KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600 • Fax (317) 685-6610
1-800-508-8034
info@keramida.com • www.keramida.com

U.S. EPA BROWNFIELDS ASSESSMENT GRANT
HAZARDOUS SUBSTANCE AND/OR PETROLEUM
CITY OF INDIANAPOLIS
GRANT #: 00E01219 REFERENCE #: BRP – 2014 – 001
GRANT AWARD DATE: SEPTEMBER 10, 2013

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
FORMER GAS STATION/COMMERCIAL SITE
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Submitted to: **CITY OF INDIANAPOLIS**
Mr. Piers Kirby
Department of Metropolitan Development
200 E. Washington Street, Suite 2042
Indianapolis, Indiana 46204

Submitted by: **KERAMIDA INC.**
401 North College Avenue
Indianapolis, Indiana 46202
317-685-6600

Prepared by:
Kristopher Orton, M.S., P.G.
Project Manager/Geologist

Reviewed by:
Ed Joniskan, P.G.
Senior Technical Advisor

Reviewed by:
Vicky Keramida, Ph.D.
CEO & Chief Technical Officer

September 30, 2016

KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600 • Fax (317) 685-6610
1-800-508-8034
info@keramida.com • www.keramida.com

U.S. EPA BROWNFIELDS ASSESSMENT GRANT
HAZARDOUS SUBSTANCE AND/OR PETROLEUM
CITY OF INDIANAPOLIS
GRANT #: 00E01219 REFERENCE #: BRP – 2014 – 001
GRANT AWARD DATE: SEPTEMBER 10, 2013

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
FORMER GAS STATION/COMMERCIAL SITE
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Submitted to:

CITY OF INDIANAPOLIS
Mr. Piers Kirby
Department of Metropolitan Development
200 E. Washington Street, Suite 2042
Indianapolis, Indiana 46204

Submitted by:

KERAMIDA INC.
401 North College Avenue
Indianapolis, Indiana 46202
317-685-6600

September 30, 2016

TABLE OF CONTENTS

Section		Page
1.0	INTRODUCTION	1
2.0	BACKGROUND	1
3.0	FIELD WORK	2
4.0	CONCLUSIONS AND RECOMMENDATIONS	4

FIGURES

Figure 1: Site Vicinity Map
Figure 2: Site Map

ATTACHMENTS

Attachment 1: KERAMIDA Sampling and Analysis Plan (SAP)
IWM Phase I Environmental Site Assessment, February 18, 2015
IWM Phase II Environmental Site Assessment, May 20, 2015
Attachment 2: Ground Penetrating Radar Scan Areas (GPR)
Attachment 3: Photograph Log

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION
FORMER GAS STATION/COMMERCIAL SITE
222 ALABAMA STREET
INDIANAPOLIS, INDIANA

1.0 INTRODUCTION

KERAMIDA Inc. (KERAMIDA) completed a Limited Phase II Environmental Site Investigation (Limited Phase II) at 222 Alabama Street, Indianapolis, Indiana (Site). The Limited Phase II was conducted at the request of the City of Indianapolis, Department of Metropolitan Development (City). The scope of the Limited Phase II was based on information obtained by KERAMIDA from a Phase I Environmental Site Assessment (Phase I) conducted for the Site by Industrial Waste Management Consulting Group, LLC (IWM), performed in February 2015 (Attachment 1) and a Limited Phase II Environmental Site Assessment (Phase II) performed by IWM in May 2015 (Attachment 1).

This Limited Phase II is being accomplished with USEPA funding under grant # 00E01219 (Grant). The Quality Assurance Project Plan (QAPP) was approved July 1, 2015 with updates through 2016. The approved Sampling and Analysis Plan (SAP) details the proposed methods for sampling contaminants, assessing the hazards posed by the contaminants, and managing or remediating contaminants for property redevelopment. Exposure assessments and proposed redevelopment use of the Site were also discussed in the SAP. The SAP is enclosed in Attachment 1.

A Site Vicinity Map is presented as Figure 1 and depicts the Site location and surrounding area. A Site Map depicting the Site boundary is included as Figure 2.

2.0 BACKGROUND

The Site consists of one 0.75-acre parcel and is located in Indianapolis's near east side at the southwest corner of N. Alabama Street and E. New York Street. The property is currently owned by the City and is currently being utilized as a pay parking lot managed by a private contractor (NewPointParking). The City is currently planning redevelopment activities at the Site, which include construction of a subterranean parking structure and multi-floor hotel.

The 2015 IWM Phase I determined that the Site historically operated as a former gas station/tire service repair center in the north portion of the property and a steam laundry and printing company located in the south portion. Based on historical operations, the Phase I recommended additional

assessment activities be conducted for the Site including a geophysical survey and soil and groundwater sampling. In May 2015, IWM conducted a Phase II, which included a geophysical survey and soil and groundwater sampling (see Attachment 1, IWM Reports). The geophysical survey identified at least two (2) underground anomalies consistent in size and shape with underground storage tanks (USTs). One (1) suspect UST was identified by IWM near the former gas station/tire repair center and one (1) suspect UST was identified in the vicinity of the historical laundry/print shop (see Attachment 1, Figure 2, IWM Phase II Report). Based on the results of the geophysical survey, a soil and groundwater sampling event was performed as well by IWM.

It should be noted that no soil borings or groundwater samples were conducted in the immediate vicinity of either suspected UST and the assessment conclusions could not confirm or deny the presence of the suspect USTs.

Following a review of the Phase I and Phase II, KERAMIDA recommended an additional Limited Phase II assessment which focused on exploratory vacuum excavation (air knife) in each of the two (2) locations where suspect USTs were identified by IWM. Standard industry practice is to install the USTs just below the frost line which is encountered between 3 and 4 feet bgs in central Indiana. It was anticipated that the top of each UST (if present) would be encountered at depths ranging from 4 to 6 feet bgs.

To safely reach a depth of 6 feet bgs with minimal disturbance to the surrounding vicinity, air knife technology was chosen. Air knife technology is minimally invasive and best suited in places where utilities are present (south anomaly) and in locations where traditional excavations may not be feasible (active downtown parking lot). If field identification were to confirm USTs, KERAMIDA had proposed in the SAP to conduct a further sampling investigation in the vicinity of each identified UST, whereby each UST would be removed from the ground using traditional excavation techniques and additional samples would be collected from the UST cavity to ensure the suspect USTs had not leaked. The scope of work outlining the field activities is detailed below.

3.0 FIELD WORK

KERAMIDA performed the Phase II field activities on August 24, 2016. The field activities were conducted in accordance with the approved QAPP including KERAMIDA Standard Operating Procedures (SOPs) and the approved Site-specific SAP (Attachment 1).

Prior to initiating the field work, KERAMIDA called in a public utility locate through the Indiana 811 program. KERAMIDA contracted with Blood Hound Underground Utility Locating Service (Blood Hound), Brownsburg, Indiana to clear the private utilities, confirm the public utilities at the two (2) suspect UST locations and assess the two areas identified by IWM as suspect UST areas for the presence of USTs. Photographs from the private locate including ground penetrating radar scans and GPR tracks are included for reference in Attachment 2. For simplicity, the anomalies identified by IWM are referenced geographically as the north anomaly (North) and south anomaly (South). The Bloodhound GPR assessment did not indicated the presence of USTs in the two locations investigated. Given IWM's statements, however, about suspect USTs in those areas, KERAMIDA proceeded with the vacuum excavations of the top soils to uncover potential USTs in those areas.

Following public and private utility clearance, KERAMIDA oversaw Blood Hound perform vacuum excavation (air knife) at the two (2) suspect UST locations. Details of the vacuum excavation for each suspect UST are summarized below.

North Anomaly

Four (4) saw cut locations measuring 1.5 feet by 1.5 feet and approximately three (3) feet apart were completed through the asphalt surface directly atop the north suspect UST anomaly (Figure 2). The asphalt was removed with a mini-jack hammer and the subsurface was exposed. The vacuum excavator was positioned next to each investigation area and the suction pipe/control arm was positioned atop each saw cut location. The vacuum was activated and soil was extracted from each saw cut location. Urban fill consisting of silty sand and brick extended to a maximum depth of six (6) feet bgs. Upon reaching the target depth (6 feet bgs) a photo-ionization detector was placed into each hole to screen the excavation for organic vapors and/or signs of contamination. No indications of contamination were noted in any location. Approximately 19 cubic feet of material was evacuated during the investigation activities. Photographs of the North Anomaly excavation are located in Attachment 3.

South Anomaly

Four (4) saw cut locations measuring 1.5 feet by 1.5 feet each approximately three (3) feet apart were completed through the asphalt surface in a line (east-west orientation) across the South suspect UST anomaly (Figure 2). The asphalt was removed with a mini-jack hammer and the subsurface was exposed. In two locations, vacuum excavation encountered flowable concrete, which appeared to encase the utility corridor oriented east/west that extended through the suspect UST anomaly boundary. In the remaining two (2) locations, urban fill consisting of silty sand and brick was

observed extending to a maximum depth of six (6) feet bgs. Consistent with the north anomaly, upon reaching the target depth (6 feet bgs) a photo-ionization detector was placed into each hole to screen the excavation for organic vapors and/or signs of contamination. No indications of contamination were noted in any location at the South Anomaly. Approximately 13 cubic feet of material was evacuated during the investigation activities. Photographs of the South Anomaly excavation are located in Attachment 3.

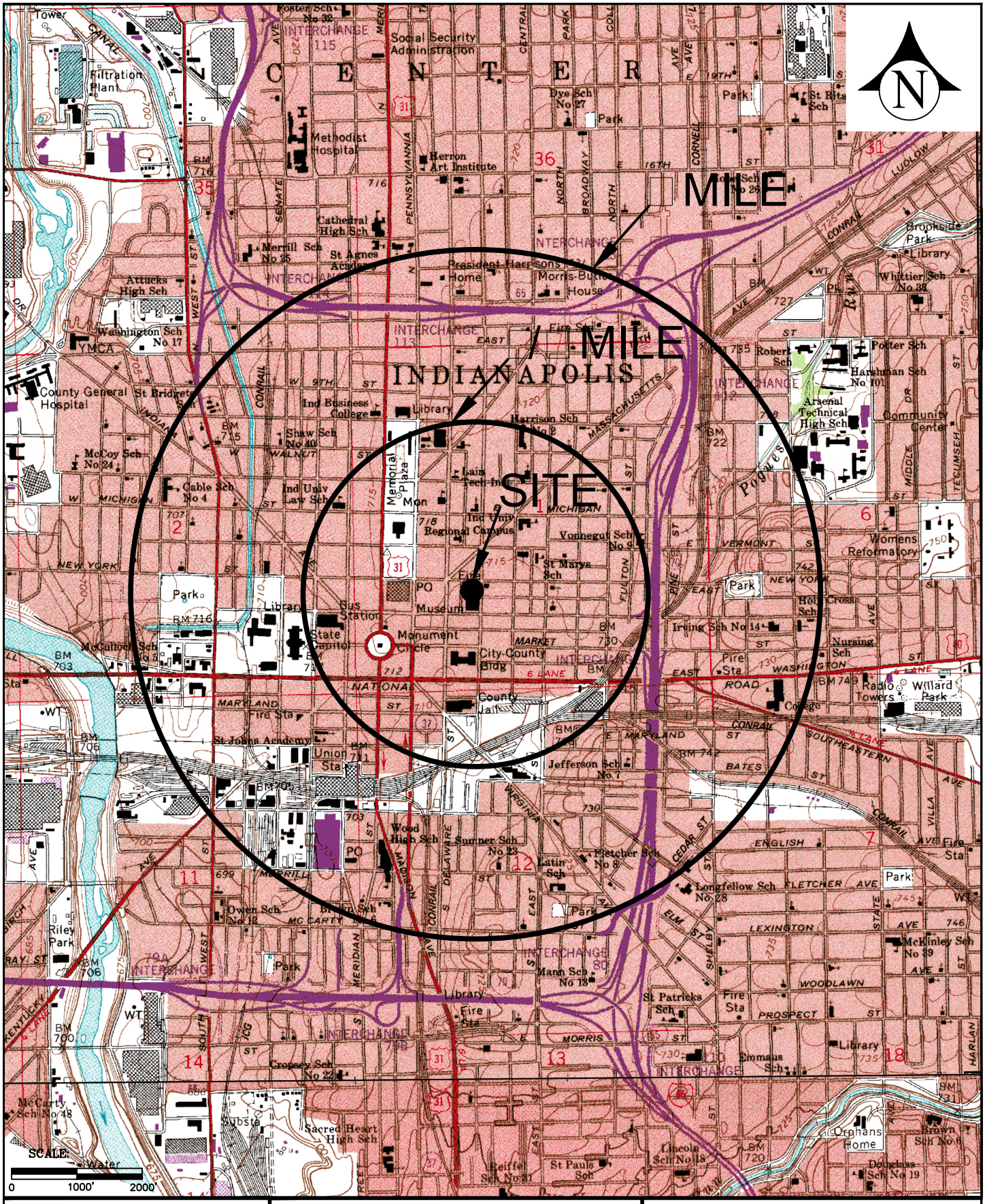
Excavated materials were free of staining and/or obvious signs of petroleum impacts. Per the approved SAP, therefore, KERAMIDA did not retain any soil samples from the excavated materials for laboratory analysis. Both excavation cavities were backfilled with their originally evacuated material to the extent possible and the 1.5 feet by 1.5 feet saw cuttings were placed back in their original positions and sealed with asphalt patch.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are provided given KERAMIDA's understanding that the current owner for this property intends to re-develop the Site including constructing concrete underground parking and erecting a commercial hotel.

KERAMIDA was requested to assess the two areas identified by IWM as areas containing potential USTs and evaluate whether USTs are present. KERAMIDA's field exploration activities did not identify the presence of USTs in either of the locations marked by IWM down to 6 feet bgs. It is unlikely that USTs would be buried deeper than 6 feet bgs and KERAMIDA did not identify any field evidence to suggest otherwise. KERAMIDA was not requested to evaluate the validity of IWM's work or conclusions. Based on KERAMIDA's cursory review of the IWM reports, and accompanied historical information, USTs may be present in other locations, not identified by IWM. If an UST is identified during future Site redevelopment activities, KERAMIDA recommends the UST be removed following the Indiana Department of Environmental Management guidelines and impacted soil be properly characterized and managed.

FIGURES



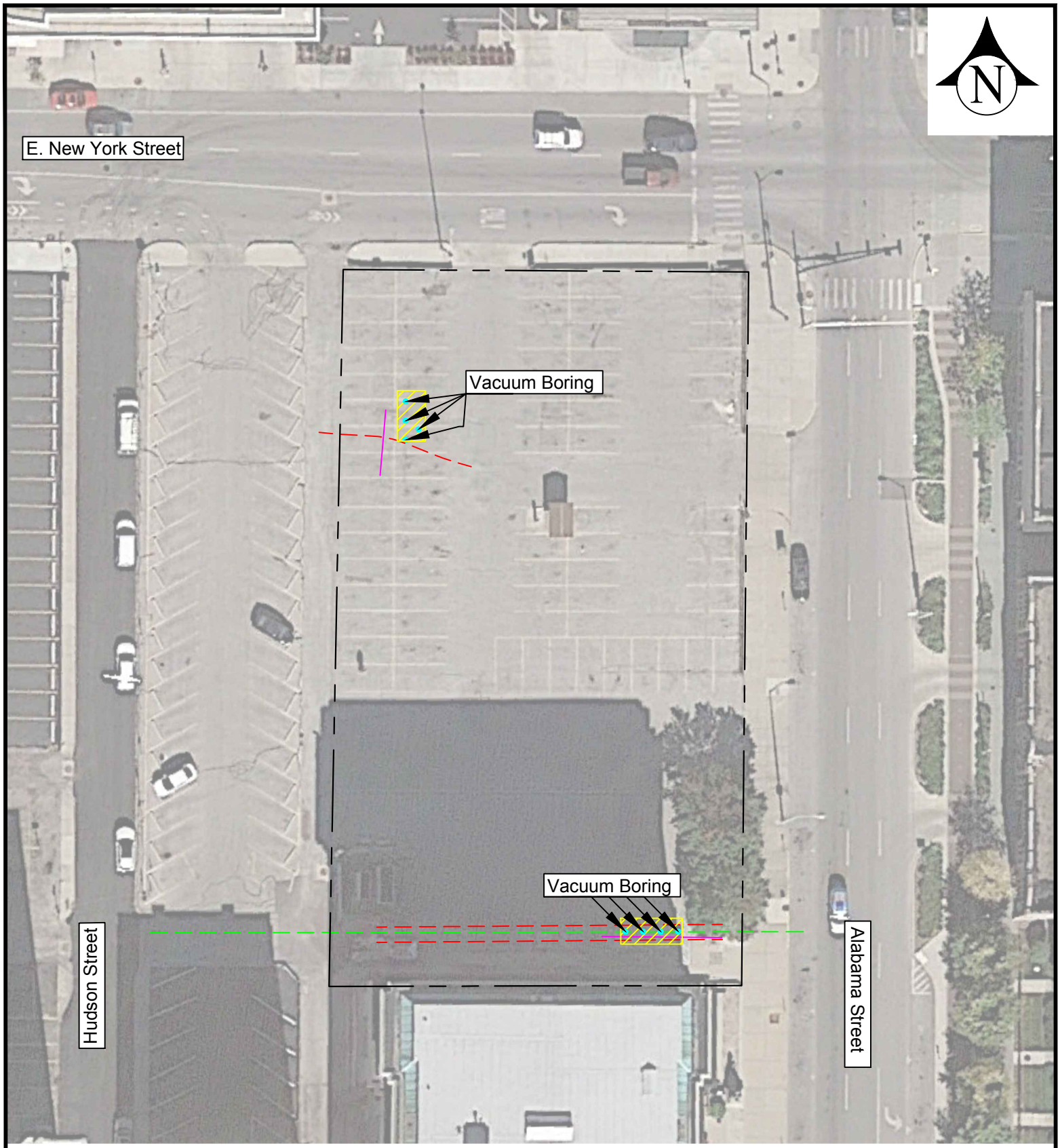
KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

Project: Former Gas Station
222 N Alabama Street
Indianapolis, Indiana

	Drawn By: G. Willman
Project Number: 15810A	Approved By: TO
Date: July 15, 2016	File No. 15810A_Ph2

Figure 1

Site Vicinity Map



LEGEND

- Approximate Property Boundary
- Suspect UST Areas Identified by IWM
- Vacuum Excavation Loaction
- Electric power lines, conduit, and street light cable
- Unknown subsurface utility/anomaly
- Sewers and drains

SCALE: 0 100' 200'

KERAMIDA
Engineers • Scientists • Planners
Global EHS & Sustainability Services

Project: Former Gas Station
222 N Alabama Street
Indianapolis, Indiana

	Drawn By: G. Willman
Project Number: 15810A	Approved By: TO
Date: July 15, 2016	File No. 15810A_Ph2

Figure 2

Site Map

G:\CLIENTS\Indianapolis, City of\15810A UNWA Brownfield Assessment\Task 4\Phase 2s - SAP\222 Alabama\Figures

ATTACHMENT 1

KERAMIDA Sampling and Analysis Plan (SAP)

IWM Phase I Environmental Site Assessment, February 18, 2015

IWM Phase II Environmental Site Assessment, May 20, 2015

KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600 • Fax (317) 685-6610
1-800-508-8034
info@keramida.com • www.keramida.com

LIMITED PHASE II INVESTIGATION SAMPLING AND ANALYSIS PLAN
U.S. EPA BROWNFIELDS ASSESSMENT (CITY OF INDIANAPOLIS) GRANT-HAZARDOUS SUBSTANCE AND/OR PETROLEUM (ASSESSMENT GRANT)

GRANT #: BF00E01219
REFERENCE #: BRP – 2014 – 001
GRANT AWARD DATE: SEPTEMBER 10, 2013
KERAMIDA PROJECT NO. 15810A

Submitted To: **CITY OF INDIANAPOLIS**
Department of Metropolitan Development
200 E. Washington Street, Suite 2042
Indianapolis, Indiana 46204

Submitted By: **KERAMIDA INC.**
401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600

Kristopher Orton
Project Manager

Reviewed By: Ed Joniskan, L.P.G.
Senior Technical Advisor

July 28, 2016

KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600 • Fax (317) 685-6610
1-800-508-8034
info@keramida.com • www.keramida.com

LIMITED PHASE II INVESTIGATION SAMPLING AND ANALYSIS PLAN
U.S. EPA BROWNFIELDS ASSESSMENT (CITY OF INDIANAPOLIS) GRANT-HAZARDOUS SUBSTANCE AND/OR PETROLEUM (ASSESSMENT GRANT)

GRANT #: BF00E01219
REFERENCE #: BRP – 2014 – 001
GRANT AWARD DATE: SEPTEMBER 10, 2013
KERAMIDA PROJECT NO. 15810A

Submitted To:

CITY OF INDIANAPOLIS
Department of Metropolitan Development
200 E. Washington Street, Suite 2042
Indianapolis, Indiana 46204

Submitted By:

KERAMIDA INC.
401 North College Avenue
Indianapolis, Indiana 46202
(317) 685-6600

July 28, 2016

TABLE OF CONTENTS

Section		Page
1.0	INTRODUCTION	1
2.0	BACKGROUND	1
2.0	SAMPLING AND ANALYSIS PLAN	2
2.1	UNDERGROUND ANOMALY INVESTIGATION (AIR KNIFE)	2
2.2	UNDERGROUND ANOMALY SAMPLING (CONDITIONAL)	3
2.2	SOIL SCREENING PROCEDURES	5
2.3	SOIL SAMPLE COLLECTION PROCEDURES	5
2.5	SOIL DESCRIPTION PROCEDURES	5
2.6	EQUIPMENT DECONTAMINATION PROCEDURES	6
2.7	INVESTIGATION DERIVED WASTE PROCEDURES	6
3.0	DATA EVALUATION	6
4.0	DOCUMENTATION AND REPORTING	6
5.0	SCHEDULE	6
6.0	PROJECT BUDGET	7
7.0	REFERENCES	7

TABLES

Table 1: Sampling and Analysis Plan

FIGURES

Figure 1: Site Location Map
Figure 2: Site Map

ATTACHMENTS

1 Health & Safety Plan

LIMITED PHASE II INVESTIGATION SAMPLING AND ANALYSIS PLAN
U.S. EPA BROWNFIELDS ASSESSMENT (CITY OF INDIANAPOLIS) GRANT-
HAZARDOUS SUBSTANCE AND/OR PETROLEUM (ASSESSMENT GRANT)
GRANT #: BF00E01219
REFERENCE #: BRP – 2014 – 001
GRANT AWARD DATE: SEPTEMBER 10, 2013
KERAMIDA PROJECT NO. 15810A

1.0 INTRODUCTION

This site-specific sampling and analysis plan (SAP) was prepared to provide the protocol for collection and analysis of various environmental samples, including soil and groundwater (if present) at specific locations throughout a site currently owned by The City of Indianapolis, Department of Metropolitan Development located at 222 Alabama Street (Site), Marion County, Indiana (Figure 1). The scope of work was established based upon the findings presented in the Phase I Environmental Site Assessment (Phase I) prepared by Industrial Waste Management Consulting Group, LLC (IWM), performed in February 2015 and a Limited Phase II Environmental Site Assessment (Phase II) performed by IWM consulting group in May 2015.

This work is being accomplished with USEPA funding under grant # **BF00E01219**. The Property is to be evaluated for 'petroleum substance' contamination under the community-wide Brownfield Assessment Grant for the City of Indianapolis, Department of Metropolitan Development. The Quality Assurance Project Plan (QAPP) was approved June 29, 2016. This property-specific work plan details the proposed methods for identifying contaminants, assessing the hazards posed by these contaminants, and managing or remediating contaminants for continued property redevelopment.

2.0 BACKGROUND

The Site consists of one (1) 0.75-acre parcel and is located in Indianapolis's near east side at the southwest corner of the intersection of N. Alabama Street and E. New York Street. The property is currently owned by the City of Indianapolis, Department of Metropolitan Development and is currently being utilized as a pay parking lot managed by a private contractor (NewPointParking). Findings of the Phase I revealed the Site has operated as a petroleum filling station, a steam laundry, a tire service repair and a printing company. The City is currently planning redevelopment activities which include construction of a subterranean parking structure and multi-floor hotel.

During the Phase II assessment, IWM identified at least two (2) underground anomalies consistent with underground storage tanks (USTs):.one (1) suspect UST area is near the former Tire Sales and Service Building (west of the former filling station) as identified on the 1941 Baist and 1956 Sanborn map(s), and one (1) suspect UST area in vicinity of the historical laundry/print shop building identified beginning on the 1898 Sanborn map(s). On-Site concerns include localized soil contamination in vicinity of these two potential USTs and possible contaminated groundwater migration.

Based on the Phase II report findings, it is unclear if the identified anomalies are in fact USTs and as a result, KERAMIDA recommends an exploratory vacuum excavation (air knife) in each of the two (2) locations were underground anomalies were identified. The air knife technology is minimally invasive and best suited in places where utilities are present (south anomaly) and in locations where traditional excavations may not be feasible (north anomaly). The scope of work to investigate the two (2) USTs is detailed below.

2.0 SAMPLING AND ANALYSIS PLAN

2.1 UNDERGROUND ANOMALY INVESTIGATION (AIR KNIFE)

KERAMIDA will provide oversight of Blood Hound Underground Utility Locating Service (Blood Hound), Brownsburg, Indiana as they clear the private utilities at the locations specified in the above referenced Phase II.

KERAMIDA will coordinate with Blood Hound to utilize air knife technologies (vacuum excavation) to further investigate the presence of the two (2) anomaly locations. Blood Hound will air knife two (2) trenches at each anomaly across the suspected UST locations outlined in the Phase II by IWM. The trenches will be air knifed to a maximum depth of 6 feet below ground surface (bgs). If backfill material (fine well sorted sand, pea gravel, pit run sand) or signs of a UST system are identified (piping, staining, subsurface concrete) prior to reaching 6 feet bgs, KERAMIDA will direct Blood Hound to stop the investigation and further investigation will proceed with traditional excavation technologies.

KERAMIDA will visually screen the soil cuttings and note any olfactory signs of impacts. KERAMIDA will also use a photo-ionization detector (PID) to screen the cuttings for volatile organic compounds. KERAMIDA will not collect any soil samples from the air knife trenched materials and it is assumed that all soil materials excavated will be temporarily deposited into 55-

gallon steel drums. The air knife cavities will be backfilled with excavated soils if the excavated soils appear to be free of impacts and a UST is not located. If impacted soil is observed and a UST is identified, KERAMIDA will leave the impacted soil in properly labeled 55-gallon drums until additional UST excavation and closure activities are conducted at which point the excavated soil will be disposed of at a properly licensed landfill. If impacts are identified during the field screening and no UST is observed, waste characterization samples will be collected from the soil cuttings as a change of scope item.

Following the completion of the air knife trenching, KERAMIDA will oversee surficial restoration of the asphalt in the disturbed locations. Surficial restoration will consist of either temporary measures (backfilled and topped with crushed stone/gravel) or permanent asphalt cold patch tamped in place.

If the air knife trenching positively identifies the presence of UST(s), KERAMIDA will recommend additional soil sampling in the vicinity of the UST via traditional excavation technologies. This sampling will require the removal and proper closure of the UST(s) and will be addressed with an additional mobilization. If the anomalies are identified to be anything other than a UST, the investigation will not proceed and no additional sampling will be required.

2.2 UNDERGROUND ANOMALY SAMPLING (CONDITIONAL)

If one or more UST is identified on-Site, KERAMIDA will direct a certified UST contractor to expose the top of the vessels with non-sparking hand tools to determine dimensions and if the contents of each can be safely accessed via fill ports. If present, the fill ports will be used to manually determine the contents of the UST by using a measuring stick and water reactive paste. KERAMIDA personnel will apply water reactive paste to a measuring stick and the stick will be lowered into each UST. The reactive paste will allow the field personnel to determine the water/fuel volume of each UST. Based on the contents and liquid level in each UST, the volumes will be recorded and properly pumped out by a licensed waste hauler/UST contractor.

Once empty, the UST(s) will be exposed using traditional excavation technologies (excavator). The excavator will facilitate the collection of soil samples. Each sample will be logged by a KERAMIDA geologist and field headspace readings will be recorded using a photo-ionization detector (PID).

KERAMIDA proposes to collect soil samples from the vicinity of the UST pit sidewalls, UST bottom and from any remaining UST system pipe runs. The sidewall samples will be collected at a

rate of one per sidewall or 20 linear feet of sidewall. In addition, bottom samples will be collected at a rate of two (2) per UST excavation cavity or one sample per UST end. If any pipe runs remain, one (1) sample per 20 linear feet and one (1) soil sample per every pipe joint or pipe elbow identified as part of the UST system will be collected. Samples will be collected via hand shovel or directly from the excavator bucket using gloved hands. If multiple USTs are located in a common excavation (not suspected), sidewall samples will be collected at a rate of one per 20 linear feet of sidewall up to 8 feet in depth and bottom samples at a rate of one sample per 400 square feet. The total number of soil samples collected will not exceed 14.

Due to the sampling requirements, the UST(s) will be opened and the contents cleaned by a licensed UST removal and closure contractor. The cleaned contents (residual sludge/debris) will be placed in a clean DOT-55 gallon drum and staged on-Site. The tanks will then be removed to facilitate sample collection. The tank(s) will be recycled at a scrap metal recycling facility. If any UST piping or residual metal is present underground, the piping will be drained, removed, and recycled along with the UST(s).

Groundwater is not anticipated to be encountered in the UST pit(s); however, if groundwater is encountered in the excavation(s), a sample will be obtained in accordance with Table 1. All samples will be collected directly into laboratory provided containers and submitted to the laboratory in accordance with the QAPP.

Based on historical Site information including operational age of the former filling station (pre-1960 which included the use of leaded gasoline) and number of USTs (tanks on-Site which could include gasoline, diesel and/or kerosene), compounds of concern (COCs) include volatile organic compounds (VOCs), poly-nuclear aromatic hydrocarbons (PAHs), lead scavengers and total lead. Samples will be collected in accordance with Table 1.

The analytical results will be compared to the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) direct contact residential and commercial/industrial soil screening levels (SLs). Based on the analytical results, KERAMDIA will use the SLs to determine if contaminants can be managed by eliminating exposure pathways through engineering and institutional controls or if they will require remediation (implemented via a Remedial Action Plan).

2.2 SOIL SCREENING PROCEDURES

Headspace screening of soils will be performed using a photo-ionization detector (PID) in accordance with the QAPP. At the completion of the field screening process, determination is made for which sample intervals will be sent for laboratory analysis. All samples not sent to the laboratory will be disposed of in accordance with the QAPP.

2.3 SOIL SAMPLE COLLECTION PROCEDURES

The sampling depth will be determined in the field. The interval that exhibits the greatest degree of impact based on headspace screening results will be sampled. If field instrument readings are not detected, the unsaturated interval above the water table will be sampled.

VOC and lead scavenger analysis requires laboratory preparation using SW-846 Method 5035A. Soil samples will be collected using Terra Core™ or equivalent sampling devises. Sample collection will be performed in accordance with the approved QAPP.

Soil samples collected for PAHs and total lead analyses will be collected following the collection for VOC analyses. A subsample taken from the soil core will be split longitudinally, with a representative portion placed in laboratory supplied containers for PAHs and lead analyses and placed immediately on ice in a cooler.

Sample preservation will be completed immediately in the field per USEPA SW-846 requirements, as specified in Table 5 of the QAPP. Soil samples collected using Terra Core™ samplers will be shipped via overnight courier or delivered to the laboratory due to the 48-hour holding time for preservation. To meet the 4°C preservation standard, samples will be immediately placed into insulated shipping coolers with sufficient plastic bagged ice to quickly cool the sample and maintain samples at a temperature of 4°C through its receipt by the laboratory. Chain-of-custody records identifying sample collection times and dates, along with analytical requirements, will be signed and will accompany the samples to the laboratory. Sample handling and custody procedures are described in the QAPP. All analytical methods and procedures for this project are also included in the QAPP.

2.5 SOIL DESCRIPTION PROCEDURES

Soil borings will be continuously sampled. Soil samples will be described in accordance with the Unified Soil Classification System (USCS) soil description system and in accordance with the KERAMIDA SOPs included in the approved QAPP.

2.6 EQUIPMENT DECONTAMINATION PROCEDURES

Sampling equipment requiring decontamination during this project includes down-hole drilling equipment. Decontamination will be completed in accordance with the QAPP.

If any equipment is dropped or otherwise touches the ground or other potentially contaminated surface, it must be decontaminated prior to use. Said decontamination would consist of a non-phosphate detergent rinse, followed by a triple rinse of potable water until all visible signs of detergent rinse are removed.

2.7 INVESTIGATION DERIVED WASTE PROCEDURES

The procedures to properly store and characterize investigation-derived waste (IDW) will follow directly from the approved QAPP. IDW will include soil, unused soil samples, personal protection equipment, disposable sampling equipment, and decontamination fluids. All IDW characterized as hazardous will be disposed of according to appropriate IDEM and EPA regulations.

3.0 DATA EVALUATION

Soil and groundwater data will be compared against the IDEM RCG SLs.

4.0 DOCUMENTATION AND REPORTING

The methods, results, and findings of the sampling will be documented and submitted to the City of Indianapolis in a Limited Phase II Site Investigation Report. If the UST's are sampled and removed, only one report documenting both phases of the Limited Phase II will be submitted. The report will include a comparison of Site findings to IDEM RCG SLs and provide recommendations for any appropriate actions relative to soil and groundwater media.

5.0 SCHEDULE

The scope of work detailed in this SAP will be initiated promptly upon authorization of this SAP by the U.S. EPA Region 5 Project Manager and the City of Indianapolis Brownfields Project Manager. Following authorization, the field work schedule will be coordinated with the property owner (City of Indianapolis). The investigation field work will take approximately one (1) day. If it is determined that the on-Site UST(s) must be removed to collect the necessary samples, the UST

removal and confirmation soil sampling will take approximately two (2) field days. All laboratory analytical results will be finalized with a standard turnaround time (TAT) consisting of five to seven (5 to 7) days. Following receipt of the analytical results, the Limited Phase II report will be completed within 15 working days.

6.0 PROJECT BUDGET

Item	Cost
Investigation	
KERAMIDA Professional Fees: Project management, field sampling, field equipment and expenses, and reporting	**$3,820**
Sr. Project Management and Report Review	$1,040
Project Management/Field Sampling and Report Writing	$2,156
Administrative Support: Computer Aided Drafting (CAD), Clerical, Report Submission	$362
Field equipment and expenses	$262
Private Utility Locating Costs: Geophysical survey and private utility locator	**$880**
UST Air Knife Investigation:	**$2,805**
Waste Disposal :(4 non-hazardous soil 55-gallon drums)*	**$550**
Total Estimated Cost (no UST removal)	**$8,055**
Underground Storage Tank Sampling (if necessary)	
Additional KERAMIDA Professional Fees: Project management, field sampling, field equipment and expenses, and reporting	***$4,460***
Sr. Project Management and Report Review	$850
Project Management/Field Sampling and Report Writing	$2,823
Administrative Support: Computer Aided Drafting (CAD), Clerical, Report Submission	$362
Field equipment and expenses	$425
UST Removal Cost Estimate: *Permanent removal, disposal, sampling and backfilling of the UST cavity. Cost provided is an estimate and optional pending soil analytical results.*	***$13,750***
Pace Analytical Services, Inc.: Soil and groundwater sample analysis listed in Table 1 using Level IV Data Quality Objectives	**$6,135**
Total Estimated Cost (Additional UST removal)	**$24,345**
Total Estimated Cost including Air Knife and UST Sampling/Removal	***$32,400***

*Waste disposal costs are estimates only and will be based on soil and groundwater analytical results. Additional waste characterization sampling may be required.

7.0 REFERENCES

KERAMIDA Inc. *Quality Assurance Project Plan, USEPA Community-Wide Brownfield Hazardous and Petroleum Related Substances Assessment Grant, City of Indianapolis, Department of Metropolitan Development, Indiana, EPA Grant #* ***BRP – 2014 – 001***. Approved July 1, 2015.

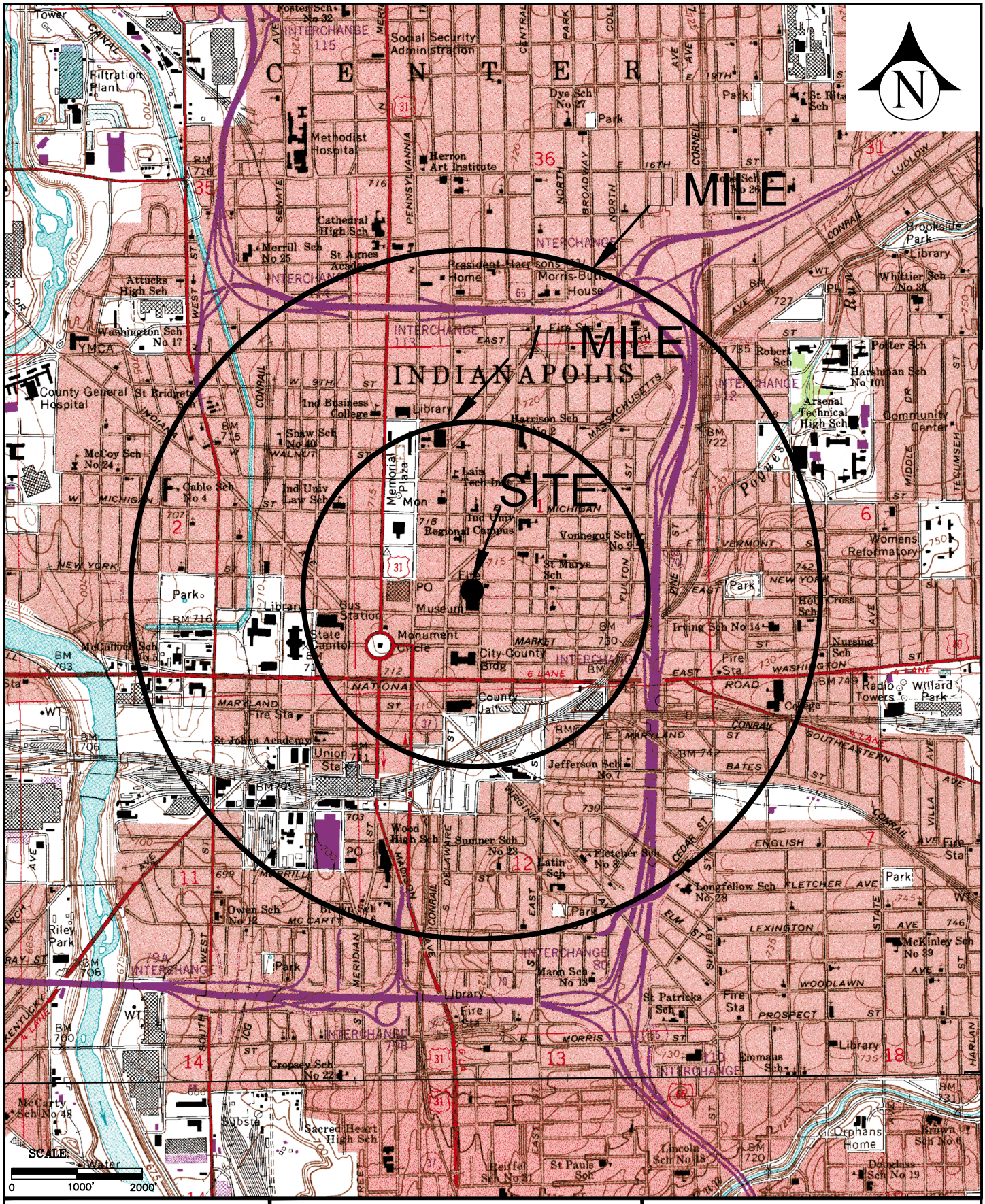
TABLES

Table 1: Sample Location Rationale
Former Filling Station
222 N. Alabama Street, Indianapolis., Marion Co., IN

No. of Samples	Area of Interest	Location Rational	Method	Anticipated Depth (ft)[1]	Soil[2]*			Groundwater[2]*		
					Sample Depth (ft)	Sampling Rational	Lab Analyses	Sample Depth (ft)	Sampling Rational	Lab Analyses
8	Potential Leaking USTs	UST Sidewall Samples	Hand Shovel/ Excavator Bucket	5	TBD	Midpoint on UST Excavation Sidewall	VOCs, PAHs, lead and lead scavengers	NA	NA	NA
4	Potential Leaking USTs	UST Bottom Samples	Hand Shovel/ Excavator Bucket	8	TBD	Each End of Two (2) USTs	VOCs, PAHs, lead and lead scavengers	TBD	TBD	VOCs, PAHs, lead and lead scavengers
12	**Total**									

(1) Final depth to be determined by field observations and/or extent of impacts, if encountered
(2) One duplicate, and one matrix spike and matrix spike duplicate (MS/MSD) quality assurance/quality control (QA/QC) soil samples will be collected.
*Waste characterization analyses, if needed, will be a change in scope item.
ft = Feet NA = Not Applicable GW = Groundwater TBD = To Be Determined
UST = Underground Storage Tank
Lead = U.S. EPA SW846 Method 6010
Lead Scavengers = 1,2-dibromomethane and 1,2-dichloroethane = U.S. EPA SW846 Method 8011 (groundwater only)
PAHs = Polynuclear aromatic hydrocarbon, U.S. EPA SW846 Method 8270SIM;
VOCs = Volatile Organic Compounds (including BTEX compounds); U.S. EPA SW846 Method 8260B, 5035A for soil

FIGURES



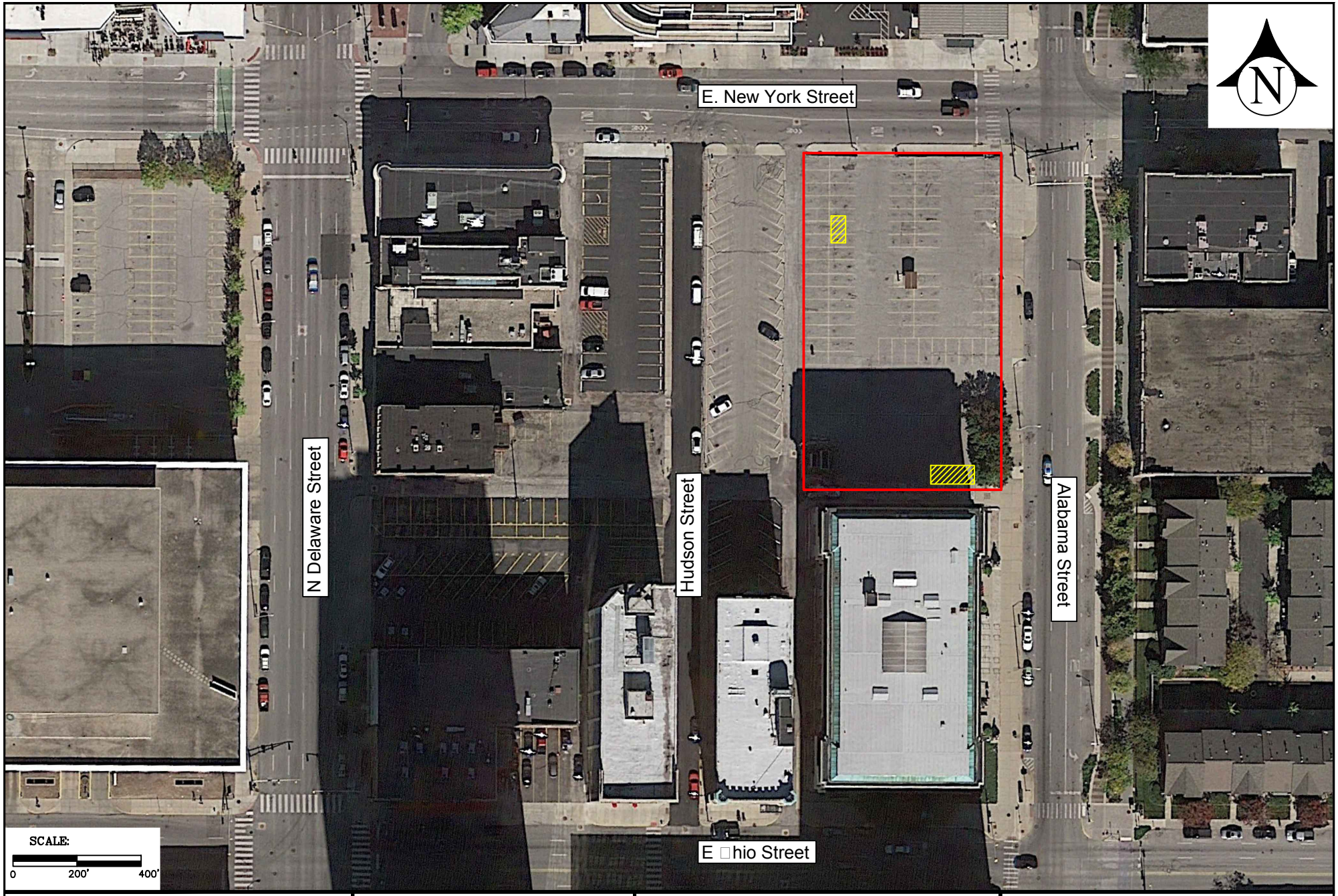
KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

Project: Former Gas Station
222 N Alabama Street
Indianapolis, Indiana

	Drawn By: G. Willman
Project Number: 15810A	Approved By: TO
Date: July 15, 2016	File No. 15810A_Ph2

Figure 1

Site Vicinity Map



LEGEND

Approximate Property Boundary

GP Anomalies

KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

Project: Former Gas Station 222 N Alabama Street Indianapolis, Indiana	
	Drawn By: G. Willman
Project Number: 15810A	Approved By: TO
Date: July 15, 2016	File No. 15810A_Ph2

Figure 2

Site Map

ATTACHMENT 1
HEALTH & SAFETY PLAN

KERAMIDA

ENGINEERS • SCIENTISTS • PLANNERS

GLOBAL EHS & SUSTAINABILITY SERVICES

SITE SPECIFIC INFORMATION - HEALTH & SAFETY PLAN

FORMER GAS STATION
222 N. ALABAMA STREET
INDIANAPOLIS, IN

U.S. EPA BROWNFIELDS ASSESSMENT
(CITY OF INDIANAPOLIS)
INDIANAPOLIS, IN 46202

KERAMIDA PROJECT NO. 15810A

July 25, 2016

TABLE OF CONTENTS

Page

1.0 Introduction 1
2.0 Approval Sheet 2
3.0 Site Background Information & Scope of Work 3
4.0 Key Personnel and Responsibilities 4
5.0 Hazard Identification and Control 5
5.1 Worksite Hazard and Control 5
5.2 Required Personnel Protective Equipment 5
5.3 Location of Safety Equipment 5
5.4 Safety Programs Utilized 6
6.0 Emergency Phone Numbers and Hospital Location 7
6.1 Emergency Phone Numbers 7
6.2 Hospital Location Map 8

1.0 Introduction

KERAMIDA Inc. (KERAMIDA) has developed this document to address the health and safety guidelines to be implemented for site personnel engaged in subsurface investigation and groundwater sampling field activities. The purpose of this Site Specific-Health and Safety Plan (HASP) is to provide procedures and guidelines that will minimize the potential for physical harm or exposure to hazardous wastes of on-site personnel, visitors, and general public during field activities. This Plan must be used in conjunction with KERAMIDA's Standardized Information-HASP.

The Site Specific-HASP is also complemented by other separate documents such as but not limited to KERAMIDA's Hazard Communication Plan, Employee Health & Safety Manual, and Medical Surveillance Plan.

All project staff and approved KERAMIDA subcontractors must follow the policies and procedures established in this Plan. This Plan contains site-specific information, hazard analysis, and project information related to this specific Site. All personnel assigned to this project must read all sections and then sign the Acknowledgement Sheet in Attachment A of KERAMIDA's Standardized Information-HASP to confirm that they understand and agree to abide by the provisions of this plan.

Any unexpected or unforeseen hazards not addressed by this Plan must be amended by the Project Manager or Health & Safety Coordinator using the Site Safety Amendment Sheet found in Appendix A of KERAMIDA's Standardized Information-HASP. This Plan must also be modified or amended when circumstances or conditions develop that are beyond the scope of routine field activities, any changes in project work scope, or changes in Site conditions. Such conditions include:

- Discovery of uncharacterized hazardous materials,
- Conditions present that would require upgrading to Level C or higher,
- Operations that have never been attempted, or
- Operations for which personnel have not been trained.

2.0 Approval Sheet

This Site Specific - HASP is designed to address the health and safety guidelines to be implemented for site personnel engaged in field activities.

CLIENT	**The City of Indianapolis, Mr. Piers Kirby**
TELEPHONE#	(317) 327-5131
FACILITY ADDRESS	200 E. Washington Street, Suite 2042, Indianapolis, In 46204
PROJECT MANAGER	**Kristopher Orton**
KERAMIDA PROJECT#	15810A
PROJECT OBJECTIVES	Vacuum excavation and soil sampling via excavator
PROPOSED DATE(S) OF WORK	August 1-5, 2016
REVIEW AND APPROVALS	July 25, 2016
PROJECT MANAGER	KOrton (Signature)
HEALTH & SAFETY COORDINATOR	(Signature)
DATE PREPARED	July 25, 2016

3.0 Site Background Information & Scope of Work

This site-specific health and safety plan (HASP) was prepared to provide the protocol for all health and safety aspects while conducting on-Site soil sampling at various locations throughout a facility currently owned by The City of Indianapolis. The Site is located at 222 N. Alabama Street in Marion County, Indianapolis, Indiana. The scope of work was established based upon the findings presented in a Phase I Environmental Site Assessment (Phase I) by Industrial Waste Management Group, LLC (IWM), dated February 18, 2015 and a Phase II Environmental Site Assessment (Phase II) performed by IWM in March 2015.

The Site consists of one (1) 0.75-acre parcel and is located at 222 N. Alabama Street (west side) south of East New York Street in Indianapolis, IN. The property is currently owned by the City of Indianapolis, Department of Metropolitan Development and is currently being utilized as a parking lot. The Site has operated as a filling station, steam laundry, tire service repair and printing company. The City is currently planning Site redevelopment activities which include the construction of a parking structure and multi-floor hotel.

KERAMIDA's subsurface investigation will consist of the following:

KERAMIDA will provide oversight of Blood Hound Underground Utility Locating Service (Blood Hound), Brownsburg, Indiana as they clear the private utilities at the locations specified in the above referenced Phase II.

KERAMIDA will coordinate with Blood Hound to utilize air knife technologies (vacuum excavation) to further investigate the presence of the two (2) anomaly locations. Blood Hound will air knife two (2) trenches for each anomaly across the suspected UST locations outlined in the Phase II by IWM. The trenches will be air knifed to a maximum depth of 6 feet below ground surface (bgs). If backfill material (fine well sorted sand, pea gravel, pit run sand) or signs of a UST system are identified (piping, staining, subsurface concrete) prior to reaching 6 feet bgs, KERAMIDA will direct Blood Hound to stop the investigation and further investigation will proceed with traditional excavation technologies.

If one or more UST is identified on-Site, KERAMIDA will attempt to manually determine the contents of the UST by using a measuring stick and water reactive paste. KERAMIDA personnel will apply water reactive paste to a measuring stick and the stick will be lowered into each UST. The reactive paste will allow the field personnel to determine the water/fuel volume of each UST. Based on the contents and liquid level in each UST, the volumes will be recorded and properly pumped out by a licensed waste hauler/UST contractor.

Once empty, the UST(s) will be exposed using traditional excavation technologies (excavator). The excavator will facilitate the collection of soil samples. Each sample will be logged by a KERAMIDA geologist and field headspace readings will be recorded using a photo-ionization detector (PID).

Soil sampling will be performed using a hand shovel or excavator. At each sample location, soil samples will be collected from the underground storage tank (UST) excavation cavity using a hand shovel or directly from the excavator bucket consistent with Table 1 of the SAP. The excavator will be operated by a licensed UST removal contractor. Soil logging will be performed in accordance with the QAPP.

- All equipment will be decontaminated between each location.

- KERAMIDA will collect samples from the UST excavation sidewalls, bottoms, and pipe runs for laboratory analyses. Samples will be analyzed for volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), lead and lead scavengers. The samples will be logged on a chain-of-custody form and submitted to Pace Analytical Services, Inc., Indianapolis, Indiana for laboratory analyses.

- Excess soil will be returned to the excavation cavity and any decontamination water generated will be placed in a clean, DOT-rated, 55-gallon drum(s). KERAMIDA will stage the drum(s) at the Site until disposal arrangements are made at a licensed treatment and disposal facility. The drums will be labeled and clearly marked and stored in a controlled area at the Site.

4.0 Key Personnel and Responsibilities

Project Manager:	Kristopher Orton
H & S Coordinator:	Trent Blake
Field Staff:	Kristopher Orton, Clinton Poynter and Dan Logsdon
Subcontractors:	Bloodhound, Wills Excavating

Project Manager

The Project Manager is ultimately accountable for all Health and Safety issues on his project. His primary function is to oversee the management activities on-site to ensure that the scope of services required from KERAMIDA, per the Contract, Consent Decree, Record of Decision (ROD), and Scope of Work (SOW) are carried out to the satisfaction of all proper parties.

Health and Safety Coordinator

The Health and Safety Coordinator is responsible for ensuring that her Health & Safety Plan (HASP) and the specific on-site health and safety requirements, based on known or anticipated concerns are addressed and adhered to. If necessary, the Health and Safety Coordinator can modify the site-specific HASP to accommodate on-site changes that may affect safety. The Health and Safety Coordinator may visit the site during field activities to perform a site safety audit but will not be on-site throughout the entire project on a daily basis. Field staff will serve as the on-site safety officers on a daily basis. The Project Manager will be fully acquainted with the required Health and Safety aspects of the project.

Field Staff

All KERAMIDA field staff is responsible for understanding and complying with all of the requirements of the HASP and the site-specific health and safety requirements. Daily safety meetings are conducted during groundwater sampling events and maintenance activities by outside contractors and when two or more KERAMIDA employees are on site together. Daily safety meetings discuss the HASP and any task-specific health and safety concerns that may be encountered that day. Each worker will acknowledge their participation and understanding of the HASP by signing the HASP "Agreement and Acknowledgement Form" and Daily Safety Meeting topic by signing the Daily Safety Meeting form in the appendices

Subcontractors

All KERAMIDA subcontractors will be subject to the conditions and requirements of the HASP. Prior to performing any work, all subcontractors must review and sign the "Agreement and Acknowledgement Form" and Daily Safety Meeting topic by signing the Daily Safety Meeting form in the appendices.

5.0 Hazard Identification and Control

5.1 Worksite Hazard and Control

For each task involved in this project, the types of hazards that may be encountered and associated potential control measures are identified in Table 1 below. For available instruction on the safe work procedures to follow due to the potential hazards, refer to the appropriate section listed in the Standardized Information-HASP and its appendices.

Table 1: Worksite Hazard Identification and Control

Present (Yes or No)	**Hazard Present**	**Potential Control Measures**
Yes	Slips, trips, falls	Refer to Section 5 of the Std HASP
Yes	Trench or excavation	Refer to Section 8 and Appendix H of the Std HASP
No	Excessive heights / ladders	Refer to Section 5 of the Std HASP
No	Electricity	Use lockout/tagout procedures when appropriate. Appendix E in Std HASP
Yes	Utilities	Mark utilities prior to activities using Private Contractor and/or Call Before You Dig. Hand auger upper 4 feet.
No	Lifting/ cranes/ slings/ booms	Refer to OSHA standard 29 CFR 1926.1400-1442
Yes	Heavy equipment	Refer to Appendix I of the Std HASP
No	Fire / explosion hazards	Refer to Section 7 of the Std HASP
No	Illumination	Use additional lighting
Yes	Back injury/Ergonomic Hazard	Refer to Section 5 of the Std HASP
No	Pressurized vessels	Refer to OSHA standard 29 CFR 1910.1400-1442
Yes	Drilling, welding, cutting	Refer to Section 5 of the Std HASP
No	Temperature stress	Refer to Section 5 of the Std HASP
Yes	Vehicular traffic	Use Barricades/Caution Tape. Wear safety traffic vest
Yes	Pedestrian traffic	Use Barricades/Caution Tape
No	Biological hazard	Use universal precautions
Yes	Noise / vibration	Use appropriate hearing protection.
Yes	Hazardous Atmosphere	Refer to Section 5 of the Std HASP
Yes	Chemical Hazards/Exposure	Refer to Section 5 of the Std HASP

5.2 Required Personnel Protective Equipment

All field activities require **Level D PPE** at a minimum.

5.3 Location of Safety Equipment

Include a list and the locations of ALL safety equipment that is available for immediate use.

Table 2: Location of Safety Equipment and Shelter

Safety Equipment Item	Location
First aid kit	Inside field safety kit in company vehicle
Blood Born Pathogen kit	Inside field safety kit in company vehicle
Eye wash	Eye wash bottle inside field safety kit in company vehicle
MSDS station	Three ring binder in field safety kit in company vehicle
Emergency phone	911
Evacuation rally area or shelter	Near facility entrance

5.4 Safety Programs Utilized

Based on the site specific hazard analysis, the following programs must be implemented and will require completion of the accompanying forms found in the appendices located in the **Standardized Information - HASP**.

Table 3: KERAMIDA Safety Programs Utilized

Site Specific Program	Required for Project Yes or No	Appendix in Standardized Information-HASP
Daily Safety Meeting	Yes	C
Heavy Equipment Operation	Yes	I
Back injury Hazard	Yes	Refer to section 5
Drilling, Welding, Cutting	Yes	Refer to section 5
Noise	Yes	D
Hazardous Atmosphere	Yes	D
Chemical Hazard/Exposure	Yes	Refer to section 5

6.0 Emergency Phone Numbers and Hospital Location

6.1 Emergency Phone Numbers

In the event of any emergency, contact Health and Safety Coordinator and/or Project Manager and other appropriate personnel listed below.

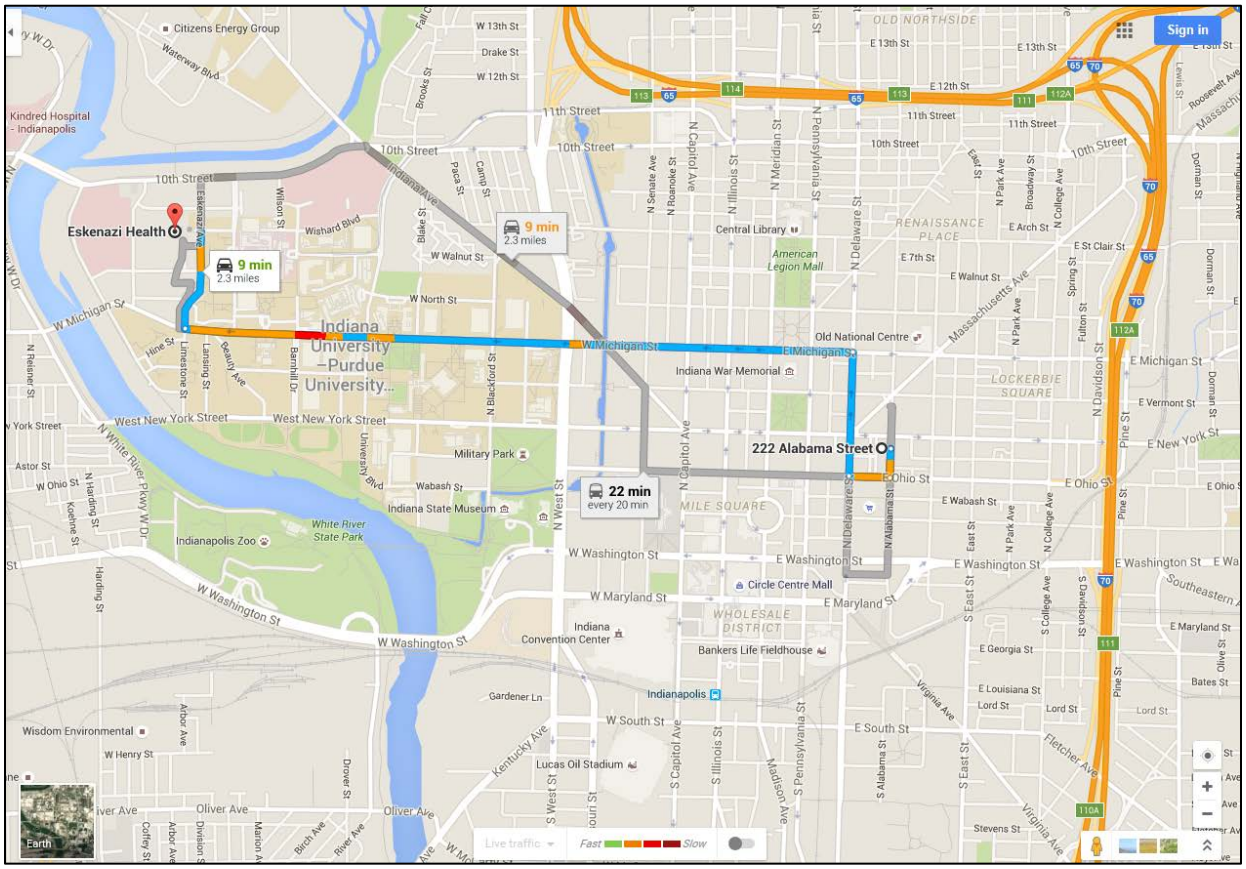
Table 4: Emergency Phone Numbers

Agency	Phone Number
Ambulance	911
Fire	911
Police	911
Poison Control	NA
IU Methodist Medical Center	911 or (317) 962-2000
IDEM Emergency Response	(888) 233-7745
Project Manager	Kristopher Orton, (309) 370-5533
Health & Safety Coordinator	Trent Blake, (317) 557-2228
Client Contact	Piers Kirby, (317) 327-5131

Table 5: Utility Marker Emergency Telephone Numbers

Utility	Color Code	Telephone Number
Citizens Water	Blue	811
Citizens Gas	Yellow	811
IPL Electric	Red	811
AT&T Telephone	Orange	811
	Pink	811
Citizens Utility (Sewer)	Green	811
Dig Safe Telephone Number:	811 or (800) 382-5544	

6.2 Hospital Location Map



HOSPITAL DIRECTIONS:	HOSPITAL INFORMATION:
1. Head south on N Alabama towards E Ohio St (360 ft) 2. Turn right onto E Ohio St(0.1mi) 3. Turn right onto N Delaware St (0.3mi) 4. Turn left onto E Michigan St (1.6 mi) 5. Turn right onto Eskenazi Avenue (0.2 mi)	**Eskenazi Health** **720 Eskenazi Avenue** **Indianapolis, IN 46202** **Phone: Emergency 911** **General:** (317) 880-0000

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parking Lot
222 North Alabama Street
Indianapolis, Marion County, Indiana

Prepared for:

Mr. Cameron Starnes
Assistant Administrator - Brownfield Redevelopment
Department of Metropolitan Development
Office of Mayor Greg Ballard – City of Indianapolis
200 E. Washington Street, Suite 2042
Indianapolis, IN 46204

Prepared by:

IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, IN 46214
(317) 347-1111

Project IN15010-01

February 18, 2015

TABLE OF CONTENTS

Page

TABLE OF CONTENTS i

APPENDICES ii

1.0 EXECUTIVE SUMMARY 1

1.1 Findings and Opinions 1

1.2 Conclusions 2

2.0 INTRODUCTION 4

2.1 Purpose 4

2.2 Scope of Services 5

2.3 Standard of Care and Reliance 6

2.4 Limitations and ASTM E1527-05 Exceptions of the Assessment 6

3.0 PROPERTY OVERVIEW 8

4.0 USER-PROVIDED INFORMATION 9

4.1 Environmental Liens or Activity and Use Limitations 9

4.2 Specialized Knowledge 9

4.3 Valuation Reduction for Environmental Issues 10

4.4 Commonly Known or Reasonably Ascertainable Information 10

4.5 Reason for Performing Phase I 10

4.6 Other Information 10

5.0 RECORDS REVIEW 11

5.1 Federal Database Review 11

5.1.1 Site Listings 11

5.1.2 Adjacent Property Listings 12

5.1.3 Site Area Listings 12

5.2 State Database Review 13

5.2.1 Site Listings 14

5.2.2 Adjacent Property Listings 14

5.2.3 Site Area Listings 14

6.0 PHYSICAL SETTING INFORMATION REVIEW 17

6.1 Topographic Map Information 17

6.2 Surface Water Characteristics 17

6.3 Soil and Bedrock Characteristics 17
6.4 Groundwater Characteristics 18

7.0 HISTORICAL INFORMATION REVIEW 19
7.1 Site Ownership 19
7.2 Aerial Photographs 19
7.3 City Directories 20
7.4 Historical Fire Insurance Maps 21

8.0 RECONNAISSANCE 23
8.1 General Site Setting 23
8.2 Reconnaissance: Descriptions of Adjoining Properties 24

9.0 INTERVIEWS 26
9.1 Interview with Owner, Site Manager and/or Occupants 26
9.2 Interview with Local Government Officials 26

10.0 TIER 1 VAPOR ENCROACHMENT SURVEY 27

11.0 DATA GAPS 28

12.0 ADDITIONAL SERVICES 29

13.0 DEVIATIONS 30

14.0 REFERENCES 31

15.0 PROFESSIONAL STATEMENT 32

APPENDICES

Appendix A Site Maps
Appendix B Site Photographs
Appendix C User Provided Information
Appendix D Regulatory Database Reports
Appendix E Historical Aerial Photographs
Appendix F Historical City Directory Listings
Appendix G Historical Fire Insurance Maps
Appendix H Records of Communication
Appendix I IWM Consulting Group Personnel Qualifications

1.0 EXECUTIVE SUMMARY

IWM Consulting Group, LLC (IWM Consulting) conducted this Phase I Environmental Site Assessment (ESA) of the parking lot property located at 222 North Alabama Street, Indianapolis, Marion County, Indiana, (herein referred to as the site) as authorized by the City of Indianapolis. The assessment was conducted in accordance with American Society for Testing and Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

The following is a brief summary of our report. Please refer to the full text of this report in its entirety for a comprehensive understanding of the information presented in this Executive Summary, as specifics are not fully discussed in this section.

1.1 Findings and Opinions

IWM Consulting's findings and opinions for the Phase I ESA conducted for the site are summarized as follows:

Current Site Conditions. The site consists of a paved vehicle parking lot that contains approximately 0.75 acres. A small attendant's booth is located at the center of the site, and two air conditioning compressor units associated with the building on the property adjacent to the south are located on the southwest corner of the site. No evidence of *hazardous substances* and/or *petroleum products* was observed on the site or on the properties adjacent to the site.

Historical Summary. Historical review indicates the site has been developed since the late 1800s. The first on-site development noted on readily available documents consisted of residences and an old church building that was occupied by a box factory. Subsequent site occupants included a laundry facility from at least 1914 through 1919, printing companies from 1929 through 1974, an auto service facility and gasoline station in 1939, an automobile facility in 1943, and a tire sales and service company from 1943 through 1964. Environmental concerns associated with these site occupants include the possible use of chemicals and solvents by the laundry and printing company, and the possible storage and/or use of petroleum products and solvents at the automobile sales and service facilities. Historical fire insurance maps show three gasoline storage tanks were located at the gasoline station on the north central portion of the site. No information is readily available regarding the status of the storage tanks. The site has been a vehicle parking lot since the late 1970s. The historical operations of these facilities on the site represent a *Recognized Environmental Condition* (*REC*) for the site.

Regulatory Review Summary. Review of regulatory agency databases required by ASTM E1527-13 showed that the site is registered as a State Brownfield Property. No documents or additional details concerning the listing of the site as a Brownfield were provided in the Indiana Department of Environmental Management's (IDEM's) Virtual File Cabinet (VFC).

Review of the regulatory agency databases for properties within distances as specified by ASTM E1527-13 revealed 39 listings for properties in the site area. Based on the distances of the properties from the site, the current status of the properties, and/or the location of the properties relative to the site, the listed properties are not *RECs* for the site at this time.

Interview Summary. Mr. Cameron Starnes with the City of Indianapolis Department of Metropolitan Development stated the site has been used as surface parking for the properties adjacent to the site. He is not aware of the storage and/or use of *hazardous substances* and/or *petroleum products* on the site. Mr. Starnes has no knowledge of any environmental cleanup activities or other environmental concerns on the site.

Personnel with the Marion County Health Department stated that no reports of environmental concerns have been filed with the Health Department.

The Indianapolis Fire Department was contacted for information regarding potential environmental concerns at the site, but a response from the Fire Department was not received by the date of this report.

Vapor Encroachment Screening (*VES*). A Tier I *VES* was conducted for the site using standard environmental record sources. Because of the historical usage of the site as a laundry facility, printing companies, a gasoline station, and automobile service facilities, a *Vapor Encroachment Condition* (*VEC*) cannot be ruled out at the site.

Significant Data Gaps. Individuals familiar with the operations of the gasoline station, the automobile service facilities, laundry facility, and printing companies were not identified or available for interviews. Because no information is readily available concerning the operations of these facilities, the lack of interviews with individuals familiar with the historical usage of the site is a significant data gap for the site.

1.2 Conclusions

IWM Consulting has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the parking lot property located at 222 North Alabama Street, Indianapolis, Indiana. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has identified the following *Recognized Environmental Conditions* in connection with the site property:

- Historical review indicates the site was occupied by a laundry facility, printing companies, an auto service facility and gasoline station, an automobile sales facility, and a tire sales and service company at various times from at least 1914 through 1974. Details concerning the operations of these facilities are not readily available. Three gasoline storage tanks for the gasoline station were shown on the north-central portion of the site on historical fire insurance maps, but no information is available concerning the status of the tanks. These types of facilities typically utilize *hazardous substances* and/or *petroleum products* in their operations. Further investigation is necessary to determine if

the storage tanks from the former gasoline station were removed from the site and to determine if soil and/or groundwater have been adversely impacted by releases of *hazardous substances* and/or *petroleum products* by past site occupants.

- The site is registered as a Brownfield Property with IDEM. Because no information is readily available regarding the listing of the site as a Brownfield, this listing is a *REC* for the site.

This summary is provided for the reader's convenience and is part of the complete report. Interpretation of this summary should be considered incomplete without reviewing the full Phase I ESA report and associated appendices. The reader is directed to the report text for additional information regarding areas and conditions of potential environmental concern.

2.0 INTRODUCTION

IWM Consulting conducted this Phase I Environmental Site Assessment (ESA) for the City of Indianapolis (Client) of the parking lot property located at 222 North Alabama Street, Indianapolis, Marion County, Indiana (the site). Our services were conducted in accordance with the American Society for Testing and Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (referred to as ASTM E1527-13).

2.1 Purpose

The purpose of this ESA was to determine the existence of "*Recognized Environmental Conditions*" (*RECs*) in connection with the site using an approach conforming to ASTM E1527-13. *RECs* are defined in ASTM E1527-13 as the "presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*."

The definition of a *release* under CERCLA includes a number of exclusions, but does include contamination that is the direct result of a *release* into the environment from a non-natural source that migrates into a building or structure. For the purposes of the ASTM E1527-13 practice, *migrate* and *migration* refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

A *REC* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (e.g., property restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*) is defined as a *controlled REC* (*CREC*). A *CREC* shall be identified as a *REC* in the conclusions section of this report; however, the identification of a condition as a *CREC* does not imply that the environmental professional conducting the Phase I ESA has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented. A *CREC* differs from a *historical REC* (*HREC*) in that a *HREC* refers to a past *release* of *hazardous substances* or *petroleum products* that has occurred in connection with the site and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the site to any required controls.

RECs include *hazardous substances* or *petroleum products* even under conditions in compliance with laws but do not include "*de minimis* conditions that generally do not present a material risk of harm to public health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." Conditions determined to be *de minimis* are not *RECs*.

2.2 Scope of Services

The Scope of Services included a review of historical records and regulatory database information, a reconnaissance of the site and adjoining properties, interviews (historical and with those currently familiar with the site, where available), and preparation of this report.

Records were reviewed given that they were "reasonably ascertainable." ASTM E1527-13 defines "reasonably ascertainable" as "information that is publicly available, obtainable from its source within reasonable time and cost restraints, and is practically reviewable." The document examination generally includes the following tasks (refer to the agreed-upon scope of work):

- At a minimum, review of historical aerial photographs, city directories, and fire insurance maps of the site and adjoining properties. If these are not available, the Report will include a statement regarding the lack of availability.
- Review of property title records if provided by the Client, unless otherwise agreed.
- Review of regulatory database provider report of Federal, state, and local listings for the site and other properties/facilities found within the search distances specified by ASTM E1527-13.

The reconnaissance included the following tasks:

- Visual observations of the site to identify indications of *RECs*, such as above ground storage tanks (ASTs) and underground storage tanks (USTs), stained soil or floor areas, vegetative stress, filled areas, waste or material dumping.
- Interviews with the current owner and/or key site manager or other person as designated by the owner regarding the site's current and past uses and information of environmental significance.
- Inquiries to appropriate local government offices (e.g., Fire Department or Health Department).
- Observations of adjoining properties (from site boundaries and public rights-of-way).

Photographic documentation and site diagrams are additional services that are not required by the ASTM E1527-13 Standard and are included at the discretion of the Environmental Professional.

Utilizing the information collected for the site during the Phase I ESA, a Tier 1 Vapor Encroachment Screening (VES) was conducted for the site according to guidance and processes provided in ASTM Designation E2600-10: *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (ASTM E2600-10). The objective of a VES is to determine if a *vapor encroachment condition* (*VEC*) exists, likely exists, or cannot be ruled out and provide information to support those conclusions. A *VEC* is defined by ASTM as the "presence or likely presence of *chemicals of concern* (*COC*) vapors in the subsurface of the *target property* caused by the release of vapors from contaminated soil or groundwater or both on or near the *target property* as identified by the Tier 1 or Tier 2 procedures" presented in ASTM E2600-10.

2.3 Standard of Care and Reliance

These Phase I ESA services were performed in a manner consistent with good commercial and customary standards and practices as applied by other consultants conducting similar investigations in the same geographic area during the same time period. No warranties, express or implied, are intended or made. Unless otherwise agreed, this ESA was prepared for the exclusive use and reliance of the **City of Indianapolis** and the **State of Indiana, Department of Natural Resources** for a period not exceeding 180 days from the date of each task performed, subject to the limitations expressed herein. Reliance on the contents of this report after 180 days is at the user's sole risk. Any use of this Phase I ESA or the information contained herein by persons or entities other than the Client (without the express written consent of the Client and IWM Consulting) will be at the sole risk and liability of such persons and entities.

2.4 Limitations and ASTM E1527-13 Exceptions of the Assessment

Findings, conclusions, and recommendations referenced herein are based upon, and limited to, those observations made during the listed reconnaissance date.

The site area included in this ESA was based upon available property lines, site surveys, property plat maps, verbal descriptions provided to IWM Consulting by the Client, and/or field observations (roadways, utilities, mow lines, etc.) observed by IWM Consulting's representative during the site reconnaissance. The information regarding the adjoining properties was obtained by visual reconnaissance from the subject site and/or public roads, and information obtained from record reviews and interviews with representatives of the site owner.

As indicated in the ASTM E1527-13 the "…practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations (AUL)." As indicated in IWM Consulting's proposal, liens and AUL information developed for the site by others and provided to IWM Consulting prior to the generation of this report would be incorporated into IWM Consulting's review. User information regarding liens and AULs is presented in Section 3.0 of this ESA.

Phase I ESAs are limited to specific inquiries and are based upon records, reviews, and opinions rather than invasive testing services. Therefore, IWM Consulting cannot eliminate uncertainty as to environmental conditions at the site. Nor can we represent that the site contains no hazardous, petroleum or other products or substances (or other latent conditions) beyond those identified or observed from this scope of work. Information in this report is based upon the site's current use(s) and information obtained prior to issuance of the final report. IWM Consulting does not warrant the accuracy of information obtained from interviewees or other third party sources of information (such as other environmental firms, database companies or title companies).

Environmental issues or conditions may exist at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM E1527-13 (non-scope considerations). Examples of non-scope considerations include, <u>but are not limited to</u>, asbestos

containing buildings materials, radon, wetlands, lead-based paint, lead in drinking water, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological issues, indoor air quality unrelated to *releases* of *hazardous substances* or *petroleum products* into the *environment*, biological agents, mold, and high voltage power lines. These non-scope issues or conditions can be assessed during the ESA at the request of the Client.

Please note that no Phase I ESA can wholly eliminate uncertainty regarding the potential for *RECs* in connection with the site. Referring to the procedures in ASTM E1527-13 will reduce, but not eliminate, these uncertainties. It is possible, therefore, that all *RECs* or relevant environmental issues may not have been identified. The failure to discover these, using a reasonable and mutually agreed upon scope of services, does not guarantee the absence of such *RECs* or issues, but only that they were not found as a result of this assessment. The services herein are in no way to be construed or relied upon as a legal interpretation, opinion or advice.

3.0 PROPERTY OVERVIEW

The site is located at 222 North Alabama Street, Indianapolis, Marion County, Indiana. Geographically, the site is located in the southwest ¼ of Section 1, Township 15 North, Range 3 East in Marion County as shown on the Indianapolis West, Indiana 7.5 minute USGS topographic quadrangle map. More specifically, the center of the site is located at approximately 39.7708º latitude and -86.153037º longitude. The property parcel number is 49-11-01-240-076.000-101.

The site consists of an asphalt paved vehicle parking containing approximately 0.75 acres. A small attendant's booth is located near the center of the site. Historical review indicates the site was occupied by residences and commercial facilities from at least the late 1800s until the mid-1970s. All site structures were removed by the late 1970s and the site has been used as a vehicle parking lot since that time.

The site is located in the Indianapolis, Indiana, central business district, approximately 0.3 mile northeast of Monument Circle in downtown Indianapolis. Properties in the immediate site vicinity are occupied by office buildings, residential apartment, and the Old Indianapolis City Hall (currently occupied by Plan 2020, a planning commission for the City of Indianapolis).

A topographic site location map and site area map are presented in **Appendix A**. Photographs of the site taken during the site reconnaissance are presented in **Appendix B**.

4.0 USER-PROVIDED INFORMATION

The U.S. EPA's All Appropriate Inquiry (AAI) rules places emphasis on "User" obligations. As specified in the ASTM E1527-13 standard, certain responsibilities lie with the "user" of the assessment, who is defined as the party seeking to use ASTM E1527 to complete an *environmental site assessment* of the site property and may include, without limitation, a potential purchaser, an owner of the property, a lender, a property manager, or a potential tenant of the property. The User has specific obligations for completing a successful application of the ASTM E1527-13 practice for performing certain tasks that will help identify the possibility of *RECs* in connection with the property that do not require the technical expertise of an *environmental professional*. The required tasks/information include; (1) a search for environmental cleanup liens filed or recorded against the site, (2) activity use limitations in place on the site, (3) specialized knowledge or experience related to the property or nearby property, (4) relationship of the purchase price being paid for the property to the fair market value, if not contaminated, (5) commonly known or reasonably ascertainable information about the property, and (6) any obvious indications pointing to the presence, or likely presence, of contamination at the property. Although the AAI Rules and ASTM E1527-13 do not require the *User* to share this information with the *environmental professional*, failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

IWM Consulting provided a user information questionnaire containing the aforementioned questions to the User of this report. Mr. Cameron Starnes, Assistant Administrator for the Indianapolis Brownfield Redevelopment Program, completed the User information questionnaire and returned it to IWM Consulting prior to the generation of this report. His responses are summarized in the following sections. A copy of the completed user questionnaire is presented in **Appendix C**.

4.1 Environmental Liens or Activity and Use Limitations

Mr. Starnes has no knowledge of environmental liens or Activity Use Limitations (AULs), such as engineering controls, land use restrictions, or institutional controls, that have been filed for, or recorded against, the site under federal, tribal, state or local law. He indicated that a search of land title records for environmental liens and AULs has not been conducted.

4.2 Specialized Knowledge

Mr. Starnes has no specialized knowledge or experience material to identifying *RECs* related to the site.

4.3 Valuation Reduction for Environmental Issues

Mr. Starnes stated he has no reason to believe the purchase price for the site has been reduced in comparison to fair market value due to contamination known, or believed to be, present on the site.

4.4 Commonly Known or Reasonably Ascertainable Information

Mr. Starnes stated the site has been used as surface parking for the properties adjacent to the site. He has no knowledge of the storage of *hazardous substances* or *petroleum products* on the site or of any releases or cleanups of *hazardous substances* or *petroleum products* on the site. He is not aware of any commonly known or reasonably ascertainable information that is indicative of releases or threatened releases of *hazardous substances* or *petroleum products* at the site. He has no knowledge of any obvious indicators that point to the presence or likely presence of contamination at the site.

4.5 Reason for Performing Phase I

Mr. Starnes stated the Phase I ESA is being conducted to satisfy one of the requirements to qualify for Landowner Liability Protections associated with the purchase of commercial property.

4.6 Other Information

Mr. Starnes has no knowledge of any previous environmental investigations or reports for the site.

5.0 RECORDS REVIEW

This section presents a summary of the results of an Environmental Risk Information Services (ERIS) regulatory database search for the site and properties within distances of the site as specified in ASTM E1527-13. A copy of the database report is provided in the **Appendix D**. Identification or confirmation of database listings shown as "unmappable or orphan sites" was out-of-scope. Local government inquiries are presented in *Section 8.2 – Interviews with Local Government Officials*. When referring to "up-gradient, cross or side-gradient and down-gradient," this usage refers only to the topographic gradient. Groundwater gradient and flow direction often mirror topography (actual groundwater gradient and flow direction cannot be confirmed without information obtained from on-site or nearby wells).

The names listed for the registered facilities and/or incidents in the following sections are those presented in the ERIS database report. Facilities registered in more than one database may have different facility names reported in the databases.

5.1 Federal Database Review

Federal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
Federal National Priorities List (NPL) Search Distance – 1 mile	N	0
Federal Delisted NPL Sites Search Distance – ½ mile	N	0
Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS) Search Distance – ½ mile	N	**1**
CERCLIS – No Further Remedial Action Planned (NFRAP) Search Distance – ½ mile	N	**1**
Resource Conservation & Recovery Act (RCRA) Generators Search Distance – Site and Adjoining properties	N	**2**
RCRA Corrective Action (CORRACTS) Search Distance – 1 mile	N	**1**
RCRA Treatment, Storage & Disposal (TSD) Search Distance – ½ mile	N	**1**
Emergency Response Notification System (ERNS) Search Distance – Site only	N	0
Federal Institutional Control/Engineering Control Registries Search Distance – Site only	N	0

Details provided for the listed facilities are summarized in the following sections.

5.1.1 Site Listings

The site was not listed on the reviewed Federal regulatory databases.

5.1.2 Adjacent Property Listings

RCRA Hazardous Waste Generators. The following facilities on properties adjacent to the site are registered as generators of hazardous wastes under RCRA.

- Tuchman Cleaners 15 located at 304 East New York Street, adjacent to the northeast and down-gradient from the site, is registered as a small quantity generator of hazardous wastes (EPA ID IND981953243). The current status of the facility indicates it is no longer generating hazardous wastes. This facility was formerly operated as a laundry dry cleaning facility that used chlorinated solvents in their operations. A spill of tetrachloroethylene (PCE) was reported at the site in 2006. Review of documents on the IDEM Virtual File Cabinet (VFC) show that subsurface investigations conducted at the facility indicated that PCE contamination in the groundwater did not extend beyond the Tuchman Cleaners building and soil contamination did not extend to the site boundary. Based on this information and the current status for the facility, it is not a *REC* for the site.

- The Indiana State Museum located at 202 North Alabama Street, adjacent to the south and down-gradient from the site, is registered as a small quantity generator of hazardous wastes (EPA ID INR000106575). The current status of this facility indicates it is no longer generating hazardous wastes. Wastes formerly generated consisted of ignitable waste, corrosive waste, and methyl ketone. No violations of RCRA regulations were reported for this facility and no releases of hazardous wastes have been reported. Based on this information, this facility is not a *REC* for the site.

5.1.3 Site Area Listings

CERCLIS Properties. The following properties within 0.5 mile of the site are registered on the CERCLIS List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Hub States 419 East Washington Street	0.3 mile southeast/ Down-Gradient	IND039995279	Assigned to archive list 7/1/1985. No further remedial action planned.

Based on the distance of this facility from the site and the reported status for this facility, it is not a *REC* for the site at this time.

CERCLIS NFRAP Properties. The following properties within 0.5 mile of the site are registered on the CERCLIS NFRAP List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Hub States 419 East Washington Street	0.3 mile southeast/ Down-Gradient	IND039995279	Assigned to archive list 7/1/1985. No further remedial action planned.

Based on the distance of this facility from the site and the reported status for this facility, it is not a *REC* for the site at this time.

RCRA TSD Facilities. The following facilities within 0.5 mile of the site are registered on the TSD List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Mechanics Laundry & Supply 711 East Vermont Street	0.4 mile northeast/ Down-gradient	IND984901868	Large quantity generator of hazardous wastes. Four violations of RCRA regulations reported in 1993; all violations resolved in 1993. No details regarding TSD activities provided.

Based on the distance of this facility from the site and its reported status, it is not a *REC* for the site at this time.

RCRA CORRACTS Facilities. The following facilities within one (1) mile of the site are registered on the CORRACTS List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Carl E. Most & Son, Inc. 401 West South Street	0.9 mile southwest/ Down-gradient	INR000017749	Conditionally exempt small quantity generator. Proposed agreed order sent 2000, returned to compliance in 2002. Facility investigation deemed to not be necessary in 2009.

Based on the distance of this facility from the site and the reported status of the facility, it is not a *REC* for the site at this time.

5.2 State Database Review

State & Tribal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
State & Tribal Hazardous Waste Facilities Search Distance – 1 mile	N	0
State & Tribal Equivalent NPL Search Distance – 1 mile	N	0
State & Tribal Equivalent CERCLIS Search Distance – ½ mile	N	0
State & Tribal Landfills and/or Solid Waste Disposal Facilities Search Distance – ½ mile	N	0
State & Tribal Leaking Underground Storage Tank (LUST) Search Distance – ½ mile	N	**20**
State & Tribal Registered Underground Storage Tank (UST) Search Distance – Site and Adjoining properties	N	0
State & Tribal Institutional/Engineering Control Registries Search Distance – Site only	N	0

State & Tribal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
State & Tribal Voluntary Cleanup Sites (VCP) Search Distance – ½ mile	N	**2**
State & Tribal Brownfield Sites Search Distance – ½ mile	**Y**	**10**
State & Tribal Spills Search Distance – Site and Adjoining Properties	N	**1**

Details provided for the listed facilities are summarized in the following sections.

5.2.1 Site Listings

Brownfield Property. Although not listed in the ERIS report, a review of the IDEM VFC revealed the site has been listed as a Brownfield (ID 4150106). The site is identified as Parking Lot at 222 North Alabama Street in Indianapolis. No other documents or information regarding the listing of this property as a Brownfield was included in the VFC. Because of the lack of information for this listing, the listing of the site as a Brownfield is a *REC* for the site.

5.2.2 Adjacent Property Listings

Spill Incidents. The following spill incidents were reported on properties adjacent to the site.

- Tuchman Cleaners located at 304 East New York Street, adjacent to the northeast and topographically cross-gradient from the site, is registered for a spill of PCE in 2006 (Release Incident 200605114). Tuchman Cleaners has declared bankruptcy and the facility is no longer in operation. Review of documents on the IDEM VFC indicates that soil contamination from the release did not extend to the site. Groundwater flow beneath the property is to the southwest, toward the site, but the investigation results indicated groundwater contamination on the property did not extend beyond the footprint of the Tuchman Cleaners building. Based on this information, this spill is not a *REC* for the site.

5.2.3 Site Area Listings

Leaking UST Release Incidents. The following properties within 0.5 mile of the site are registered on the LUST List:

Facility Name	Distance/Gradient from Site	Incident Number	Media Affected	Status
Two Market Square Center 251 East Ohio Street	250 feet south/ Down-gradient	200207136	Soil and Groundwater	No Further Action – Unconditional Closure
Market Square Center Building 151 North Delaware Street	0.1 mile southwest/ Down-gradient	199811531	Soil	No Further Action – Unconditional Closure
NBD Bank 1 Indiana Square #7043	0.1 mile west/ Cross-gradient	199912563	Soil	No Further Action – Unconditional Closure
Market Square Arena 300 East Market Street	0.1 mile southeast/ Down-gradient	200207505	Soil	No Further Action – Unconditional Closure

Facility Name	Distance/Gradient from Site	Incident Number	Media Affected	Status
Downtown Citgo 441 East Ohio Street	0.2 mile southeast/ Down-gradient	199607516	Soil	No Further Action – Unconditional Closure
Bank One 110 North East Street	0.2 mile southeast/ Down-gradient	198903142	Soil	No Further Action – Unconditional Closure
AT&T Indianapolis N20108 240 North Meridian Street	0.2 mile west/ Down-gradient	200803502	Soil	No Further Action – Unconditional Closure
		200709509	Not reported	Discontinued (No release confirmed)
AT&T Indiana Telephone 220 North Meridian Street	0.2 mile west/ Down-gradient	200511512	Free product	No Further Action – Unconditional Closure
Teledyne National Tracing Paper 600 East Ohio Street	0.3 mile southeast/ Down-gradient	199511515	Soil	No Further Action – Unconditional Closure
Pierson Street Associates Ltd. 251 North Illinois Street	0.3 mile west/ Down-gradient	200302504	Soil	No Further Action – Unconditional Closure
Indpls DOT Downtown Fuel Ctr. 144 South Alabama Street	0.4 mile south/ Down-gradient	200009512	Soil	No Further Action – Unconditional Closure
Goodyear ASC 6720 627 North Delaware Street	0.4 mile north/ Up-gradient	199409521	Soil	No Further Action – Unconditional Closure
Indianapolis Downtown Heliport 51 South New Jersey Street	0.4 mile southeast/ Up-gradient	199806534	Soil	No Further Action – Unconditional Closure
		199401041	Soil	No Further Action – Unconditional Closure
City of Indianapolis-Dehd 30 West Washington Street	0.4 mile southwest/ Down-gradient	19901353	Soil	No Further Action – Unconditional Closure
A1 Downtown Car Care 134 South Delaware Street	0.4 mile south/ Down-gradient	199705521	Soil and Groundwater	Active
National City Center 101 West Washington Street	0.4 mile southwest/ Down-gradient	201011502	Soil	No Further Action – Unconditional Closure
Greyhound Lines, Inc. 127 North Capital Avenue	0.4 mile west/ Down-gradient	199003544	Soil	No Further Action – Unconditional Closure
A. Brinstein, Inc. 200 South East Street	0.5 mile southeast/ Down-gradient	199211511	Soil	No Further Action – Unconditional Closure

Based on the reported statuses for these release incidents and/or the distance of the properties from the site, these releases are not *RECs* for the site at this time.

Brownfields Properties. The following properties within 0.5 mile of the site are registered as Brownfields Properties:

Property Name	Distance/Gradient From Site	Brownfield ID	Status
Five Indiana Square Property 241 North Pennsylvania Street	0.1 mile west/ Up-gradient	4090607	No Further Action letter issued 10/2/2009. Environmental Restrictive Covenant (ERC) prohibits water wells on the property.
Indianapolis Newspapers 307 North Pennsylvania Street	0.1 mile northwest/ Up-gradient	4130808	Chlorinated solvents are present in indoor air in the property building. Soil and groundwater contamination are not reported off-site.

Property Name	Distance/Gradient From Site	Brownfield ID	Status
Bank One Parking Garage 101 North New Jersey Street	0.2 mile southeast/ Down-gradient	4100405	Comfort Letter issued 7/2/2010. ERC prohibits agricultural or residential use, water wells, or occupation without vapor mitigation system.
Maxwell Residential Development 520 E. Ohio and 515 E. New York	0.2 mile southeast/ Cross-gradient	4090306	Comfort Letter issued 5/12/2009. No ERC recorded.
Indianapolis CW Assessment 200 East Washington Street	0.2 mile south/ Cross-gradient	4750101	Government oversight provided. ERC not recorded.
Indianapolis FMG Cleanup 200 East Washington St., Rm 2042	0.2 mile south/ Cross-gradient	4750310	Government oversight provided. ERC not recorded.
Former Indiana Bell Telephone 450 East Washington Street	0.3 mile southeast/ Down-gradient	4120807	Comfort Letter requested 8/21/2012. ERC not recorded.
North Lockerbie Apartments 510 North College Avenue	0.4 mile southwest/ Cross-gradient	4121008	Brownfields Determination Letter 10/24/2012. ERC not recorded.
Town Homes & Retail Building 151 South East Street	0.4 mile southeast/ Down-gradient	4040026	Site Status Letter 9/8/2005. Comment Letters issued 10/13/2004, 8/21/2007, and 10/20/2010. ERC prohibits agricultural use, water wells, and excavation below 16 feet, and requires a vapor mitigation system on the property buildings.
Indianapolis Card Mart 355 North Indiana Street	0.5 mile southeast/ Down-gradient	4110412	Comfort Letter issued 8/2/2011. ERC not recorded.

Based on the reported statuses of these properties and/or their distances and directions from the site, they are not *RECs* for the site at this time.

VCP Facilities. The following facilities within 0.5 mile of the site are registered in the VCP:

Property Name	Distance/Gradient From Site	VCP ID	Status
131 North Alabama Street Property 131 North Alabama Street	350 feet southeast/ Down-gradient	6080601	Active. Project has a signed contract with the VRP. Soil and groundwater contamination have not migrated off of the property. Groundwater flow is toward the southwest, away from the site.
Progress Linen 711 East Vermont Street	0.4 mile northeast/ Down-gradient	6030701	Active. Project has signed a contract with the VRP.

Based on the reported statuses for these properties and/or the distance and direction of the property from the site, they are not *RECs* for the site at this time.

6.0 PHYSICAL SETTING INFORMATION REVIEW

The following section presents information as to the site's physical setting. Note the terms "up-gradient, cross or side-gradient and down-gradient" may be used in this report and refer to the topographic gradient. Groundwater flow direction and gradient often mirror topography. However, the groundwater flow direction and the depth to any shallow groundwater may vary based upon many factors, including seasonal changes (e.g., precipitation amounts), subsurface soil types and conditions, and the depth to the soil/bedrock interface. Actual groundwater gradient, depth, and flow directions cannot be confirmed without information obtained from groundwater monitoring wells installed on the site and/or nearby properties.

6.1 Topographic Map Information

The site is part of the southwest ¼ of Section 1, Township 15 North, Range 3 East in Marion County as shown on the Indianapolis West, Indiana 7.5 minute series topographic quadrangle map prepared by the United States Geological Survey. The elevation of the site is approximately 715 feet above mean sea level. The topography of the site and the surrounding area is generally level. A copy of the topographic map for the site area is presented in **Appendix A**.

6.2 Surface Water Characteristics

The nearest surface water feature to the site is Pogue's Run located approximately 4,000 feet northeast and down-gradient of the site. The White River is located approximately 1.1 miles west and down-gradient from the site. The site is not located within the 100-year or 500-year flood plains of Pogue's Run or the White River.

6.3 Soil and Bedrock Characteristics

According to the United States Department of Agriculture Soil Survey of Marion County, Indiana, the subject site is located on the Urban land-Fox-Ockley soil association. These soils consist of Urban land and well drained, nearly level to moderately sloping soils that are moderately deep and deep over sand and gravel. The soils formed in loamy outwash and the underlying gravelly sand and sand or in loamy outwash over the gravelly sand. The specific soil type on the site was identified as follows:

> **Urban land-Fox Complex, 0 to 3 percent slopes** – The Urban land portion of this complex consists of land that is so altered and obscured by public works and structures that identification of the soils is not feasible. The Fox portion of the complex is composed of loam, clay loam, gravelly clay loam, and very gravelly coarse sand. It varies in depth from 0 inches to 60 inches. The Soil Survey indicates the permeability of this soil is moderately high to high. The risk of corrosion to uncoated steel in this soil is not rated.

The Bedrock Geologic Map of Indiana shows bedrock beneath the site is the Muscatatuck Group of Devonian Age. The Muscatatuck Group consists of limestone and dolomite. The depth to bedrock near the site is approximately 100 feet.

6.4 Groundwater Characteristics

Information regarding groundwater conditions specifically for the site is not readily available. Subsurface investigations conducted on properties near the site indicate that shallow groundwater is present in the area at a depth of approximately 30 feet below the ground surface (bsg). The flow direction of the shallow groundwater in the site area has been determined to flow to the southwest.

In general, groundwater in Marion County is obtained primarily from surficial sand and gravel aquifers, buried sand and gravel aquifers, and carbonate bedrock aquifers. The surficial sand and gravel consists of Wisconsinan and older glaciofluvial or fluvial sand and gravel and minor windblown deposits in the form of dune sands. The surficial sand and gravel aquifer is generally unconfined along rivers and hydraulically connected to buried sand and gravel aquifers in places. Recharge to the aquifer is from direct infiltration of precipitation. Streams can also function as recharge sources during times of drought or heavy pumping. The thickness of the surficial sand and gravel aquifer varies from 10 to 150 feet. Well yields from surficial the sand and gravel aquifer range from 100 gallons per minute to 2,000 gallons per minute.

Buried sand and gravel aquifers were deposited as outwash-plain deposits, valley fill, thin sheets of stratified drift, and small pockets of coarse-grained glaciolacustrine sediment. Where these deposits are continuous, they can be sources of large amounts of water. The buried sand and gravel aquifers are usually confined by layers of low-permeability till. Recharge is probably by infiltration of precipitation through confining layers. The thicknesses of buried sand and gravel aquifers range from 5 feet to 50 feet. Well yields from these aquifers range from 10 to 250 gallons per minute.

Carbonate bedrock aquifers are present beneath the Marion County area. Shales and limestones of Ordovician age are overlain by carbonate rock sequences of Silurian and Devonian age. Silurian and Devonian carbonate bedrock aquifers are preferred as water sources over Ordovician age aquifers. The Silurian and Devonian carbonate rocks were once exposed and underwent some karst development. These bedrock deposits are now covered by glacial deposits. It is the weathered zone in the carbonate rocks that is most likely to produce significant amounts of water because of solution enhanced bedding planes, joints, and fractures. Recharge to the carbonate aquifers is mostly by infiltration and percolation of rainwater through overlying glacial deposits. Thicknesses of carbonate bedrock aquifers range from 40 to 300 feet, but only the upper 150 feet is generally tapped. Well yields of more than 100 gallons per minute are possible from these aquifers.

7.0 HISTORICAL INFORMATION REVIEW

This section presents historical information that is both reasonably ascertainable and readily available as per ASTM guidelines in order to reveal the site's obvious usage from 1940 or its first developed use, whichever is earlier. Reasonable attempts were made to interview those with historical information about the site. Historical records review for non-adjoining properties was out-of-scope.

7.1 Site Ownership

According to information obtained from the Indygov on-line property information service, the site is currently owned by the Indiana State Department of Natural Resources, which acquired the site in 1973. The names of the owners of the site prior to 1973 were not included in the Indygov information service.

7.2 Aerial Photographs

Aerial photographs depicting the site area for the years 1937, 1941, 1956, 1962, 1972, 1986, 1993, 2005, and 2014 were obtained from City of Indianapolis on-line Geographic Information System (http://maps.indy.gov/MapIndy/). The aerial photographs are described below. Note that the scale and clarity of aerial photographs necessarily affect and limit evaluation of features and conditions that may be depicted. Copies of the provided aerial photographs are presented in **Appendix E**.

The 1937, 1941, 1956, and 1962 photographs show the site improved with what appears to be a commercial building over the south portion and a smaller structure on the northwest portion. The central and northeast portions of the site appear to have been a vehicle parking lot. Details of the site buildings cannot be discerned from the photographs. North Alabama Street was located along the east site boundary and East New York was located along the north boundary. The properties adjacent to the site were occupied by commercial buildings and a parking lot to the north, commercial buildings to the east and south, and a parking lot to the west. Properties farther from the site were nearly all improved with commercial structures. No obvious environmental concerns are visible on the site or the adjacent properties on these photographs.

The 1972 photograph shows the north and central portions of the site to be a paved vehicle parking lot. A commercial building was located over the south end of the site, although the north half of the building visible on the south portion of the site on the previous photographs appears to have been removed. Properties adjacent to the site were occupied by parking lots and a narrow commercial building to the north, commercial buildings to the east and south, and a parking lot to the west. An additional parking lot had been constructed to the southeast of the site, across North Alabama Street. Properties farther from the site had remained mostly commercial. Environmental concerns are not visible on the site or adjacent properties on this photograph.

The 1986, 1993, 2005, and 2014 photographs all show the site as a paved parking lot with two small rectangular structures on the southwest corner and what appears to be a small shed or booth near the center of the site. A parking lot and a commercial building were located on the property adjacent to the north of the site, with additional commercial development taking place to the northwest of the site between 2005 and 2014. Commercial buildings were located adjacent to the east, with a parking lot to the southeast of the site from 1986 through 1993. What appears to be an office complex or residential apartments were constructed on the parking lot property southeast of the site between 1993 and 2005. A parking lot was located adjacent to the west of the site and a commercial building was located adjacent to the south of the site on each of these photographs. Properties farther from the site remained mostly commercial. Environmental concerns are not visible on the site or adjacent properties on these photographs.

7.3 City Directories

City directories listings for the site and nearby properties were obtained from Historical Information Gatherers (HIG) of Hopkins, Minnesota. The directories were reviewed at approximate five year intervals for the period between 1914 and 2010. Copies of the provided directory pages are presented in **Appendix F.** The listed occupants of the site and adjacent properties are summarized below. Note that the site address may or may not appear as a listing in directories reviewed.

Review of historical maps for the site area indicates the subject site historically included the odd-numbered addresses between 227 and 239 East New York Street, and the even numbered addresses between 220 and 234 North Alabama Street.

The listed occupants of the site addresses in the provided directories consisted of a variety of commercial facilities, residences, and parking lots. Environmental concerns noted among the names of the commercial facilities on the site included the following:

- The Excelsior Laundry, 222-224 N. Alabama in 1914 and 1919,
- The Indianapolis Printing Company at 222 N. Alabama from 1929 through 1974,
- Excelsior Laundry at 224 N. Alabama in 1929,
- Warren Auto Service at 226 N. Alabama in 1939,
- Koon Motor Sales at 226 N. Alabama in 1943,
- Vaught's Super Service (filling station) at 227-237 E. New York in 1939,
- Arnold Pavy Tires at 227 E. New York in 1943 through 1964

Environmental concerns associated with these site occupants include the possible use of chemicals and solvents by the laundry and printing company, and the possible storage and/or use of petroleum products and solvents at the automobile sales and service facilities.

Potential environmental concerns noted among the listed occupants of the properties adjacent to the site included a gasoline station to the north of the site from 1924 through 1959, the Indianapolis Fire Department adjacent to the east from 1924 through 1974, a printer adjacent to

the east from 1929 through 1934, an automobile repair facility adjacent to the east in 1939, and a dry cleaning facility to the northeast of the site from 2001 through 2010.

7.4 Historical Fire Insurance Maps

Historical fire insurance maps for the site area were reviewed at the Allen County Public Library in Fort Wayne, Indiana. The site was included on maps from 1887, 1898, 1914, 1950, 1965, 1967, and 1969. Information presented on the reviewed historical fire insurance maps is summarized in the following paragraphs. Note that the scale and clarity of such maps necessarily affect and limit evaluation of features and conditions that may be depicted on a particular map. Copies of the reviewed maps are included in **Appendix G**.

The 1887 map shows the site occupied by six residential dwellings and associated outbuildings on the northwest, central, and south portions, and an old church building being used as a box manufacturing company on the northeast corner. Properties adjacent to the site were occupied mostly by residences except for some retail stores and a lumber yard to the southeast. Environmental concerns are not shown on the site or adjacent properties on this map.

The 1898 map shows the site mostly unchanged since 1887 except that the building on the northeast corner of the site was occupied by a church. Properties adjacent to the north, east, and west of the site had remained residential. A sanitarium had been constructed on the property adjacent to the south, and the properties to the southeast were occupied by retail stores, carpenter's shops, and a lumber yard. Environmental concerns are not shown on the site or adjacent properties on this map.

The 1914 map shows residences on the northwest and central portions of the site, a store in the building on the northeast corner, and the Excelsior Steam Laundry on the south portion. A photo gallery was located in the residence on the north-central portion of the site. A boiler is shown in the west end of the cleaners building. A garage with a 280 gallon gasoline UST was located on the property adjacent to the northwest of the site. The properties adjacent to the north and west of the site had remained residential. The Fire Department Headquarters had been constructed on the property adjacent to the west of the site, and the Indianapolis City Hall had been constructed on the property adjacent to the south. The potential use of cleaning solvents at the Excelsior Steam Laundry represents a *REC* for the site, and the gasoline UST on the property northwest of the site is an environmental concern for the site.

The 1950 map shows the site occupied by a gasoline station and a tire sales and service facility on the north portion, a private garage and warehouse on the south-central portion, and the Indianapolis Printing Company on the south portion. The gasoline storage tanks are shown on the north-central portion of the site for the gasoline station. The gasoline storage tanks and the potential use of chemicals and solvents at the printing company represent *RECs* for the site. No information is readily available regarding the status of the storage tanks. An auto repair garage, a gasoline station, and retail stores were located on the properties adjacent to the north of the site, the Fire Department Headquarters was located on the property adjacent to the east, the Indianapolis City Hall was adjacent to the south, and the property adjacent to the west was a

vacant lot. Three gasoline tanks are shown on the gasoline station north of the site. The gasoline station and the auto repair garage represent environmental concerns for the site.

The 1965, 1967, and 1969 maps show the north and central portions of the site as a parking lot and the south end of the site occupied by a printing company. A tire sales and service facility is shown on the northwest corner of the site on the 1965 and 1969 maps but is not shown on the 1967 map. The potential use of chemicals and solvents at the printing company represent a *REC* for the site. The Fire Department Headquarters is shown on the property adjacent to the east of the site and the property adjacent to the west is shown as a vacant lot on each of the maps. The property adjacent to the south of the site is shown as occupied by a fallout shelter and vacant floors in 1965 and 1969, and by a fallout shelter and the Indiana State Museum in 1967. The properties adjacent to the north are not shown on these maps. Environmental concerns are not shown on the properties adjacent to the site on these maps.

8.0 RECONNAISSANCE

This section presents information gathered during the reconnaissance of the site and adjoining properties. This non-invasive reconnaissance was conducted to observe accessible and representative portions of the site for evidence of *RECs*. The following indicators of *RECs*, as per ASTM guidelines, were the focus of this reconnaissance: stained soils, stressed vegetation, transformers, evidence of above ground or underground storage tanks, trash and debris, and use and/or storage of hazardous substances or petroleum products. IWM Consulting also interviewed (or made reasonable attempts to do so) the site representative identified by the Client to gain more information about the site uses and environmental issues, if known by the interviewee.

The reconnaissance was conducted on February 2, 2015 at approximately 4:00 p.m. by Mr. Chris Newell of IWM Consulting. Access to the site was not restricted. Weather conditions were clear and cold, with the temperature in the low 30s (degrees Fahrenheit).

The inspection consisted of walking the site perimeter, then traversing the interior portions of the site on a crossing pattern that provides overlapping fields of view of the ground surface. All areas of the site were accessible during the inspection; however, vehicles parked across the site prevented a thorough inspection of the site surface beneath the vehicles.

8.1 General Site Setting

The site is located in the Indianapolis, Indiana, central business district, approximately 0.3 mile northeast of Monument Circle in downtown Indianapolis. Properties in the immediate site vicinity are occupied by office buildings, residential apartment, and the Old Indianapolis City Hall (currently occupied by Plan 2020, a City of Indianapolis planning commission).

Access to the site is from North Alabama Street located east of the site and from East New York located north of the site. The site consists of an asphalt paved parking lot containing approximately 0.75 acres. A small attendant's booth is located near the center of the site. A Site Area Map showing details of the site and adjacent properties is presented in **Appendix A**. Photographs of the site and the surrounding properties are presented in **Appendix B**.

The City of Indianapolis provides water and sewer services for the site area. No evidence of water supply wells or septic systems was observed on the site. Indianapolis Power and Light (IPL) provides electricity and Citizens Gas provides natural gas for the site area.

Two air conditioning compressor units are located on the southeast corner of the site. The air conditioning compressors are associated with the Old Indianapolis City Hall building currently occupied by Plan 2020 that occupies the property adjacent to the south of the site. Environmental concerns were not observed in association with the air conditioning compressors.

No evidence of USTs, ASTs, drums, containers, or other evidence of the storage and/or use of *hazardous substances* or *petroleum products* were observed on the site.

No strong, pungent, or noxious odors were observed on the site.

No pools of liquid were observed on the site.

No equipment known to contain or likely to contain PCBs was observed on the site.

No stained soil and/or pavement was observed on the site.

No in-ground sumps or traps were observed on the site.

No pits, ponds, or lagoons were observed on the site.

No stressed vegetation was observed on the site.

No evidence of the disposal of solid waste was observed on the site and no evidence of fill material from an unknown origin was observed.

No evidence of the discharge of wastewater or other liquid (including storm water) into a drain, ditch, underground injection system, or stream on or adjacent to the site was observed.

No evidence of wells (including dry wells, irrigation wells, injection wells, abandoned wells, monitoring wells, or other wells) was observed on the site.

8.2 Reconnaissance: Descriptions of Adjoining Properties

Current uses of adjoining properties were assessed via visual reconnaissance from the subject site and/or public right-of-way areas. Details and orientations of these properties are depicted on the site area map presented in **Appendix A**. Observed uses of adjoining properties and observable evidence of environmental concerns or *RECs* are described as follows:

North Adjoining Property. East New York Street is located along the north site boundary. The properties adjacent to the north, across New York Street, are occupied by restaurants, residential apartments, a branch office for Horizon Bank, and attorney's offices. *RECs* were not observable on these properties during the site inspection. These properties are located topographically cross-gradient from the site.

East Adjoining Property. North Alabama Street is located along the east site boundary. The properties adjacent to the east of the site, across Alabama Street, are occupied by an office building (the former Indianapolis Fire Department Headquarters) and the former municipal vehicle garage. *RECs* were not observable on these properties during the site inspection. These properties are located topographically up-gradient from the site.

West Adjoining Property. The property immediately west of this site is a paved parking lot. The Wheeler Mission Ministries occupies the office building farther west of site. *RECs* were not

observable on these properties during the site inspection. These properties are located topographically down-gradient from the site.

South Adjoining Property. The property immediately south of this site is occupied by the Old Indianapolis City Hall, which is currently occupied by Plan 2020, a planning commission for the City of Indianapolis. The property to the southwest of the site is occupied by attorney's offices, and the property to the southeast is occupied by residential apartments. *RECs* were not observable on these properties during the site inspection. These properties are located topographically cross-gradient from the site.

9.0 INTERVIEWS

Reasonable attempts were made to interview those with information concerning the site's past and current uses and environmental issues or problems, if any. Completed interviews are summarized below. Records of communication are presented in **Appendix H**.

9.1 Interview with Owner, Site Manager and/or Occupants

The site is currently a vehicle parking lot with no on-site occupants. Therefore, no interviews were conducted during the site inspection.

9.2 Interview with Local Government Officials

Ms. Ethel Dodds with the Indianapolis Fire Department was contacted for information regarding environmental concerns reported at the site. A response from the Fire Department was not received by the date of this report.

The Marion County Health Department was contacted for information regarding environmental concerns at the site. Ms. Janeth Gomez, Office Assistant for the Health Department, responded that no environmental concerns at the site have been reported to the Health Department.

10.0 TIER 1 VAPOR ENCROACHMENT SURVEY

A *Tier 1 VES* was conducted for the site to determine if current or historical practices at the site and surrounding properties may have resulted in a *VEC* at the site. The *VES* was conducted in accordance with ASTM Standard E2600-10. The objective of a *VES* is to determine if a *VEC* exists, likely exists, or cannot be ruled out and provide information to support those conclusions. The Tier 1 screening consisted of an evaluation of the existing and planned use of the site; the types of structures existing or planned on the site; Federal, state, and tribal government records for the site area to identify potentially contaminated property sources with *COC* on or within the *area of concern* (*AOC*); historical records related to prior use of the site and surrounding properties to identify known or potentially contaminated property sources having *COC*; the general physical setting information; and natural and man-made conduits that can serve as preferential pathways.

The *VES* consisted of a review of the regulatory agency database records noted in Section 5.0 of this report for properties located in the *AOC*, a review of current and historical property use information, and a review of User provided information regarding the site usage and conditions. The *AOC*, also referred to as the *approximate minimum search distance*, is 1/3 of a mile for *COC* and 1/10 of a mile for petroleum hydrocarbon *COC* and may be reduced based on factors such as groundwater flow direction, hydrogeological and hydrologic considerations, subsurface geologic features, topographical gradients, and/or available groundwater flow information.

Properties within the *AOC* that are registered on the reviewed databases are evaluated to determine whether or not *COC* are likely to be present. If known, groundwater flow direction, depth to groundwater, the presence of vapor conduits that may result in preferential pathways, the cleanup status for a contaminated property, and soil characteristics are evaluated to determine if a *VEC* at the site (1) exists, (2) is likely to exist, (3) cannot be ruled out, or (4) does not exist.

A *VES* was completed for the site and surrounding properties utilizing the standard environmental record sources described above. Because of the past use of the site by a laundry service, printing companies, and a gasoline service station, a *VEC* cannot be ruled out for the site at this time.

11.0 DATA GAPS

ASTM E1527-13 defines a *data gap* as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." IWM Consulting conducted this Phase I ESA for the site and has identified the following *data gaps*:

- The historical use of the site could not be traced back to first developed use. Historical city directories show the site was occupied by residences and a church building in 1887 and 1898. Based on this information, the lack of information regarding site usage prior to 1887 is not a significant data gap for this ESA.

- IWM was unable to interview the previous site owner. Property records indicate the Indiana Department of Natural Resources has owned the site since 1973, and historical city directories indicate the site has been a parking lot since at least 1979. The site was formerly occupied by a printing company and a gasoline station and no information is readily available regarding the operations at these facilities. Therefore, the lack of an interview with the previous site owner is a significant data gap for this ESA.

12.0 ADDITIONAL SERVICES

Additional services provided in the Phase I ESA Report include the following:

- Site photographs
- Site area map
- Copies of historical aerial photographs
- Copies of historical city directories
- Copies of historical fire insurance maps

13.0 DEVIATIONS

No deviations were incurred during the Phase I ESA activities.

14.0 REFERENCES

1. Allen County Public Library, Fort Wayne, Indiana, Historical Fire Insurance Maps for Indianapolis, Indiana, 1887, 1898, 1914, 1950, 1965, 1967, and 1969

2. Environmental Risk Information Service, Database Report, Parking Lot, 222 North Alabama Street, Indianapolis, Indiana, Order #20150202045, February 3, 2015

3. Federal Emergency Management Agency, Flood Insurance Rate Map for Marion County, Indiana, Panel 144 of 290, Map Number 18097C0144 E, Effective Date January 5, 2001

4. Gray, Henry H., Curtis H. Ault, and Stanley J. Keller, Bedrock Geologic Map of Indiana, Published 1987

5. Gray, Henry H., Map of Indiana Showing Thickness of Unconsolidated Deposits, 1983

6. Historical Information Gatherers, Hopkins, Minnesota, City Directories 1914, 1919, 1924, 1929, 1934, 1939, 1943, 1949, 1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989-90, 1997, 2001, 2005, and 2010

7. Indygov.biz On-line Property Services, Property Ownership Information, https://www.biz.indygov.org/property.html

8. MapIndy On-line Geographic Information System, http://maps.indy.gov/MapIndy/, Aerial Photographs from 1937, 1941, 1956, 1962, 1972, 1986, 1993, 2005, and 2014

9. U. S. Geological Survey, Hydrogeologic Atlas of Aquifers in Indiana, Water Resources Investigations Report 92-4142, 1994

10. United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, http://websoilsurvey.nrcs.usda.gov/app/

11. United States Department of Agriculture, Soil Conservation Service in cooperation with the Purdue Agricultural Experiment Station, Soil Survey of Marion County, Indiana, Issued September 1978

12. USGS Topographic Map, 7.5 Minute Series, Indianapolis West, Indiana Quadrangle Map, Published 1998

15.0 PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject property *(the site)*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Copies of the environmental qualifications of the Environmental Professional are included in **Appendix G**.

Signature of Environmental Professional

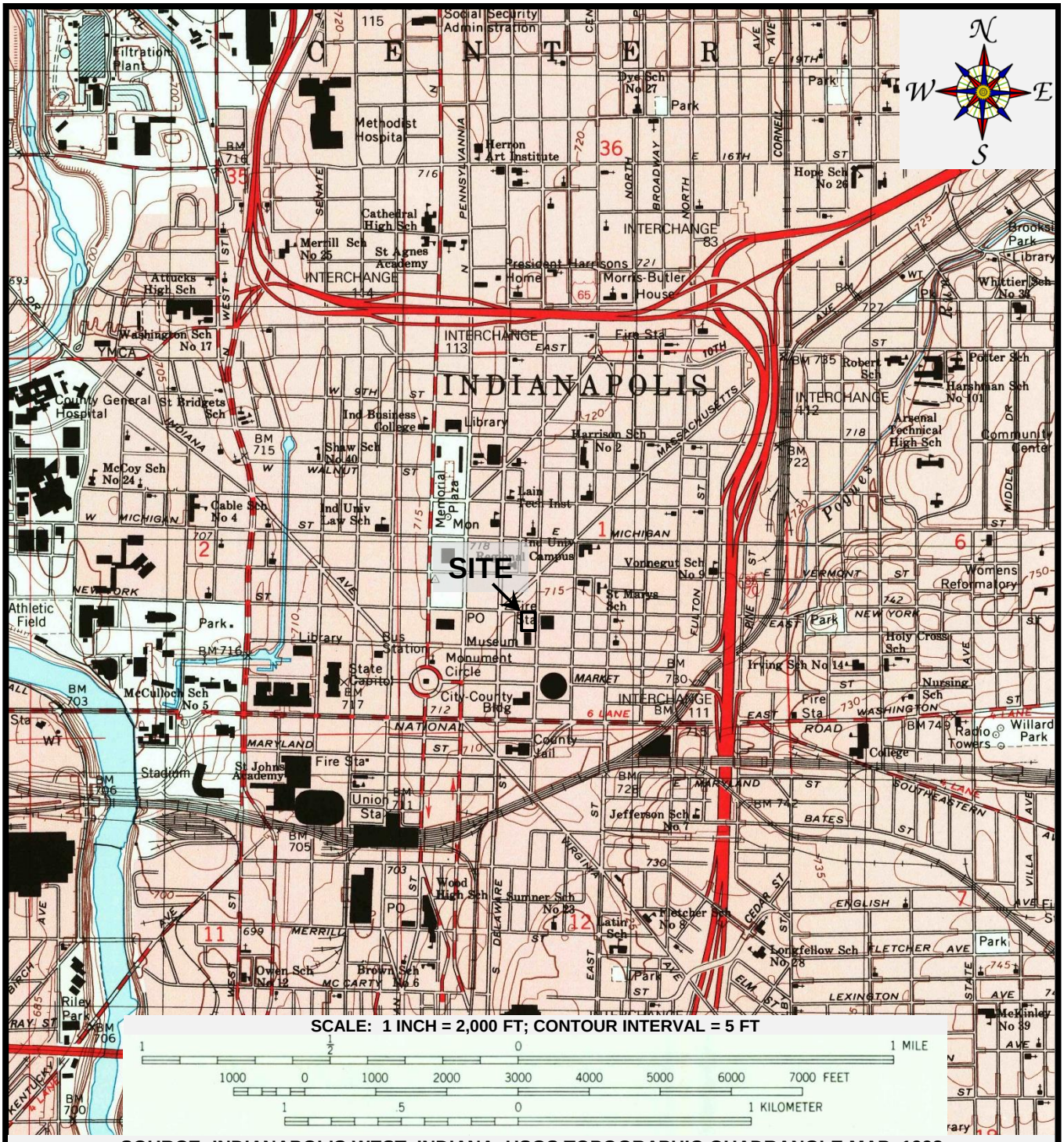
By_____ Dated: February 18. 2015

Hugh Smith, Project Manager
IWM Consulting Group, LLC

By_____ Dated: February 18. 2015

Bradley E. Gentry, LPG #2165
IWM Consulting Group, LLC

APPENDIX A
SITE MAPS



SOURCE: INDIANAPOLIS WEST, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, 1998

iWM CONSULTING GROUP
7428 Rockville Road, Indianapolis, Indiana 46214
(317) 347-1111 Fax: (317) 347-9326

FIGURE 1

Site Location Map
Parking Lot
222 North Alabama Street
Indianapolis, Indiana

CLIENT

THE CITY OF INDIANAPOLIS
INDIANAPOLIS, INDIANA

Project	Task	Size	Date
IN15010	01	A	2/9/2015

APPROXIMATE SCALE: 1 INCH = 60 FT , SOURCE: GOOGLE EARTH 2014 AERIAL PHOTOGRAPH

iWM CONSULTING GROUP

7428 Rockville Road, Indianapolis, Indiana 46214
(317) 347-1111 Fax: (317) 347-9326

Project	Task	Size	Date
IN15010	01	A	2/9/2015

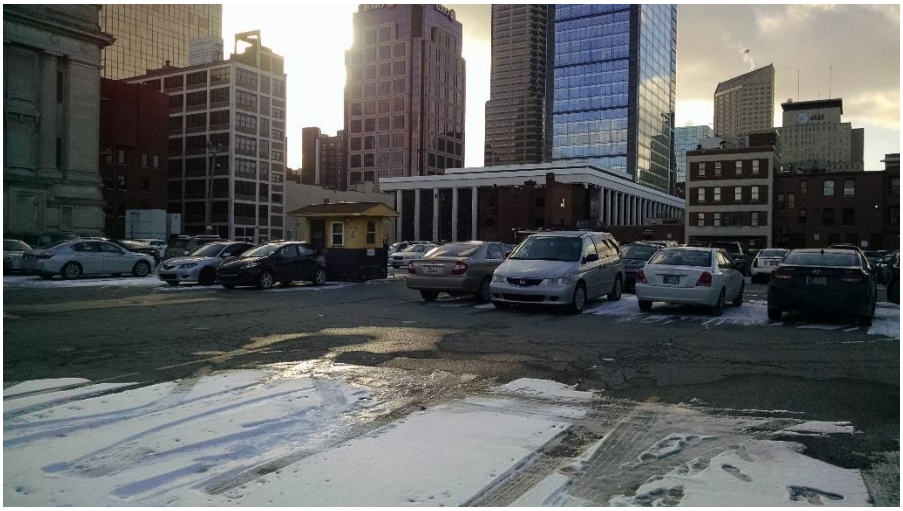
FIGURE 2

Site Area Map
Parking Lot
222 North Alabama Street
Indianapolis, Indiana

CLIENT

THE CITY OF INDIANAPOLIS
INDIANAPOLIS, INDIANA

APPENDIX B
SITE PHOTOGRAPHS



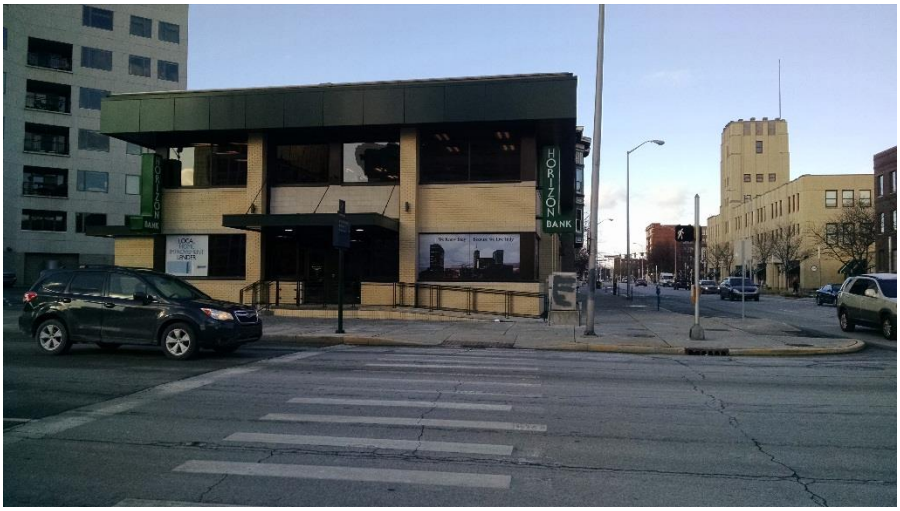
Photograph 1 – View of the site looking to the southwest from the northeast corner of the site

Photograph 2 – View of the site looking to the southeast from the northwest corner of the site

Photograph 3 – View of the site looking to the northwest from the southeast corner of the site

Photograph 3 – View of the site looking northeast from the southwest corner of the site

Photograph 5 – Air conditioning compressor units on the southwest corner of the site for the Old Indianapolis City Hall



Photograph 6 – View of the property adjacent to the north of the site looking to the north

Photograph 7 – View of the properties adjacent to the east of the site looking to the northeast

Photograph 8 – View of the office building west of the site looking to the southwest from the northwest corner of the site

Photograph 9 – View of the Old Indianapolis City Hall on the property adjacent to the south of the site looking to the southwest from the southeast corner of the site

APPENDIX C
USER PROVIDED INFORMATION

USER INFORMATION QUESTIONNAIRE

The following questionnaire was adapted after Appendix X3 of ASTM's Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E 1527-13 and after Appendix X3 of ASTM's Standard Guide for Vapor Encroachment Screening on Property involved in Real Estate Transactions, E 2600-10. EPA's All Appropriate Inquiry (AAI) final rule states that the "user" is responsible for providing certain information to the environmental professional. The user is the party seeking to use the standard, E 1527, to complete an environmental site assessment (ESA) of the property. The user may include, without limitation, a potential purchaser, a potential tenant, an owner, a lender, or a property manager. In order to qualify for one of the Landowner Liability Protections (LLPs) the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Two of the user questions below are associated with environmental liens and Activity Use Limitations (AULs), which are an indication(s) of a release on the subject site and/or neighboring property. An environmental lien is a charge, security or encumbrance on the title of the property to secure payment of a cost, damage, debt, obligation or duty arising from response actions, cleanups or other remediation actions. An AUL may provide information on the chemicals of concern, potential for exposure and pathways, control measures, which may be used to provide access to monitoring locations or remediation equipment, or similar information and/or purposes. While some AUL information may be obtained in state and/or local records others may only exist only in project documentation, which is typically not readily available. Liens and AULs are often recorded in the land title records (as opposed to a chain of title) and can be obtained by the user's title company.

Liens and AUL information, which have been developed for the property by others and provided to IWM, will be incorporated into IWM's review; however, IWM will not perform a land title or judicial record search for the site.

The information requested in the Vapor Encroachment Screening (VES) questionnaire should be provided by the User, if known, prior to conducting the VES. If the property owner or operator is not the User, then, absent an applicable legal requirement, the property owner or operator is not required to provide any information to the User or the environmental professional conducting the VES; however, the User should still complete the questionnaire indicating that the requested information is not known by the User, if necessary. The information requested in the questionnaire is intended to assist the environmental professional in properly conducting the VES.

In order for IWM to include the aforementioned information into our opinions, documentation of this information must be provided <u>before</u> the report is generated and preferably before the site reconnaissance is performed. The report will state which information was, or was not, provided from the user. For your convenience a checklist of this information is presented below, which must be completed and returned to IWM. This information can be e-mailed to the appropriate project manager or faxed to IWM at (260) 471-7071.

PHASE I ESA USER'S QUESTIONNAIRE

Questionnaire Completed By:

User Signature: _____

User Name (printed): ***Mr. Cameron Starnes***

Title: ***Assistant Administrator, Brownfield Redevelopment Program***

Address: ***200 E. Washington Street, Suite 2042***

City/State/Zip: ***Indianapolis, IN, 46204***

Telephone Number: ***(317) 327-5845***

Date of Response: ***January 28, 2015***

Site Property Information:

Site Name: ***Automobile Parking Lot***

Site Address: ***222 N. Alabama St.***

City: ***Indianapolis*** State: ***Indiana*** Zip: ***46204***

Site Property Owner Name: ***State of Indiana, Dept. of Natural Resources***

In order to qualify for protection from landowner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser,* or *contiguous property owner*, ASTM standard practice E1527-05 and the federal AAI rule (40 CFR 312) require that the *user* of the Phase I ESA report provide certain information (if available) to the *Environmental Professional* completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the *Environmental Professional* may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed.

1. **Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).** Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state or local law?

   _____ Yes X No

   If yes, please provide known details of the lien_____

   _____

   _____

   _____

   Has a search of land title records for environmental liens or activity and use limitations recorded for the site been conducted?

   _____ Yes X No

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry as applicable to the site as a result of environmental contamination, investigation, cleanup, or related matters?

   _____ Yes X No

   If yes, please provide known details of the AULs_____

3. **Specialized Knowledge or Experience of the person seeking to qualify for the LLP (40 CFR 312.28).** As the *user* of this ESA, do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property, such that you would have specialized knowledge about chemicals and processes used by this type of business?

   _____ Yes X No

   If yes, describe or attach details of your specialized knowledge or experience: _____

4. **Relationship of purchase price to fair market value of site if it were not contaminated (40 CFR 312.29).** Does the purchase price being paid for this site reasonably reflect the fair market value of the site? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site?

   _____ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the site?

   X No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the site?

   _____ Not applicable. *User* is not involved in a purchase of the site.

5. **Commonly known or *reasonably ascertainable* information about the site (40 CFR 312.30).** Are you aware of commonly known or *reasonably ascertainable* information about the site that would help the *environmental professional* to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products at the site? For example:

   Do you know the past uses of the site?
   X Yes (describe) ***Property has been used as surface parking for adjacent properties.***

   _____ No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the site?

_____ Yes (describe) _____

_____

_____

_____

X No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the site?

_____ Yes (describe) _____

_____

_____

X No

Do you know of any environmental cleanups that have taken place at the site?

_____ Yes (describe) _____

_____

_____

_____

X No

6. **The degree of obviousness of the presence or likely presence of contamination at the site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).** As the *user* of this ESA and based on your knowledge and experience related to the site, are there any *obvious* indicators that point to the presence or likely presence of contamination at the site?

_____ Yes (describe) _____

_____

_____

X No

The following information, if available, should be provided to the *environmental professional* conducting this ESA. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. This information includes:

- Why is the Phase I ESA being performed? (e.g., to satisfy one of the requirements to qualify for Landowner Liability Protections, to reduce the uncertainty regarding the potential for Recognized Environmental Conditions in connection with the property, etc.)

  To satisfy requirements to qualify for Landowner Liability Protections.

- The type of property (e.g., agricultural, residential, commercial, industrial) and type of property transaction (e.g., sale, purchase, exchange, etc.)?

  Commercial property purchase.

- Identification of the parties who will rely on the Phase I ESA (IWM's project budget provides for one original and one copy of the report and reliance by the client and up to one additional party. Additional report copies and/or reliance by more than two parties may be prepared/granted for an additional fee).

  City of Indianapolis
  State of Indiana, Department of Natural Resources

- Identification of the site contact and how the contact may be reached.
  State of Indiana Dept. of Natural Resources, 402 W. Washington St., Indianapolis, IN, 46204

- Any other *user* knowledge or experience with the site that may be pertinent to the *environmental professional* (e.g., copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the site and its environmental condition). If possible, please provide copies of available reports and/or documents to IWM for review.

  _____

  _____

  _____

VAPOR ENCROACHMENT SURVEY USER'S QUESTIONNAIRE

1. Property Type:

   [x] Commercial [ ] Industrial [ ] Residential [ ] Multi-tenant [ ] Vacant Land

2. Are there any buildings on the site property?

   [x] Yes [ ] No [ ] Unknown

   If yes, what is the type of construction?

   40 sf cashier's booth, wood frame

3. Will buildings/structures be constructed on the site in the future?

   [ ] Yes [ ] No [x] Unknown

   If yes, what is the type of construction?

   _____

   _____

4. If buildings exist or are proposed, do/will they have elevators?

   [ ] Yes [ ] No [x] Unknown

5. Type of level below grade (existing or proposed)?

   [ ] Full Basement [ ] Crawl Space [x] Slab on Grade [ ] Parking Garage [ ] Multi-level

6. Ventilation in level below grade?

   [ ] Yes [x] No [ ] Unknown

7. Sump pumps, floor drains, or trenches (existing or proposed)?

   [ ] Yes [ ] No [x] Unknown

8. Radon or methane mitigation system installed?

   [ ] Yes [ ] No [x] Unknown

9. Heating system type (existing or proposed)? Check all that apply.

   [ ] Kerosene Heater
   [ ] Fuel Oil Furnace
   [ ] Wood Stove
   [ ] Gas Furnace
   [ ] Hot Water Radiation
   [ ] Fireplace
   [ ] Electric Baseboard
   [ ] Steam Radiation
   [ ] Hot Air Circulation
   [ ] Other
   [ ] Radiant Floor Heat
   [ ] Heat Pump
   [ ] Coal Furnace
   [ ] Hot Air Radiation

10. Type of fuel energy (existing or proposed)? Check all that apply.

[ ] Natural Gas [ ] Electric [ ] Propane [ ] Fuel Oil
[ ] Kerosene [ ] Wood [ ] Coal [ ] Solar [ ] Other

11. Have there ever been any environmental problems at the site?

[ ] Yes [ ] No [x] Unknown

If yes, please describe?

_____

_____

12. Does/will a gasoline station or laundry dry cleaning facility operate anywhere on the site?

[ ] Yes [ ] No [x] Unknown

13. Do any tenants use hazardous chemicals in relatively large quantities on the site?

[ ] Yes [ ] No [x] Unknown

If yes, please describe?

_____

_____

14. Have any tenants ever complained about odors in the on-site building (if present) or experienced health-related problems that may have been associated with the building?

[ ] Yes [ ] No [x] Unknown [ ] Not applicable (no buildings present)

15. Are operations (or proposed operations) performed on the site regulated under OSHA?

[ ] Yes [ ] No [x] Unknown

16. Are there any existing or proposed underground storage tanks (USTs) or aboveground storage tanks (ASTs) on the site?

[ ] Yes [ ] No [x] Unknown

If yes, please describe?

_____

_____

17. Are there any sensitive receptors (e.g., children, elderly, people in poor health, etc.) that occupy or will occupy the site?

[ ] Yes [ ] No [x] Unknown

APPENDIX D
REGULATORY DATABASE REPORT

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property:	*Parking Lot* *222 North Alabama Street* *Indianapolis IN*
P.O. Number:	*Alabama Parking Lot*
Report Type:	*Database Report*
Order #:	*20150202045*
Requested by:	*IWM Consultants*
Date:	*February 3, 2015*

Ecolog ERIS Ltd.
Environmental Risk Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

Table of Contents

Table of Contents....1
Executive Summary....2
Executive Summary: Report Summary....3
Executive Summary: Site Report Summary - Project Property....5
Executive Summary: Site Report Summary - Surrounding Properties....6
Executive Summary: Summary by Data Source....13
Map....24
Aerial....27
Detail Report....28
Unplottable Summary....96
Unplottable Report....98
Appendix: Database Descriptions....116
Definitions....123

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by EcoLog Environmental Risk Information Services Ltd ("ERIS") using various sources of information, including information provided by Federal and State government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, EcoLog ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of EcoLog ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report(s) are protected by copyright owned by EcoLog ERIS Ltd. Copyright in data used in the Service or Report(s) (the "Data") is owned by EcoLog ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of EcoLog ERIS.

Executive Summary

Property Information:

Project Property:	*Parking Lot* *222 North Alabama Street Indianapolis IN*
P.O. Number:	*Alabama Parking Lot*

Coordinates:

Latitude:	*39.7708*
Longitude:	*-86.153037*
UTM Northing:	*4,402,661.81*
UTM Easting:	*572,538.15*
UTM Zone:	*UTM Zone 16S*

Elevation: *716 FT*

Order Information:

Order No.:	*20150202045*
Date Requested:	*04/02/2015*
Requested by:	*IWM Consultants*
Report Type:	*Database Report*

Ancillary Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1.00	0	0	0	0	0	0
PROPOSED NPL	Y	1.00	0	0	0	0	0	0
DELISTED NPL	Y	0.50	0	0	0	0	-	0
CERCLIS	Y	0.50	0	0	0	1	-	1
CERCLIS NFRAP	Y	0.50	0	0	0	1	-	1
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1.00	0	0	0	0	1	1
RCRA TSD	Y	0.50	0	0	0	1	-	1
RCRA GEN	Y	0.25	0	0	6	-	-	6
RCRA NON GEN	Y	0.25	0	4	10	-	-	14
FED ENG	Y	0.50	0	0	0	0	-	0
FED INST	Y	0.50	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.50	0	0	0	0	-	0
State								
SHWS	Y	1.00	0	0	0	0	0	0
SWF	Y	0.50	0	0	0	0	-	0
WASTE	Y	0.50	0	0	0	0	-	0
OLD LF	Y	0.50	0	0	0	0	-	0
LUST	Y	0.50	0	2	7	11	-	20
UST	Y	0.25	0	2	11	-	-	13
AUL	Y	0.50	0	0	2	1	-	3
VCP	Y	0.50	0	1	0	1	-	2
BROWNFIELDS	Y	0.50	0	0	7	4	-	11

Tribal

No Tribal standard environmental record sources available for this State.

No County standard environmental record sources available for this State.

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County								
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	4
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	0.12	0	0	-	-	-	0
NCDL	Y	PO	0	-	-	-	-	0
ODI	Y	0.50	0	0	0	0	-	0
IODI	Y	0.50	0	0	0	0	-	0
State								
SCP	Y	0.50	0	1	2	3	-	6
SPILLS	Y	0.12	0	0	-	-	-	0
HIS SPILLS	Y	0.12	0	4	-	-	-	4
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
	Total:		0	14	45	23	1	87

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev diff ft	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
1	FINDS/FRS	FORMER FIRE HOUSE SOUTHEST CORNER	N ALABAMA ST & E NEW YORK ST INDIANAPOLIS IN 46204	NE/0.01	-1	28
2	FINDS/FRS	TUCHMAN CLEANERS 15	304 E NEW YORK ST INDIANAPOLIS IN 46204	NE/0.02	-2	28
2	HIS SPILLS		304 E NEW YORK ST INDIANAPOLIS IN 46202 ***Spill No***: 200605114	NE/0.02	-2	29
2	RCRA NON GEN	TUCHMAN CLEANERS #15	304 E NEW YORK INDIANAPOLIS IN 46204	NE/0.02	-2	29
3	FINDS/FRS	IN ST MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE/0.02	-1	33
3	FINDS/FRS	INDIANA STATE MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE/0.02	-1	34
3	RCRA NON GEN	IN ST MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE/0.02	-1	34
4	SCP	TUCHMAN CLEANERS 15	IN	NE/0.03	-5	36
5	HIS SPILLS		235 S Delaware St Indianapolis IN 46204 ***Spill No***: 199009100	W/0.05	-1	36
6	HIS SPILLS		251 E. Ohio St Indianapolis IN IN 46204 ***Spill No***: 200207136	S/0.05	-1	36
7	LUST	Two Market Square Center	251 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID***: 13851 ***Description***: NFA-Unconditional Closure	S/0.05	-1	37
7	UST	Two Market Square Center	251 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID***: 13851 ***Tank Number / Tank Status***: 1 - Permanently Out of Service	S/0.05	-1	37

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
8	RCRA NON GEN	HEALTH AND HOSPITAL CORP OF MARION CO	222 E OHIO RM 301B INDIANAPOLIS IN 46204	SSW/0.05	-2	37
9	VCP	131 N. Alabama	131 N. Alabama Street Indianapolis IN	SSE/0.08	-2	38
10	HIS SPILLS		New York and one indiana Square Indianapolis IN 46204 ***Spill No***: 199910129	WNW/0.09	0	39
11	LUST	Market Square Center Bldg	151 N Delaware INDIANAPOLIS IN 46204 ***UST Facility ID***: 11137 ***Description***: NFA-Unconditional Closure	SW/0.09	-2	39
11	UST	Market Square Center Bldg	151 N Delaware INDIANAPOLIS IN 46204 ***UST Facility ID***: 11137 ***Tank Number / Tank Status***: 1 - Permanently Out of Service	SW/0.09	-2	39
12	RCRA NON GEN	BISCOE INC	118 N DELAWARE ST INDIANAPOLIS IN 46204	SSW/0.12	-2	40
13	RCRA NON GEN	PANHANDLE EASTERN GAS PIPELINE	96TH 1PT4MI HWY 42 IN INDIANAPOLIS IN 46214	W/0.14	0	41
14	AUL	MORRIS MABRY	241 N PENNSYLVANIA ST Indianapolis IN	W/0.14	1	42
14	BROWNFIELDS	Five Indiana Square Property	241 N Pennsylvania St Indianapolis IN	W/0.14	1	42
15	RCRA GEN	MUSSETT NICHOLAS & ASSOC INC	422 E NEW YORK ST INDIANAPOLIS IN 46202	E/0.14	-2	43
16	BROWNFIELDS	Indianapolis Newspapers	307 N Pennsylvania Indianapolis IN	WNW/0.14	1	44
16	RCRA GEN	THE INDIANAPOLIS STAR	307 N PENNSYLVANIA ST INDIANAPOLIS IN 462060145	WNW/0.14	1	44
16	UST	Indianapolis Newspapers Inc	307 N Pennsylvania Indianapolis IN 46204 ***UST Facility ID***: 16333 ***Tank Number / Tank Status***: 5 - Permanently Out of Service, 7 - Permanently Out of Service, 6 - Permanently Out of Service, 4 - Permanently Out of Service, 3 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service, 8 - Permanently Out of Service, 9 - Permanently Out of Service	WNW/0.14	1	46
16	UST	Indianapolis Newspapers Inc	307 N Pennsylvania Indianapolis IN 46204	WNW/0.14	1	47

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
			Tank Number / Tank Status: 6 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service, 4 - Permanently Out of Service, 5 - Permanently Out of Service, 3 - Permanently Out of Service ***UST Facility ID***: 4052			
17	RCRA GEN	CVS PHARMACY 6607	105 E OHIO ST INDIANAPOLIS IN 46204	WSW/0.14	0	48
18	LUST	Nbd Bank	1 Indiana Sq #7043 INDIANAPOLIS IN 46266	W/0.15	0	50
			Description: NFA-Unconditional Closure ***UST Facility ID***: 22182			
18	UST	Nbd Bank	1 Indiana Sq #7043 INDIANAPOLIS IN 46266	W/0.15	0	50
			UST Facility ID: 22182 ***Tank Number / Tank Status***: 2 - Permanently Out of Service, 1 - Permanently Out of Service			
19	LUST	Market Square Arena	300 E Market St INDIANAPOLIS IN 46204	SSE/0.15	-5	51
			UST Facility ID: 24539 ***Description***: NFA-Unconditional Closure			
19	UST	Market Square Arena	300 E Market St INDIANAPOLIS IN 46204	SSE/0.15	-5	51
			UST Facility ID: 24539 ***Tank Number / Tank Status***: 1 - Permanently Out of Service			
20	UST	Acme Corporation	215 N Cleveland St INDIANAPOLIS IN 46204	E/0.16	-2	51
			UST Facility ID: 8467 ***Tank Number / Tank Status***: 1 - Permanently Out of Service			
21	SCP	MCINTOSH ENERGY COMPANY INCORPORATED	IN	NW/0.15	2	51
21	SCP	MORRIS MABRY	IN	NW/0.15	2	52
22	BROWNFIELDS	Bank One Parking Garage	101 N New Jersey St Indianapolis IN	SE/0.16	-5	52
23	RCRA NON GEN	FIRST INDIANA BANK	135 N PENNSYLVANIA INDIANAPOLIS IN 46204	WSW/0.16	0	52
24	UST	John O Servaas	436 East Ohio St INDIANAPOLIS IN 46204	ESE/0.17	-3	53
			UST Facility ID: 12308 ***Tank Number / Tank Status***: 1 - Permanently Out of Service			
25	UST	Firestone S10p3/006688 J Rich	425 N Delaware INDIANAPOLIS IN 46204	NNW/0.18	1	54
			UST Facility ID: 1857 ***Tank Number / Tank Status***: 2 - Permanently Out of Service, 1 - Permanently Out of Service			
26	RCRA NON GEN	INDIANAPOLIS POLICE DEPT	50 N ALABAMA ST INDIANAPOLIS IN 46204	S/0.19	-2	54

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
27	LUST	Downtown Citgo	441 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID***: 1021 ***Description***: NFA-Unconditional Closure	ESE/0.19	-3	56
27	RCRA NON GEN	AMOCO OIL CO 00059	441 E OHIO INDIANAPOLIS IN 46225	ESE/0.19	-3	56
27	UST	Downtown Citgo	441 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID***: 1021 ***Tank Number / Tank Status***: 1 - Currently in use, 3 - Currently in use, 2 - Currently in use	ESE/0.19	-3	57
28	RCRA GEN	GENERAL SVCS ADMIN	46 E OHIO ST GSA RM 516 USCH INDIANAPOLIS IN 46204	WSW/0.20	-1	58
29	BROWNFIELDS	Maxwell Residential Development & DeSoto	520 E Ohio St & 515 E New York Indianapolis IN	ESE/0.22	0	59
30	AUL	Ropkey Graphics	117 N East St Indianapolis IN	ESE/0.23	-2	59
30	BROWNFIELDS	Ropkey Graphics	117 N East St Indianapolis IN	ESE/0.23	-2	59
30	UST	Ropkey Graphics	117 N East St INDIANAPOLIS IN 46204 ***UST Facility ID***: 8294 ***Tank Number / Tank Status***: 5 - Permanently Out of Service, 4 - Permanently Out of Service, 3 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service	ESE/0.23	-2	60
31	LUST	Bank One	110 N East St INDIANAPOLIS IN 46204 ***UST Facility ID***: 20100 ***Description***: NFA-Unconditional Closure	SE/0.23	-2	60
32	BROWNFIELDS	Indianapolis CW Assessment	200 E Washington St Rm 1242 Indianapolis IN	S/0.24	0	61
32	BROWNFIELDS	Indianapolis FMG cleanup	200 E Washington St Rm 2042 Indianapolis IN	S/0.24	0	61
32	RCRA GEN	INDIANAPOLIS MARION CO BLDNG AUTHORITY	200 E WASHINGTON INDIANAPOLIS IN 46204	S/0.24	0	61
33	LUST	AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204 ***UST Facility ID***: 3923 ***Description***: NFA-Unconditional Closure	W/0.25	-1	63

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
33	LUST	AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204 ***UST Facility ID***: 3923 ***Description***: Deactivated (no release confirmed)	W/0.25	-1	64
33	RCRA GEN	IND BELL TEL CO N20108	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W/0.25	-1	64
33	RCRA NON GEN	IND BELL TEL CO	240 N MEREDIAN ST INDIANAPOLIS IN 46204	W/0.25	-1	65
33	RCRA NON GEN	AT AND T LONG LINES INDIANAPOLIS IND	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W/0.25	-1	66
33	RCRA NON GEN	IND BELL TEL CO	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W/0.25	-1	67
33	UST	AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204 ***UST Facility ID***: 3923 ***Tank Number / Tank Status***: 5 - Permanently Out of Service, 4 - Permanently Out of Service, 6 - Currently in use, 3 - Permanently Out of Service, 1 - Permanently Out of Service, 2 - Permanently Out of Service	W/0.25	-1	69
34	LUST	AT&T Indiana Telephone	220 N Meridian St INDIANAPOLIS IN 46204 ***UST Facility ID***: 3922 ***Description***: NFA-Unconditional Closure	W/0.25	-2	69
34	UST	AT&T Indiana Telephone	220 N Meridian St INDIANAPOLIS IN 46204 ***UST Facility ID***: 3922 ***Tank Number / Tank Status***: 2 - Permanently Out of Service, 1 - Currently in use	W/0.25	-2	70
35	RCRA NON GEN	RR BRIDGE MERIDIAN & UNION ST	300 S MERIDIAN ST INDIANAPOLIS IN 46204	W/0.25	-1	70
36	RCRA NON GEN	GALBREATH JOHN W AND CO	111 MONUMENT CIRCLE INDIANAPOLIS IN 46204	WSW/0.24	0	71
37	RCRA NON GEN	PARKING LOT	420 N EAST ST INDIANAPOLIS IN 46202	NE/0.25	-1	73
38	BROWNFIELDS	Former Indiana Bell Telephone Co	450 E Washington St Indianapolis IN	SSE/0.27	-4	74
39	SCP	FRED ABEL	IN	SSE/0.28	-3	74
40	SCP	CARPENTERS LOCAL UNION 60	IN	SE/0.28	-1	75

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
41	CERCLIS	HUB STATES	419 EAST WASHINGTON INDIANAPOLIS IN 46204	SSE/0.29	-3	75
41	CERCLIS NFRAP	HUB STATES	419 EAST WASHINGTON INDIANAPOLIS IN 46204	SSE/0.29	-3	76
42	LUST	Teledyne National Tracing Paper	600 E Ohio St INDIANAPOLIS IN 46202 ***UST Facility ID***: 6548 ***Description***: NFA-Unconditional Closure	ESE/0.31	-1	77
43	LUST	Pierson Street Associates Ltd	251 N Illinois St Ste 150 INDIANAPOLIS IN 46204 ***UST Facility ID***: 11999 ***Description***: NFA-Unconditional Closure	W/0.34	-5	77
44	LUST	Indpls Dot Downtown Fuel Site	144 S Alabama INDIANAPOLIS IN 46204 ***UST Facility ID***: 12232 ***Description***: NFA-Unconditional Closure	S/0.37	-4	77
45	LUST	Goodyear Asc 6720	627 N Delaware St INDIANAPOLIS IN 46204 ***UST Facility ID***: 2145 ***Description***: NFA-Unconditional Closure	N/0.37	3	77
46	LUST	Indianapolis Downtown Heliport	51 S. New Jersey St. INDIANAPOLIS IN 46204 ***UST Facility ID***: 4232 ***Description***: NFA-Unconditional Closure	SSE/0.36	12	77
46	LUST	Indianapolis Downtown Heliport	51 S. New Jersey St. INDIANAPOLIS IN 46204 ***UST Facility ID***: 4232 ***Description***: NFA-Unconditional Closure	SSE/0.36	12	78
47	LUST	City Of Indianapolis-Dehd	30 W Washington INDIANAPOLIS IN 46204 ***UST Facility ID***: 17774 ***Description***: NFA-Unconditional Closure	SW/0.39	-5	78
48	LUST	A1 DOWNTOWN CAR CARE	134 S Delaware St INDIANAPOLIS IN 46204 ***UST Facility ID***: 8867 ***Description***: Active	S/0.41	-9	78
49	RCRA TSD	MECHANICS LAUNDRY AND SUPPLY	711 E VERMONT ST INDIANAPOLIS IN 46202	ENE/0.42	-1	78
49	VCP	Progress Linen	711 E. Vermont St. Indianapolis IN	ENE/0.42	-1	81
50	LUST	National City Center	101 W Washington St INDIANAPOLIS IN 46204 ***UST Facility ID***: 7786 ***Description***: NFA-Unconditional Closure	SW/0.42	-6	82
51	BROWNFIELDS	North Lockerbie Apartments	510 N College Ave Indianapolis IN	ENE/0.43	0	82

Map Key	DB	Company/Site Name	Address	Dir/Dist mi	Elev Diff ft	Page Number
52	LUST	Greyhound Lines Inc	127 N Capitol Ave INDIANAPOLIS IN 46204 ***UST Facility ID***: 2378 ***Description***: NFA-Unconditional Closure	W/0.44	-6	82
53	AUL	TOWN HOMES & RETAIL BUILDING PROPOSED	151 S EAST ST Indianapolis IN	SSE/0.44	-8	82
53	BROWNFIELDS	Town Homes & Retail Bldg. Proposed	151 S East St Indianapolis IN	SSE/0.44	-8	83
54	LUST	A Borinstein Inc	200 S East St INDIANAPOLIS IN 46202 ***UST Facility ID***: 8804 ***Description***: NFA-Unconditional Closure	SSE/0.48	-7	83
55	BROWNFIELDS	Indianapolis Card Mart	355 N Indiana Ave Indianapolis IN	W/0.49	-5	83
56	SCP	COOPER TIRE	IN	WNW/0.50	-4	83
57	RCRA CORRACTS	CARL E MOST & SON INC	401 W SOUTH ST INDIANAPOLIS IN 46225	SW/0.91	-9	84

Executive Summary: Summary by Data Source

Standard

Federal

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
HUB STATES	419 EAST WASHINGTON INDIANAPOLIS IN 46204	SSE	0.29	41

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 1 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
HUB STATES	419 EAST WASHINGTON INDIANAPOLIS IN 46204	SSE	0.29	41

RCRA CORRACTS - RCRA CORRACTS- Corrective Action

A search of the RCRA CORRACTS database, dated Dec 9, 2014 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
CARL E MOST & SON INC	401 W SOUTH ST INDIANAPOLIS IN 46225	SW	0.91	57

RCRA GEN - RCRA Generator List

A search of the RCRA GEN database, dated Dec 9, 2014 has found that there are 6 RCRA GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
THE INDIANAPOLIS STAR	307 N PENNSYLVANIA ST INDIANAPOLIS IN 462060145	WNW	0.14	16

Lower Elevation	Address	Direction	Distance mi	Map Key
MUSSETT NICHOLAS & ASSOC INC	422 E NEW YORK ST INDIANAPOLIS IN 46202	E	0.14	15
CVS PHARMACY 6607	105 E OHIO ST INDIANAPOLIS IN 46204	WSW	0.14	17
GENERAL SVCS ADMIN	46 E OHIO ST GSA RM 516 USCH INDIANAPOLIS IN 46204	WSW	0.20	28
INDIANAPOLIS MARION CO BLDNG AUTHORITY	200 E WASHINGTON INDIANAPOLIS IN 46204	S	0.24	32
IND BELL TEL CO N20108	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W	0.25	33

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Dec 9, 2014 has found that there are 14 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
PANHANDLE EASTERN GAS PIPELINE	96TH 1PT4MI HWY 42 IN INDIANAPOLIS IN 46214	W	0.14	13

Lower Elevation	Address	Direction	Distance mi	Map Key
TUCHMAN CLEANERS #15	304 E NEW YORK INDIANAPOLIS IN 46204	NE	0.02	2
IN ST MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE	0.02	3
HEALTH AND HOSPITAL CORP OF MARION CO	222 E OHIO RM 301B INDIANAPOLIS IN 46204	SSW	0.05	8

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
BISCOE INC	118 N DELAWARE ST INDIANAPOLIS IN 46204	SSW	0.12	12
FIRST INDIANA BANK	135 N PENNSYLVANIA INDIANAPOLIS IN 46204	WSW	0.16	23
INDIANAPOLIS POLICE DEPT	50 N ALABAMA ST INDIANAPOLIS IN 46204	S	0.19	26
AMOCO OIL CO 00059	441 E OHIO INDIANAPOLIS IN 46225	ESE	0.19	27
IND BELL TEL CO	240 N MEREDIAN ST INDIANAPOLIS IN 46204	W	0.25	33
AT AND T LONG LINES INDIANAPOLIS IND	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W	0.25	33
IND BELL TEL CO	240 N MERIDIAN ST INDIANAPOLIS IN 46204	W	0.25	33
RR BRIDGE MERIDIAN & UNION ST	300 S MERIDIAN ST INDIANAPOLIS IN 46204	W	0.25	35
GALBREATH JOHN W AND CO	111 MONUMENT CIRCLE INDIANAPOLIS IN 46204	WSW	0.24	36
PARKING LOT	420 N EAST ST INDIANAPOLIS IN 46202	NE	0.25	37

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Dec 9, 2014 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
MECHANICS LAUNDRY AND SUPPLY	711 E VERMONT ST INDIANAPOLIS IN 46202	ENE	0.42	49

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key

State

AUL - Activity and Use Limitations

A search of the AUL database, dated Sep 3, 2014 has found that there are 3 AUL site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
MORRIS MABRY	241 N PENNSYLVANIA ST Indianapolis IN	W	0.14	14

Lower Elevation	Address	Direction	Distance mi	Map Key
Ropkey Graphics	117 N East St Indianapolis IN	ESE	0.23	30
TOWN HOMES & RETAIL BUILDING PROPOSED	151 S EAST ST Indianapolis IN	SSE	0.44	53

BROWNFIELDS - Brownfields Site List

A search of the BROWNFIELDS database, dated Nov 1, 2013 has found that there are 11 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Five Indiana Square Property	241 N Pennsylvania St Indianapolis IN	W	0.14	14
Indianapolis Newspapers	307 N Pennsylvania Indianapolis IN	WNW	0.14	16
North Lockerbie Apartments	510 N College Ave Indianapolis IN	ENE	0.43	51

Lower Elevation	Address	Direction	Distance mi	Map Key
Bank One Parking Garage	101 N New Jersey St Indianapolis IN	SE	0.16	22
Maxwell Residential Development & DeSoto	520 E Ohio St & 515 E New York Indianapolis IN	ESE	0.22	29

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Ropkey Graphics	117 N East St Indianapolis IN	ESE	0.23	30
Indianapolis CW Assessment	200 E Washington St Rm 1242 Indianapolis IN	S	0.24	32
Indianapolis FMG cleanup	200 E Washington St Rm 2042 Indianapolis IN	S	0.24	32
Former Indiana Bell Telephone Co	450 E Washington St Indianapolis IN	SSE	0.27	38
Town Homes & Retail Bldg. Proposed	151 S East St Indianapolis IN	SSE	0.44	53
Indianapolis Card Mart	355 N Indiana Ave Indianapolis IN	W	0.49	55

LUST - Leaking Underground Storage Tanks

A search of the LUST database, dated Sep 30, 2014 has found that there are 20 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Nbd Bank	1 Indiana Sq #7043 INDIANAPOLIS IN 46266 ***Description**: NFA-Unconditional Closure* ***UST Facility ID**: 22182*	W	0.15	18
Goodyear Asc 6720	627 N Delaware St INDIANAPOLIS IN 46204 ***UST Facility ID**: 2145* ***Description**: NFA-Unconditional Closure*	N	0.37	45
Indianapolis Downtown Heliport	51 S. New Jersey St. INDIANAPOLIS IN 46204 ***UST Facility ID**: 4232* ***Description**: NFA-Unconditional Closure*	SSE	0.36	46
Indianapolis Downtown Heliport	51 S. New Jersey St. INDIANAPOLIS IN 46204 ***UST Facility ID**: 4232* ***Description**: NFA-Unconditional Closure*	SSE	0.36	46

Lower Elevation	Address	Direction	Distance mi	Map Key

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Two Market Square Center	251 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID**: 13851* ***Description**: NFA-Unconditional Closure*	S	0.05	7
Market Square Center Bldg	151 N Delaware INDIANAPOLIS IN 46204 ***UST Facility ID**: 11137* ***Description**: NFA-Unconditional Closure*	SW	0.09	11
Market Square Arena	300 E Market St INDIANAPOLIS IN 46204 ***UST Facility ID**: 24539* ***Description**: NFA-Unconditional Closure*	SSE	0.15	19
Downtown Citgo	441 E Ohio St INDIANAPOLIS IN 46204 ***UST Facility ID**: 1021* ***Description**: NFA-Unconditional Closure*	ESE	0.19	27
Bank One	110 N East St INDIANAPOLIS IN 46204 ***UST Facility ID**: 20100* ***Description**: NFA-Unconditional Closure*	SE	0.23	31
AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204 ***UST Facility ID**: 3923* ***Description**: NFA-Unconditional Closure*	W	0.25	33
AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204 ***UST Facility ID**: 3923* ***Description**: Deactivated (no release confirmed)*	W	0.25	33
AT&T Indiana Telephone	220 N Meridian St INDIANAPOLIS IN 46204 ***UST Facility ID**: 3922* ***Description**: NFA-Unconditional Closure*	W	0.25	34
Teledyne National Tracing Paper	600 E Ohio St INDIANAPOLIS IN 46202 ***UST Facility ID**: 6548* ***Description**: NFA-Unconditional Closure*	ESE	0.31	42
Pierson Street Associates Ltd	251 N Illinois St Ste 150 INDIANAPOLIS IN 46204 ***UST Facility ID**: 11999* ***Description**: NFA-Unconditional Closure*	W	0.34	43
Indpls Dot Downtown Fuel Site	144 S Alabama INDIANAPOLIS IN 46204	S	0.37	44

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
	UST Facility ID: *12232* ***Description***: *NFA-Unconditional Closure*			
City Of Indianapolis-Dehd	30 W Washington INDIANAPOLIS IN 46204	SW	0.39	47
	UST Facility ID: *17774* ***Description***: *NFA-Unconditional Closure*			
A1 DOWNTOWN CAR CARE	134 S Delaware St INDIANAPOLIS IN 46204	S	0.41	48
	UST Facility ID: *8867* ***Description***: *Active*			
National City Center	101 W Washington St INDIANAPOLIS IN 46204	SW	0.42	50
	UST Facility ID: *7786* ***Description***: *NFA-Unconditional Closure*			
Greyhound Lines Inc	127 N Capitol Ave INDIANAPOLIS IN 46204	W	0.44	52
	UST Facility ID: *2378* ***Description***: *NFA-Unconditional Closure*			
A Borinstein Inc	200 S East St INDIANAPOLIS IN 46202	SSE	0.48	54
	UST Facility ID: *8804* ***Description***: *NFA-Unconditional Closure*			

UST - Underground Storage Tanks (UST)

A search of the UST database, dated Aug 27, 2014 has found that there are 13 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Indianapolis Newspapers Inc	307 N Pennsylvania Indianapolis IN 46204	WNW	0.14	16
	UST Facility ID: *16333* ***Tank Number / Tank Status***: *5 - Permanently Out of Service, 7 - Permanently Out of Service, 6 - Permanently Out of Service, 4 - Permanently Out of Service, 3 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service, 8 - Permanently Out of Service, 9 - Permanently Out of Service*			
Indianapolis Newspapers Inc	307 N Pennsylvania Indianapolis IN 46204	WNW	0.14	16
	Tank Number / Tank Status: *6 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service, 4 - Permanently Out of Service, 5 - Permanently Out of Service, 3 - Permanently Out of Service* ***UST Facility ID***: *4052*			
Nbd Bank	1 Indiana Sq #7043 INDIANAPOLIS IN 46266	W	0.15	18
	UST Facility ID: *22182* ***Tank Number / Tank Status***: *2 - Permanently Out of Service, 1 - Permanently Out of Service*			

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Firestone S10p3/006688 J Rich	425 N Delaware INDIANAPOLIS IN 46204	NNW	0.18	25
	***UST Facility ID**: 1857* ***Tank Number / Tank Status**: 2 - Permanently Out of Service, 1 - Permanently Out of Service*			

Lower Elevation	Address	Direction	Distance mi	Map Key
Two Market Square Center	251 E Ohio St INDIANAPOLIS IN 46204	S	0.05	7
	***UST Facility ID**: 13851* ***Tank Number / Tank Status**: 1 - Permanently Out of Service*			
Market Square Center Bldg	151 N Delaware INDIANAPOLIS IN 46204	SW	0.09	11
	***UST Facility ID**: 11137* ***Tank Number / Tank Status**: 1 - Permanently Out of Service*			
Market Square Arena	300 E Market St INDIANAPOLIS IN 46204	SSE	0.15	19
	***UST Facility ID**: 24539* ***Tank Number / Tank Status**: 1 - Permanently Out of Service*			
Acme Corporation	215 N Cleveland St INDIANAPOLIS IN 46204	E	0.16	20
	***UST Facility ID**: 8467* ***Tank Number / Tank Status**: 1 - Permanently Out of Service*			
John O Servaas	436 East Ohio St INDIANAPOLIS IN 46204	ESE	0.17	24
	***UST Facility ID**: 12308* ***Tank Number / Tank Status**: 1 - Permanently Out of Service*			
Downtown Citgo	441 E Ohio St INDIANAPOLIS IN 46204	ESE	0.19	27
	***UST Facility ID**: 1021* ***Tank Number / Tank Status**: 1 - Currently in use, 3 - Currently in use, 2 - Currently in use*			
Ropkey Graphics	117 N East St INDIANAPOLIS IN 46204	ESE	0.23	30
	***UST Facility ID**: 8294* ***Tank Number / Tank Status**: 5 - Permanently Out of Service, 4 - Permanently Out of Service, 3 - Permanently Out of Service, 2 - Permanently Out of Service, 1 - Permanently Out of Service*			
AT&T Indianapolis N20108	240 N Meridian St Indianapolis IN 46204	W	0.25	33
	***UST Facility ID**: 3923* ***Tank Number / Tank Status**: 5 - Permanently Out of Service, 4 - Permanently Out of Service, 6 - Currently in use, 3 - Permanently Out of Service, 1 - Permanently Out of Service, 2 - Permanently Out of Service*			
AT&T Indiana Telephone	220 N Meridian St INDIANAPOLIS IN 46204	W	0.25	34
	***UST Facility ID**: 3922*			

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key

***Tank Number / Tank Status**: 2 - Permanently Out of Service, 1 - Currently in use*

VCP - Voluntary Remediation Agreement

A search of the VCP database, dated Jan 31, 2012 has found that there are 2 VCP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
131 N. Alabama	131 N. Alabama Street Indianapolis IN	SSE	0.08	9
Progress Linen	711 E. Vermont St. Indianapolis IN	ENE	0.42	49

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 16, 2014 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
Lower Elevation	**Address**	**Direction**	**Distance mi**	**Map Key**
FORMER FIRE HOUSE SOUTHEST CORNER	N ALABAMA ST & E NEW YORK ST INDIANAPOLIS IN 46204	NE	0.01	1
TUCHMAN CLEANERS 15	304 E NEW YORK ST INDIANAPOLIS IN 46204	NE	0.02	2
INDIANA STATE MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE	0.02	3
IN ST MUSEUM	202 N ALABAMA ST INDIANAPOLIS IN 46204	SE	0.02	3

State

HIS SPILLS - Historic Spill Incidents

A search of the HIS SPILLS database, dated Dec 3, 2010 has found that there are 4 HIS SPILLS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
	New York and one indiana Square Indianapolis IN 46204 ***Spill No**: 199910129*	WNW	0.09	10

Lower Elevation	Address	Direction	Distance mi	Map Key
	304 E NEW YORK ST INDIANAPOLIS IN 46202 ***Spill No**: 200605114*	NE	0.02	2
	235 S Delaware St Indianapolis IN 46204 ***Spill No**: 199009100*	W	0.05	5
	251 E. Ohio St Indianapolis IN IN 46204 ***Spill No**: 200207136*	S	0.05	6

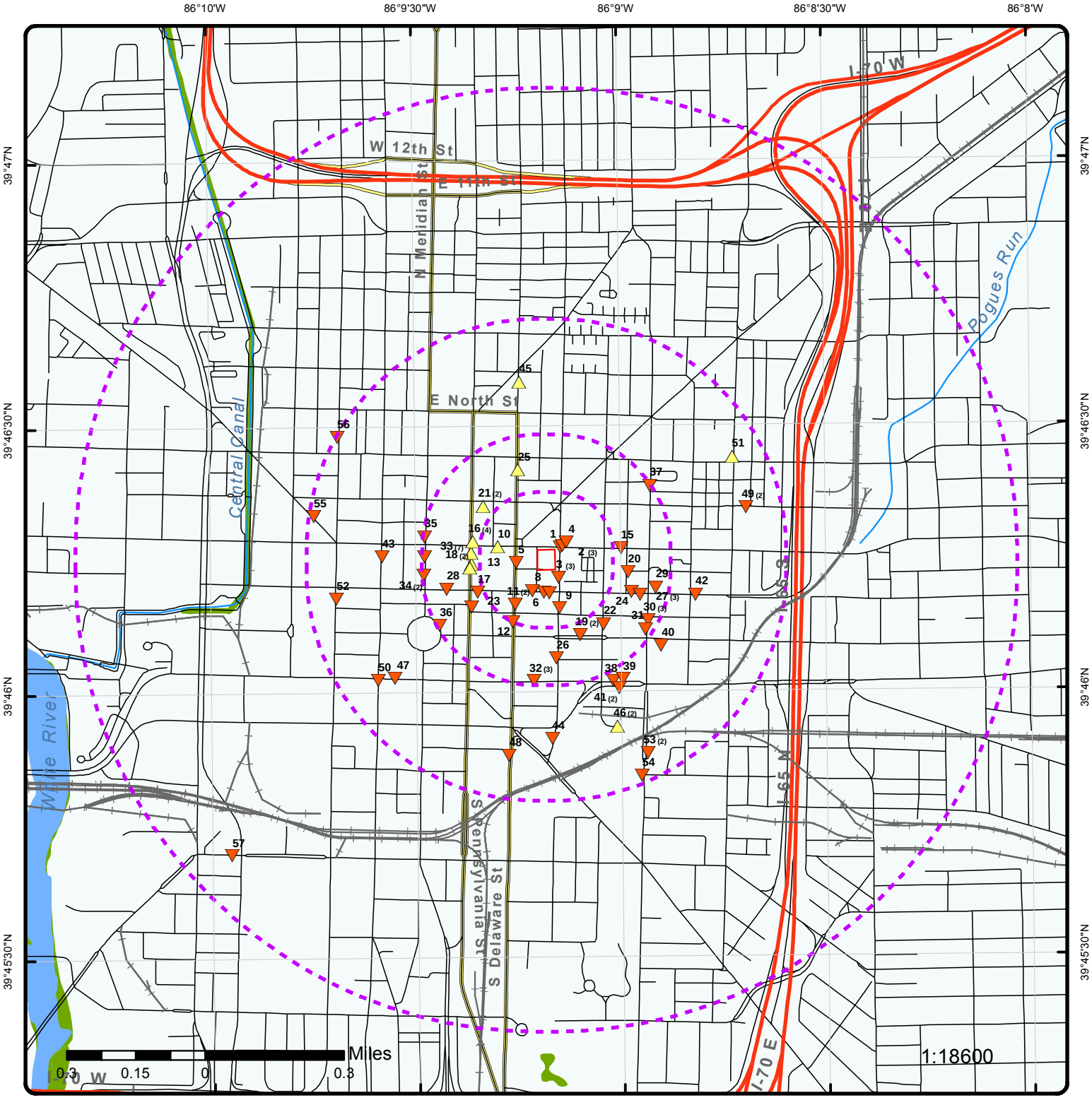
SCP - State Cleanup Sites

A search of the SCP database, dated Jun 25, 2013 has found that there are 6 SCP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key
MCINTOSH ENERGY COMPANY INCORPORATED	IN	NW	0.15	21
MORRIS MABRY	IN	NW	0.15	21

Lower Elevation	Address	Direction	Distance mi	Map Key
TUCHMAN CLEANERS 15	IN	NE	0.03	4
FRED ABEL	IN	SSE	0.28	39
CARPENTERS LOCAL UNION 60	IN	SE	0.28	40
COOPER TIRE	IN	WNW	0.50	56

Equal/Higher Elevation	Address	Direction	Distance mi	Map Key



Map : 1 Mile Radius

Order No: 20150202045

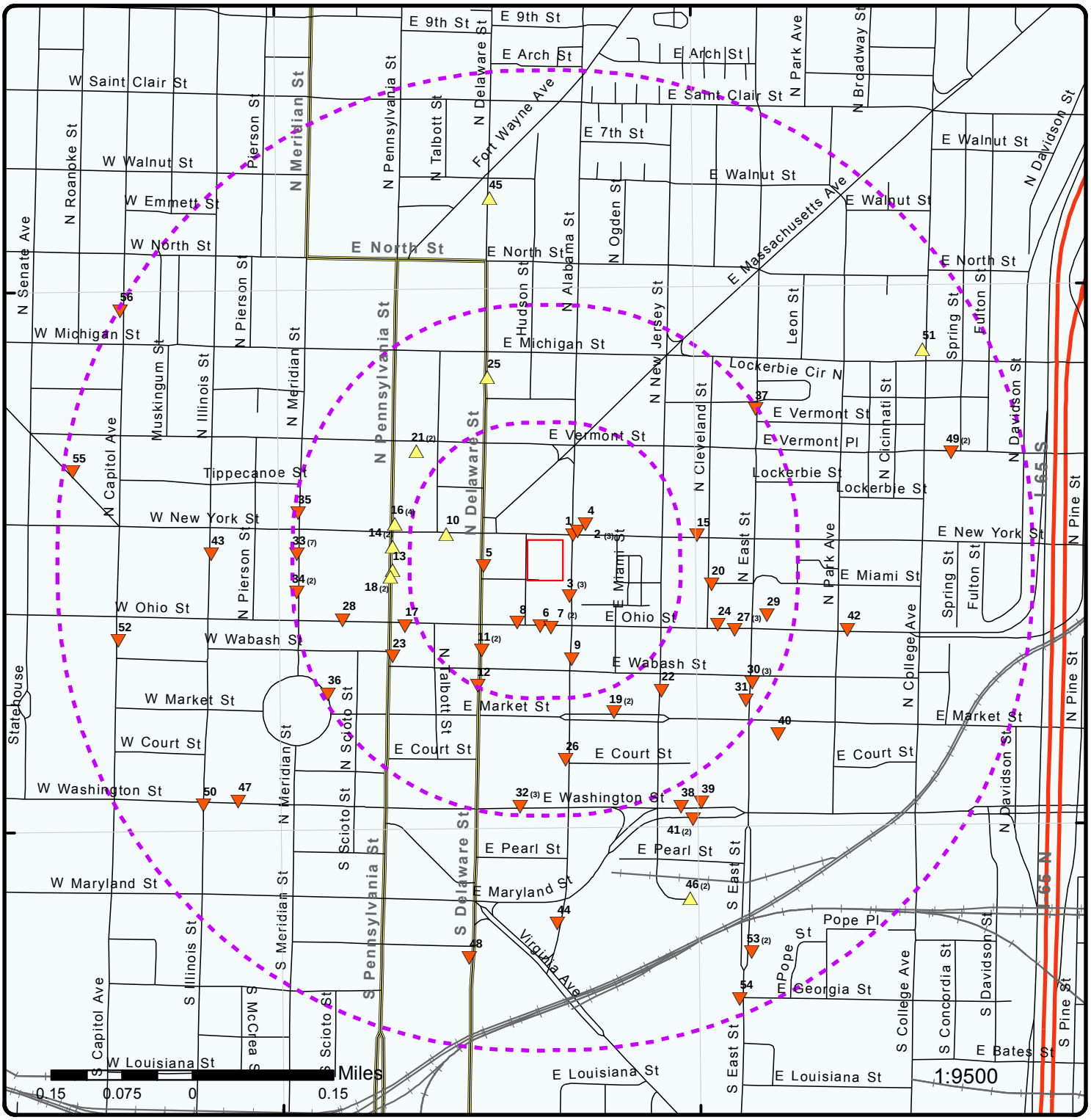
Address: 222 North Alabama Street, Indianapolis, IN

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICE

Project Property	Major Highways	Rails	Indian Reserve Land
Buffer Outline	Major Highways Ramps	County Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	State Boundary	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	500 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	100 Year Flood Zone	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Priority List Sites	State Superfund Areas:NPL
	Local Roads and Ramps	National Wetland	Water Quality Assurance Revolving Fund Areas

Source: © 2012 ESRI

© Ecolog ERIS Ltd



Map : 0.5 Mile Radius

Order No: 20150202045

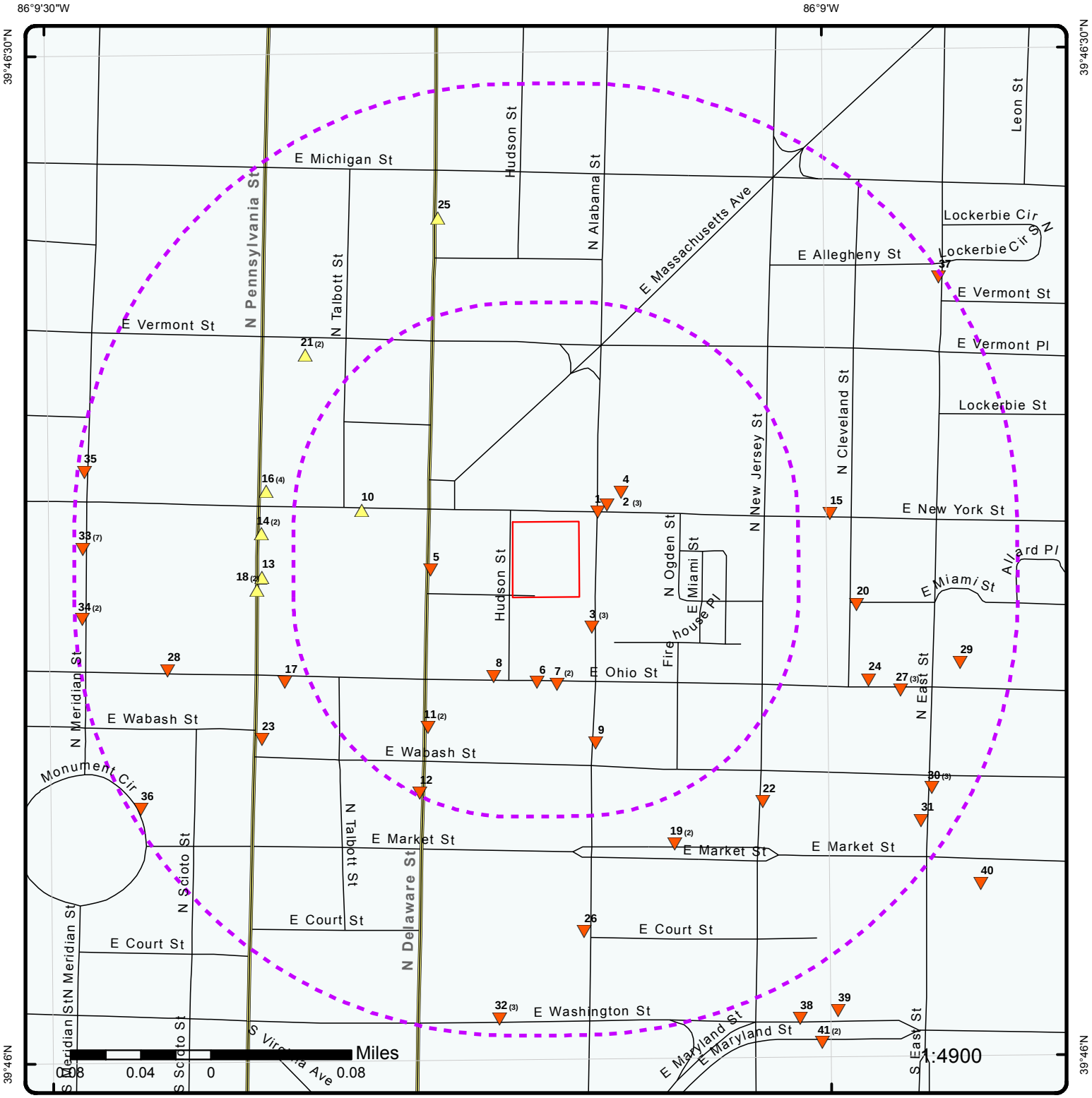
Address: 222 North Alabama Street, Indianapolis, IN

ENVIRONMENTAL RISK INFORMATION SERVICE

Project Property	Major Highways	Rails	Indian Reserve Land
Buffer Outline	Major Highways Ramps	County Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	State Boundary	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	500 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	100 Year Flood Zone	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Priority List Sites	State Superfund Areas:NPL
	Local Roads and Ramps	National Wetland	Water Quality Assurance Revolving Fund Areas

Source: © 2012 ESRI

© Ecolog ERIS Ltd



Map : 0.25 Mile Radius

Order No: 20150202045

Address: 222 North Alabama Street, Indianapolis, IN

ENVIRONMENTAL RISK INFORMATION SERVICE

Project Property	Major Highways	Rails	Indian Reserve Land
Buffer Outline	Major Highways Ramps	County Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	State Boundary	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	500 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	100 Year Flood Zone	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Priority List Sites	State Superfund Areas:NPL
	Local Roads and Ramps	National Wetland	Water Quality Assurance Revolving Fund Areas

Source: © 2012 ESRI

© Ecolog ERIS Ltd

86°9'W

Aerial

Order No: 20150202045

Address: 222 North Alabama Street, Indianapolis, IN

Source: ESRI World Imagery, Updated October 2014

© Ecolog ERIS Ltd

Detail Report

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
1	1 of 1	NE/0.01	714.56	FORMER FIRE HOUSE SOUTHEST CORNER N ALABAMA ST & E NEW YORK ST INDIANAPOLIS IN 46204	FINDS/FRS

Registry ID:	110058805663
FIPS Code:	049
Program Acronyms:	IN-TEMPO
HUC Code:	05120201
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	FRS-GEOCODE
County Name:	MARION
Source:	
SIC Codes:	
SIC Code Descriptions:	
Federal Facility Code:	
NAICS Codes:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	07
Census Block Code:	180973542003043
Create Date:	30-APR-14
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	39.77119
Longitude:	-86.1525
Coord Collection Method:	ADDRESS MATCHING-NEAREST INTERSECTION
Accuracy Value:	200
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Report URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110058805663

2	1 of 3	NE/0.02	714.23	TUCHMAN CLEANERS 15 304 E NEW YORK ST INDIANAPOLIS IN 46204	FINDS/FRS

Registry ID:	110058516495
FIPS Code:	049
Program Acronyms:	IN-TEMPO
HUC Code:	05120201
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	FRS-GEOCODE
County Name:	MARION

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Source:	
SIC Codes:	
SIC Code Descriptions:	
Federal Facility Code:	
NAICS Codes:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	07
Census Block Code:	180973542003044
Create Date:	30-APR-14
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	39.77118
Longitude:	-86.15225
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Report URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110058516495

2	2 of 3	NE/0.02	714.23	304 E NEW YORK ST INDIANAPOLIS IN 46202	HIS SPILLS

Spill No:	200605114
Incident Date/Time:	8/15/2005 0:00:00
Reported Date/Time:	5/15/2006 11:00:24
County:	Marion
Material Name:	PCE
Spill Source:	Commercial
Spilled Amount:	
Spilled Units:	
Recovered Amount:	
Recovered Units:	
Contained:	
Spill Type:	Other
Receiving Water:	
Area Affected:	SOIL
No. Fish Killed:	
Water Supply Affected:	N
Public Intake:	

2	3 of 3	NE/0.02	714.23	TUCHMAN CLEANERS #15 304 E NEW YORK INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID:	IND981953243
Current Site Name:	TUCHMAN CLEANERS #15
Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N

Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1435 BROOKVILLE WAY, STE C, INDIANAPOLIS, IN, 46239, US
Contact Name:	GREG MOORE
Contact Address:	1435 BROOKVILLE WAY, STE C, INDIANAPOLIS, IN, 46239, US
Contact Email:	GAMOORE@TUCHMANCLEANERS.COM
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	DCI MANAGEMENT
Owner/Operator Address:	14500 N NORTHSIGHT BLVD STE 216 SCOTTSDALE AZ 85260
Owner/Operator Phone:	4803152800
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	DCI MANAGEMENT
Owner/Operator Address:	14500 N NORTHSIGHT BLVD STE 216 SCOTTSDALE AZ 85260
Owner/Operator Phone:	4803152800
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	TUCHMAN CLEANERS NO 15
Owner/Operator Address:	350 E NEW YORK INDIANAPOLIS IN US 46204
Owner/Operator Phone:	3175454321
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	NDCI MGMT
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20011001

Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: DCI MANAGEMENT
Owner/Operator Address: 14500 N NORTHSIGHT BLVD STE 216 SCOTTSDALE AZ 85260
Owner/Operator Phone: 4803152800
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: TUCHMAN CLEANERS NO 15
Owner/Operator Address: 350 E NEW YORK INDIANAPOLIS IN US 46204
Owner/Operator Phone: 3175454321
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: NDCI MGMT
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20011001
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: DCI MANAGEMENT
Owner/Operator Address: 14500 N NORTHSIGHT BLVD STE 216 SCOTTSDALE AZ 85260
Owner/Operator Phone: 4803152800
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: TUCHMAN CLEANERS NO 15
Owner/Operator Address: 350 E NEW YORK INDIANAPOLIS IN US 46204
Owner/Operator Phone: 3175454321
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: NDCI MGMT
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20011001
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: DCI MANAGEMENT
Owner/Operator Address: 14500 N NORTHSIGHT BLVD STE 216 SCOTTSDALE AZ 85260
Owner/Operator Phone: 4803152800
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: TUCHMAN CLEANERS NO 15

Owner/Operator Address: 350 E NEW YORK INDIANAPOLIS IN US 46204
Owner/Operator Phone: 3175454321
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: NDCI MGMT
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20011001
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: USDC TUCHMAN INDIANA INC
Owner/Operator Address: 4040 MACARTHUR BLVD STE 305 NEWPORT BEACH CA US 92660
Owner/Operator Phone: 949-863-9669
Owner/Operator Type: P
Date Became Current: 20081001
Date Ended Current:

NAICS Information

Naics Code: 81232
Naics Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Handler Information

Date Received: 19861017
Facility Name: TUCHMAN CLEANERS #15
Classification: Small Quantity Generator

Date Received: 20021028
Facility Name: TUCHMAN CLEANERS #15
Classification: Small Quantity Generator

Date Received: 20040226
Facility Name: TUCHMAN CLEANERS #15
Classification: Small Quantity Generator

Date Received: 20050211
Facility Name: TUCHMAN CLEANERS #15
Classification: Small Quantity Generator

Date Received: 20090304
Facility Name: TUCHMAN CLEANERS #15
Classification: Small Quantity Generator

Date Received: 20090304
Facility Name: TUCHMAN CLEANERS #15
Hazardous Waste Information

Waste Code: F002
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001,

F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: D040
Waste: TRICHLORETHYLENE

Waste Code: D039
Waste: TETRACHLOROETHYLENE

Waste Code: F001
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: D007
Waste: CHROMIUM

Violation/Evaluation Information

Evaluation Start Date: 20010601
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

3	1 of 3	SE/0.02	714.66	IN ST MUSEUM 202 N ALABAMA ST INDIANAPOLIS IN 46204	FINDS/FRS

Registry ID: 110012279300
FIPS Code: 18097
Program Acronyms: IN-FRS, RCRAINFO
HUC Code: 05120201
Site Type Name: STATIONARY
EPA Region Code: 05
Conveyor: FRS-GEOCODE
County Name: MARION
Source:
SIC Codes:
SIC Code Descriptions:
Federal Facility Code:
NAICS Codes:
NAICS Code Descriptions:
Federal Agency Name:

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

US/Mexico Border Ind:	
Congressional Dist No:	07
Census Block Code:	180973542003043
Create Date:	01-MAR-00
Update Date:	26-JAN-12
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	39.77018
Longitude:	-86.15254
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER, UNSPECIFIED UNIVERSE
Facility Detail Report URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110012279300

3	***2 of 3***	***SE/0.02***	***714.66***	***INDIANA STATE MUSEUM*** ***202 N ALABAMA ST*** ***INDIANAPOLIS IN 46204***	***FINDS/FRS***

Registry ID:	110058423834
FIPS Code:	049
Program Acronyms:	IN-TEMPO
HUC Code:	05120201
Site Type Name:	STATIONARY
EPA Region Code:	05
Conveyor:	FRS-GEOCODE
County Name:	MARION
Source:	
SIC Codes:	
SIC Code Descriptions:	
Federal Facility Code:	
NAICS Codes:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	07
Census Block Code:	180973542003043
Create Date:	30-APR-14
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	39.77018
Longitude:	-86.15254
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Report URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110058423834

3	***3 of 3***	***SE/0.02***	***714.66***	***IN ST MUSEUM*** ***202 N ALABAMA ST***	***RCRA*** ***NON GEN***

INDIANAPOLIS IN 46204

EPA Handler ID:	INR000106575
Current Site Name:	IN ST MUSEUM
Generator Status Universe:	No Report
Land Type:	State
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	650 W WASHINGTON ST, , INDIANAPOLIS, IN, 46204, US
Contact Name:	RONALD TOLAN
Contact Address:	650 W WASHINGTON ST, , INDIANAPOLIS, IN, 46204, US
Contact Email:	
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	STATE OF IN
Owner/Operator Address:	650 W WASHINGTON ST INDIANAPOLIS IN 46204
Owner/Operator Phone:	3172339983
Owner/Operator Type:	S
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	STATE OF IN
Owner/Operator Address:	650 W WASHINGTON ST INDIANAPOLIS IN 46204
Owner/Operator Phone:	3172339983
Owner/Operator Type:	S
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	IN ST MUSEUM
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	S
Date Became Current:	20030217
Date Ended Current:	

NAICS Information

Naics Code:	31-33
Naics Description:	MANUFACTURING

Handler Information

Date Received:	20020503
Facility Name:	IN ST MUSEUM
Classification:	Small Quantity Generator
Date Received:	20030217
Facility Name:	IN ST MUSEUM

Hazardous Waste Information

Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code:	D035
Waste:	METHYL ETHYL KETONE

Violation/Evaluation Information

4	***1 of 1***	***NE/0.03***	***711.10***	***TUCHMAN CLEANERS 15***	***SCP***
				IN	

Regulatory:	200605114
Program:	SC
Reference:	Access Point
Data Collected Date:	06/05/2008
Source Map:	

5	***1 of 1***	***W/0.05***	***714.77***	***235 S Delaware St Indianapolis IN 46204***	***HIS SPILLS***

Spill No:	199009100
Incident Date/Time:	9/21/1990 0:00:00
Reported Date/Time:	9/21/1990 0:00:00
County:	Marion
Material Name:	Diesel Fuel
Spill Source:	Unknown
Spilled Amount:	10.00
Spilled Units:	G
Recovered Amount:	0.00
Recovered Units:	G
Contained:	N
Spill Type:	Spill
Receiving Water:	Storm Sewers
Area Affected:	Undetermined
No. Fish Killed:	0.00
Water Supply Affected:	N
Public Intake:	

6	***1 of 1***	***S/0.05***	***714.58***	***251 E. Ohio St Indianapolis IN IN 46204***	***HIS SPILLS***

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Spill No:	200207136
Incident Date/Time:	7/12/2002 20:50:00
Reported Date/Time:	7/13/2002 11:14:00
County:	Marion
Material Name:	diesal fuel
Spill Source:	Leaking Underground Tank
Spilled Amount:	
Spilled Units:	
Recovered Amount:	
Recovered Units:	
Contained:	
Spill Type:	Spill
Receiving Water:	
Area Affected:	soil
No. Fish Killed:	
Water Supply Affected:	N
Public Intake:	

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
7	1 of 2	S/0.05	714.49	Two Market Square Center 251 E Ohio St INDIANAPOLIS IN 46204	LUST

UST Facility ID:	13851
Incident Number:	200207136
County:	Marion
Priority:	Medium
Affected Areas:	Groundwater, Soil
Description:	NFA-Unconditional Closure

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
7	2 of 2	S/0.05	714.49	Two Market Square Center 251 E Ohio St INDIANAPOLIS IN 46204	UST

UST Facility ID:	13851
County:	Marion
Company ID:	5596
Company Name:	
Mailing Address:	251 East Ohio St Colliers Turley Martin & Tucker
Mailing Address2:	
Maililng City:	Indianapolis
Mailing State:	IN
Mailing Zip:	46204

--- Details ---

Tank Number:	1
Tank Capacity:	270
Install Date:	11/1/84
Tank Status:	Permanently Out of Service
Substance:	Diesel

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
8	1 of 1	SSW/0.05	714.36	HEALTH AND HOSPITAL CORP OF MARION CO 222 E OHIO RM 301B INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID:	IND052952058
Current Site Name:	HEALTH AND HOSPITAL CORP OF MARION CO

Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	222 E OHIO RM 301B, , INDIANAPOLIS, IN, 46204,
Contact Name:	KEVIN MOUSER
Contact Address:	222 E OHIO RM 301B, , INDIANAPOLIS, IN, 46204, US
Contact Email:	
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	C
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	C
Date Became Current:	
Date Ended Current:	

NAICS Information

Handler Information

Date Received:	19850813
Facility Name:	HEALTH AND HOSPITAL CORP OF MARION CO

Hazardous Waste Information

Waste Code:	D001
Waste:	IGNITABLE WASTE

Violation/Evaluation Information

9	*1 of 1*	*SSE/0.08*	*714.30*	*131 N. Alabama* *131 N. Alabama Street*	*VCP*

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
				Indianapolis IN	

Status:	Active
Status Description:	This project has a signed contract with VRP known as the Voluntary Remediation Agreement (VRA) and is no longer considered confidential.
Project Manager:	Holland
VRP ID Number:	6080601
New Coding Number:	V80GP
Applicant Name:	Laz Parking Realty Investors, LLC
County:	mar
Application Date:	03-Jun-08
Application Acceptance:	
VRA Executed:	21-Nov-08
RWP Received:	
RWP Approved:	
Comp Report App:	
Cert of Completion Date:	
CNTS Date:	
Comments:	
Land Use Restrictions:	

10	1 of 1	WNW/0.09	715.88	New York and one indiana Square Indianapolis IN 46204	HIS SPILLS

Spill No:	199910129
Incident Date/Time:	10/20/1999 13:14:37
Reported Date/Time:	10/20/1999 13:14:37
County:	Marion
Material Name:	Eradicator
Spill Source:	Commercial
Spilled Amount:	5.00
Spilled Units:	G
Recovered Amount:	
Recovered Units:	
Contained:	
Spill Type:	Spill
Receiving Water:	
Area Affected:	
No. Fish Killed:	
Water Supply Affected:	N
Public Intake:	

11	1 of 2	SW/0.09	713.81	Market Square Center Bldg 151 N Delaware INDIANAPOLIS IN 46204	LUST

UST Facility ID:	11137
Incident Number:	199811531
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

11	2 of 2	SW/0.09	713.81	Market Square Center Bldg 151 N Delaware	UST

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
				INDIANAPOLIS IN 46204	

UST Facility ID: 11137
County: Marion
Company ID: 13519
Company Name:
Mailing Address: 151 N Delaware
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46204

--- Details ---
Tank Number: 1
Tank Capacity: 2000
Install Date: 4/20/75
Tank Status: Permanently Out of Service
Substance: Diesel

12	1 of 1	SSW/0.12	713.89	BISCOE INC 118 N DELAWARE ST INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID: IND984900829
Current Site Name: BISCOE INC
Generator Status Universe: No Report
Land Type: Private
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 118 N DELAWARE ST, , INDIANAPOLIS, IN, 46204,
Contact Name: REGINALD B BISHOP
Contact Address: 118 N DELAWARE ST, , INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: COE CHRIS
Owner/Operator Address: 4240 EVANSTON AVE INDIANAPOLIS IN 46204
Owner/Operator Phone: 3172531631
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received:	19951227
Facility Name:	BISCOE INC

Hazardous Waste Information

Violation/Evaluation Information

Evaluation Start Date:	19951227
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	

13	***1 of 1***	***W/0.14***	***716.20***	***PANHANDLE EASTERN GAS PIPELINE*** ***96TH 1PT4MI HWY 42 IN*** ***INDIANAPOLIS IN 46214***	***RCRA NON GEN***

EPA Handler ID:	IND985085547
Current Site Name:	PANHANDLE EASTERN GAS PIPELINE
Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	5444 WESTHEIMER WT728, , HOUSTON, TX, 77056,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: PANHANDLE EASTERN GAS PIPELINE
Owner/Operator Address: 5444 WESTHEIMER HOUSTON TX 77056
Owner/Operator Phone: 7136275400
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Naics Code: 48621
Naics Description: PIPELINE TRANSPORTATION OF NATURAL GAS

Handler Information

Date Received: 19940711
Facility Name: PANHANDLE EASTERN GAS PIPELINE
Date Received: 19930304
Facility Name: PANHANDLE EASTERN GAS PIPELINE
Classification: Large Quantity Generator

Date Received: 19940221
Facility Name: PANHANDLE EASTERN PIPE LINE CO.
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: D009
Waste: MERCURY

Violation/Evaluation Information

14	1 of 2	W/0.14	716.58	MORRIS MABRY 241 N PENNSYLVANIA ST Indianapolis IN	AUL

Facility ID: 4090607
Regulatory Program: Brownfields Program

--- Details ---
Closure Type: No Further Action
Date IC Recorded: 5-Oct-09
Affected Media: Ground Water;SubSurface Soil;
Restriction Coverage: Entire Property;
IC VFC ID: 51854512
VFC URL: http://108.59.49.89/Pages/Member/View.aspx?DocId=51854512
Control Methods: GW Use;
Contaminants of Concern: TPH - Total Petroleum Hydrocarbons;
Control Type: Environmental Restrictive Covenant

14	2 of 2	W/0.14	716.58	Five Indiana Square Property 241 N Pennsylvania St Indianapolis IN	BROWNFIELDS

BFD Site #: 4090607

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

County: Marion
Financial Assistance:
Other Assistance: No Further Action Letter 10/2/2009
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No water wells (TPH in soils)
ERC/Closure Letter Date: 10/5/2009

15	1 of 1	E/0.14	714.31	MUSSETT NICHOLAS & ASSOC INC 422 E NEW YORK ST INDIANAPOLIS IN 46202	RCRA GEN

EPA Handler ID: INR000002345
Current Site Name: MUSSETT NICHOLAS & ASSOC INC
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: Private
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 422 E NEW YORK ST, , INDIANAPOLIS, IN, 46202,
Contact Name: DEBBIE BARRETT
Contact Address: 422 E NEW YORK ST, , INDIANAPOLIS, IN, 46202, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: MNA, LLC
Owner/Operator Address: 422 E NEW YORK ST INDIANAPOLIS IN 46202
Owner/Operator Phone: 3176319241
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19950721
Facility Name: MUSSETT NICHOLAS & ASSOC INC
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

16	1 of 4	WNW/0.14	716.53	Indianapolis Newspapers 307 N Pennsylvania Indianapolis IN	BROWNFIELDS

BFD Site #: 4130808
County: Marion
Financial Assistance:
Other Assistance:
ERC (NR-Not Required):
Restrictions/Contaminants:
ERC/Closure Letter Date:

16	2 of 4	WNW/0.14	716.53	THE INDIANAPOLIS STAR 307 N PENNSYLVANIA ST INDIANAPOLIS IN 462060145	RCRA GEN

EPA Handler ID: IND006037436
Current Site Name: THE INDIANAPOLIS STAR
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: Private
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 307 N PENNSYLVANIA ST, PO BOX 145, INDIANAPOLIS, IN, 462060145,
Contact Name: STEVE COVERT
Contact Address: 307 N PENNSYLVANIA ST, PO BOX 145, INDIANAPOLIS, IN, 462060145, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: INDIANA NEWSPAPERS INC
Owner/Operator Address: 307 N PENNSYLVANIA ST INDIANAPOLIS IN 462060145
Owner/Operator Phone: 3174444000
Owner/Operator Type: P
Date Became Current:

Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Naics Code: 51111
Naics Description: NEWSPAPER PUBLISHERS

Handler Information

Date Received: 19821122
Facility Name: THE INDIANAPOLIS STAR
Classification: Small Quantity Generator

Date Received: 20001130
Facility Name: THE INDIANAPOLIS STAR
Classification: Conditionally Exempt Small Quantity

Date Received: 19900301
Facility Name: INDIANAPOLIS NEWSPAPERS
Classification: Large Quantity Generator

Date Received: 19920225
Facility Name: INDIANAPOLIS NEWSPAPER
Classification: Large Quantity Generator

Date Received: 19940329
Facility Name: INDIANAPOLIS NEWSPAPER, INC.
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: D000
Waste: DESCRIPTION

Waste Code: K086
Waste: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

Violation/Evaluation Information

Evaluation Start Date: 19940922
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Records/Reporting
Violation Determined Date: 19940922
Actual Return to Compliance Date: 19950126
Violation Responsible Agency: S
Enforcement Action Date: 19950126
Enforcement Agency: S
Disposition Status Date:
Disposition Status:

Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

16	3 of 4	WNW/0.14	716.53	Indianapolis Newspapers Inc 307 N Pennsylvania Indianapolis IN 46204	UST

UST Facility ID: 16333
County: Marion
Company ID: 5257
Company Name:
Mailing Address: 307 N Pennsylvania St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46206

--- Details ---
Tank Number: 5
Tank Capacity: 3000
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 7
Tank Capacity: 4000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 6
Tank Capacity: 2000
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 4
Tank Capacity: 4000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 3
Tank Capacity: 2025
Install Date:
Tank Status: Permanently Out of Service
Substance: Unknown
+
Tank Number: 2
Tank Capacity: 560
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 1
Tank Capacity: 350
Install Date:

Tank Status: Permanently Out of Service
Substance: Kerosene
+
Tank Number: 8
Tank Capacity: 8000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 9
Tank Capacity: 8000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline

16	4 of 4	WNW/0.14	716.53	Indianapolis Newspapers Inc 307 N Pennsylvania Indianapolis IN 46204	UST

UST Facility ID: 4052
County: Marion
Company ID: 5257
Company Name:
Mailing Address: 307 N Pennsylvania St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46206

--- Details ---
Tank Number: 6
Tank Capacity: 2000
Install Date: 1/1/56
Tank Status: Permanently Out of Service
Substance: Hazardous Petro
+
Tank Number: 2
Tank Capacity: 1000
Install Date: 1/1/36
Tank Status: Permanently Out of Service
Substance: Hazardous Petro
+
Tank Number: 1
Tank Capacity: 1000
Install Date: 1/1/36
Tank Status: Permanently Out of Service
Substance: Hazardous Petro
+
Tank Number: 4
Tank Capacity: 2000
Install Date: 1/1/46
Tank Status: Permanently Out of Service
Substance: Hazardous Petro
+
Tank Number: 5
Tank Capacity: 2000
Install Date: 1/1/56
Tank Status: Permanently Out of Service
Substance: Hazardous Petro
+

Tank Number:	3
Tank Capacity:	1000
Install Date:	1/1/46
Tank Status:	Permanently Out of Service
Substance:	Hazardous Petro

17	1 of 1	WSW/0.14	715.67	CVS PHARMACY 6607 105 E OHIO ST INDIANAPOLIS IN 46204	RCRA GEN

EPA Handler ID:	INR000133306
Current Site Name:	CVS PHARMACY 6607
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1, CVS DR 23062A, , WOONSOCKET, RI, 02895, US
Contact Name:	WENDY L BRANT
Contact Address:	1, CVS DR, , WOONSOCKET, RI, 02895, US
Contact Email:	WENDY.BRANT@CVSCAREMARK.COM
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CP
Owner/Operator Name:	HOOK-SUPERX, L.L.C.
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19880229
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	NORTH PENN ASSOCIATES, LLC
Owner/Operator Address:	SOUTH BROADWAY, 10TH FLOOR WHITE PLAINS NY US 10601
Owner/Operator Phone:	3176323565
Owner/Operator Type:	P
Date Became Current:	19880301
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	NORTH PENN ASSOCIATES LLC
Owner/Operator Address:	S BROADWAY 10TH FL WHITE PLAINS NY US 10601
Owner/Operator Phone:	317-632-3565

Owner/Operator Type: P
Date Became Current: 19880301
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: HOOK SUPERX LLC
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19880229
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: HOOK-SUPERX, L.L.C.
Owner/Operator Address:
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19880229
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: NORTH PENN ASSOCIATES, LLC
Owner/Operator Address: SOUTH BROADWAY, 10TH FLOOR WHITE PLAINS NY US 10601
Owner/Operator Phone: 3176323565
Owner/Operator Type: P
Date Became Current: 19880301
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: HOOK-SUPERX, L.L.C.
Owner/Operator Address:
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 19880229
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: NORTH PENN ASSOCIATES, LLC
Owner/Operator Address: SOUTH BROADWAY, 10TH FLOOR WHITE PLAINS NY US 10601
Owner/Operator Phone: 3176323565
Owner/Operator Type: P
Date Became Current: 19880301
Date Ended Current:

NAICS Information

Naics Code: 44611
Naics Description: PHARMACIES AND DRUG STORES

Handler Information

Date Received: 20120326
Facility Name: CVS PHARMACY 6607
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: P042
Waste: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P001
Waste: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P081
Waste: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P075
Waste: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

18	1 of 2	W/0.15	716.31	Nbd Bank 1 Indiana Sq #7043 INDIANAPOLIS IN 46266	LUST

UST Facility ID: 22182
Incident Number: 199912563
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

18	2 of 2	W/0.15	716.31	Nbd Bank 1 Indiana Sq #7043 INDIANAPOLIS IN 46266	UST

UST Facility ID: 22182
County: Marion
Company ID: 13216
Company Name:
Mailing Address: 1 Indiana Sq
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46202

--- Details ---
Tank Number: 2
Tank Capacity: 30000
Install Date: 6/30/77
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 1
Tank Capacity: 30000
Install Date: 6/30/77
Tank Status: Permanently Out of Service
Substance: Diesel

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
19	1 of 2	SSE/0.15	711.11	Market Square Arena 300 E Market St INDIANAPOLIS IN 46204	LUST

UST Facility ID: 24539
Incident Number: 200207505
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

19	2 of 2	SSE/0.15	711.11	Market Square Arena 300 E Market St INDIANAPOLIS IN 46204	UST

UST Facility ID: 24539
County: Marion
Company ID: 19803
Company Name:
Mailing Address: 100 S Capital Ave
Mailing Address2: Indiana Convention Center
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46225

--- Details ---
Tank Number: 1
Tank Capacity: 1000
Install Date: 1/1/75
Tank Status: Permanently Out of Service
Substance: Diesel

20	1 of 1	E/0.16	713.65	Acme Corporation 215 N Cleveland St INDIANAPOLIS IN 46204	UST

UST Facility ID: 8467
County: Marion
Company ID: 5501
Company Name:
Mailing Address: 215 N Cleveland St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46204

--- Details ---
Tank Number: 1
Tank Capacity:
Install Date:
Tank Status: Permanently Out of Service
Substance: Other

21	1 of 2	NW/0.15	718.06	MCINTOSH ENERGY COMPANY INCORPORATED IN	SCP

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Regulatory: 200510154
Program: SC
Reference: Access Point
Data Collected Date: 06/05/2008
Source Map:

21	2 of 2	NW/0.15	718.06	MORRIS MABRY IN	SCP

Regulatory: 200701008
Program: SC
Reference: Access Point
Data Collected Date: 06/05/2008
Source Map:

22	1 of 1	SE/0.16	711.12	Bank One Parking Garage 101 N New Jersey St Indianapolis IN	BROWNFIELDS

BFD Site #: 4100405
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 7/2/2010
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No agricultural, residential, wells or occupation without vapor mitigation system.
ERC/Closure Letter Date:

23	1 of 1	WSW/0.16	715.39	FIRST INDIANA BANK 135 N PENNSYLVANIA INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID: INR000001719
Current Site Name: FIRST INDIANA BANK
Generator Status Universe: No Report
Land Type: Other
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 135 N PENNSYLVANIA, , INDIANAPOLIS, IN, 46204,
Contact Name: ROBERT CROUCH

Contact Address: 310 S STATE AVE, , INDIANAPOLIS, IN, 46201, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: FIRST INDIANA BANK
Owner/Operator Address: 135 N PENNSYLVANIA INDIANAPOLIS IN 46204
Owner/Operator Phone: 3172691200
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19950605
Facility Name: FIRST INDIANA BANK
Classification: Small Quantity Generator

Date Received: 20010122
Facility Name: FIRST INDIANA BANK
Hazardous Waste Information

Waste Code: F001
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation/Evaluation Information

Evaluation Start Date: 20001213
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

24	1 of 1	ESE/0.17	712.60	John O Servaas 436 East Ohio St INDIANAPOLIS IN 46204	UST

UST Facility ID: 12308

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

County: Marion
Company ID: 4934
Company Name:
Mailing Address: 5710 N Delaware St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46220

--- Details ---
Tank Number: 1
Tank Capacity: 2000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline

25	1 of 1	NNW/0.18	717.06	Firestone S10p3/006688 J Rich 425 N Delaware INDIANAPOLIS IN 46204	UST

UST Facility ID: 1857
County: Marion
Company ID: 13436
Company Name:
Mailing Address: 2550 W Golf Rd
Mailing Address2:
Maililng City: Rolling Meadows
Mailing State: IL
Mailing Zip: 60008

--- Details ---
Tank Number: 2
Tank Capacity: 280
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 1
Tank Capacity: 250
Install Date:
Tank Status: Permanently Out of Service
Substance: Used Oil

26	1 of 1	S/0.19	713.56	INDIANAPOLIS POLICE DEPT 50 N ALABAMA ST INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID: IND132286477
Current Site Name: INDIANAPOLIS POLICE DEPT
Generator Status Universe: No Report
Land Type:
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N

Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 50 N ALABAMA ST, , INDIANAPOLIS, IN, 46204,
Contact Name: SANDRA KEMPTON
Contact Address: 50 N ALABAMA ST, , INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: INDIANAPOLIS CITY OF
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: M
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: M
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19970909
Facility Name: INDIANAPOLIS POLICE DEPT
Hazardous Waste Information

Waste Code: U044
Waste: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: D000
Waste: DESCRIPTION

Waste Code: U092
Waste: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
27	1 of 3	ESE/0.19	713.06	Downtown Citgo 441 E Ohio St INDIANAPOLIS IN 46204	LUST

UST Facility ID:	1021
Incident Number:	199607516
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

27	2 of 3	ESE/0.19	713.06	AMOCO OIL CO 00059 441 E OHIO INDIANAPOLIS IN 46225	RCRA NON GEN

EPA Handler ID:	IND984899815
Current Site Name:	AMOCO OIL CO 00059
Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	30230 ORCHRD LAKE RD, , FARMINGTON HILLS, MI, 48334,
Contact Name:	KAYE CLEGHORN
Contact Address:	30230 ORCHRD LAKE RD, , FARMINGTON HILLS, MI, 48334, US
Contact Email:	
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	AMOCO OIL CO
Owner/Operator Address:	30230 ORCHARD LAKE RD FARMINGTON HILLS MI 48334
Owner/Operator Phone:	3138551060
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

NAICS Information

Handler Information

Date Received:	19910806
Facility Name:	AMOCO OIL CO 00059

Classification: Small Quantity Generator

Date Received: 20020530
Facility Name: AMOCO OIL CO 00059
Hazardous Waste Information

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

Evaluation Start Date: 20011115
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

27	3 of 3	ESE/0.19	713.06	Downtown Citgo 441 E Ohio St INDIANAPOLIS IN 46204	UST

UST Facility ID: 1021
County: Marion
Company ID: 21391
Company Name:
Mailing Address: 441 E Ohio St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46204

--- Details ---
Tank Number: 1
Tank Capacity: 10000
Install Date:
Tank Status: Currently in use
Substance: Gasoline
+
Tank Number: 3
Tank Capacity: 8000
Install Date:
Tank Status: Currently in use
Substance: Gasoline
+
Tank Number: 2
Tank Capacity: 10000
Install Date:
Tank Status: Currently in use
Substance: Gasoline

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
28	1 of 1	WSW/0.20	715.20	GENERAL SVCS ADMIN 46 E OHIO ST GSA RM 516 USCH INDIANAPOLIS IN 46204	RCRA GEN

EPA Handler ID:	INR000102491
Current Site Name:	GENERAL SVCS ADMIN
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Land Type:	Federal
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	46 E OHIO ST, , INDIANAPOLIS, IN, 46204, US
Contact Name:	ALFRED DAVIS
Contact Address:	46 E OHIO ST, , INDIANAPOLIS, IN, 46204, US
Contact Email:	
Location Street 2:	GSA RM 516 USCH

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	GENERAL SVCS ADMIN
Owner/Operator Address:	46 E OHIO ST INDIANAPOLIS IN 46204
Owner/Operator Phone:	3172267306
Owner/Operator Type:	F
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	GENERAL SVCS ADMIN
Owner/Operator Address:	46 E OHIO ST INDIANAPOLIS IN 46204
Owner/Operator Phone:	3172267306
Owner/Operator Type:	F
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	GEN SVCS ADM
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20021210
Date Ended Current:	

NAICS Information

Naics Code: 11111
Naics Description: SOYBEAN FARMING

Handler Information

Date Received: 20010424
Facility Name: GENERAL SVCS ADMIN
Classification: Small Quantity Generator

Date Received: 20021210
Facility Name: GENERAL SVCS ADMIN
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Waste Code: D008
Waste: LEAD

Violation/Evaluation Information

29	1 of 1	ESE/0.22	715.61	Maxwell Residential Development & DeSoto 520 E Ohio St & 515 E New York Indianapolis IN	BROWNFIELDS

BFD Site #: 4090306
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 5/12/2009
ERC (NR-Not Required): NR
Restrictions/Contaminants:
ERC/Closure Letter Date:

30	1 of 3	ESE/0.23	713.87	Ropkey Graphics 117 N East St Indianapolis IN	AUL

Facility ID: 4120508
Regulatory Program: Brownfields Program

--- Details ---
Closure Type: Comfort Letter
Date IC Recorded: 14-Nov-12
Affected Media: Ground Water;Soil Gas (Vapor);SubSurface Soil;
Restriction Coverage: Entire Property;
IC VFC ID: 67282235
VFC URL: http://108.59.49.89/Pages/Member/View.aspx?DocId=67282235
Control Methods: Access Control;GW Use;Ag/Food;Vapor Mitigation;
Contaminants of Concern: VOC - Volatile Organic Compounds;Metals - Inorganic;
Control Type: Environmental Restrictive Covenant

30	2 of 3	ESE/0.23	713.87	Ropkey Graphics 117 N East St Indianapolis IN	BROWNFIELDS

BFD Site #: 4120508

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

County: Marion
Financial Assistance:
Other Assistance: Comment Letter 10/25/2012
Comfort Letter 7/25/2012
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No agriculture, groundwater, vapor exposure elimination (VOCs in soil and groundwater, metals in soil)
ERC/Closure Letter Date: 11/14/2012

30	3 of 3	ESE/0.23	713.87	Ropkey Graphics 117 N East St INDIANAPOLIS IN 46204	UST

UST Facility ID: 8294
County: Marion
Company ID: 5493
Company Name:
Mailing Address: 117 N East St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46204

--- Details ---
Tank Number: 5
Tank Capacity: 1000
Install Date:
Tank Status: Permanently Out of Service
Substance: Other
+
Tank Number: 4
Tank Capacity: 2000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 3
Tank Capacity: 2000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 2
Tank Capacity: 4000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline
+
Tank Number: 1
Tank Capacity: 4000
Install Date:
Tank Status: Permanently Out of Service
Substance: Gasoline

31	1 of 1	SE/0.23	713.70	Bank One 110 N East St INDIANAPOLIS IN 46204	LUST

UST Facility ID: 20100

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Incident Number: 198903142
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

32	1 of 3	S/0.24	715.55	Indianapolis CW Assessment 200 E Washington St Rm 1242 Indianapolis IN	BROWNFIELDS

BFD Site #: 4750101
County: Marion
Financial Assistance:
Other Assistance: Oversight
ERC (NR-Not Required): NR
Restrictions/Contaminants:
ERC/Closure Letter Date:

32	2 of 3	S/0.24	715.55	Indianapolis FMG cleanup 200 E Washington St Rm 2042 Indianapolis IN	BROWNFIELDS

BFD Site #: 4750310
County: Marion
Financial Assistance:
Other Assistance: Oversight
ERC (NR-Not Required): NR
Restrictions/Contaminants:
ERC/Closure Letter Date:

32	3 of 3	S/0.24	715.55	INDIANAPOLIS MARION CO BLDNG AUTHORITY 200 E WASHINGTON INDIANAPOLIS IN 46204	RCRA GEN

EPA Handler ID: IND981947716
Current Site Name: INDIANAPOLIS MARION CO BLDNG AUTHORITY
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: County
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:

Used Oil Spec Marketer:
Mailing Address: 200 E WASHINGTON, , INDIANAPOLIS, IN, 46204,
Contact Name: JAMES ROOZE
Contact Address: 200 E WASHINGTON, , INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: INDIANAPOLIS MARION CO BLDG AUTHORITY
Owner/Operator Address: 200 E WASHINGTON INDIANAPOLIS IN 46204
Owner/Operator Phone: 3172364326
Owner/Operator Type: C
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: C
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19861204
Facility Name: INDIANAPOLIS MARION CO BLDNG AUTHORITY
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Waste Code: U134
Waste: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U145
Waste: LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: F002
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U228
Waste: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Waste Code: U075
Waste: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Waste Code: U226
Waste: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Waste Code: D000
Waste: DESCRIPTION

Waste Code: U159
Waste: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U002
Waste: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U154
Waste: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: F001
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U080
Waste: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U213
Waste: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

Waste Code: U239
Waste: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Waste Code: D001
Waste: IGNITABLE WASTE

Waste Code: P041
Waste: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

Waste Code: P115
Waste: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

Waste Code: U072
Waste: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Waste Code: U161
Waste: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

Waste Code: U220
Waste: BENZENE, METHYL- (OR) TOLUENE

Violation/Evaluation Information

33	*1 of 7*	*W/0.25*	*714.92*	***AT&T Indianapolis N20108*** ***240 N Meridian St*** ***Indianapolis IN 46204***	***LUST***

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

UST Facility ID:	3923
Incident Number:	200803502
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

33	2 of 7	W/0.25	714.92	AT&T Indianapolis N20108 240 N Meridian St Indianapolis IN 46204	LUST

UST Facility ID:	3923
Incident Number:	200709509
County:	Marion
Priority:	Unknown
Affected Areas:	
Description:	Deactivated (no release confirmed)

33	3 of 7	W/0.25	714.92	IND BELL TEL CO N20108 240 N MERIDIAN ST INDIANAPOLIS IN 46204	RCRA GEN

EPA Handler ID:	IND006938187
Current Site Name:	IND BELL TEL CO N20108
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	36 S FAIRVIEW FLOOR 4, , PARK RIDGE, IL, 60068,
Contact Name:	MANDY BOHLMANN
Contact Address:	36 S FAIRVIEW FLOOR 4, , PARK RIDGE, IL, 60068, US
Contact Email:	
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P

Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: INDIANA BELL TELEPHONE CO INC
Owner/Operator Address: 220 N MERIDAN ST INDIANAPOLIS IN 46204
Owner/Operator Phone: 8776482073
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19920228
Facility Name: IND BELL TEL CO N20108
Classification: Small Quantity Generator

Date Received: 19971104
Facility Name: IND BELL TEL CO N20108
Date Received: 20010108
Facility Name: IND BELL TEL CO N20108
Classification: Conditionally Exempt Small Quantity

Date Received: 20011116
Facility Name: IND BELL TEL CO N20108
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Waste Code: D008
Waste: LEAD

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: D000
Waste: DESCRIPTION

Violation/Evaluation Information

33	*4 of 7*	*W/0.25*	*714.92*	***IND BELL TEL CO*** ***240 N MEREDIAN ST*** ***INDIANAPOLIS IN 46204***	***RCRA NON GEN***

EPA Handler ID: INT190010017
Current Site Name: IND BELL TEL CO
Generator Status Universe: No Report
Land Type: Private
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N

Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 220 N MEREDIAN ST IND 31, , INDIANAPOLIS, IN, 46204,
Contact Name: PAUL RODE
Contact Address: 220 N MEREDIAN ST IND 31, , INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: INDIANA BELL TELEPHONE CORP
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19800818
Facility Name: IND BELL TEL CO
Hazardous Waste Information

Waste Code: D002
Waste: CORROSIVE WASTE

Waste Code: D000
Waste: DESCRIPTION

Violation/Evaluation Information

33	*5 of 7*	*W/0.25*	*714.92*	***AT AND T LONG LINES INDIANAPOLIS IND 240 N MERIDIAN ST INDIANAPOLIS IN 46204***	***RCRA NON GEN***

EPA Handler ID: INT190012989
Current Site Name: AT AND T LONG LINES INDIANAPOLIS IND
Generator Status Universe: No Report
Land Type:
Activity Location: IN

TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 1 S WACKER ATTN I STERLING, , CHICAGO, IL, 60606,
Contact Name: JOHN DREW
Contact Address: 1 S WACKER ATTN I STERLING, , CHICAGO, IL, 60606, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19810420
Facility Name: AT AND T LONG LINES INDIANAPOLIS IND
Hazardous Waste Information

Waste Code: D000
Waste: DESCRIPTION

Violation/Evaluation Information

33	*6 of 7*	*W/0.25*	*714.92*	***IND BELL TEL CO*** ***240 N MERIDIAN ST*** ***INDIANAPOLIS IN 46204***	***RCRA NON GEN***

EPA Handler ID: INT190010009

Current Site Name:	IND BELL TEL CO
Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	220 N MERIDIAN STREET IND, , INDIANAPOLIS, IN, 46204,
Contact Name:	PAUL RODE
Contact Address:	220 N MERIDIAN STREET IND, , INDIANAPOLIS, IN, 46204, US
Contact Email:	
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	INDIANA BELL TELEPHONE CORP
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

NAICS Information

Handler Information

Date Received:	19800818
Facility Name:	IND BELL TEL CO

Hazardous Waste Information

Waste Code:	D000
Waste:	DESCRIPTION
Waste Code:	D002
Waste:	CORROSIVE WASTE

Violation/Evaluation Information

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
33	7 of 7	W/0.25	714.92	AT&T Indianapolis N20108 240 N Meridian St Indianapolis IN 46204	UST

UST Facility ID: 3923
County: Marion
Company ID: 5239
Company Name:
Mailing Address: 308 S Akard Rm 1700
Mailing Address2: attn Steve Sparks
Maililng City: Dallas
Mailing State: TX
Mailing Zip: 75202

--- Details ---

Tank Number: 5
Tank Capacity: 275
Install Date:
Tank Status: Permanently Out of Service
Substance: Used Oil
+
Tank Number: 4
Tank Capacity: 1000
Install Date: 1/1/64
Tank Status: Permanently Out of Service
Substance: Other
+
Tank Number: 6
Tank Capacity: 8000
Install Date: 7/1/08
Tank Status: Currently in use
Substance: Diesel
+
Tank Number: 3
Tank Capacity: 1000
Install Date: 1/1/64
Tank Status: Permanently Out of Service
Substance: Other
+
Tank Number: 1
Tank Capacity: 15000
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 2
Tank Capacity: 15000
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel

34	1 of 2	W/0.25	714.31	AT&T Indiana Telephone 220 N Meridian St INDIANAPOLIS IN 46204	LUST

UST Facility ID: 3922
Incident Number: 200511512
County: Marion

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Priority: High
Affected Areas: Free Product
Description: NFA-Unconditional Closure

34	2 of 2	W/0.25	714.31	AT&T Indiana Telephone 220 N Meridian St INDIANAPOLIS IN 46204	UST

UST Facility ID: 3922
County: Marion
Company ID: 41941
Company Name:
Mailing Address: 220 N Meridian St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46204

--- Details ---
Tank Number: 2
Tank Capacity: 30000
Install Date:
Tank Status: Permanently Out of Service
Substance: Diesel
+
Tank Number: 1
Tank Capacity: 30000
Install Date:
Tank Status: Currently in use
Substance: Diesel

35	1 of 1	W/0.25	715.34	RR BRIDGE MERIDIAN & UNION ST 300 S MERIDIAN ST INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID: INR000022533
Current Site Name: RR BRIDGE MERIDIAN & UNION ST
Generator Status Universe: No Report
Land Type: Municipal
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 2421 CITY-CO BLDG, 200 E WASHINGTON ST, INDIANAPOLIS, IN, 46204,

Contact Name: EVERT HAUSER
Contact Address: 2421 CITY-CO BLDG, 200 E WASHINGTON ST, INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: INDIANAPOLIS CITY OF
Owner/Operator Address: 200 E WASHINGTON ST INDIANAPOLIS IN 46204
Owner/Operator Phone: 3173275881
Owner/Operator Type: M
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 20000111
Facility Name: RR BRIDGE MERIDIAN & UNION ST
Classification: Large Quantity Generator

Date Received: 20011115
Facility Name: RR BRIDGE MERIDIAN & UNION ST
Hazardous Waste Information

Waste Code: D007
Waste: CHROMIUM

Violation/Evaluation Information

Evaluation Start Date: 20001206
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

36	1 of 1	WSW/0.24	715.56	GALBREATH JOHN W AND CO 111 MONUMENT CIRCLE INDIANAPOLIS IN 46204	RCRA NON GEN

EPA Handler ID: IND982621294
Current Site Name: GALBREATH JOHN W AND CO
Generator Status Universe: No Report
Land Type:
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N

Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 111 MONUMENT CIRCLE, , INDIANAPOLIS, IN, 46204, US
Contact Name: RICK RENARD
Contact Address: 111 MONUMENT CIRCLE, , INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: AF CENTER LIMITED PAR
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CO
Owner/Operator Name: AF CENTER LIMITED PAR
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Indicator: CP
Owner/Operator Name: NAME NOT REPORTED
Owner/Operator Address: ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone: 3125551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 20040610
Facility Name: GALBREATH JOHN W AND CO

Date Received: 19890221
Facility Name: GALBREATH JOHN W AND CO
Classification: Small Quantity Generator

Hazardous Waste Information

Waste Code: F002
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: D001
Waste: IGNITABLE WASTE

Waste Code: D000
Waste: DESCRIPTION

Waste Code: F001
Waste: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation/Evaluation Information

37	1 of 1	NE/0.25	715.36	PARKING LOT 420 N EAST ST INDIANAPOLIS IN 46202	RCRA NON GEN

EPA Handler ID: INR000105015
Current Site Name: PARKING LOT
Generator Status Universe: No Report
Land Type: Private
Activity Location: IN
TSD Activity: N
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 700 MARKET TOWER, 10 W MARKET ST, INDIANAPOLIS, IN, 46204,
Contact Name: DAVID LIES
Contact Address: 700 MARKET TOWER, 10 W MARKET ST, INDIANAPOLIS, IN, 46204, US
Contact Email:
Location Street 2:

Owner/Operator Information
Owner/Operator Indicator: CO
Owner/Operator Name: NEW JERSEY ST ASSOCIATES LP
Owner/Operator Address: 700 MARKET TOWER INDIANAPOLIS IN 46204
Owner/Operator Phone: 3174648255
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 20011011
Facility Name: PARKING LOT
Classification: Small Quantity Generator

Date Received: 20011017
Facility Name: PARKING LOT
Hazardous Waste Information

Waste Code: D008
Waste: LEAD

Violation/Evaluation Information

38	1 of 1	SSE/0.27	711.81	Former Indiana Bell Telephone Co 450 E Washington St Indianapolis IN	BROWNFIELDS

BFD Site #: 4120807
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter requested 8/21/2012
ERC (NR-Not Required): NR
Restrictions/Contaminants:
ERC/Closure Letter Date:

39	1 of 1	SSE/0.28	712.83	FRED ABEL	SCP

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB
				IN	

Regulatory: 200709202
Program: SC
Reference: Access Point
Data Collected Date: 06/05/2008
Source Map:

40	1 of 1	SE/0.28	715.04	CARPENTERS LOCAL UNION 60	SCP
				IN	

Regulatory: 200710114
Program: SC
Reference: Access Point
Data Collected Date: 06/05/2008
Source Map:

41	1 of 2	SSE/0.29	712.50	HUB STATES 419 EAST WASHINGTON INDIANAPOLIS IN 46204	CERCLIS

Site ID: 0501400
Site EPA ID: IND039995279
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility: Not a Federal Facility
Site Cnty Name: MARION

CERCLIS Assess History

Date Started:
Date Completed:
Site Description: No description available
.

CERCLIS Assess History

Action: DISCOVERY
Date Started:
Date Completed: 6/1/1984 00:00:00
Site Description:

CERCLIS Assess History

Action: PRELIMINARY ASSESSMENT
Date Started:
Date Completed: 6/1/1985 00:00:00
Site Description:

CERCLIS Assess History

Action: SITE INSPECTION
Date Started:
Date Completed: 7/1/1985 00:00:00
Site Description:

CERCLIS Assess History

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started:
Date Completed: 3/19/1987 00:00:00
Site Description:

CERCLIS Assess History

Action: ARCHIVE SITE
Date Started:
Date Completed: 7/1/1985 00:00:00
Site Description:

41	2 of 2	SSE/0.29	712.50	HUB STATES 419 EAST WASHINGTON INDIANAPOLIS IN 46204	CERCLIS NFRAP

Site ID: 501400
Site EPA ID: IND039995279
Site Fips Code: 18097
Federal Facility:
Site Parent ID:
Parent Site Name:
Site Cngrsnl District Code: 10
Region Code: 5
State Code: IN
Site Cnty Name: MARION

CERCLIS-NFRAP Assess History

Action: DISCOVERY
Priority Level:
Date Started:
Date Completed: 6/1/1984

CERCLIS-NFRAP Assess History

Action: PRELIMINARY ASSESSMENT
Priority Level: Higher priority
Date Started:
Date Completed: 6/1/1985

CERCLIS-NFRAP Assess History

Action: SITE INSPECTION
Priority Level: NFRAP
Date Started:
Date Completed: 7/1/1985

CERCLIS-NFRAP Assess History

Action: HAZARD RANKING SYSTEM PACKAGE
Priority Level: NFRAP
Date Started:
Date Completed: 3/19/1987

CERCLIS-NFRAP Assess History

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Action: ARCHIVE SITE
Priority Level:
Date Started:
Date Completed: 7/1/1985

42	1 of 1	ESE/0.31	715.19	Teledyne National Tracing Paper 600 E Ohio St INDIANAPOLIS IN 46202	LUST

UST Facility ID: 6548
Incident Number: 199511515
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

43	1 of 1	W/0.34	711.25	Pierson Street Associates Ltd 251 N Illinois St Ste 150 INDIANAPOLIS IN 46204	LUST

UST Facility ID: 11999
Incident Number: 200302504
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

44	1 of 1	S/0.37	711.36	Indpls Dot Downtown Fuel Site 144 S Alabama INDIANAPOLIS IN 46204	LUST

UST Facility ID: 12232
Incident Number: 200009512
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

45	1 of 1	N/0.37	718.60	Goodyear Asc 6720 627 N Delaware St INDIANAPOLIS IN 46204	LUST

UST Facility ID: 2145
Incident Number: 199409521
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

46	1 of 2	SSE/0.36	727.81	Indianapolis Downtown Heliport 51 S. New Jersey St. INDIANAPOLIS IN 46204	LUST

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

UST Facility ID:	4232
Incident Number:	199806534
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

46	*2 of 2*	*SSE/0.36*	*727.81*	***Indianapolis Downtown Heliport*** ***51 S. New Jersey St.*** ***INDIANAPOLIS IN 46204***	***LUST***

UST Facility ID:	4232
Incident Number:	199401041
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

47	*1 of 1*	*SW/0.39*	*710.63*	***City Of Indianapolis-Dehd*** ***30 W Washington*** ***INDIANAPOLIS IN 46204***	***LUST***

UST Facility ID:	17774
Incident Number:	19901353
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

48	*1 of 1*	*S/0.41*	*706.48*	***A1 DOWNTOWN CAR CARE*** ***134 S Delaware St*** ***INDIANAPOLIS IN 46204***	***LUST***

UST Facility ID:	8867
Incident Number:	199705521
County:	Marion
Priority:	Medium
Affected Areas:	Groundwater, Soil
Description:	Active

49	*1 of 2*	*ENE/0.42*	*715.29*	***MECHANICS LAUNDRY AND SUPPLY*** ***711 E VERMONT ST*** ***INDIANAPOLIS IN 46202***	***RCRA TSD***

EPA Handler ID:	IND984901868
Current Site Name:	MECHANICS LAUNDRY AND SUPPLY
Generator Status Universe:	No Report
Land Type:	Private
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N

Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	11 S MERIDIAN ST, , INDIANAPOLIS, IN, 46204-1313, US
Contact Name:	STEVE M JESSE
Contact Address:	104 E 86TH ST, STE 46C, INDIANAPOLIS, IN, 46240, US
Contact Email:	STEVE@TWCINDY.NET
Location Street 2:	

Owner/Operator Information

Owner/Operator Indicator:	CO
Owner/Operator Name:	FRENCH DARROLL
Owner/Operator Address:	711 E VERMONT ST INDIANAPOLIS IN 46202
Owner/Operator Phone:	3172635262
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	MECHANICS LAUNDRY OF INDIANA INC
Owner/Operator Address:	BARNES & THORNBURG 11 S MERIDIAN ST INDIANAPOLIS IN US 46204-1313
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	16010101
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	MECHANICS LAUNDRY OF INDIANA INC
Owner/Operator Address:	BARNES & THORNBURG 11 S MERIDIAN ST INDIANAPOLIS IN US 46204-1313
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	16010101
Date Ended Current:	

Owner/Operator Indicator:	CO
Owner/Operator Name:	MECHANICS LAUNDRY OF INDIANA INC
Owner/Operator Address:	BARNES & THORNBURG 11 S MERIDIAN ST INDIANAPOLIS IN US 46204-1313
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	16010101
Date Ended Current:	

Owner/Operator Indicator:	CP
Owner/Operator Name:	MECHANICS LAUNDRY OF INDIANA INC
Owner/Operator Address:	BARNES & THORNBURG 11 S MERIDIAN ST INDIANAPOLIS IN US 46204-1313
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	16010101
Date Ended Current:	

NAICS Information

Naics Code: 812332
Naics Description: INDUSTRIAL LAUNDERERS

Handler Information

Date Received: 19931129
Facility Name: MECHANICS LAUNDRY AND SUPPLY
Date Received: 19910930
Facility Name: MECHANICS LAUNDRY AND SUPPLY
Date Received: 20090406
Facility Name: MECHANICS LAUNDRY AND SUPPLY
Classification: Large Quantity Generator

Date Received: 20100127
Facility Name: MECHANICS LAUNDRY AND SUPPLY
Date Received: 19920103
Facility Name: MECHANICS LAUNDRY
Classification: Large Quantity Generator

Hazardous Waste Information

Waste Code: D008
Waste: LEAD

Waste Code: D000
Waste: DESCRIPTION

Violation/Evaluation Information

Evaluation Start Date: 19930617
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Violation Determined Date: 19930617
Actual Return to Compliance Date: 19930617
Violation Responsible Agency: S
Enforcement Action Date: 19930617
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19930617
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19930617
Actual Return to Compliance Date: 19930617
Violation Responsible Agency: S
Enforcement Action Date: 19930617
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:

Final Amount:

Evaluation Start Date: 19931007
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19930617
Actual Return to Compliance Date: 19930617
Violation Responsible Agency: S
Enforcement Action Date: 19930617
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19931007
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: LDR - General
Violation Determined Date: 19930617
Actual Return to Compliance Date: 19930617
Violation Responsible Agency: S
Enforcement Action Date: 19930617
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 20090929
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

49	*2 of 2*	*ENE/0.42*	*715.29*	***Progress Linen*** ***711 E. Vermont St.*** ***Indianapolis IN***	***VCP***

Status: Active
Status Description: This project has a signed contract with VRP known as the Voluntary Remediation Agreement (VRA) and is no longer considered confidential.
Project Manager: Ridley
VRP ID Number: 6030701

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

New Coding Number: V30JH
Applicant Name: Filco Limited, LLC
County: Marion
Application Date: 25-Jul-03
Application Acceptance:
VRA Executed: 23-Mar-04
RWP Received:
RWP Approved:
Comp Report App:
Cert of Completion Date:
CNTS Date:
Comments:
Land Use Restrictions:

50	1 of 1	SW/0.42	709.88	National City Center 101 W Washington St INDIANAPOLIS IN 46204	LUST

UST Facility ID: 7786
Incident Number: 201011502
County: Marion
Priority: Unknown
Affected Areas: Soil
Description: NFA-Unconditional Closure

51	1 of 1	ENE/0.43	716.29	North Lockerbie Apartments 510 N College Ave Indianapolis IN	BROWNFIELDS

BFD Site #: 4121008
County: Marion
Financial Assistance:
Other Assistance: Brownfields Determination Letter 10/24/2012
ERC (NR-Not Required): NR
Restrictions/Contaminants:
ERC/Closure Letter Date:

52	1 of 1	W/0.44	709.40	Greyhound Lines Inc 127 N Capitol Ave INDIANAPOLIS IN 46204	LUST

UST Facility ID: 2378
Incident Number: 199003544
County: Marion
Priority: Low
Affected Areas: Soil
Description: NFA-Unconditional Closure

53	1 of 2	SSE/0.44	707.37	TOWN HOMES & RETAIL BUILDING PROPOSED 151 S EAST ST Indianapolis IN	AUL

Facility ID: 4040026
Regulatory Program: Brownfields Program

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

--- Details ---

Closure Type:	Site Status Letter
Date IC Recorded:	27-Jan-06
Affected Media:	Ground Water;Surface Soil;
Restriction Coverage:	Entire Property;Portion of property;
IC VFC ID:	38376463
VFC URL:	http://108.59.49.89/Pages/Member/View.aspx?DocId=38376463
Control Methods:	Access Control;GW Use;Ag/Food;Vapor Mitigation;
Contaminants of Concern:	VOC - Volatile Organic Compounds;Metals - Inorganic;
Control Type:	Environmental Restrictive Covenant

53	2 of 2	SSE/0.44	707.37	**Town Homes & Retail Bldg.** **Proposed** **151 S East St** **Indianapolis IN**	BROWNFIELDS

BFD Site #:	4040026
County:	Marion
Financial Assistance:	
Other Assistance:	Site Status Letter 9/8/2005 Comment Letter 10/20/10 Comment Letter 8/21/2007 Comment Letter 10/13/2004
ERC (NR-Not Required):	Yes
Restrictions/Contaminants:	No agriculture, water wells, excavation below 16 ft and install a vapor mitigation system (VOCs, PAHs in groundwater and TPH in soils)
ERC/Closure Letter Date:	1/27/2006

54	1 of 1	SSE/0.48	709.01	**A Borinstein Inc** **200 S East St** **INDIANAPOLIS IN 46202**	LUST

UST Facility ID:	8804
Incident Number:	199211511
County:	Marion
Priority:	Low
Affected Areas:	Soil
Description:	NFA-Unconditional Closure

55	1 of 1	W/0.49	710.40	**Indianapolis Card Mart** **355 N Indiana Ave** **Indianapolis IN**	BROWNFIELDS

BFD Site #:	4110412
County:	Marion
Financial Assistance:	
Other Assistance:	Comfort Letter 8/2/2011
ERC (NR-Not Required):	NR
Restrictions/Contaminants:	
ERC/Closure Letter Date:	

56	1 of 1	WNW/0.50	711.65	**COOPER TIRE** **IN**	SCP

Map Key	Number of Records	Direction/ Distance mi	Elevation ft	Site	DB

Regulatory: 200412167
Program: SC
Reference: Access Point
Data Collected Date: 02/28/2006
Source Map:

57	1 of 1	SW/0.91	707.10	CARL E MOST & SON INC 401 W SOUTH ST INDIANAPOLIS IN 46225	RCRA CORRACTS

EPA Handler ID: INR000017749
Current Site Name: CARL E MOST & SON INC
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Land Type: Private
Activity Location: IN
TSD Activity: Y
Mixed Waste Generator: N
Importer Activity: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Inject Activity: N
Rece Waste From Off Site: N
Used Oil Transporter: N
Used Oil Transfer Facility: N
Used Oil Processor: N
Used Oil Refiner: N
Used Oil Burner: N
Used Oil Market Burner: N
Used Oil Spec Marketer: N
Mailing Address: PO BOX 33579, , INDIANAPOLIS, IN, 462033579,
Contact Name: JOHN MOST
Contact Address: PO BOX 33579, , INDIANAPOLIS, IN, 462033579, US
Contact Email:
Location Street 2:

Owner/Operator Information

Owner/Operator Indicator: CO
Owner/Operator Name: T&L REALTY
Owner/Operator Address: 418 S MISSOURI ST INDIANAPOLIS IN 46225
Owner/Operator Phone: 3176342344
Owner/Operator Type: P
Date Became Current:
Date Ended Current:

NAICS Information

Handler Information

Date Received: 19981102
Facility Name: CARL E MOST & SON INC
Classification: Conditionally Exempt Small Quantity

Hazardous Waste Information

Waste Code: F005
Waste: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: D001
Waste: IGNITABLE WASTE

Violation/Evaluation Information

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION

Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:

Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S

Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION

Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date:	19980623
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	Used Oil - Generators
Violation Determined Date:	19980623
Actual Return to Compliance Date:	20020515
Violation Responsible Agency:	S
Enforcement Action Date:	20000302
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	

Evaluation Start Date:	19980623
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	Generators - Pre-transport
Violation Determined Date:	19980623
Actual Return to Compliance Date:	20020515
Violation Responsible Agency:	S
Enforcement Action Date:	20000330
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:	
Paid Amount:	21376
Final Amount:	21375

Evaluation Start Date:	19980623
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	Generators - General
Violation Determined Date:	19980623
Actual Return to Compliance Date:	20020515
Violation Responsible Agency:	S
Enforcement Action Date:	20000302
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	

Evaluation Start Date:	19980623
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	Generators - General
Violation Determined Date:	19980623
Actual Return to Compliance Date:	20020515
Violation Responsible Agency:	S
Enforcement Action Date:	20000330
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	

Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000330
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:
Paid Amount: 21376
Final Amount: 21375

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S

Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Used Oil - Generators
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION

Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 19990119
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - Pre-transport
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Evaluation Start Date: 19980623
Evaluation Agency: S
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description: Generators - General
Violation Determined Date: 19980623
Actual Return to Compliance Date: 20020515
Violation Responsible Agency: S
Enforcement Action Date: 20000302
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: PROPOSED AGREED ORDER (PAO) SENT
Proposed Penalty Amount:
Paid Amount:
Final Amount:

Event

Corrective Action Event Code:	CA070NO
Corrective Action Event Description:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20090501

Unplottable Summary

DB	Company Name/Site Name	Address	City	Zip
AUL	SHERMAN PARK PARCEL E	E MICHIGAN ST	Indianapolis IN	
BROWNFIELDS	Sherman Park Parcel E	E Michigan St	Indianapolis IN	
CERCLIS	SOUTH VIRGINIA STREET DUMP	SOUTH VIRGINIA ST	MARION IN	46952
CERCLIS NFRAP	SOUTH VIRGINIA STREET DUMP	SOUTH VIRGINIA ST	MARION IN	46952
ERNS		465 AND SOUTH EAST ST/US HWY 31	INDIANOPLIS IN	
ERNS		MASSACHUSETTS AVE OFF I- 70 JUST WEST OF EMERSON,AVE / NORTH SIDE OF I-70	INDIANAPOLIS IN	
ERNS		LILLY CORPORATE CENTER BUILDING 25-46,DELAWARE ST	INDIANAPOLIS IN	46285
ERNS		MASSACHUSETTS AVE INDIANAPOLIS LINE	INDIANAPOLIS IN	
HIS SPILLS		In the alley between the 1400-1500 block of N. Alabama & N. New Jersey	Indianapolis IN	
HIS SPILLS		South of New Jersey St., Center of Street	Indianapolis IN	
HIS SPILLS		1839 B. N. Talbott	Indianapolis IN	46202
HIS SPILLS		Blue building S side of Sy Joseph St, between Ft Wayne St and Alabama St-alleged source	Indianapolis IN	
HIS SPILLS		Conseco Fieldhouse parking lot, corner of Alabama and Georgia Sts	Indianapolis IN	
HIS SPILLS		Corp Ctr Delaware Gate	Indianapolis IN	46285
HIS SPILLS		Delaware Street	Indianapolis IN	
HMIRS		DELAWARE	INDIANAPOLIS IN	

RCRA GEN	MARION GENERAL HOSPITAL	WABASH AND EUCLID AVES	MARION IN	46952
RCRA NON GEN	INDIANA SOLDIERS AND SAILORS MONUMENT	DOWNTOWN MONUMENT CIRCLE	INDIANAPOLIS IN	46204
SPILLS		ILLINOIS AND VERMONT INDIANAPOLIS IN MARION CO	Indianapolis IN	
SPILLS		10640 W 475 HUDSON,IN	Marion IN	
SPILLS		465 and South East St/US hWY 31 Indianapolis, IN Marion County	IN	
SPILLS		Marion County Illinios st and Vermont st	IN	
UST	Seventh Day Adventist Conference	15250 N Meridian St	INDIANAPOLIS IN	46290

Unplottable Report

Site: ***SHERMAN PARK PARCEL E***
E MICHIGAN ST Indianapolis IN

Database: AUL

Facility ID: 4071120
Regulatory Program: Brownfields Program

--- Details ---
Closure Type: Comfort Letter
Date IC Recorded: 7-Mar-12
Affected Media: Ground Water;SubSurface Soil;
Restriction Coverage: Entire Property;
IC VFC ID: 65896116
VFC URL: http://108.59.49.89/Pages/Member/View.aspx?DocId=65896116
Control Methods: GW Use;Residential Use;Ag/Food;
Contaminants of Concern: VOC - Volatile Organic Compounds;
Control Type: Environmental Restrictive Covenant

Site: ***Sherman Park Parcel E***
E Michigan St Indianapolis IN

Database: BROWNFIELDS

BFD Site #: 4071120
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 11/3/2008
Comfort Letter 6/30/2008
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No residential, agriculture, water wells and excavate/dispose of soils (VOCs in soil and VOCs, TPH in groundwater)
ERC/Closure Letter Date: 3/7/2012
BFD Site #: 4071120
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 11/3/2008
Comfort Letter 6/30/2008
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No residential, agriculture, water wells and excavate/dispose of soils (VOCs in soil and VOCs, TPH in groundwater)
ERC/Closure Letter Date: 3/7/2012
BFD Site #: 4071120
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 11/3/2008
Comfort Letter 6/30/2008
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No residential, agriculture, water wells and excavate/dispose of soils (VOCs in soil and VOCs, TPH in groundwater)
ERC/Closure Letter Date: 3/7/2012
BFD Site #: 4071120
County: Marion
Financial Assistance:
Other Assistance: Comfort Letter 11/3/2008
Comfort Letter 6/30/2008
ERC (NR-Not Required): Yes
Restrictions/Contaminants: No residential, agriculture, water wells and excavate/dispose of soils (VOCs in soil and VOCs,

	TPH in groundwater)
ERC/Closure Letter Date:	3/7/2012
BFD Site #:	4071120
County:	Marion
Financial Assistance:	
Other Assistance:	Comfort Letter 11/3/2008 Comfort Letter 6/30/2008
ERC (NR-Not Required):	Yes
Restrictions/Contaminants:	No residential, agriculture, water wells and excavate/dispose of soils (VOCs in soil and VOCs, TPH in groundwater)
ERC/Closure Letter Date:	3/7/2012

Site: ***SOUTH VIRGINIA STREET DUMP***
SOUTH VIRGINIA ST MARION IN 46952

Database: CERCLIS

NPL Status:	Not on the NPL
Site ID:	0505647
Site EPA ID:	IND982071235
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility:	Not a Federal Facility
Site Cnty Name:	GRANT

CERCLIS Assess History

--	--
Date Started:	
Date Completed:	
Site Description:	No description available .
--	--

CERCLIS Assess History

--	--
Action:	DISCOVERY
Date Started:	
Date Completed:	11/6/1987 00:00:00
Site Description:	
--	--

CERCLIS Assess History

--	--
Action:	PRELIMINARY ASSESSMENT
Date Started:	
Date Completed:	11/4/1988 00:00:00
Site Description:	
--	--

CERCLIS Assess History

--	--
Action:	SITE INSPECTION
Date Started:	
Date Completed:	9/11/1991 00:00:00
Site Description:	
--	--

CERCLIS Assess History

--	--
Action:	ARCHIVE SITE
Date Started:	
Date Completed:	9/11/1991 00:00:00
Site Description:	
--	--

Site: ***SOUTH VIRGINIA STREET DUMP***
SOUTH VIRGINIA ST MARION IN 46952

Database: CERCLIS NFRAP

Site ID:	505647
Site EPA ID:	IND982071235
Site Fips Code:	18053
Federal Facility:	
Site Parent ID:	
Parent Site Name:	
Site Cngrsnl District Code:	5
Region Code:	5
State Code:	IN
Site Cnty Name:	GRANT

CERCLIS-NFRAP Assess History	
--	--
Action:	DISCOVERY
Priority Level:	
Date Started:	
Date Completed:	11/6/1987
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	PRELIMINARY ASSESSMENT
Priority Level:	Higher priority
Date Started:	
Date Completed:	11/4/1988
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	SITE INSPECTION
Priority Level:	NFRAP
Date Started:	
Date Completed:	9/11/1991
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	ARCHIVE SITE
Priority Level:	
Date Started:	
Date Completed:	9/11/1991
--	--

Site: ***Database:***

465 AND SOUTH EAST ST/US HWY 31 INDIANOPLIS IN ERNS

NRC Report Number:	1012016
Type Of Incident:	FIXED
Desc Remedial Action:	NONE
Description Of Incident:	CALLER REPORTED A SPILL OF SOME SORT OF OIL ONTO THE ROAD.
Release Secured:	U
Release Rate:	
Date Received:	19-MAY-12
Incident Cause:	UNKNOWN
Incident Date:	19-MAY-12
Incident Location:	
State Agency Notified:	NONE
Federal Agency Notified:	NONE
State Agency On Scene:	NONE
State Agency Report Num:	NONE
Responsible Company:	

Estima Duration of Release:	
Responsible Org Type:	UNKNOWN
Responsible City:	
Responsible State:	XX
Responsible Zip:	
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
Number Injured:	
Any Fatalities:	N
Number Fatalities:	
Any Damages:	N
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	LAND
Additional Medium Info:	
Body Of Water:	
Tributary Of:	
Weather Conditions:	PARTLY CLOUDY
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	NO
Community Impact:	
Additional Info:	NONE

Material Spill Information

--	--
CHRIS Code:	OUN
CAS Number:	000000-00-0
UN Number:	
Amount Of Material:	0
Unit Of Material:	UNKNOWN AMOUNT
Name Of Material:	UNKNOWN OIL
If Reached Water:	NO
Amount In Water:	
Unit Of Measure Reach Water:	
--	--

INDIANAPOLIS IN

NRC Report Number:	505114
Type Of Incident:	FIXED
Desc Remedial Action:	
Description Of Incident:	THE CALLER STATED THAT SEVERAL DRUMS AND ASBESTOS HAVE BEEN DUMPED INTOA LAKE
Release Secured:	
Release Rate:	
Date Received:	08-NOV-99
Incident Cause:	DUMPING
Incident Date:	07-NOV-99
Incident Location:	
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	
State Agency Report Num:	
Responsible Company:	CAITO FOODS
Estima Duration of Release:	
Responsible Org Type:	PRIVATE ENTERPRISE
Responsible City:	INDIANAPOLIS
Responsible State:	IN
Responsible Zip:	
Fire Involved:	N
Fire Extinguished:	
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
Number Injured:	
Any Fatalities:	U
Number Fatalities:	
Any Damages:	N
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	
Track Closed:	
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	WATER
Additional Medium Info:	UNNAMED LAKE / IT MAY ENTER POGES RUN
Body Of Water:	
Tributary Of:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	

Additional Info:	
Number Fatalities:	
Number Injured:	
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	
Track Closed:	
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	WATER
Additional Medium Info:	UNNAMED LAKE / IT MAY ENTER POGES RUN
Body Of Water:	
Tributary Of:	
Release Secured:	
Estimated Duration Of Release:	
Release Rate:	
Desc Remedial Action:	
State Agency On Scene:	
State Agency Report Num:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	
Employee Fatality:	
Passenger Fatality:	
Community Impact:	
Occupant Fatality:	
Additional Info:	
State Agency Notified:	
Any Fatalities:	U
Federal Agency Notified:	
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Date Received:	08-NOV-99
Responsible Company:	CAITO FOODS
Responsible Org Type:	PRIVATE ENTERPRISE
Responsible City:	INDIANAPOLIS
Responsible State:	IN
Responsible Zip:	
Description Of Incident:	THE CALLER STATED THAT SEVERAL DRUMS AND ASBESTOS HAVE BEEN DUMPED INTOA LAKE
Type Of Incident:	FIXED
NRC Report Number:	505114
Incident Cause:	DUMPING
Incident Date:	07-NOV-99
Incident Location:	
Fire Involved:	N
Fire Extinguished:	
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U

Any Damages: N

Material Spill Information
-- --
CHRIS Code: NCC
CAS Number:
UN Number:
Amount Of Material: 0
Unit Of Material: UNKNOWN AMOUNT
Name Of Material: ASBESTOS
If Reached Water: YES
Amount In Water: 0
Unit Of Measure Reach Water: UNKNOWN AMOUNT
-- --
Material Spill Information
-- --
CHRIS Code: OUN
CAS Number:
UN Number:
Amount Of Material: 0
Unit Of Material: UNKNOWN AMOUNT
Name Of Material: UNKNOWN OIL
If Reached Water: YES
Amount In Water: 0
Unit Of Measure Reach Water: UNKNOWN AMOUNT
-- --
Material Spill Information
-- --
CHRIS Code: NCC
CAS Number:
UN Number:
Amount Of Material: 0
Unit Of Material: UNKNOWN AMOUNT
Name Of Material: ASBESTOS
If Reached Water: YES
Amount In Water: 0
Unit Of Measure Reach Water: UNKNOWN AMOUNT
-- --
Material Spill Information
-- --
CHRIS Code: OUN
CAS Number:
UN Number:
Amount Of Material: 0
Unit Of Material: UNKNOWN AMOUNT
Name Of Material: UNKNOWN OIL
If Reached Water: YES
Amount In Water: 0
Unit Of Measure Reach Water: UNKNOWN AMOUNT
-- --

Site: ***Database:***
LILLY CORPORATE CENTER BUILDING 25-46,DELAWARE ST INDIANAPOLIS IN 46285 ERNS

NRC Report Number: 273265
Type Of Incident: FIXED
Desc Remedial Action: THE MATERIAL WAS RELEASED INTO THE CITY SANITARY SEWER SYSTEM/SECUREDTHE RELEASE
Description Of Incident: A STOCK POT AT THE FACILITY/THE POT WAS OVERFILLED DUE TO THE OPERATORNOT RESETTING THE VALVES ON THE UNIT
Release Secured: U
Release Rate:

Date Received:	14-DEC-94
Incident Cause:	OPERATOR ERROR
Incident Date:	14-DEC-94
Incident Location:	
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	
State Agency Report Num:	
Responsible Company:	ELI LILLY & COMPANY
Estima Duration of Release:	
Responsible Org Type:	PRIVATE ENTERPRISE
Responsible City:	MAYAGUEZ
Responsible State:	PR
Responsible Zip:	00709
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
Number Injured:	
Any Fatalities:	U
Number Fatalities:	
Any Damages:	N
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	WATER
Additional Medium Info:	SANITARY SEWER
Body Of Water:	
Tributary Of:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	N
Additional Info:	WILL NOTIFYT THE IDEM AND LEPC

Material Spill Information

--	--
CHRIS Code:	HXA
CAS Number:	
UN Number:	
Amount Of Material:	220
Unit Of Material:	LITER(S)

Name Of Material:	HEXANE
If Reached Water:	YES
Amount In Water:	220
Unit Of Measure Reach Water:	LITER(S)
--	--

Site:
MASSACHUSETTS AVE INDIANAPOLIS LINE INDIANAPOLIS IN

Database:
ERNS

NRC Report Number:	359488
Type Of Incident:	RAILROAD
Desc Remedial Action:	NONE
Description Of Incident:	TRESPASSER STRUCK BY A FREIGHT TRAIN
Release Secured:	U
Release Rate:	
Date Received:	04-SEP-96
Incident Cause:	UNKNOWN
Incident Date:	04-SEP-96
Incident Location:	
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	
State Agency Report Num:	
Responsible Company:	
Estima Duration of Release:	
Responsible Org Type:	UNKNOWN
Responsible City:	
Responsible State:	XX
Responsible Zip:	
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
Number Injured:	
Any Fatalities:	Y
Number Fatalities:	1
Any Damages:	N
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	RAIL REPORT (N/A)
Additional Medium Info:	
Body Of Water:	
Tributary Of:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	

Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	N
Additional Info:	TRAIN EASTBOUND AT 50MPH
Road Closure Time:	
Number Fatalities:	1
Number Injured:	
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	RAIL REPORT (N/A)
Additional Medium Info:	
Body Of Water:	
Tributary Of:	
Release Secured:	U
Estimated Duration Of Release:	
Release Rate:	
Desc Remedial Action:	NONE
State Agency On Scene:	
State Agency Report Num:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	U
Employee Fatality:	
Passenger Fatality:	
Community Impact:	N
Occupant Fatality:	
Additional Info:	TRAIN EASTBOUND AT 50MPH
State Agency Notified:	
Any Fatalities:	Y
Federal Agency Notified:	
Date Received:	04-SEP-96
Responsible Company:	
Responsible Org Type:	UNKNOWN
Responsible City:	
Responsible State:	XX
Responsible Zip:	
Description Of Incident:	TRESPASSER STRUCK BY A FREIGHT TRAIN
Type Of Incident:	RAILROAD
NRC Report Number:	359488
Incident Cause:	UNKNOWN
Incident Date:	04-SEP-96
Incident Location:	
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N

Who Evacuated:
Radius Of Evacuation:
Any Injuries: U
Any Damages: N
Nearest River Mile Marker:
Passengers Transferred: UNK

Site: ***Database:***
In the alley between the 1400-1500 block of N. Alabama & N. New Jersey Indianapolis IN HIS SPILLS

Spill No: 200107099
Incident Date/Time: 7/10/2001 14:00:00
Reported Date/Time: 7/11/2001 8:09:00
County: Marion
Material Name: Hydraulic oil
Spill Source: Trans - Truck
Spilled Amount: 40.00
Spilled Units: G
Recovered Amount:
Recovered Units:
Contained:
Spill Type: Spill
Receiving Water:
Area Affected: 150 ft. long
No. Fish Killed:
Water Supply Affected: N
Public Intake:

Site: ***Database:***
South of New Jersey St., Center of Street Indianapolis IN HIS SPILLS

Spill No: 199910092
Incident Date/Time: 10/14/1999 13:19:53
Reported Date/Time: 10/14/1999 13:19:53
County: Marion
Material Name: Fuel Oil
Spill Source: Commercial
Spilled Amount:
Spilled Units:
Recovered Amount:
Recovered Units:
Contained:
Spill Type: Other
Receiving Water:
Area Affected:
No. Fish Killed:
Water Supply Affected: N
Public Intake:

Site: ***Database:***
1839 B. N. Talbott Indianapolis IN 46202 HIS SPILLS

Spill No: 200207137
Incident Date/Time: 7/13/2002 18:36:00
Reported Date/Time: 7/13/2002 18:36:00
County: Marion
Material Name: mercury
Spill Source: Individual

Spilled Amount:
Recovered Amount:
Recovered Units:
Contained:
Spill Type: Spill
Receiving Water:
Area Affected: flooring
No. Fish Killed:
Water Supply Affected: N
Public Intake:
Spilled Units:

Site: ***Database:***
Blue building S side of Sy Joseph St, between Ft Wayne St and Alabama St-alleged source Indianapolis IN HIS SPILLS

Spill No: 200805203
Incident Date/Time: 5/22/2008 11:00:00
Reported Date/Time: 5/22/2008 11:20:00
County: Marion
Material Name: odor complaint
Spill Source: Unknown
Spilled Amount:
Spilled Units:
Recovered Amount:
Recovered Units:
Contained:
Spill Type: Air
Receiving Water:
Area Affected: atmosphere
No. Fish Killed:
Water Supply Affected: N
Public Intake:

Site: ***Database:***
Conseco Fieldhouse parking lot, corner of Alabama and Georgia Sts Indianapolis IN HIS SPILLS

Spill No: 200003241
Incident Date/Time: 3/27/2000 17:16:00
Reported Date/Time: 3/27/2000 17:16:00
County: Marion
Material Name: Diesel Fuel
Spill Source: Trans - Truck
Spilled Amount: 45.00
Spilled Units: G
Recovered Amount: 45.00
Recovered Units: G
Contained: Y
Spill Type: Other
Receiving Water: to pavement and storm drain
Area Affected: undetermined
No. Fish Killed: 0.00
Water Supply Affected: N
Public Intake: na

Site: ***Database:***
Corp Ctr Delaware Gate Indianapolis IN 46285 HIS SPILLS

Spill No:	199308070
Incident Date/Time:	8/9/1993 0:00:00
Reported Date/Time:	8/9/1993 0:00:00
County:	Marion
Material Name:	Rendered Pancreas Glands
Spill Source:	Industrial
Spilled Amount:	110.00
Spilled Units:	G
Recovered Amount:	110.00
Recovered Units:	G
Contained:	Y
Spill Type:	Spill
Receiving Water:	None
Area Affected:	400 Sq Ft
No. Fish Killed:	0.00
Water Supply Affected:	N
Public Intake:	

Site: ***Database:***

Delaware Street Indianapolis IN HIS SPILLS

Spill No:	200003236
Incident Date/Time:	3/27/2000 14:30:00
Reported Date/Time:	3/27/2000 14:50:00
County:	Marion
Material Name:	Diesel Fuel
Spill Source:	Trans - Truck
Spilled Amount:	75.00
Spilled Units:	G
Recovered Amount:	
Recovered Units:	
Contained:	
Spill Type:	Other
Receiving Water:	
Area Affected:	
No. Fish Killed:	
Water Supply Affected:	N
Public Intake:	

Site: ***Database:***

DELAWARE INDIANAPOLIS IN HMIRS

Report NO:	I-2000010958
Report Type:	A hazardous material incident
NRC Number:	
Date of Incident:	12/14/1999
Time of Incident:	1000
Federal DOT Report NO:	
Federal DOT Agency Name:	
Recommend Action Taken:	
Description of Events:	DRIVER RECEIVED THE OKAY TO UNLOAD. DRIVER AIR UNLOADS THE CARGO TANK. TOWARDS THE END OF UNLOADING CONSIGNEES STORAGE TANK OVERFLOWED. DRIVER SHUT OFF DISCHARGE VALVE AND NOTIFIED UNLOADER. ALL PRODUCT WAS CONTAINED IN KIKED AREA. INVESTIGATION REVEALS THAT THE SHIPPER SENT MORE PRODUCT THAN THE CONSIGNEE ORDERED. UNLOADING PERSONNEL CLEANED DIKED AREA.
Fire EMS Report Ind:	No
Fire EMS Report NO:	
Police Report Ind:	No
Police Report NO:	

In House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Property Damage:	0
Remediation Cleanup Cost:	200
Total Hazmat Fatalities:	0
Total Evacuated:	0
Incident Occurrence:	
Spillage Result Ind:	Yes
Fire Result Ind:	No
Explosion Result Ind:	No
Water Sewer Result Ind:	No
Gas Dispersion Result Ind:	No
Environ Damage Result:	No
No Release Result Ind:	No
Incident County:	MARION
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier Reporter ST Name:	4428 MIDLOTHIAN TPKE
Carrier Reporter City:	CRESTWOOD
Carrier Reporter State:	
Carrier Reporter Post Code:	60445
Carrier Repo Non US State:	IL
Carrier Repo Fed DOT ID:	104249
Carrier Repo Haz Reg ID:	
Carrier Reporter Country:	UNITED STATES
Contact Name:	JAMES E BUCKO
Contact Title:	DIRECTOR OF SAFETY
Contact Business Name:	
Contact Street:	
Contact City:	
Contact State:	
Contact Postal Code:	
Contact Non US State:	
Contact Country:	US
Total Hazmat Injuries:	0

--- Details ---

Commodity Name:	HYDROCHLORIC ACID SOLUTION
Technical Trade Name:	HYDROCHLORIC ACID
Identification Number:	UN1789
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Quantity Released:	200
Unit of Measure:	LGA
Hazmat Waste Indicator:	No
Hazmat Waste EPA Number:	
HMIS Toxic by Inhalation Ind:	No
TIH Hazard Zone:	
Failure Cause Description:	

Site: ***MARION GENERAL HOSPITAL***
WABASH AND EUCLID AVES MARION IN 46952

Database: RCRA GEN

EPA Handler ID:	IND984876219
Current Site Name:	MARION GENERAL HOSPITAL
Generator Status Universe:	Conditionally Exempt Small Quantity Generator
Land Type:	
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N

Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	441 N WABASH AVE, , MARION, IN, 46952,
Contact Name:	RICHARD MARTIN
Contact Address:	441 N WABASH AVE, , MARION, IN, 46952, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
Owner/Operator Indicator:	CO
Owner/Operator Name:	MARION GENERAL HOSPITAL
Owner/Operator Address:	WABASH & EUCLID AVE MARION IN 46952
Owner/Operator Phone:	3175551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Handler Information	
--	--
Date Received:	19970909
Facility Name:	MARION GENERAL HOSPITAL
Classification:	Conditionally Exempt Small Quantity
--	--
Hazardous Waste Information	
--	--
Waste Code:	U002
Waste:	2-PROPANONE (I) (OR) ACETONE (I)
--	--
Waste Code:	U162
Waste:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
--	--
Waste Code:	U239
Waste:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
--	--
Waste Code:	U122
Waste:	FORMALDEHYDE
--	--
Violation/Evaluation Information	
--	--

Site: ***INDIANA SOLDIERS AND SAILORS MONUMENT***
DOWNTOWN MONUMENT CIRCLE INDIANAPOLIS IN 46204

Database: RCRA NON GEN

EPA Handler ID: IND984866889

Current Site Name:	INDIANA SOLDIERS AND SAILORS MONUMENT
Generator Status Universe:	No Report
Land Type:	State
Activity Location:	IN
TSD Activity:	N
Mixed Waste Generator:	N
Importer Activity:	N
Transporter Activity:	N
Transfer Facility:	N
Recycler Activity:	N
Onsite Burner Exemption:	N
Furnace Exemption:	N
Underground Inject Activity:	N
Rece Waste From Off Site:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	100 N SENATE AVE RM 510, , INDIANAPOLIS, IN, 46204,
Contact Name:	NORMAN ALBERSHARDT
Contact Address:	100 N SENATE AVE RM 510, , INDIANAPOLIS, IN, 46204, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
Owner/Operator Indicator:	CO
Owner/Operator Name:	STATE OF INDIANA
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	S
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NAME NOT REPORTED
Owner/Operator Address:	ADDRESS NOT REPORTED CITY NOT REPORTED AK 99998
Owner/Operator Phone:	3125551212
Owner/Operator Type:	S
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Handler Information	
--	--
Date Received:	19881114
Facility Name:	INDIANA SOLDIERS AND SAILORS MONUMENT
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
--	--
Waste Code:	D008
Waste:	LEAD
--	--
Violation/Evaluation Information	
--	--

Site:
ILLINOIS AND VERMONT INDIANAPOLIS IN MARION CO Indianapolis IN

Database:
SPILLS

Incident Status:	Closed
Incident No:	34154
Incident Date/Time:	3/1/2013 20:40
Reported Date/Time:	3/1/2013 20:40
County:	Marion
Spill Source:	Other
Material:	
Spilled Amount:	
Units:	
Spill Type:	Emergency Response-Other
Receiving Water:	
Public Intake:	

Site:
10640 W 475 HUDSON,IN Marion IN

Database:
SPILLS

Incident No:	23073
Incident Status:	Closed
Incident Date/Time:	7/3/2011 10:00
Reported Date/Time:	7/5/2011 11:20
County:	Lagrange
Spill Source:	Municipal
Material:	Sewage
Spilled Amount:	
Units:	
Spill Type:	Emergency Response-Reportable Spill
Receiving Water:	
Public Intake:	

Site:
465 and South East St/US hWY 31 Indianapolis, IN Marion County IN

Database:
SPILLS

Incident No:	28998
Incident Status:	Closed
Incident Date/Time:	5/19/2012 0:58
Reported Date/Time:	5/21/2012 9:52
County:	Marion
Spill Source:	Unknown
Material:	
Spilled Amount:	
Units:	
Spill Type:	Emergency Response-Other
Receiving Water:	
Public Intake:	

Site:
Marion County Illinios st and Vermont st IN

Database:
SPILLS

Incident No:	33744
Incident Status:	Closed
Incident Date/Time:	2/9/2013 0:00
Reported Date/Time:	2/9/2013 9:30
County:	Marion

Spill Source:
Material:
Spilled Amount:
Units:
Spill Type: Emergency Response-Other
Receiving Water:
Public Intake:

Site: ***Seventh Day Adventist Conference***
15250 N Meridian St INDIANAPOLIS IN 46290

Database: UST

Company ID: 11063
UST Facility ID: 18870
County: Marion
Company Name:
Mailing Address: 15250 N Meridian St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46290
UST Facility ID: 18870
County: Marion
Company ID: 11063
Company Name:
Mailing Address: 15250 N Meridian St
Mailing Address2:
Maililng City: Indianapolis
Mailing State: IN
Mailing Zip: 46290

--- Details ---
Tank Number: 1
Tank Capacity: 10000
Install Date: 1/1/76
Tank Status: Permanently Out of Service
Substance: Gasoline
--- Details ---
Tank Number: 1
Tank Capacity: 10000
Install Date: 1/1/76
Tank Status: Permanently Out of Service
Substance: Gasoline

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Oct 25, 2013

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Oct 25, 2013

Delisted NPL: DELISTED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Oct 25, 2013

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Mar 2013

RCRA CORRACTS- Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Dec 9, 2014

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Dec 9, 2014

RCRA Generator List: RCRA GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10).

Government Publication Date: Dec 9, 2014

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Dec 9, 2014

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 30, 2014

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jul 30, 2014

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the The National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 9, 2014

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jul 16, 2014

State

State Hazardous Waste Sites: SHWS

A list of Hazardous Waste Response Sites scored using the Indiana Scoring Model (ISM). State hazardous waste site records are the states' equivalent to Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). These sites may or may not already be listed on the federal CERCLIS list. CERCLIS contains data on potentially hazardous waste sites that have been reported to the US Environmental Protection Agency (EPA) by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Government Publication Date: Dec 7, 2000

Indiana Permitted Solid Waste Facilities: SWF

Statewide list of active and inactive solid waste facilities permitted by Indiana Department of Environmental Management (IDEM).

Government Publication Date: Jan 22, 2014

Waste Disposal, Storage, and Handling: WASTE

List of waste site locations for the disposal, storage, and handling of solid and hazardous waste in Indiana recorded by the Indiana Department of Environmental Management, Office of Land Quality (IDEM, OLQ). Types of waste sites include constructions/demolition waste, composting of CFO waste, clean fill, municipal, non-municipal, open dumps, restricted waste, surface impoundments, sanitary landfills, incinerators, material recovery, medical waste, recycling, and waste transfer stations.

Government Publication Date: Feb 4, 2014

Old Landfills: OLD LF

List includes solid and industrial waste landfills that are finished with their post-closure care, and older landfills that were never permitted. Post-closure care requires submittal of documentation to Indiana Department of Environmental (IDEM), maintenance of the cover, and methane and ground water monitoring, where applicable. Landfills that are finished with post-closure care: no longer submit information; IDEM inspects them less frequently; and they disappear off the Permit Manager's list.

Government Publication Date: Apr 30, 2010

Leaking Underground Storage Tanks: LUST

List of Leaking Underground Storage Tank (LUST) sites in the Indiana Department of Environmental Management (IDEM) database. Includes suspected, active, and no-further-action release sites from regulated and non-regulated tanks.

Government Publication Date: Sep 30, 2014

Underground Storage Tanks (UST): UST

A List of Underground Storage Tanks (UST) in Indiana registered by the Indiana Department of Environmental Management (IDEM). The Underground Storage Tanks program is responsible for assuring that all regulated underground storage tanks meet the US Environmental Protection Agency (EPA) and Indiana's requirements for release detection, spill prevention and corrosion protection, and to ensure that tanks not meeting those requirements are properly closed or upgraded.

Government Publication Date: Aug 27, 2014

Activity and Use Limitations: AUL

List of sites recorded by the Indiana Department of Environmental Management, Office of Land Quality (IDEM OLQ) where the Risk Integrated System of Closure (RISC) guidelines allowed for a risk-based closure with some type of land use restrictions or institutional controls after remediation.

Government Publication Date: Sep 3, 2014

Voluntary Remediation Agreement: VCP

List of Voluntary Remediation Program (VRP) sites released by the Indiana Department of Environmental Management (IDEM). The VRP provides a process for property owners, operators, potential purchasers, and third parties to voluntarily address -- by investigating and, if necessary, remediating -- property that is or that may be contaminated. Note: All VRP sites are considered confidential until the applicant and IDEM sign the Voluntary Remediation Agreement (VRA) which is a contractual agreement. No work is performed by IDEM on a project until the VRA is executed. Confidential sites do not appear on this list.

Government Publication Date: Jan 31, 2012

Brownfields Site List: BROWNFIELDS

List of sites at which the Indiana Brownfields Program, administered by the Indiana Finance Authority (IFA) has considered or provided financial, legal or technical assistance. Indiana defines a brownfield as: a parcel of real estate that is abandoned or inactive, or may not be operated at its appropriate use; and on which expansion, redevelopment, or reuse is complicated, due to the presence or potential presence of a hazardous substance, a contaminant, petroleum, or a petroleum product that poses a risk to human health and the environment.

Government Publication Date: Nov 1, 2013

Tribal

No Tribal standard environmental record sources available for this State.

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Aug 16, 2014

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2012

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Mar 16, 2014

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Feb 4, 2014

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

State

State Cleanup Sites: SCP

State Cleanup site list maintained by the Indiana Department of Environmental Management, Office of Land Quality (IDEM, OLQ). Includes sites that are on the Commissioner's Bulletin as well as referred remedial response locations and sites referred by other IDEM programs, which require mitigation of risk to human health and the environment through investigation, remediation or institutional controls. In general, the State Cleanup Section addresses sites and properties contaminated with hazardous substances or petroleum hydrocarbons that do not qualify for inclusion on the US EPA Superfund National Priorities List or do not qualify to be managed by another IDEM Remediation Branch Section.

Government Publication Date: Jun 25, 2013

Spills Incidents Database: SPILLS

Spill incidents reported to the Emergency Response Program in the Indiana Department of Environmental Management (IDEM).

Government Publication Date: Mar 31, 2014

Historic Spill Incidents: HIS SPILLS

Spill occurences reported to the Emergency Response Unit in the Indiana Department of Environmental Management (IDEM) prior to December 3, 2010.

Government Publication Date: Dec 3, 2010

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

APPENDIX E
HISTORICAL AERIAL PHOTOGRAPHS

1937 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

1941 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:2,400

0 0.02 0.04 0.08 mi

0 0.0325 0.065 0.13 km

1956 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

1962 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

1972 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

1986 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

1993 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

2005 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

2014 Aerial Photograph, 222 N. Alabama Street, Indianapolis, IN

February 10, 2015

1:1,200

0 0.01 0.02 0.04 mi

0 0.015 0.03 0.06 km

APPENDIX F
HISTORICAL CITY DIRECTORY LISTINGS

HIG Research Summary

Site Location:

Parking Lot
222 North Alabama Street
Indianapolis, IN

HIG Project #:

1512365

Research Summary Completed:

2/3/2015

Historical Information Gatherers

Conducted For:

IWM Consulting Group
3640-C New Vision Drive
Fort Wayne, IN

This Research Summary identifies the products and services ordered from Historical Information Gatherers, Inc. (HIG) for the above referenced site location.

City Directory Pages

A search was conducted for directories that include coverage of the site area. This included researching one or more of the following: HIG's City Directory Collection, the Allen County (Indiana) Public Library's city directory collection, the Library of Congress Business Reference Services Collection and other miscellaneous online sources.

N. Alabama Street (1914-2013)
E. New York Street (1914-2013)

Disclaimer & Waiver of Liability

This Research Summary and the related documents and images provided by Historical Information Gatherers (hereafter referred to as the "Site Specific HIG Data") contain information obtained from a variety of public and private sources. Additional information for the site and surrounding properties may exist. Accordingly, there can be no guaranty that the information provided is complete for its intended purpose. No warranty expressed or implied, is made whatsoever in connection with the Site Specific HIG Data. Historical Information Gatherers specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular purpose. Historical Information Gatherers, its officers, employees and independent contractors cannot be held liable to anyone for any loss or damage, whether arising out of errors or omissions, negligence, accident or any other cause, resulting directly or indirectly from any information provided or any information not provided in the Site Specific HIG Data. Any liability on the part of Historical Information Gatherers is strictly limited to a refund equal to the amount paid for the Site Specific HIG Data.

HIG Copyright Notice

Copyright 2015 by Historical Information Gatherers, Inc. All rights reserved. The person or entity that ordered and paid for the Site Specific HIG Data is granted a limited license to reproduce the Site Specific HIG Data solely for purposes of providing supporting documentation for reports produced for the site location which is noted on page one of this Research Summary. Any other reproduction of the Site Specific HIG Data in any media or format, in whole or in part, is prohibited without prior written permission from Historical Information Gatherers.

Licensing Agreement

The licensing agreement between Historical Information Gatherers and infoGroup provides that Historical Information Gatherers may create photocopies or reproductions of portions of Polk City Directories, Hill-Donnelley Criss-Cross Directories and other directories under infoGroup copyright. The licensing agreement also permits the person or entity that ordered and paid for the Site Specific HIG Data to include photocopies or reproductions of portions of Polk City Directories, Hill-Donnelley Criss-Cross Directories and other directories under infoGroup copyright as supporting documents for reports produced for the site which is the subject of the Site Specific HIG Data.

City Directory Abstract

The information below is taken directly from city directory books. The following are definitions as they are found in the Haines books:

XXXX = is no phone, no people or non-published phone.
600 XXXX = Correct address only. No other information.
X Streetname = intersecting cross street

Historical Information Gatherers

Publication	**2010 Indianapolis - Haines**	HIG Project No.	1412365
Street	**East New York Street, Indianapolis, I**	Report Date	2/3/2015

Address	Listing
205	WHEELER MSN MINISTRIES ADM OFC
205	CARE CNTR THE
301	PHYSIOTHERAP ASSOCIATES
302	XXXX
304	TUCHMAN CLEANERS
304	US DRY CLEANING CORP
305	SIMMONS & ASSOCIATES
308	FIXX HAIR STUDIO THE
317	XXXX
321	ARTEKNA
324	LOCKERBIE FAMILY MEDICINE
324	PUBLIC SAFETYMEDICL SERVICES
343	FIRMIN Mark
347	HEARD Andrew
350	BLATT HASENMIELLER LEIBSKER
350	FISHER ARTHUR D OD
350	FUSEK'S TRUE VALUE
350	HUSSEY STEPHEN E CPA
350	IN CT FOR PROSTHETIC DENTISTRY
350	JAVITCH BLOCK & RATHBONE
350	LEARFIELD SPORTS
350	LIPTACK Diane Law Office
350	PANTZER KURT PC
350	AFLAC
351	ASDELL Melodie
355	XXXX
359	MEEK Julie
	X N NEW JERSEY ST
	X N CLEVELAND ST

City Directory Abstract

The information below is taken directly from city directory books. The following are definitions as they are found in the Haines books:

XXXX = is no phone, no people or non-published phone.
600 XXXX = Correct address only. No other information.
X Streetname = intersecting cross street

Historical Information Gatherers

Publication	**2005 Indianapolis - Haines**	HIG Project No.	1412365
Street	**East New York Street, Indianapolis, I**	Report Date	2/3/2015

Address	Listing
	X N PENNSYLVANIA ST
	X N TALBOTT ST
	X MASSACHUSETTS AVE
	X N DELAWARE ST
205	CARE CNTR THE
	X HUDSON ST
	X N ALABAMA ST
301	PHYSIOTHERAPY ASSOCIATES
302	AMER FAMILY INSURANCE
302	KAMAX LP
304	TUCHMAN CLEANERS BRNCH
305	SIMMONS & ASSOCIATES
308	FIXX HAIR STUDIO THE
321	ARTEKNA
324	VOELKEL SONJA MD
324	CAMPAIGN FOR HLTH BBS GEN OFC
324	IVY HOMES CORPORATE OFFICE
324	MERIDIAN GYNECOLGCL
324	PERRY NICOLE MD
324	SERVICE DESIGN TIER TECHNOLOGY
343	FIRMIN Mark
347	HEARD Andrew
350	LIPTACK DIANE L PC ATTY
350	JAVITCH BLOCK & RATHBONE
350	SHERCK PATRICK K CPA OFC
350	SHERCK HUSSEY&JOHNSON LLC CPA
350	MCNAUGHTON JENNI L CPA
350	JOHNSON TERRY L CPA
350	IN CT PROSTHETIC DENTISTRY

350	HUSSEY STEPHEN E CPA OFC
350	FUSEK S TRUE VALUE
350	FISHER ARTHUR D OD OFC
350	BLATT HASENMIELLER LEIBSKER
350	MID-STATES ENGINEERING
350	RENAULT ANNETTE
351	ASDELL Terry J
355	COX C A
359	MEEK Ted E
	X N NEW JERSEY ST

2001 Marion County, IN - Polk City Directories

N NEW JERSEY ST

5891ⓃMessick K L 254-8243
Weaver Christopher S [2] ☗ 475-1554
5892 Strietelmeier James H & Peggy [9]+ ☗ 253-7538
+KESSLER BOULEVARD EAST DR INTERSECTS

· ZIP CODE 46220 CAR-RT C051
5914 Ringlespaugh Richard S [9]+ ☗
Ringlespaugh Susan C
5922 Bruno Michael D & Melanie [2] ☗
5926 Collet Charles J & Louise [9]+ ☗
5932 Not Verified
5939 Liles Lisa B [9]+ ☗
5940 Kipfer Kurt F & Ingrid [8] ☗
5945 Fritz Veronica A [9]+ ☗
5946 Born Lawrence J & Elizabeth [7] ☗ 254-8872
5949 Berman Melvin R [9]+ ☗ 465-9195
5950 Ressler Laura M 255-1193
Ressler Pamela R [8] ☗ 255-1193
5955 Witczak Peter J & Kathryn [3] ☗ 466-0875
5956ⓃHowe Joanne L ☗ 202-0437
5959 Grow Patricia O [3] ☗
5960 Not Verified
5961 Tavel Aviva M [8] ☗ 255-9905
5963 Hayenga Raymond A & Louisa [6] ☗ 475-0158
5966 Harper David A [5] ☗
Harper Shoshana W
5972 Nordstrom Bruce A & Patricia [9]+ ☗ 253-5829
+E 60TH ST INTERSECTS
BUSINESSES 34 HOUSEHOLDS 513

S NEW JERSEY ST (INDIANAPOLIS)-FROM 301 VIRGINIA AVE SOUTH

+E WASHINGTON ST CONTINUES
+N NEW JERSEY ST INTERSECTS

· ZIP CODE 46204 CAR-RT C005
10 KUNZ RESTORATIONS.... 639-2764
100 GOODMAN JEWELERS 236-1000
230 STEELE & LANE GROUP 822-8043
310 KUNZ & KUNZ..... 262-1132
320 JOHN OBERLIES CONSULTING ENGRS 636-3941
51 INDIANAPOLIS HELIPORT 955-8652
JAPAN-AMERICA SOCIETY-INDIANA growers' assns 635-0123
+E PEARL ST INTERSECTS
+E LOUISIANA ST INTERSECTS
302 SERVICE PIPE & SUPPLY 639-9308
308 BASS PHOTO COMPANY 632-2277
CHRIS DAY PHOTOGRAPHIC STUDIO 464-9166
POSITIVE LIGHT PHOTOGRAPHIC 632-4242
324 RAY MASCARI crackers cookies 637-0234
+E SOUTH ST INTERSECTS

· ZIP CODE 46225 CAR-RT C010
428 Not Verified
+E HENRY ST INTERSECTS
+E MERRILL ST INTERSECTS
+E NORWOOD ST INTERSECTS
+E MCCARTY ST INTERSECTS
1032 Warren Edwin [2]..... 822-9138
1035 IMMANUEL UNITED CHURCH-CHRIST 631-2427
1040 Gore D M [3]..... 632-6462
+PROSPECT ST BEGINS
+E MORRIS ST CONTINUES
+SANDERS ST INTERSECTS
+ORANGE ST INTERSECTS
+PARKWAY AVE INTERSECTS
+TERRACE AVE INTERSECTS

· ZIP CODE 46225 CAR-RT C006
1402 Keys Courtney C [2]..... 423-1703
1403 Neylon K C [8]..... 767-9740
1407 Mullen Michelle [2]..... 423-3185
1411 Miller Harry W [5]..... 951-8573
1412-1417 Not Verified (3 Hses)
1420 Myers Joseph A [4] ☗ .. 631-7046
1421 Hines Michael R [6] ☗.. 972-9725
1422 Not Verified
1424 Kaminsky Patricia J [9]+ ☗
1425ⓃSmith Jeffrey L ☗
1428 Amonett Robert A [9]+ ☗ 637-7339
1429 Duff Kenneth W [9]+ ☗. 686-0932
1432 Cunningham Roy E [7].. 464-9305
1436 Jacobs Robert E
Jacobs William [9]+ ☗
1439 Wilkerson Kellie D [5]
1440ⓃLambert Zane R
1441 Not Verified
1507 ABBOTT THOMAS W... 634-5369
Abbott Rev Thomas W & Rosemary [9]+ ☗ 634-5369
1513 Not Verified
1514 Rogers Beverly R [9]+ ☗
1515 Not Verified
1519 Allen Jeffrey A [9]+ ☗... 972-6872
1520 Roberts Scott D [4] ☗... 635-5834
1525 Bickwermert Tammy L [2] 972-8477
2 Passwater Karen [2]
1526 Allen Jay S [9]+ ☗
1531 Bennett Kenneth R [5] ☗
1538 Horn Lee C [2] ☗..... 951-1698
1542-1543 Not Verified (2 Hses)
1545 Carman Blanche [9]+ ☗ 638-8275
1551 Pagel Brenda J [9]+ ☗
1555 Not Verified
+LINCOLN ST INTERSECTS

· ZIP CODE 46225 CAR-RT C002
2501 Stearns Matthew J [9]+ ☗
Stearns Sharon K
2502 Roman Jack R Jr [9]+ ☗ 786-9123
2505 Moon Paul A & Shari [9]+ ☗ 787-4661

S NEW JERSEY ST

2506 Smith Cheryl L [9]+ ☗.. 788-7430
2509ⓃFelling Chance ☗
2510 Not Verified
2514 Thompson J [5] ☗..... 791-1775
2515 Baker Steven R [5] ☗... 789-0102
2517 Gillen Richard J [9]+ ☗ 788-7975
2523 McClellan Anita K..... 786-2482
McClellan Timothy B [5] ☗ 786-2482
2524 Montgomery John T & Sherry [9]+ ☗ 783-6458
2525 Rosales Ramon C [5] ☗
2528 Not Verified
2531 Carty Evalyne J [9]+ ☗
2532 Kelso Sherry L [2]
2535 Wise Martha C & Kenneth [9]+ ☗ 784-4309
+E SOUTHERN AVE INTERSECTS

· ZIP CODE 46227 CAR-RT C016
3200 Duke Garry E & Janet [9]+ ☗
Yantiss John J & Brenda [9]+ ☗ 783-5969

· ZIP CODE 46227 CAR-RT C005
3302 Richie Donna M [9]+ ☗ 784-8046
3303 Kraeszig James G [9]+ ☗ 784-8931
3305 Adams Phillip R [9]+ ☗. 784-7481
3306 Lambert Patricia A 783-6325
Lambert Ronald L [9]+ ☗ 783-6325
3309ⓃBrooks Sharon I ☗..... 885-9072
3310 Mennel Patricia A [9]+ ☗ 786-7732
3313 Conrad Beatrice M [9]+ ☗ 786-4924
3314 Neitz Mikel R [6]
3317 Weist Barbara J 786-7407
Weist Jerry L [9]+ ☗ ... 786-7407
3320ⓃEyster Randy C
3321 Lanahan Helen L [9]+ ☗ 786-3218
+E WERGES AVE INTERSECTS
3401 Bishop Alvie A [9]+ ☗
3402 Meyer Henry J & Theresa [9]+ ☗ 784-3507
3405 Bumgardner Mickey P [9]+ ☗
3408 Shepard Sharon R [9]+ ☗
3412 Berger Mary J [9]+ ☗... 784-1863
3413 Salisbury James A [9]+ ☗
Salisbury Karla J
3415 Marocco Ashlee T [9]+ ☗ 782-4222
Marocco Judith A..... 782-4222
3416ⓃSchulz Mary F ☗..... 783-2933
3417 Scott Doris J [9]+ ☗ 787-2811
3420 Isom Gertrude D [6] ☗
3421 Winter Walter S [9]+ ☗. 787-1635
3422 Busald Raymond J & Mary [9]+ ☗ 786-2073
3425 Kjeldsen James G [9]+ ☗ 784-1365
3428ⓃSeniour-Cline Sheila I
3429 Vaughn Dorothy C [9]+ ☗
3437 Arthur Robert E & Bertha [9]+ ☗ 784-4354
3440 Lawson Karen D 780-1415
Lawson Rick [2] ☗..... 780-1415
+E SUMNER AVE ENDS
3529 Fox David M..... 782-3307
Fox Vera L [9]+ ☗..... 782-3307
3600 Not Verified
3601 Prusa Michael B & Joan [5] ☗ 786-3156
3612 Faust Donald P [9]+ ☗. 786-9653
3622 Smith Dwayne E [3] ☗.. 786-2009
3624 McAllister David L & Jennifer [9]+ ☗
3625 Williams Rebecca [9]+ ☗ 786-6883
3630 Dugan Joan M [9]+ ☗... 784-3006
3636 Pinna Michael B & Lillian [9]+ ☗ 784-2391
3642 Northcutt Marvin J..... 786-8911
Northcutt Mary [9]+ ☗.. 786-8911
3645 Reed Deulah..... 786-3165
Reed Roscoe C [9]+ ☗ 786-3165
3646 Baumann Joe [6]..... 787-5834
3647 Dawson Betty J 786-3739
Dawson Thomas B [9]+ ☗ 786-3739
3649 Kirby Nancy J..... 786-0605
Kirby Robert L [3] 786-0605
3650 Baumann Kathleen M [2] 357-2991
3651 Chambers Larry K [9]+ ☗ 787-3141
3653 Durrett Daniel L & Geralyn [9]+ ☗ 788-0269
3670 Wagner Alfred P
Wagner Ralph A [6] ☗
3674 Loeblin La M [9]+ ☗ 784-5147
3742 Terhune Patricia A
Terhune Timothy W [4] ☗
3746 Vonhagel Betty J..... 786-3237
Vonhagel Leonard J [9]+ ☗ 786-3237
3802 Roach John W [9]+ ☗
3808 Powell Kristin M [2]
3814 Schaler Elaine P [2]
Schloegl Jospeh [2] ☗. 781-8838
3820 Rasdall Penny M [9]+ ☗
3828 Budde Brian K [2]
Budde Nathalie M
+PACIFIC ST INTERSECTS
3903 Lipp James J [9]+..... 783-2639
3904 Niehaus Harold N & Elizabeth [9]+ ☗ 787-0846
3908 Pack Dallas G [9]+ ☗
Pack Katherine L
3912 Bireley Julianna M
Bireley Michael K [7] ☗
CRYSTAL CLEAN JANITORIAL bldg component clng se 786-2418
3916 Smith Joseph D [9]+ ☗. 784-3378
+E HANNA AVE INTERSECTS

· ZIP CODE 46227 CAR-RT C028
6631 Murry Lelah M..... 783-1802
Murry Seldon F [5] ☗.. 783-1802
6632 Foley Chrystal M [5] ☗
6635 Berger James O & Mary [5] ☗ 784-5119
6639 Henson Ronald L [5] ☗ 786-3120

S NEW JERSEY ST

6640 Murello Joann T..... 786-0336
Murello Joe [4] ☗..... 786-0336
6643 Gilaspy Richard C [5] ☗ 787-3994
Smay Sharon A [6] ☗
6644 Davidson Douglas A & Joan [9]+ ☗ 788-6983
6647 Kellermeier Robert C [6] ☗ 784-6777
6648 Underwood John L..... 787-7165
Underwood Pat J [5] ☗ 787-7165
6652 Steffey Patricia J [2]..... 786-5288
6653 Forey Edward L & Rosalee [5] ☗ 786-7528
6656 Mullen Elizabeth M [5] ☗ 791-7016
6660 Salamone Frank S & Dolores [8] ☗ 784-4664
6705 Kopac Kari K..... 786-1220
Kopac Stephen T [2] ☗ 786-1220
6706 Smay Judith A [5] ☗
6711 Wombles Thelma O [4] ☗ 787-7810
6712 Ward Russell W [6] ☗.. 787-0938
Ward Shirley A 787-0938
6717 Zimmerman Alma [6] ☗ 783-6684
Zimmerman Mary A..... 783-6684
6718 Mills Joan M [5] ☗..... 791-5198
6723 Bowles Ray N [4] ☗..... 787-3094
6724 Russ Melvin H..... 788-2865
Russ Shirley A [5] ☗... 788-2865
6729 Driml Mary L [2]
6730 Hildebrandt Agathe [4] ☗ 787-2924
6735 Not Verified
6736ⓃBall Joan S
Hallett Robert G [8] ☗
6742 Rinker Sara D [6] ☗..... 784-7029
6744 Jenkins Millicent S [6] ☗ 786-7903
6747 Townsend Dolores M [6] ☗
6748 Vetter Gregory A [9]+ ☗ 786-3094
+TULIP DR INTERSECTS
6816ⓃLach Don K
Leach Donald K & Margaret [9]+ ☗ 787-9979
6821 Peerbhoy Iirfan A [6] ☗ 786-0568
6824 Freed Cynthia D
Freed Norma [5] ☗
6831 Aikins Bonnie J
Aikins George L [9]+ ☗
6834 Robertson Jerema
Robertson Leon S [9]+ ☗
6841 Barrier Jack D [9]+ ☗
Barrier Robyn N
6844 Tobin Ronald L & Linda [9]+ ☗ 783-4302
6903 Whitson Cathleen A [7]
6904 Hodder Harlan T & Marjorie [9]+ ☗ 787-8780
6912 Williams Earl E [9]+ ☗
6915 Tinkle Mary E & Eric [7] ☗ 782-4821
6920 Skidmore Sheridan W Jr & Janice [9]+ ☗ 783-9763
+E VENOY DR BEGINS

· ZIP CODE 46227 CAR-RT C025
7525 Clayton Judith A..... 889-6159
Clayton Walter [9]+ ☗.. 889-6159
7528 Manning Kimberly R [5] ☗
7535 Whalin Charles B [9]+ ☗ 881-4571
Whalin Frances S 881-4571
7538ⓃLawrence Dennis A & Nancy ☗ 882-5539
7545 Gillette Merri L..... 881-6079
Gillette Stephen H [9]+ ☗ 881-6079
7548 Reed Larry E & Debra [9]+ ☗ 887-1511
7600 Not Verified
7603 Price Chester Jr [9]+ ☗
Price Kimberlee J
7614 Neff Bertha A [9]+ ☗.... 888-7613
7617 Jordan Barbara R [9]+ ☗ 881-5666
7623 Ross Judith A
Ross Ronald J [9]+ ☗
7626 Kinstler Lynn M..... 859-0211
Kinstler Michael A [7] ☗ 859-0211
7633 Corn Conni M..... 889-1507
Corn Stephen P [6] ☗. 889-1507
7634 Rietel Judith M..... 889-6067
Rietel Louis Jr [9]+ ☗.. 889-6067
7643 Weimer Michael L [6] ☗
7646 Miller Timothy J & Lynette [9]+ ☗
+BENTON DR ENDS
BUSINESSES 15 HOUSEHOLDS 176

NEW LONDON CT (INDIANAPOLIS)-FROM 8399 HAMPTON CIR W

· ZIP CODE 46256 CAR-RT R045
8430 Thompson Jack L [4] ☗
8431ⓃPettigrew David W & Pamela ☗ 579-1562
1 MIRADRI 594-8390
8441 Murphy Martha P..... 576-0104
Murphy Rahlen F Jr [9]+ ☗ 576-0104
8450 Pressner Joseph A [4] ☗ 913-0323
Pressner Sharon K..... 913-0323
+HAMPTON CIR N BEGINS
BUSINESSES 1 HOUSEHOLDS 4

NEW SALEM OVERLOOK (INDIANAPOLIS)-FROM 8913 LOG RUN DR N

· ZIP CODE 46234 CAR-RT C038
3902 Rosenberger Becky J.... 298-4474
Rosenberger Scott J [9]+ ☗ 298-4474
3905 Clark Robyn A & Richard [5] ☗ 290-1939
3912 White Charles H & Susan [9]+ ☗ 299-9174
3915 Ashby David M & Kathryn [9]+ ☗ 299-8535

NEW SALEM OVERLOOK

3922 McDonnel William J [9]+ ☗ 290-8176
3925 Cressman Erik N [9]+ ☗ 298-4632
Cressman Lisa S..... 298-4632
3932 Winningham Burce R [9]+ ☗ 387-1493
3935 Hawvermale Greta J [9]+ ☗ 293-6019
HOUSEHOLDS 8

E NEW YORK ST (INDIANAPOLIS)-FROM 299 N ALABAMA ST EAST

+N MERIDIAN ST CONTINUES
+W NEW YORK ST INTERSECTS
+N PENNSYLVANIA ST INTERSECTS
+N TALBOTT ST INTERSECTS
+N DELAWARE ST INTERSECTS
+MASSACHUSETTS AVE INTERSECTS
+HUDSON ST INTERSECTS
+N ALABAMA ST INTERSECTS

· ZIP CODE 46204 CAR-RT C044
302 AMERICAN FAMILY INSURANCE 262-2250
BOND FRANCINE..... 262-2250
304 TUCHMAN CLEANERS
Indry/drycleaner agts.... 635-5810
308 FIXX HAIR STUDIO
324 PUBLIC SAFETY MEDICAL SERVICE..... 972-1703
100 HEALTH DIRECTIONS 684-7100
250 IVY HOMES..... 681-5020
290 VOELKEL SONJA internal medicine prac 262-4801
290 VON STEIN ALAN internal medicine prac 262-4801
300 MIDWEST TOXICOLOGY SERVICE 262-2200
350 ALBERTO BERRONES & ASSOCIATES 637-1443
BAIRD & BAIRD 262-4877
DBISP..... 684-7185
LIPTACK DANIE L..... 262-4850
SEATONCORP..... 466-2439
220 HUSSEY STEPHEN E CPA auditing serv 236-0888
220 SHERCK HUSSEY & JOHNSON auditing serv 236-0888
220 SHERCK PATRICK K CPA auditing serv 236-0888
246 ROUSE JEFFREY A dentist 262-4699
250 FISHER ARTHUR D optometrist 634-8617
270 MUSIC STRIPCOM video discs prerecorde 684-7181
300 MID STATES ENGRNG 634-6434
+N NEW JERSEY ST INTERSECTS

· ZIP CODE 46202 CAR-RT C013
402 1 Piedmonte George A [3] ☗
1 Piedmonte Germaine
8 Townsley Jeramy A [5]
404 12 Fordham Glenn P [2]. 916-1382
14 Not Verified
19 Howellowesso Tommy A [2] 972-9035
422 DOWNTOWN COMMERCIAL SELF-STGE..... 631-9241
MNR 916-6770
MUSSETT NICHOLAS & ASSOCIATES 631-9241
100 PAVESE IMAGINIG 263-0060
+N CLEVELAND ST ENDS
426 LIGHTHOUSES MINISTRIES 636-0301
434 BURGER SONDRA..... 634-8565
CHARLES D HANKEY LAW OFFICE 634-8565
DU BACH JAMES M... 634-8565
+N EAST ST INTERSECTS
512 Carlson Milo L [7] ☗..... 635-4147
CARLSON ML..... 635-4147
Shugert Carol M [9]+ ☗
2 Not Verified
520 D Heininger Mary B [8]
D Heininger Miriam E
521ⓃDailey Chad A
ⓃMcCauley Timothy J
524 Temple Mary R [9]+ ☗... 636-6271
528 Jones Norman R [2] ☗... 634-6000
Jones Rob..... 634-6000
ⓃThompson Christina R
536 Kienle James T & Marjorie [4] ☗
536½ Faust Jy L [3]
540 Vollmar Guy L [9]+ ☗..... 236-7103
+N PARK AVE INTERSECTS
601 AMICI'S DOWNTOWN ITALIAN restr 634-0440
602 Dixon Janet G [9]+ ☗..... 630-1182
Dixon William E Sr..... 630-1182
608 Day Mark A & Pamela [9]+ ☗ 264-9388
613 4 Lacy Phillip G [6]
615 Lester Lou V..... 631-3025
Lester Venna [9]+ ☗.... 631-3025
616 Baker Brian T [3]..... 916-8676
Rosenberger Stanley W [9]+ ☗ 261-1228
3 Not Verified
619-621 Not Verified (2 Hses)
624 Reust Scott E [9]+
626 Huston Ann L
Huston Michael L [9]+ ☗
ⓃMcKinney Kevin L ☗
628 Not Verified
630 Miller David E [3] ☗
631 DOCTORS ANSWERING SERVICE blood hlt serv..... 631-3466
FREIHOFER WALTER B 262-5555
GENNESARET FREE CLINIC 262-5645

E NEW YORK ST

INDIANAPOLIS MEDICAL SOCIETY 639-3406
TRIUMPH COMMUNICATION binoculars telescops 681-0556
634 Joven James A [5] ☗..... 955-1114
640ⓃMulhern Kelli M
+N COLLEGE AVE INTERSECTS
701 OFFICE PLANNING..... 263-2072
ROWLAND DESIGN insp/testg serv 636-3980
+SPRING ST ENDS
723 Echarry Ciro A [9]+ ☗.... 238-0713
+FULTON ST INTERSECTS
743 RALPH'S GREAT DIVIDE bars lounges..... 637-2192
+N DAVIDSON ST INTERSECTS

· ZIP CODE 46202 CAR-RT C034
920 CAPITOL CITY IRON WORKS partitions/supports/st..... 263-5080
PROCOAT..... 263-5071
+RAILROAD CROSSES
1001 MARSHALL BUILDING SPECIALTIES..... 635-3888
1040 70001 OF INDIANAPOLIS 236-7400
COMMUNITY ADDICTIONS community dev grps 633-8240
JOHN H BONER COMMUNITY CENTER 236-7400
PARENTS & BABY PROGRAM & HI-FI geriatric social serv 633-3013
1050 GENERAL FURNITURE & BEDDING gifts/novelties 632-8531
+DORMAN ST INTERSECTS
+N HIGHLAND AVE INTERSECTS
1205 HOPE INTERNATIONAL MINISTRIES..... 955-0358
1210 McLean Maureen J [9]+ ☗ 631-4369
1218 Cobbs Robbie B [9]+ ☗
Cobbs Roger W
1222 Jaussaud Nancy A [9]+ ☗
1302 Lusk Ellen B [9]+ ☗..... 631-6904
1306 Lusk Diane D..... 681-0742
Lusk Robert E [5] ☗.... 681-0742
1317 Wilson Michelle L [9]+ ☗
1321 Rubio Juan J [2]..... 955-7947
1322 Harshey Jeffrey M [9]+ ☗ 631-5360
+N ORIENTAL ST INTERSECTS

· ZIP CODE 46201 CAR-RT C030
1402 Rogers Khalid [3]..... 632-7289
1403-1404 Not Verified (2 Hses)
1406 Clark Lucille C [9]+..... 636-9628
1409 Werle Joseph W [9]+ ☗ 636-6234
1410ⓃWillham Leonard ☗
1417 Bendler Dee [2]..... 822-0644
1422 Burdette Edward S [9]+ ☗ 632-4263
1423½ Johnson Victoria O [2] 423-2931
1425 Hood David L [2] ☗
1429 Not Verified
+N ARSENAL AVE INTERSECTS
+N SUMMIT ST INTERSECTS
1601 GRINSTEINER FUNERAL HOME 632-5374
1621 ROBERT F GARDNER COMPANY card prtg/engraving..... 634-2333
1638 PAQUERIA MICHOACANA restr 634-3933
+N STATE AVE INTERSECTS
1728 SANDPAPER AMERICA 631-7263
+N WALCOTT ST INTERSECTS
+N RANDOLPH ST INTERSECTS
+PARKVIEW AVE INTERSECTS
+HENDRICKS PL INTERSECTS

· ZIP CODE 46201 CAR-RT C028
2030 Sanchez Pedro [2]..... 917-8461
2032 Tinajero Armando [6]..... 631-5705
+N HAMILTON AVE INTERSECTS
+JEFFERSON AVE INTERSECTS
2203 Demoss Tammy L [4]
2205 Cornett Roger D [2]..... 917-9527
2207 Many D [2]..... 423-1710
2209 Not Verified
2219ⓃTerrell Melissa ☗
2229 COSSEY'S AUTOMOTIVE engine repr..... 631-5010
+N BEVILLE AVE INTERSECTS
2305 Jenkins Jerry E [5] ☗... 267-9439
2308 Pullins Marian Y [4] ☗
2312 Not Verified
2325 M & K PACKAGE LIQUOR 638-5777
+N KEYSTONE AVE INTERSECTS

· ZIP CODE 46201 CAR-RT C026
2415 K & K DAIRY QUEEN restr fast food..... 638-5432
2416 1 MELMEJOKRY INTERNATIONAL 231-9719
2425 INDIANAPOLIS PHOTOLAB film dev serv..... 631-9211
+N FOREST AVE ENDS
+N TACOMA AVE INTERSECTS
+N TEMPLE AVE INTERSECTS
2601 VIDA NUEVA UNITED METHODIST 636-2819
2621 Not Verified
+EASTERN AVE INTERSECTS
2706 McCorkle Randy [9]+..... 685-1698
2708 Crawley Dollie S [2]..... 917-8782
2727 AMBER MOTORS..... 634-4045
+N RURAL ST INTERSECTS

· ZIP CODE 46201 CAR-RT C022
2801 VILLAGE PANTRY..... 632-4330
2810 CALCARS..... 638-7680
2817 Burket Rosalie J [9]+ ☗
2818 Sluss Rebecca E [9]+ ☗ 637-2367
2818½ Bingle Brian [2]..... 917-1829
2821ⓃPetro Wilma
2822 Thomas Dora I
ⓃThomas Timothy A
2824 Not Verified
2830 Heavrin John L [8]
2836 Not Verified
2837 ST MATTHEW LUTHERAN CHURCH..... 637-8870

1997 Indianapolis, IN Cross Reference Directory - R. L. Polk & Co.

S NEW JERSEY ST cont'd

Address Zip+4 CarrRte Phone

6821 Ruark Robert C -2341 C028 783-7648
6841 Barrier Jack D -2341 C028 786-9715
6844 Tobin Ronald L -2342 C028 783-4302
6903 Clark Cathy -2343 C028 788-6243
Clark Wally -2343 C028 788-6243
6904 Hodder Harlan T -2344 C028 787-8780
6912 Williams S E -2344 C028 783-4524
6915 Haines Thomas -2343 C028 781-0016
6920 Skidmore Sherdi Jr -2344 C028 783-9763
7525 Clayton J -2492 C017 889-6159
7535 Whalin Charles -2492 C017 881-4571
7538 Brown Kevin -2493 C017 889-3278
Brown Roxanna -2493 C017 889-3278
7545 Gillette Stephen -2492 C017 881-6079
7548 Reed Debra -2493 C017 887-1511
7600 Brookbank Rob -2488 C017 889-6858
7614 Neff B -2488 C017 888-7613
7617 Jordan Donald E -2487 C017 881-5666
7626 Kinstler Lynn -2488 C017 859-0211
Kinstler Michael -2488 C017 859-0211
7634 Rietel Louis -2488 C017 889-6067
7643 Maher Robert -2487 C017 889-7558

BUSINESSES 22 HOUSEHOLDS 129

NEW LONDON CT (I) 46256

8430 Thompson Jack L -9783 R045 577-9805
8431 Holloway Bryan -9783 R045 576-9024
Holloway Connie -9783 R045 842-7583
8441 Murphy Rahlen F Jr -9783 R045 576-0104

HOUSEHOLDS 4

NEW PALESTINE (NP) 46163

Jackson Robert 861-4698
3 Evans B S 861-4945

HOUSEHOLDS 2

S NEW PALESTINE (NP) 46163

100 Waggoner Richard D 861-5603
200 Abbott Edward L 861-5281
Corley R J 861-6870
300 Hullander Rick 861-6019
600 Bratton Stephen J 861-9620

HOUSEHOLDS 5

W NEW PALESTINE (NP) 46163

Adams Jerry L 861-5154
Griffin James L 861-5195
650 Brosler Wayne 861-9813
Caudill Dolon 861-4205
Rusche John 861-5997
Stuck Donald 861-4421
700 Halthcoat Tom 861-9991

HOUSEHOLDS 7

NEW PALESTINE VLG (NP) 46163

Green Charles H 861-4019
Perry William D 861-6757

HOUSEHOLDS 2

NEW SALEM (I) 46234

3902 Rosenberger Scott 298-4474
3912 White Charles H 299-9174
3915 Ashby David M 299-8535
3922 McDonnell William J 290-8176
3925 Cressman E N 298-4632
Cressman L S 298-4632
3935 Hawvermale G J 293-6019
Simonson K M 293-6019

HOUSEHOLDS 8

NEW SALEM OVERLOOK (I) 46234

3905 Collett Brian -1346 C038 299-9911

HOUSEHOLDS 1

S NEW STATE ROAD 37 (GR) 46143

812 Dewbrew Clint -9017 R004 888-5061
1147 Smith Gregory -8612 R004 889-1401

HOUSEHOLDS 2

NEW WHITELAND RD (M) 46151

8125 TIM WILSON COUNTRYSIDE AUTO -8373 R008 422-9000
8195 JERRY HILLENBURG CABINETMAKER -8373 R008 422-8884
8345 Whited Johnson -8331 R008 422-5272
8495 Korra R C -8331 R008 422-5220
8499 Sparks Mary K -8331 R008 422-9650
8505 Chambers M T -8331 R008 422-5455
8695 Damon Wayne E -7506 R008 422-5266
8745 Stoughton Arthur -7506 R008 422-5262
8895 Stoughton Steven A -7331 R008 422-9932
8945 Gilbreath W H -7331 R008 422-9394

BUSINESSES 2 HOUSEHOLDS 8

NEW WINCHESTER RD (S) 46180

8293 Dixon V R -9740 R001 539-6400
8306 Childress Wayne -9741 R001 539-6167

HOUSEHOLDS 2

E NEW YORK ST (I) 46204

26 LIGHTHOUSES MINISTRIES C032 636-0301
205 MANPOWER TEMPORARY SVC -2114 C035 262-1122
302 QUALITY STAFFING SVC -2117 C083 636-4133
308 FREDA'S STYLING SALON -2117 C083 263-6008
324 IVY HOMES INC -2117 C083 681-5020
LENTZ & HEIDELMAN -2117 C083 262-4838
MARCH OF DIMES -2117 C083 262-4668
MERIDIAN GYNECOLOGICAL CTR -2117 C083 262-4801
RICHARD S BLOOMER JR DDS -2117 C083 262-4688
ST VINCENT OCCUPATIONAL HEALTH -2117 C083 636-6114
Hartman Kimberly -2117 C083 262-4801
Kapp Michael G -2117 C083 262-4838
Vonstein Alan -2117 C083 262-4801
350 ARTHUR D FISHER OD -2134 C083 634-9617
DIANE L UPTACK -2134 C083 262-4850
JEFFREY A ROUSE DDS -2134 C083 262-4699
LAWRENCE GROUP INC -2134 C083 262-4667
PHYSICIANS PRACTICE MANAGEMENT -2134 C083 261-2648
SHERCK GRIMES HUSSEY & JOHNSON -2134 C083 236-0888
STAFF MANAGEMENT -2134 C083 269-0700
Grimes Terry E -2134 C083 236-0888
Johnson Terry L -2134 C083 236-0888
Wolf William V Jr -2134 C083 262-4877

ZIP CODE 46202

402 George J D -3657 C013 972-1642
Montgomery Glenn A -3657 C013 638-9429
Murray Leonard -3657 C013 630-1657
Norris Richard -3657 C013 632-0644
Quinones Jose P -3657 C013 638-9048
Weber Marilyn -3657 C013 631-4426
404 Caldwell Roger -3651 C013 632-7116
Ewing Kyle -3651 C013 687-0470
Gutierrez Roberta -3651 C013 972-1742

E NEW YORK ST cont'd

Address Zip+4 CarrRte Phone

Meldrum Lawrie G -3651 C013 238-9211
Peterson Wendy K -3651 C013 638-1436
Stepp Sherri -3651 C013 634-1938
Swanigan C -3651 C013 231-9708
Wallace E -3651 C013 972-6732
Winstead Curney -3651 C013 684-9564
422 NICHOLAS MUSSETT & ASSOC INC -3628 C013 631-9241
434 CHARLES D HANKEY LAW OFFICE -3602 C013 634-8565
Burger Sondra -3602 C013 634-8565
Dubach James M -3602 C013 634-8565
Hankey Charles D -3602 C013 634-8565
439 HOOSIER RADIATOR INC -3627 C013 630-1888
512 Carlson M L -3630 C013 635-4147
520 Hardy Paula J -3630 C013 264-8539
Howard Danny -3630 C013 972-1487
Macleod Jenny -3630 C013 266-8605
Sinclair P F -3630 C013 972-9329
521 Turner Herman Jr -3629 C013 638-6009
524 Temple M -3630 C013 636-6271
528 Hostetler Gary -3630 C013 685-2562
536 Nelson Charles F -3630 C013 767-1537
Rowe Billy -3630 C013 226-9681
540 Vollmar Guy L -3630 C013 236-7103
601 AMICI'S ITALIAN RESTAURANT -3706 C013 634-0440
602 Dixon W E -3707 C013 630-1182
608 Day Mark A -3707 C013 264-9388
615 Lester Venna -3706 C013 631-3025
616 Cunningham A M -3707 C013 632-4835
Harpole Courtney -3707 C013 632-7616
Rosenberger Stanley W -3707 C013 261-1228
Tappy Julie -3707 C013 632-7616
621 Goins Thomas M -3706 C013 974-1269
624 Mason Damian -3707 C013 261-1299
626 Jenks Nancy -3707 C013 634-8745
630 Jones A -3707 C013 637-4730
631 GENNESARET FREE CLINIC -3706 C013 262-5645
INDIANAPOLIS MEDICAL SOCIETY -3706 C013 639-3406
MEDICAL SOCIETY EXCHANGE -3706 C013 631-3466
TRIUMPH COMMUNICATIONS CORP -3706 C013 681-0556
Beesley Robert -3706 C013 831-6660
Freihofer Walter B -3706 C013 262-5555
Lee Randall -3706 C013 631-6660
634 Senn Michael -3707 C013 262-1249
638 Dollard John C -3707 C013 236-9366
656 SYNTAX DEV OF SIMMONS & ASSOC -3707 C013 237-9481
701 OFFICE PLANNING INC ROWLAND ASSOCIATES INC -3708 C013 636-3980
Rowland Sallie -3708 C013 636-3980
Strantz Ronald R -3708 C013 636-3980
723 Echarry Ciro -3753 C013 238-0713
725 E & L INVESTMENT -3753 C013 237-4347
743 GREAT DIVIDE -3746 C013 637-2192
902 HOME LUMBER & SUPPLY CO CORP -3729 C034 637-4561
920 CAPITOL CITY IRON WORKS -3729 C034 263-5080
PROCOAT -3729 C034 263-5071
1001 MARSHALL BUILDING SPECIALTIES -3754 C034 635-3888
1030 GOODWILL INDUSTRIES -3730 C034 237-6472
1040 70001 OF INDIANAPOLIS PITS -3730 C034 633-7000
-3730 C034 633-8240
1050 LANTER DELIVERY -3730 C034 635-9100
1205 KIRSTEIN'S AUCTION SVC -3756 C034 636-7536
1210 McLean M -3734 C034 631-4369
1302 Lusk Robert E Jr -3736 C034 262-8527
1314 Lusk Anna R -3736 C034 631-6904
1318 Lime David P -3736 C034 632-6359
Thomas James J -3736 C034 638-8601
1322 Harshey Jeffrey -3736 C034 631-5360

ZIP CODE 46201

1401 Meaney Robert -3020 C030 636-7606
1402 Smith D L -3021 C030 263-0621
1406 Clark Lucile -3021 C030 636-9628
1409 Hurt Roger -3020 C030 972-0212
Morgan Job K -3020 C030 269-8402
Werle Joseph -3020 C030 636-6234
1410 Smith Kelly -3021 C030 974-0153
1417 Range Michael A -3020 C030 684-9338
1422 Burdette Edward -3021 C030 632-4263
1427 Thomas Charles A -3020 C030 972-0586
1429 Brown Sandy -3020 C030 637-3024
1431 Bradley Kim -3020 C030 972-1050
1438 Lee Raymond -3021 C030 686-9638
1601 GRINSTEINER FUNERAL HOME INC -3022 C030 632-5374
Preston Sam H -3022 C030 632-5374
1621 ROBERT F GARDNER CO -3022 C030 634-2333
1630 AMERICAN COUNCIL OF THE BLIND -3023 C030 638-7552
1638 CELIA MEXICAN RESTAURANT -3023 C030 634-3933
1701 HALL-NEAL PEERLESS -3024 C030 635-7441
1717 REXROAT ENTERPRISES -3024 C030 262-8811
1825 Sizemore D -3026 C030 231-1439
2030 Rivera Santos -3178 C028 630-9809
2032 Tinajero Jose -3178 C028 631-5218
2201 JJB PROPERTIES -3100 C028 637-4554
2203 Turman Charles -3100 C028 634-3066
2205 Mayes Alan D -3100 C028 684-9067
2209 Mayes William -3100 C028 236-8195
2229 COSSEY'S AUTOMOTIVE INC -3148 C028 631-5010
2312 Switzer Breanna -3114 C028 635-1805
2316 Williams Joseph -3114 C028 972-0197
2325 M & K PACKAGE LIQUOR INC -3113 C028 638-5777
2415 DAIRY QUEEN -3231 C026 638-5432
2416 THOMAS SUPERMARKET -3232 C026 636-7531
2425 INDIANAPOLIS PHOTOLAB INC -3266 C026 631-9211
2601 VIDA NUEVA UNITED METHODIST -3261 C026 636-2819
2704 Saunders K -3264 C026 264-9224
2706 McCorkle Randy -3264 C026 685-1698
2727 AMBER MOTORS -3263 C026 634-4045
2801 VILLAGE PANTRY -3321 C026 634-4330
2810 CAR SMART -3322 C026 635-8571
2818 Sluss R G -3322 C026 637-2367
2822 Dyke William L -3322 C026 631-3712
2824 Dyke Gregory -3322 C026 267-9509
2826 Hogland Danni -3322 C026 634-6867
2832 Jackson Catherine J -3322 C026 972-1855
2837 ST MATTHEW LUTHERAN CHURCH -3321 C026 637-8870
2906 AMERICAN SIGNS OF INDIANA INC -3324 C022 632-7446
LETTER HOUSE -3324 C022 634-2402
2909 Henderson Lawrence -3323 C022 632-6695
2910 Obrien G A -3324 C022 631-5528
2914 Sanchez Norber -3324 C022 972-6717
2916 Chapple Karen -3324 C022 262-8134
2918 England M J -3324 C022 632-8058
2927 Swan M -3323 C022 634-3935
2931 CIRCLE CITY BUILDERS INC -3323 C022 238-5276
3000 NBD BANK -3305 C022 266-6120
3013 Holmes William F -3352 C022 632-5769
3030 Jackson Savann -3303 C022 236-0013
3102 Woodson O -3303 C022 681-9616
3104 Smith Lisa -3303 C022 972-7830
3107 Clifton P -3357 C022 636-6337
3108 Conner T -3303 C022 637-9025
3109 Henson Velva K -3357 C022 972-1727
3113 Legler Leon -3357 C022 262-8329
3114 Conner Johnnie L -3303 C022 635-1140
3115 Leavitt Rhea -3357 C022 631-3463
3121 Baker Robert H III -3357 C022 634-7204
3125 JOHNNIE'S GLASS & FRAMES -3357 C022 635-9280
3202 Huskisson Robert Jr -3320 C022 685-2663
3205 Helton N M -3319 C022 638-9049
3206 Hannon Lena -3320 C022 637-9033
3209 Feeney Nora K -3319 C022 632-1137

E NEW YORK ST cont'd

Address Zip+4 CarrRte Phone

3214 McRee Kenny -3320 C022 638-2604
3215 Richardson Christy -3319 C022 974-0247
3220 Deloach Robert D -3320 C022 635-5714
3222 Cooksey Lisa -3366 C022 974-1474
Dalgelo Rene -3366 C022 974-1308
3302 B & D VARIETY -3414 C021 637-7269
3308 BILL JOHNSTON REALTY -3414 C021 638-5656
3312 Sullivan Dixie -3414 C021 972-8832
3314 Cole Elmer -3414 C021 261-1550
3318 Toney Donald E -3414 C021 261-9134
3319 Mullins Pat -3413 C021 634-1916
3320 Toney Donald E -3414 C021 638-5829
3321 Frazier Lisa -3413 C021 634-5817
3328 Brown Virginia -3414 C021 383-9210
3329 Reed Peggy -3413 C021 231-9672
3332 Turner Ellis -3414 C021 972-9979
3335 Bostic M E -3413 C021 639-2130
3338 Simmons Freddy C -3414 C021 636-4154
3401 ONE WAY AUTO PARTS -3415 C021 633-1929
3404 A RADIATOR SVC -3416 C021 637-5266
3502 AMERICAN GRANITE -3418 C021 356-7205
3523 Squires Michael -3462 C021 353-6652
3527 Edwards Guy -3462 C021 356-7523
3531 Owens Billy -3462 C021 356-3038
3532 Watson Donald N -3463 C021 356-6057
Watson Nola -3463 C021 356-6057
3540 Engelking Thomas G -3463 C021 357-5219
3550 Castor Ron -3463 C021 356-3946
Valenti Joe -3463 C021 356-9614
3601 ACCU-TECH AUTOMATION -3419 C021 352-1490
Rhinehart Brian -3419 C021 352-1500
3602 Wallace J -3420 C021 356-6952
3604 Hayes Garth F -3420 C021 356-8369
3628 Hanold Steven -3420 C021 352-0007
3629 Owens Beatrice -3419 C021 351-9216
3630 Hicks Danny -3420 C021 356-4272
3702 Schlemmer J -3454 C021 356-2534
3703 Slack Michael R -3440 C021 375-9432
3707 Moon A J -3440 C021 357-1613
3708 Henry T M -3456 C021 357-2913
Perez John -3456 C021 353-1326
White B -3456 C021 322-7826
3709 Bennett Tony -3440 C021 375-9616
3712 Tyler C -3441 C021 357-3573
3715 Whipple Jeff -3440 C021 357-1538
3718 Carter Tonda -3441 C021 375-8521
Moss T J -3441 C021 375-1944
Swartsell Johnnie -3441 C021 375-0957
3719 Key Michael -3440 C021 357-0023
3740 KENNY'S AUTO SALES -3441 C021 356-7372
3757 FAMILY DOLLAR STORE -3440 C021 352-1386
3810 Kirkman S -3556 C043 322-0823
3812 Hart Larry -3556 C043 357-7006
3814 Brown Jenkins -3556 C043 322-1584
3815 TASHE'S BAKERY -3555 C043 357-8167
3819 SPEARING & ASSOC INC -3555 C043 352-0916
3838 Monroe Theodore -3576 C043 322-0063
3844 Brower Charles V -3576 C043 353-2515
3846 Jones Henry -3576 C043 351-0860
3850 Jones Michael R -3576 C043 353-0265
Jones P -3576 C043 353-0249
3851 FELLOWSHIP BAPTIST CHURCH -3506 C043 357-7060
3901 Sizemore Kermit -3557 C043 353-2399
3925 DORSEY & DOTY CHAPEL -3557 C043 632-9431
Smith Anna M -3557 C043 356-5344
4002 PIPES FINE USED CARS -3662 C001 322-0431
4008 Brown Daniel L -3662 C001 353-9736
4009 Ponzo Brad -3661 C001 351-9306
4010 Hockersmith Robert -3662 C001 357-2911
4012 Williams Harry F Sr -3662 C001 322-8921
4021 Sanders Joseph -3661 C001 375-0610
4027 Vanderver Gerald -3661 C001 353-9498
4029 Easler R -3661 C001 351-9108
4040 Patterson Jerry -3667 C001 359-0523
4107 UNITED OIL CO -3613 C001 356-1395
4110 GRACE UNITED METHODIST CHURCH -3614 C001 357-8379
4120 CLIFF'S AUTO SALES INC -3614 C001 375-0028
4121 Hess Glenna -3668 C001 353-6684
Logan Jerry -3668 C001 357-7956
McMahon Jerry L -3668 C001 353-2054
4202 ABC CUSTOM DRAPERIES -3616 C001 356-6395
4210 Applegate Lenard -3616 C001 352-0835
4215 LIQUOR BARN -3616 C001 353-1704
4302 J L HAIR REALTY -3645 C008 352-1505
Shelly Joseph J -3645 C008 353-8706
4306 NEAR EAST SIDE TROOPERS -3645 C008 322-2370
4401 MOELLER PRINTING CO -3646 C008 353-2224
4415 Collins Timm J -3612 C008 322-8932
Whitney Merle -3612 C008 359-0008
4416 Null Betty -3647 C008 359-9417
4421 Hanaway Charles -3646 C008 353-2506
4518 Campbell T -3649 C008 322-8359
4530 Shafer Phillip -3649 C008 357-4964
4609 Buck Robert E -3743 C008 359-0220
4612 Moon Jack O -3744 C008 353-2716
Oliphant Kenneth E -3744 C008 353-2712
4616 KEN CLONCH HOME IMPROVEMENT -3744 C008 784-8309
Seivers N P -3744 C008 356-1678
4702 Satterfield L L -3746 C008 359-4205
4715 Gray Lewis -3745 C008 357-7910
4720 Bell Ralph -3746 C008 351-0977
4724 Caskey H -3746 C008 352-0336
4730 Holmes James W -3746 C008 356-4855
4774 TANK INDUSTRY CONSULTANTS INC -3746 C008 244-3221
4806 Aguilar Mario -3710 C007 359-5340
Davisson W R -3710 C007 356-7796
4810 Sanders Robert -3710 C007 359-4181
4814 Connett B L -3710 C007 356-8361
4821 Costantino John -3709 C007 356-6039
4824 Hiatt Curtis -3710 C007 375-0484
4901 Devault Katherine -3711 C007 351-8921
Napier Joe -3711 C007 351-8921
4902 Greenwell Hubert E -3712 C007 356-0654
4905 Langlotz Bernard -3711 C007 357-0185
4907 Schwier Neal M -3711 C007 359-4657
4911 Humbles Forest E Jr -3711 C007 357-6220
Humbles Judith E -3711 C007 357-6220
4914 Kelly Lori -3712 C007 375-1859
Klemeyer Mark -3712 C007 375-1859
4915 Carver C E -3711 C007 357-2389
4917 Young James R -3711 C007 356-8815
4918 Apollos Helen -3712 C007 356-3744
4920 Felix Steven -3712 C007 359-6857
4922 Brewster Helen -3712 C007 356-6116
4923 Wall Kirk -3711 C007 356-4807
4924 Apollos N -3712 C007 351-1508
4925 Brown Ruth M -3711 C007 353-9464
4926 Totten Betty -3712 C007 375-8653
5001 Dixon M D -3713 C007 353-2251
5004 WATKINS PRODUCTS -3713 C007 357-8511
Gootee Paul -3714 C007 322-0144
Gootee Paul E -3714 C007 322-0062
5007 Elliott Wayne -3713 C007 359-0668
5009 Brasher H C -3713 C007 357-6631
5010 Frazier Carl -3714 C007 359-1738
5015 Gibson Jeffery B -3713 C007 357-6534
5020 McQueen Paul -3714 C007 353-1137
5021 Raymond D E -3713 C007 356-3815
5024 Messenger Tom -3714 C007 322-0424
5025 Phelps Marty E -3713 C007 353-1503
5030 Workman R L -3714 C007 357-2825
5037 Gilley Addie -3713 C007 357-9388
5041 Burch Mary -3713 C007 356-8418
Burch Thomas -3713 C007 356-8418
5042 Hall C -3772 C007 359-7354
Jones James C -3772 C007 375-1844
5043 Jones Thomas E -3713 C007 353-6818
5049 Lecclier Dennis B -3713 C007 353-2596
5053 Brim Morris -3713 C007 359-9452

ZIP CODE 46219

5729 Gavaghan Dennis P -5900 C019 357-1724
5733 McCormick Michael -5900 C019 356-2365
5734 SMITHES CARPET INSTALLATION -5920 C019 359-7084
Smithes Bill -5920 C019 359-7084
5736 Smithes William -5920 C019 375-9468
5739 Clark L M -5900 C019 359-7265
5743 Jones Tommy D -5900 C019 351-0962
5744 Frick Dennis K -5920 C019 357-4230

E NEW YORK ST cont'd

Address Zip+4 CarrRte Phone

5749 Skirvin Dave -5900 C019 353-0072
5750 Lavender David -5920 C019 353-5069
5753 Mullendore Thomas E -5900 C019 353-9209
5755 Babcock John -5900 C019 356-4573
5801 Biggs Malcolm Jr -5921 C019 359-0297
5802 Anderson Matthew -5922 C019 352-9235
5804 English Denis -5922 C019 352-1475
5805 Keller Dennis E -5921 C019 359-9749
5808 Harold William E -5922 C019 357-4688
5812 McGrath J S -5922 C019 357-4167
5815 Allen John C -5921 C019 375-0730
5818 Ellis James K -5922 C019 357-4937
5819 Wheatley Edwin A -5921 C019 356-2980
5821 Timmons Scott Jr -5921 C019 351-9645
5822 Piland Sherl -5922 C019 352-1035
5825 Curtis Glen A -5921 C019 357-3040
5829 Robbins B L -5921 C019 351-1889
Robbins William F -5921 C019 357-7579
5902 Tucker Marcia J -6034 C019 359-0287
5904 Oakes E -6034 C019 356-9517
8160 Jones James R -5375 C009 899-2063
Justice M J -5375 C009 897-8239
8202 Bailey Steven -5358 C009 898-4311
8250 Tanner Wayne L -5375 C009 578-9030
8339 Black T W -5356 C009 897-0037
8405 Thornton George L -5453 C009 897-6817
8440 Miessen Warren O -5454 C009 897-0743
8626 Rood Larry E -5438 C007 898-3380
8750 Rungester Denton -5459 C007 898-7282
8802 Cunningham Hal -5557 C007 898-7985
8840 Creek S -5534 C007 898-5082
8950 Hudelson Geri -5582 C007 898-2284

ZIP CODE 46229

9043 Saunders Darlene -2555 C002 895-0286
11115 Kaiser Wesley -2761 C006 894-8910
11117 Long Jeremi -2761 C006 894-0017
11221 Hudson Robert D -2763 C006 894-7694
11239 Kern Barbara -2736 C006 894-4775
Kern Virginia -2736 C006 894-4775
11312 Johnson Linda -3714 C006 891-8059
Wegman Sharon -3714 C006 891-2130
11318 Cain Katherine -3715 C006 891-8306
Edwards Robert G -3715 C006 891-2570
Johnson Edna -3715 C006 891-0370
11319 Cole C -3716 C006 894-4767
Goins Penny -3716 C006 891-1431
11324 Piper Eric -3717 C006 894-5965
11325 Adams Shannon -3718 C006 891-9497
Cannon Kim -3718 C006 894-5296
Canon K T -3718 C006 894-0689
Fanning M -3718 C006 891-9487
11329 Beasley Lesha -3719 C006 894-3546
Cook Rita -3719 C006 894-0985
Deer Tracy -3719 C006 894-1219
11337 Smith Violet L -3720 C006 894-9387
Winter K -3720 C006 894-0841
11343 Bills R -3721 C006 894-9175
Collins S J -3721 C006 894-7027
Walker Francis -3721 C006 891-1355
11349 Stratton Don -3722 C006 891-8341
11405 Evans Tasha -3723 C006 894-4538
Hughes Lisa -3723 C006 891-8450
11411 Booker Bonnie -3724 C006 894-3403
Donahuewykoff A K -3724 C006 894-8526
Thompson Lois M -3724 C006 894-0212

BUSINESSES 86 HOUSEHOLDS 306

W NEW YORK ST (I) 46204

68 SUBWAY SANDWICHES & SALADS -1924 C039 237-2333
70 KWIK KOPY PRINTING -1924 C039 237-3325
72 GREEK VILLAGE INC -1924 C039 237-3344

ZIP CODE 46202

402 CANAL SQUARE -3263 C031 631-7030
Baker E C -3263 C031 267-9112
Bischoff Brian -3263 C031 972-6862
Brown Albert -3263 C031 685-1870
Compton Barron -3263 C031 383-1914
Corazza Alex C -3263 C031 231-2897
Cushing John -3263 C031 972-0306
Dolan K -3263 C031 767-9044
Elrod Dale -3263 C031 630-1516
Graham Craig -3263 C031 636-5024
Jones J M -3263 C031 261-9978
Kapp M -3263 C031 632-5343
Kord K -3263 C031 236-1675
Linder Janelle -3263 C031 634-7301
Lisenko M -3263 C031 634-8217
Lockett J -3263 C031 464-0408
Modesitt Carol A -3263 C031 634-6703
Ohara Todd -3263 C031 237-0931
Osgathorpe John -3263 C031 263-0696
Rangwala Kaizer -3263 C031 231-9544
Schindler L -3263 C031 974-5760
Schmitt Joseph -3263 C031 637-3906
Sheikh Abdul M -3263 C031 637-4123
Shull Richard E -3263 C031 236-7219
Shyam Krishn -3263 C031 972-8407
Sullivan Jennifer -3263 C031 634-7301
Swathwood Jason M -3263 C031 226-9852
Todd Jason -3263 C031 972-6862
Trajkovski Sonja -3263 C031 632-3138
Vollan Maureen -3263 C031 972-8171
Wagner C -3263 C031 972-0623
Weir Gary -3263 C031 634-7025
Weiss Brad -3263 C031 383-1602
Wells Fred -3263 C031 756-7664
425 MOTOR POOL DIV -3209 C031 232-1378
735 INDIANA UNIVERSITY LAW LIBRARY -5222 C031 274-4028
815 RCA CHAMPIONSHIPS -5223 C031 632-4100
901 ELLIS & ASSOC -5224 C031 278-1403
I U TRACK & FIELD STADIUM -5224 C031 274-3518
INDIANA UNIV SCHL-PHYSICAL ED -5224 C031 274-2248
PHI EPSILON KAPPA FRATERNITY -5224 C031 637-8431
902 INDIANA UNIV SCHOOL-EDUCATION -5197 C031 274-6801

ZIP CODE 46222

1509 Ragan Paul -4343 C023 634-1761
1515 Napier Charlie -4343 C023 634-8154
1523 Crase Deborah -4343 C023 464-0524
Sanford Emery A -4343 C023 261-9104
1538 Webb Deward -4343 C023 636-7728
1539 Wash C -4343 C023 684-9508
White Samuel -4343 C023 684-9508
1540 Ragan Kevin L -4376 C023 630-1081
1541 Brandenburg David -4343 C023 639-6506
1551 Ratcliff Susan -4377 C023 637-0246
1554 Webb James W -4378 C023 634-4087
1558 Alcorn Rhonda -4378 C023 383-1307
1610 Gaye Chris -4320 C023 685-1430
Mostoller L -4320 C023 637-3269
1620 Barger Willard Jr -4345 C023 636-7490
1626 Scott M -4345 C023 972-9767
1711 MIDWEST WHOLESALE INC -4370 C023 464-9400
1915 Meetze Janice -4346 C023 264-8449
1921 Conley Crystal -4346 C023 237-4835
1932 Whitescarver Edward E -4370 C023 236-8940
1936 Zelenka Richard J -4375 C023 638-0158
1939 Spears Janet -4374 C023 630-4595
1941 Callahan Rose -4374 C023 637-3726
1942 Peacock W E -4375 C023 687-8769
Stone Julia -4375 C023 631-2909
1943 Reed Timothy -4374 C023 261-2544
1944 Spears Edward -4375 C023 972-0164
2001 McCollum Donald -4224 C023 263-5645
2002 Childers Gladys -4225 C023 632-8960
2007 Capps Willie -4224 C023 631-9519
2011 Richardson William III -4224 C023 631-8406
2015 Green Sheena -4224 C023 464-1486
Green Terry -4224 C023 464-1486
2016 McCreary James A -4225 C023 236-9087
2020 Denton Hubert M -4225 C023 637-6563
2025 Kistle James E -4224 C023 237-9507

ZIP CODE 46224

5520 Ingle Lloyd -8716 C008 244-4052

W NEW YORK ST cont'd

Address Zip+4 CarrRte Phone

5535 Notter D C -8715 C008 244-7470
5544 Brewer F -8716 C008 241-0855
5555 Marshall William B Jr -8715 C008 241-9679
5557 Oliver David M -8715 C008 241-7077
5615 Clarke Robert K -8717 C008 244-7263
5672 Shinn V M -8718 C008 243-0237
5676 Arnold Stephen R -8718 C008 248-9398

ZIP CODE 46214

7701 ARCH AMARLITE ARCHITECTURAL -2989 C015 273-0646
7760 ALPHA ENGINEERING -2988 C015 872-8038
7770 EARTH EXPLORATION INC -2988 C015 273-1690
S J LUDLOW CONSULTING ENGINEER -2988 C015 743-3516

BUSINESSES 17 HOUSEHOLDS 76

NEWBERRY CT (I) 46256

6209 Robinson P D -3101 C003 841-1201
6212 Aquino Iran -3102 C003 842-8908
6214 Hershman Paula -3102 C003 579-9030
6216 Hunt Jon M -3102 C003 577-1984
6218 Benvenutti Paul -3102 C003 849-4157
6219 McKeny Charles -3101 C003 579-0602
6223 Haskins James A -3101 C003 849-6515
6228 Blackman M -3107 C003 577-4319
Boatner Maria -3107 C003 598-0155
Hardy Raneis -3107 C003 577-0932
Hogle Dale A -3107 C003 849-0661
Hunter R -3107 C003 594-9308
Lear M -3107 C003 596-0051
McCloyd P -3107 C003 849-9642
McCoy Mike -3107 C003 578-1978
Norausky Dean -3107 C003 578-8712
Perez Ramiro -3107 C003 841-8973
Slack D -3107 C003 841-7312
Slack F L -3107 C003 841-7624
Slack Frederick L -3107 C003 841-7312
Slack J -3107 C003 841-7352
6235 Couch Michael -3106 C003 849-8377
Heck Charles R -3106 C003 578-1142
Jones Diane -3106 C003 596-0081
King A S -3106 C003 845-8131
King A S -3106 C003 845-8162
Kramer R -3106 C003 570-0038
Newhouse Christy -3106 C003 596-0081
Pangburn Dawn -3106 C003 595-0768
Phillips Daniel -3106 C003 841-7108
6237 Clemons J C -3105 C003 842-5457
Ford L D -3105 C003 578-1811
Gagnon L -3105 C003 842-2873
Schultz Glen -3105 C003 849-8994
Spackey Justin -3105 C003 598-9315
Stevens Robert -3105 C003 596-0093
Wiltfong Darla -3105 C003 845-7991
Younes Kent -3105 C003 570-1496
6238 DIGITAL DESIGN -3108 C003 578-2392
Bain Philip A -3108 C003 578-9865
Martin J -3108 C003 841-0939
McClain Doug -3108 C003 578-9839
Shelton Gary L Sr -3108 C003 577-1728
Sills G -3108 C003 598-9784
Smith Elizabeth -3108 C003 577-2808
Zolper Charles E -3108 C003 578-9627
6242 Cloud Virginia -3109 C003 595-8513
Edison Belinda -3109 C003 845-0177
Herman Jill -3109 C003 849-3185
Myers Elizabeth -3109 C003 598-9569
Obrien Alicia A -3109 C003 849-8323
Potter Samuel -3109 C003 595-9893
Powell Mark -3109 C003 845-9113
Treat Stacey -3109 C003 841-0785
6245 Hall James R -3101 C003 842-7553

BUSINESSES 1 HOUSEHOLDS 54

NEWBERRY RD (I) 46256

6204 Anderson J -3112 C003 841-7588
Ashley Lynne -3112 C003 577-9676
Boling Allison -3112 C003 849-5606
Brunner Marqui -3112 C003 849-5606
Choi Daesik -3112 C003 578-4636
Durbin Cheryl -3112 C003 849-6815
Lowery Sharon -3112 C003 841-8048
Milbee Sarah -3112 C003 841-0116
Smith Howard N -3112 C003 849-9661
6205 Alte Lisa -3120 C003 594-0049
Baum J L -3120 C003 577-0161
Cozart T D -3120 C003 577-0161
Hardebeck B -3120 C003 577-0054
Moore Collin J -3120 C003 842-7889
Moore M R -3120 C003 842-7889
Park V G -3120 C003 570-0573
Raines Dorris J -3120 C003 849-8968
Richett Michael -3120 C003 594-9096
Richett P -3120 C003 594-9096
Tuley Tom -3120 C003 849-9671
Watkins Oyweda -3120 C003 849-6033
Weaver Lindsey -3120 C003 594-0049
6206 Cook Michael -3113 C003 842-6988
Dunlap Kevin -3113 C003 841-7630
Ibarra M R -3113 C003 841-9672
Jinks Jamie L -3113 C003 841-8621
Nettles S -3113 C003 849-5633
Palmer C -3113 C003 841-9672
Robey Marion -3113 C003 841-9760
Tames Stephan -3113 C003 842-6988
6209 VILLAGE PARK SHADELAND STATION -3119 C003 849-9766
Ambrosiani Angeles -3119 C003 842-0159
Bischoff Brian -3119 C003 841-7534
Cummins Richard A -3119 C003 578-4086
Frymier Brent -3119 C003 577-3696
Holliday B J -3119 C003 578-9608
Hooley Chris -3119 C003 842-3293
Mazzuca S K -3119 C003 577-0155
Notine James -3119 C003 570-0245
Poindexter Tyrone L -3119 C003 594-9507
Vonplueren Diana -3119 C003 578-8589
Vonplueren Kenneth -3119 C003 578-8589
6210 Burchett Shannon -3114 C003 842-6483
Fitzpatrick Ryan -3114 C003 578-7804
Grabczek Joseph L -3114 C003 578-7804
Greene Susan -3114 C003 842-6502
Holoombe A C -3114 C003 845-9908
Hooper Dawn -3114 C003 842-6483
Maclafferty William -3114 C003 577-4129
Mayfield Joseph -3114 C003 842-7778
Voss R G -3114 C003 842-2129
Walker Johnny L -3114 C003 595-8802
6212 Breeden James L -3115 C003 849-7567
Caldwell H C -3115 C003 579-0694
Colter C S -3115 C003 841-8698
Dunson M C -3115 C003 598-9798
Hunter Brian -3115 C003 841-9130
Kim Pilyung -3115 C003 595-0156
Pruitt Carl W -3115 C003 842-1591
Ramberger M M -3115 C003 578-2129
6213 ST PAUL ECONOMY INSURANCE -3118 C003 415-3118
Althoff Peggy -3118 C003 577-9757
Bevington Brad -3118 C003 598-9294
Carroll Laura -3118 C003 598-9634
Dotterer Jeff -3118 C003 841-2722
Dotterer Lynn -3118 C003 841-2722
Merry Raymond -3118 C003 842-4535
Park V G -3118 C003 570-0518
Reynolds Timothy D -3118 C003 578-2731
6216 Barnes Rebecca S -3117 C003 849-9675
Brown John H -3117 C003 841-3793
Davidson Duane -3117 C003 577-8121
Dineff Ron -3117 C003 595-8680
Doneypoor Renee -3117 C003 577-1482
Erickson William G -3117 C003 841-9074
Hayes Armand C -3117 C003 849-1681
Hicks John V -3117 C003 595-8676
Poor Donald Jr -3117 C003 577-1482
Solano K K -3117 C003 594-0048
6217 Clark Ronald D -3103 C003 578-3529
6220 Christodoulou L -3116 C003 841-9106
Gowan Darren -3116 C003 570-0853

Ogle-Tucker BUICK Home Of The Family Deal
7250 N. KEYSTONE AVE. PHONE 257-2271

NEW JERSEY ST--Contd
09 Ford Garland L 924-3690
14 Wooden Jesse D ◎ 925-0610
15 No Return
19 Jones Violet B Mrs ◎ 925-8522
20 Boden Sybil H Mrs ◎ 925-7454
23 Vacant
24 Cabell Mary W Mrs ◎ 923-8863
29 Carter Minnie R
32 Hammer Wade ◎ 926-8867
40 Byers James V ◎
41★Green Ethel M
43 Bivens Marsha A Mrs
46 Rowland Lawrence ◎
49 Vacant
50 Jones Joseph H ◎ 924-3612
58 Johnson Arth B ◎
63 Ferguson Audrey Mrs ◎ 924-5567
64 Wallace Geo C 925-4640
65★Simmons Mary
67 Bullock Brenda Mrs
69 Bullock Michl D
70 Young Dulcy F Mrs ◎ 923-5604
33D INTERSECTS
01 Wagner Legirtha Mrs ◎ 924-3674
02★Hunter Roy L
04★Hearn Patricia L
08 No Return
10 No Return
13★Berryhill Lester
14 Arnold S H ◎ 924-4523
17 West Willa E
19★Frye Jas ◎ 925-3764
20 No Return
21 No Return
22 No Return
23 No Return
24★Wallace Virginia M
25★Wickliffe Janie ◎
28 Barrett James W
33 No Return
34 No Return
39 Burks Ellis L ◎ 924-4797
40 Brown Margt J Mrs ◎ 926-4117
43 Jefferson Henrietta Mrs ◎ 925-2320
45 Vacant
47 No Return
48 Vacant
52★Solomon Bryan Rev
54 Slatter Roberta L Mrs ◎ 925-7114
68 Lovelace Virginia R Mrs ◎ 924-0631
Dickerson Geo int dec
70 Bell Annell H Mrs ◎ 926-3914
34TH INTERSECTS

421
E 38TH INTERSECTS
11 Vacant
16 Binegar Helen D Mrs ◎ 283-1072
17 Dauner Louise M Mrs ◎ 283-1633
21 Clapp Wallace L Jr ◎ 283-3021
29 Williamson Geo Jr Rev ◎ 283-3348
30★Small C N 283-3991
34★Ewers Christopher F ◎ 925-8183
★Draper Tom R
37 Harmon Elias A ◎ 283-6384
39 No Return
43 No Return
44★Somsel Mike A 283-5111
55 Engle John R ◎ 283-7911
58 Broffitt Wilgus S ◎ 283-1546
59★Kryder Phillip V 283-6513
61 No Return
64 Ford John F ◎ 283-7754
02★Stauber Danl H 283-7750
03★Birnbaum Norman ◎ 283-3879
06 R M S Window Cleaning professional window clns 283-1534
★Grider Richd
07 Grays Fred M ◎ 283-3907
09 Newborn Barry A ◎ 283-6301
14 Easter J Gregg
15 Strickland Jane W ◎ 283-6794
17★Hiers Mary M ◎
18 Veilands Marta Mrs ◎ 283-8669
20 Foster Etta L Mrs ◎ 283-5342
21 Jessup Loran Jr ◎ 283-6252
24 No Return
40★Johnson A E 283-8946
45 Madison Agnes M Mrs ◎ 283-8677
49 Brookins Irene D ◎ 283-4090
53 Berg John R ◎ 283-1940
57★Robinson Jean R ◎ 925-8646
62 Mc Gee Yolande C ◎ 283-1400
64 Vacant
67 No Return
40TH INTERSECTS
02★O'Bannon M A 283-3351
03 Bean Harold E ◎ 283-6084
09 No Return
10 Weinmann Harold J ◎ 283-8405
14 No Return
15 Henning Faye M 283-1942
19 Vertner Russell C ◎ 283-4414
20★Radabaugh Chas J 283-7595
21 Scott Max D ◎ 283-7170
22 Engler Norbert ◎ 926-7259
25 Walters Mary A Mrs ◎
26★Applegate Eric E 283-5009
29★Webb Jos J 283-2738
40 Szatkowski Mary L Mrs ◎ 283-4574
48 Booth Florence E Mrs ◎ 283-2377
51 Bradley Saml M 283-5081
57★Franke K A 283-7663
63 Haas Ain ◎ 283-1923
65 Robinson Milford N ◎ 283-4902
41ST INTERSECTS

423
25★Schneider Steph G ◎ 253-5905
32 Hunley Wilbur J ◎ 255-3377
33 Barton Norma D Mrs ◎ 257-3975
36 Krauss John L ◎ 253-2166
37 Wadsworth Charlotte L Mrs ◎ 257-3905
40 Luckett Helen D Mrs ◎ 257-3647
41 Sippel Marie C Mrs ◎ 257-8541
45 Miles Martin H ◎ 253-4636
51★Walker Steven F ◎ 251-2444
55 Riley Sean G ◎ 257-7274
57 Blythe David B ◎ 259-0535
52D ST INTERSECTS

527
01 Brewster Scott D ◎ 257-9955
02 Machledt Fredk P ◎ 257-0513
07★Willingham Mark ◎
10 Smith Dennis F ◎ 255-6278
15 Walton R Luke ◎ 257-5021
16 Halberstadt Gary M ◎ 253-8167
19 Ransel J Edw ◎ 257-3953
22 Stump Margt A Mrs ◎ 257-3029
25 Gotway Jerome M ◎ 257-8918
28★Bolyard Tom
34 Wellnitz Karen S Mrs ◎ 255-4590
35 Sorensen Michl W ◎ 251-1875
38★Wernle H A 259-1095
41 Grau Allen J ◎ 259-1643
45 Isenbarger Phil L ◎ 255-5602
46 Rodeheffer James R ◎ 257-3079
49★Luros G ◎ 255-7084
50 Keefer Jack R
54 Mc Bride Ronald W ◎ 259-4310
55★Ralson S K 251-2535
60 Mifflin James W ◎
65 Farrell Chas R ◎ 257-3960
53D INTERSECTS
01 Snyder Albert R ◎ 255-9022
02 Barnickol Kathleen M Mrs ◎ 253-7872
07★Radomski B ◎ 253-4859
12 Karn Robt C ◎ 255-2738
13 Schaak Thos A ◎ 251-3513
16 Melind Wm B ◎ 257-7721
19 Clinton Steph ◎
20 Priest David L ◎ 255-9661
26 Scherer Thos C ◎
27 Grove Chauncey C ◎ 255-6918
31 Mc Carty Michl P ◎ 255-5041
32 Hackman Steph J ◎ 259-1229
40 Hinton R G 251-7903
41 Jensen G Scott ◎ 257-4889
46 Asberry Gleason M ◎ 255-4074
47 Foster Gerard N ◎ 253-2071
52★Atalker Mrs
53 Williams Kathleen ◎
55 Reese Louise E Mrs ◎ 251-2737
60 Young John E ◎ 257-7958
64 Morse Stephanie A ◎ 253-5349
65 Gresham Wayne E ◎ 253-2852
54TH INTERSECTS
01 Lamb Frank B ◎ 255-6747
07 Broderick Roger F ◎ 255-6130
10 Catwell Florence S Mrs ◎ 253-2369
20 Ericksen Gregory K ◎ 257-0175
23 Eichholz Eric H ◎ 251-3999
24★Hodson Larry J ◎ 251-4442
25 Lubbers R Mark ◎ 253-5078
29 Mueller Craig T ◎ 253-1699
30 Battista Thos E ◎ 253-2133
34 Hamer John K ◎ 251-4496
35 Dean Maggie G ◎ 257-2050
56 Mc Kiernan Philip B ◎ 259-0851

425
55TH INTERSECTS
34 Horvath Marc W ◎ 255-1369
36 Christie Jeffrey L ◎ 254-8907
43 Perry Donald B
44 Walker Chas L III ◎ 259-4122
50 Vacant
51★Maloney A M 259-1198
55 No Return
63 No Return
68 Minner Jeff A 876-7548
74 Lebherz Kent 253-0001
75 Bisbecos Andrew P ◎ 257-1146
80 Stephens Joseph D ◎ 259-7520
86 Linneman John R ◎ 255-8292
58TH INTERSECTS
01 Lorton Lynn G Mrs ◎ 257-2676
02 Rietmann Thos C ◎ 253-5978
07 Fosnaught John W ◎ 253-4224
08 Kincannon Jas L ◎ 259-1343
14 Bailey David T ◎ 253-1678
15★Zierdt Michl L ◎ 253-9418
16 Croner Ann B Mrs ◎ 251-2072
19★Kortepeter Wm ◎ 251-2398
20 Conard Richd D ◎ 259-7476
21 Hartman Joseph E ◎
29 Irby Harold F ◎ 257-1668
30 No Return
39 Kirby Constance B Mrs ◎ 255-1924
40 Rose Merle B III ◎
41 Thompson Jannis K ◎ 253-4202
45★Schutte Mark E ◎ 251-8424
50★Mc Ewen Kenneth
52 Mather Marian C ◎ 255-8231
55 Cathcart Hubert W ◎ 253-3408
58 No Return
59 Farra George 255-2894
62 Calkins R Ronald ◎ 255-8983
67 Sullivan Steph J ◎ 255-4844
68 Chesterfield John L ◎ 253-6832
69 Bailey Jeffrey B ◎ 257-7073
74 Horine David L ◎ 251-4224
75 Wolfard Mary L Mrs lwyr ◎ 255-7780
79★Blackwell Thos
80 Harding James M ◎ 257-8201
90 Williams Michl A ◎ 255-8690
91 Nahmias Steven 255-8450
92 Strietelmeier James H ◎ 255-8003

427
E KESSLER BLVD INTERSECTS
14★Eisenbarger Phil ◎ 255-5602
22 Plimpton Thos L ◎ 253-2632
26 Collet Charles J ◎ 251-0626
31 Williams Donald R ◎ 257-3714
32 Decker Janet C Mrs ◎ 255-2279
39 Liles Charles A ◎ 255-1377
40 Purcell John J ◎ 251-2950
45★Fritz Ron A ◎
46 Johnson Jas P Rev ◎ 251-8908
49 No Return
50 Ressler David E ◎ 255-1193
55 Mc Grath Roland B ◎
56 Murphy Dorothy ◎ 257-2353
59 Roberts John
60 Schnorr Raymond J ◎
61 Keller James S ◎ 257-7079
63 Jakubovic Mark J 259-0710
66 Hammond C Craig ◎ 255-3783
72 Nordstrom Bruce A ◎ 253-5829
60TH ST INTERSECTS

499
NEW JERSEY ST S -FROM 400 E WASHINGTON SOUTH

ZIP CODE 46204
2 Dean Donald A dentist 636-1859
Ford Jim dentist 631-4611
10 Vacant
14 Vacant
18★Harves Dena
51 Indianapolis Heliport Corp helicopter landing site 262-3000
Helicopter Air-Link Corp flights & trng 262-3017
PEARL INTERSECTS
IU RY CROSSES
CON RAIL CROSSES
LOUISIANA INTERSECTS
VIRGINIA AV INTERSECTS
302 Service Pipe & Supply Inc 638-7952
308 Bass Photo Co Inc 632-2277
316 Freije Enterprises Inc whol distrs
319 Rose Sam Inc Div Of Sysco-Continental Indpls prod 291-2220
323 Rose Sam Inc Warehouse
324 Ray & Mascari & Co prod commission merchants 637-0234
325 Rose Sam Inc (Whse)
329 Rose Sam Inc (Whse)
340 Ray & Mascari & Co (Addl Sp)

501
ZIP CODE 46225
E SOUTH ST INTERSECTS
408 Venezia Brothers Fruit 632-5544
424 Caito & Corsaro Produce whol 637-1968
426 Corsaro Danl F
426½ Mascari Joseph M ◎ 638-7755
428 Caito Clara Mrs ◎ 637-1968
430 Swiss Andrew B ◎ 637-2150
436 Vacant
502 Lilly Eli & Co (Parking Lot)
503 Venezia Bros (Whse)
ADELAIDE ST INTERSECTS
E MERRILL ST INTERSECTS
617 Boy Scouts Of Am Troop 40 Post 2
653 Lilly Eli & Co (Parking Lot 12)
717 St Paul's Evangelical Lutheran Church 787-4464
721 Saint Paul Evangelical Lutheran Church-Mo Synod (parking lot)
E MC CARTY ST INTERSECTS
821 Lilly Eli & Co (Parking Lot)
850 Lilly Eli & Co (Laboratories)
851 Lilly Eli & Co (Parking Lot)
INTERSTATE 70 INTERSECTS
E BICKING ST INTERSECTS
E WOODLAWN AV INTERSECTS
1030 Wright John F ◎ 631-5053
1032 Vacant
1035★Hoagland Ralph L 634-5596
1038 Vacant
1040 Wurtzbaugh Wilma J Mrs 631-5615
E PROSPECT ST INTERSECTS

504
SANDERS INTERSECTS
ORANGE INTERSECTS
PARKWAY INTERSECTS
TERRACE AV INTERSECTS
1402 Cornelison Marilyn S ◎
1403 No Return
1407 Miller Debra A Mrs ◎
1409 Spears Glen
1409½ Vacant
1410 Sherbert Chas E 634-0619
1411 No Return
1412 Vacant
1413 Church Kenny W ◎
1414 Vacant
1415 Hanlon Alice V Mrs ◎ 637-5232
1417 Price Wm L ◎
1418★Owens Clarence ◎
1420 Meyer Irene ◎ 631-7046
1421★Hall Alice
1422 Stout Maxine N
1424 Kamisky Patricia ◎
1425★Gocke John
1425½ Price
1428 Amonette Robt A ◎ 637-7339
1429 Zimmerman Louella
1432★Cunningham Roy
1433 Evans E L ◎
1435 Miller Denzil F
1436★Redmond Ruby M Mrs 638-3827
1436½ Jacobs Wm
1439 Sibley Eleanor F Mrs ◎ 636-0977
1440 Graves Odell E ◎ 638-3979
1440½ Vacant
1441 Green Jennie G Mrs ◎ 639-2811
1501 No Return
1507 Abbott Wm C ◎
1509★Jordan Diane L
1510 No Return
1513★Smith Sherry L
1514 Stout Kenneth E ◎ 634-0828
1515 No Return
1519 Speth Louis N ◎ 637-6410
1520 Heid Dolores A Mrs ◎ 638-6665
1525★Stinnett Doyle
1525½ No Return
1526 Hagedorn Lois ◎ 636-0107
1531 Reese Agnes B Mrs ◎ 637-0237
1537 Haymaker Barbara M
1538★Lett Duane M
1539 Vacant
1542 No Return
1543 Campbell Wm C ◎
1545 Carmen Clyde E ◎ 638-8275
1546 Hadley David L ◎ 638-8590
1549 Gasway Dorothy B Mrs ◎
1551 Enlow Mary V Mrs ◎ 636-4993
1555 Franklin Dwight A ◎ 638-7793
LINCOLN ST INTERSECTS

506
LE GRANDE AV INTERSECTS
RAYMOND INTERSECTS

507
2501 Rebmann Wilbur F ◎
2502 No Return
2505 Moon Paul A 787-4661
2506 Faust Bernard M 782-1802
2509 Dorsey Richd C ◎ 783-3963
2510★Tewell Wm F ◎
2514★Smock John T ◎ 783-4328
2515 Barlow Hubert B ◎ 786-4956
2517 No Return
2518★Pearson J 786-2678
2523 Mahrendt John C ◎ 788-1407
2524 Montgomery John T ◎ 783-6458
2525 Kahn Walter R ◎ 786-0728
2528 Thomas Marshall H ◎ 786-0332
2531 Gahimer Sadie R Mrs ◎ 786-2538
2532 Downs Andrew M ◎
2535 Wise Kenneth A ◎ 784-4309
2538 Burkert Edw J ◎ 784-7263
E SOUTHERN AV INTERSECTS

909
NEW YORK ST E -FROM 301 N MERIDIAN EAST TO EMERSON AV AND FROM AUDUBON RD TO ARLINGTON AV

ZIP CODE 46204
PENNSYLVANIA INTERSECTS
120 Indpls Newspapers (Parking Lot)
121 Ind Square (Parking Lot)
130 One Thirty Building
Indiana Association Of Credit Management Serv Inc 262-3050
136 Systems Auto Park parking
N DELAWARE ST INTERSECTS
E MASSACHUSETTS AV INTERSECTS
205 Manpower Inc Of Indianapolis employment agcy 635-1001
220 Denison Parking Lot
227 Denison Parking Lot 633-4003
N HUDSON ST INTERSECTS
236 Buck Berry Landau & Breunig (Law Ofc) parking lot

910
N ALABAMA INTERSECTS
301 Indiana Properties Inc real est 266-5057
302 Medical Laboratory The 639-2327
Bank One bank & trust co 639-7218
304 Nail Gazebo 262-4664
308 Image Makers beauty shop 636-8267
317 I N B National Bank (Whse)
324 Building
Creams J D ice cream & yogurt 262-4857
Community News Center books cards-magazines 262-4668
Esther's Music & Video films 262-4884
Suites
290 Smith Janice E criminal justice consult 637-7338

RPG
THE R P GROUP, INC.
SPORTSWEAR & SPECIALTIES
CUSTOM SCREEN PRINTING & EMBROIDERY
•
Ad Specialties
Novelties
&
Premium
Distributor
•
"Your Corporate Image Is Our Business"
•
8732 E. 33d ST.
•
898-6556
800-886-6556
FAX
(317) 898-6588

THE KNOWLEDGE OF
WHERE TO BUY
IS AS IMPORTANT AS WHERE TO SELL GOODS

Real Estate Unlimited 253-1411
"Your Steps To A Better Home"
FAX (317) 254-2826
5340 N. Tacoma Indianapolis, Indiana 46220
REALTOR

SCHUSTER'S Block-Precast Building Materials
Schuster's Block, Inc.
Office: (317) 787-3201
901 East Troy Avenue Indianapolis, Indiana 4620

The Mailing Station, Inc.
PRIVATE POSTAL CENTER • PACKAGING
SHIPPING • POSTAL STAMPS
Tel. (317) 841-7506
5868 E. 71st St.

E NEW YORK ST—Contd
290 Smith Thomas A phys 637-7338
290 Stropes Linda L phys 636-1870
300 Lentz R Dale dentist 262-4838
350 Office Building
220 Jerman Gallagher & Sherck cpa's 632-1314
280 Liptack Diane L lwyr 262-4850
290 Payne John H Associates hearing aids 637-1303
300 Heidelman Joseph F dentist 262-4838
N OGDEN INTERSECTS
N NEW JERSEY INTERSECTS
ZIP CODE 46202
402 Lockerbie Court Apartments 638-6296
1★Shepherd Esther
2 Mc Gill M
3 Weber Marilyn L 631-4426
4 Vacant
5 Braun John H 639-1257
6★Hobbs Cecil
7 Vacant (Apts 7-9)
404 Apartments
10 Vacant
11 Lookebill Frank E 631-0047
12 Mathis
14★Purcell J
406 Power Brake Exchange 635-7161
422 Nik-O-Lok Co Inc lock mfrs 639-3516
Standard Change-Makers Inc mfrs 639-3423
CLEVELAND INTERSECTS
426 Repro Graphic eng graphic sup & serv 637-3377
Three S Reproductions eng graphic sup & serv 637-3773
434 No Return
439 Quick Radiator Service Inc 637-5195
EAST ST INTERSECTS

432

512 Bader Mary S Mrs ® 636-6808
Thao Ming 637-4468
520 Apartments
1★Hart Mary
521 Turner Geraldine Mrs 638-6009
524 Temple Jack H 636-6271
528★Leppard Raymond
536 Kienle James T ® 251-3777
540★Nicely Thos
541 Vacant
PARK AV INTERSECTS
601 Vacant
Rear Vacant
602 No Return
608 Elrod Edw 634-5245
613★Harrison Anthony
615 Lester Lou V Mrs ® 631-3025
616★Rosenberger Stanley ®
Riggs Robin A 631-5119
621★Clayton Harry
624 No Return
631 Pierson Hollowell Co Inc lbr & veneer 632-5537
632★Bigley Paul R ® 637-9737
634 Vacant
638 Vacant
640 Vacant
656 Vacant
COLLEGE INTERSECTS
SPRING INTERSECTS
723 Vacant
725 Vacant
FULTON INTERSECTS
743 Great Divide The cocktail lounge 637-2192
I-70 INTERSECTS
I 65 INTERSECTS
DAVIDSON INTERSECTS
PINE INTERSECTS
901 Home Lumber & Supply Co The 637-4561
920 Capitol City Fence Co (procoat div) 263-5071
CON RAIL CROSSES

438

C C C & ST L RY CROSSES
1009 Vacant
DICKSON ST INTERSECTS
1030 Vacant
DORMAN INTERSECTS
1101 Highland Park
HIGHLAND AV INTERSECTS
1205 Marsh Auction Galleries Inc 636-3374
1206 Vacant
1210 Mc Lean Maureen 631-4369
1218 Vacant
1222 Jaussaud N
1301 Schmidt Phillip E 632-6202
1302 Lusk Robt E ® 262-8527
1305 Vacant
1306 Nedeff Agnes Mrs ® 637-4289
1314 Lusk Anna R II ® 631-6904
1317 No Return
1318 Thomas Carrie L Mrs ® 638-0801
1321 No Return
1322 Harshey Jeffrey M ® 631-5360
N ORIENTAL ST INTERSECTS

439

1401 Griffin Nora M Mrs ® 631-9820
1402 Vacant
1403★Meaney Bob ® 636-7606
1404 Vacant
1405 Vacant
Vacant
1406★Clark Lucile Mrs 636-9628
1408★Cooley Pinner
1409 Apartments
1★Kazee Mark L
2★Pennington Monte
3★Chambers Scott
4★Robinson Bernard
5★Ambergie Clarence
1410 Vacant
1417 Vacant
1419 Vacant
1421★Burns Charlene K 636-3203
1421½★Hall Mary
1422 Burdette Edw S ® 632-4263
1423★Simmosn Alice
1423½ Vacant
1425★Garcia Paula
1427★Mitchell D J
1427½★Gresham Jimmie
1429★Bridges Anthony D
1431★Morris Theresa D
1438 No Return
★Rhodes Robt
ARSENAL AV INTERSECTS
1531 Grinsteiner Funeral Home (Parking Lot) 632-5374
SUMMIT INTERSECTS
1601 Grinsteiner Funeral Home Inc 632-5374
1621 Gardner Robt F Co Inc screen printers 634-2333
1630 No Return
1642 Hook's Drug Store 631-5829
STATE AV INTERSECTS
1701 Charlie's Auto Sales used car 634-7153
1717 Detour Bar tavern 262-8811
1728 American Council For The Blind thrift store 636-4433
WALCOTT INTERSECTS
1825 D & D Auto Sales 236-9100
RANDOLPH ST INTERSECTS

440

PARKVIEW AV ENDS
RANDOLPH INTERSECTS
HENDRICKS PL ENDS
2030★Wilson Cardella
2032 Vacant
2036★Chaney Roy R contr
HAMILTON AV INTERSECTS
2153 Vacant (4 Hses 2153-2159)
JEFFERSON AV INTERSECTS
2201 De La Rosa Robt
2202★Taylor Jyme D
2203 No Return
2204 Vacant
2205 Vacant (5 Hses 2205-2209½)
2210★Adams Cynthia A
2211 Vacant
2212 Gober Adrienne D
2215★Baslev Sandra M
2219★Bush Darice M
2222 Body Shop & Garage auto reprs
2229 Cossey's Automotive Inc repr shop 631-5010
BEVILLE AV INTERSECTS
2305 No Return
2308 Vacant
2309 Vacant
2312 Babb Jeanette M ® 632-4976
2315 Vacant
2316 Murphy Glen D ®
2325 M & K Package Liquor Store 638-5777
N KEYSTONE AV INTERSECTS

463

2415 Dairy Queen restr 638-3967
2416 Thomas Market gro 636-7531
2425 Indianapolis Photo Lab Inc The 631-9211
FOREST AV INTERSECTS
TACOMA AV INTERSECTS
TEMPLE AV INTERSECTS
2601 East Park United Methodist Church 636-2819
2621 Eldridge W Charles ®
EASTERN AV INTERSECTS
2702 No Return
2727 Amber Motors 634-4045
N RURAL ST INTERSECTS

464

2801 Village Pantry gro 632-4330
2810 City Motor Mart used cars 635-8571
2817 Burket Frank
2818 Lutes Gertrude E Mrs ® 636-4241
2821★Miller C 639-9417
2822 Dyke Wm L ® 631-3712
2824 Dyke Gregory M
2826 Vacant
2830 Johnson Ronald L 635-8214
2832 Roger Steve
2836 Auto Masters auto pnt & body repr 639-0378
Clark Joseph T ® 639-0378
2837 Saint Matthew Lutheran Church 637-8870
2838 Vacant
2850 Davis Robt L ® 631-9242
2906 American Sign Co 632-7446
2909 Henderson Rosemary Mrs ® 632-6695
2910 O'Brien Gladys A Mrs ® 631-5528
2911 Sisk Chas E 631-9371
2914 Boltener Richard 634-7945
2915 No Return
2916 Batcher Neal 631-3508
2917 Knox Wm 297-3012
2918 England M Jenney Mrs ® 632-8058
2919 Reed Frankie M Mrs ® 638-2712
2922★Sutt Richd A 631-6319
2923 Hall Jeff 634-3575
2924 Musgravy Susan A
PARKER AV INTERSECTS
2927 Swan Mabel E ® 634-3935
2931 Cox Edw E ® 632-5771
2935 Smith Johnny E 638-8621
OAKLAND AV INTERSECTS
3000 I N B National Bank 266-6120
3001 Jones Margt A Mrs ® 353-0249
3005★Rush S S 636-7496
3009 Evans Helen K Mrs ® 631-8483
3013 Holmes Wm F ® 632-5769
3017★Reck D A 637-5017
3032★Brasseur Gary 639-1313
3036★Hoover Eug K
GRAY INTERSECTS
3102★Tacray Verna
3104 Vacant
3107 Hibbard Nellie J 638-6391
Garrett Paul L
3108 Wolfe Edith R Mrs ® 637-9225
3109 Doss James M
3113 No Return
3114 No Return
3115 Leavitt Charles O ® 631-3463
3118 Lawrence Alice Mrs ® 638-6215
3121 No Return
3122 Hubbard Marge M Mrs
3125 Johnnie's Glass & Frames 635-9280
DEARBORN INTERSECTS
3202 Davis Robt L
3203 Kennedy Wm C 637-6145
3205 Helton Nancy M ® 638-9049
3206 Hannon Clayton ® 637-9033
3209 Feeney Paul R

440

3214 Welch Aubrey D ®
3215 Green Autie Mrs ®
3219 Mathews Jas T
3220 De Loach Robt D ® 635-5714
3221 Vacant
3222 Apartments
1 Vacant
2 Herron James 637-8717
3 No Return
4 Whitaker Kloss M
6 Vacant
7 Vacant
8 Vacant
3223 Flory's appls used 634-7867
Flory Richd D 634-7867
N LA SALLE ST INTERSECTS

465

3301 Straight Motors used auto 639-4199
3302 Barb & Dave's Vanity Furniture & Appliances 637-7269
3306 No Return
3308 Johnston Bill Realty 638-5656
3312 Vacant
3314 Whalen Raymond L ®
3315 Morgan Raymond E 634-4476
3316 Vacant
3317 Bates
3317½ Vacant
3318 Vacant
3319 No Return
3320 No Return
3321 Vacant
3325 Vacant
3328★Angel Melinda S
3329 Vacant
3330 Shambaugh Mary E
3332 Gonder Charles E 632-7253
3335 Bostic Mary E Mrs ® 639-2130
3338 Simmons Brenda 634-9245
3401 Galt John Co Inc landscaping contrs Tabco Incorporated genl constn contrs
3402 No Return
3404 A-Fast Radiator Service
3407 Vacant
BELT RR CROSSES
3502 American Granite & Marble Co monuments 356-7205
3516 Vacant
3518 No Return
GALE INTERSECTS
3522 No Return
3523 Squires Michl E 353-6652
3525★Barker Wallace A 357-3866
3527 Edwards Guy S ® 356-7523
3529 No Return
3531 Collins John D Jr ® 357-8007
3532 Watson Nola I Mrs ® 356-6057
3536 Mitchell Edw E ® 353-2427
3540 Engelking Thos G ® 357-5219
3546 Vacant
3550 Valenti Jos L Jr ® 356-9614
3601 Accu-Tech Automation 352-1490
3602 No Return
EWING INTERSECTS
3604 Hayes Garth F ® 356-8369
3606★Carlson Brent
3608 No Return
3610 Moore Billy J
3612★Stansbury Bertha 356-7113
3614 Vacant
3616★White Roy
3618 Vacant
3620 No Return
3622★Bolton Chas E
3624 No Return
3626 No Return
3628 No Return
3629 No Return
3630 No Return
KEALING INTERSECTS
3702 Apartments
1★Fisher Ken L
2 Schlemmer J 356-2534
3 Vacant
4a No Return
5a No Return
3703 Slack John A ® 356-4549
3704 Apartments
1 Feathers Iretta M Mrs 356-3220
2 No Return
3 Vacant
4 Yancich Sylvia 357-3869
5 Vacant
3707 Moon A J Mrs ® 357-1613
3708 Apartments
1★White Betty J
2★Bolt Ken
3 Vacant
4 Vacant
5★Wyatt Tommie
6 Campbell Dwight
7★Slutz Ruby I 356-6041
3709 Clements Geraldine K Mrs 359-1295
3712★Keck K S 359-4318
3714 Vacant
3715★Mc Manus Shawn M 356-2143
3718 Apartments
1 No Return
2 Sullivan Jas R
3 Phillips J K 359-1333
4 No Return
3719 Apartments
1 Holt Darrell W
2 Mc Donald Michl G
3 Vacant
3720 No Return
Thompson C
3722★Jackson K L
3740 Kennys Auto Sales No 2 used cars 356-7372
3757 Family Dollar variety store 352-1386
N SHERMAN DR INTERSECTS

4

3801 Highway Parts Inc auto parts sls 359-5533
3810 Carson Wm H ®
3810½ No Return
3812 Asher Jack C 357-4322
3812b Vacant
3814 Vacant
3815 Tashe's Bakery ret 357-8167
3817 Vacant
3819 Spearing & Associates Inc mfg rep 352-0916
N BRADLEY INTERSECTS
3838 Monroe Theo R ® 359-4104
3839★Klinger Carolina
3842 No Return
3844 Manis Lois A 359-5065
3846 Parker James R
3848 Parker La Vern R
3850 Vacant
3851 Fellowship Baptist Church 357-7060
N DENNY INTERSECTS
3901 Mike's Place tavern 353-2930
3902 No Return
3920 Dorsey & Doty Mortuary Inc (Parking Lot)
3925 Dorsey & Doty Mortuary Inc
N CHESTER INTERSECTS
4002 Amber Motor Sales used cars 359-4222
4008 Vacant
4009★Barnett Eug W 357-6780
4010 No Return
4011★Williams Robt 356-5336
4012 No Return
4019 Vacant
4021 Vacant
4027 Apartments
1★Hale C M 356-9003
4029★Majors Howard
4040 Vacant
4040½★Fletcher M 357-6257
4045 Vacant
N GRANT AV INTERSECTS
4107 Vacant
4110 Grace United Methodist Church 357-8379
4115 Spear Lilly M Mrs 359-6227
4117★Hall Carla M
4120 Auto Wholesalers 359-4511
4121 Apartments
1 Simon Jack D
2 Action Tour & Charter (fun travel splst) 357-2708
3 Action Tour & Charter Publications (Addl Sp)
4★Swing Bryan D 356-2296

300 S. Madison Av. .....Tel. 882-3400
1275 U.S. 31 North .....Tel. 881-2200

NBG

St. Rd. 135 and County Line Rd. ...Tel. 881-4026
1001 U.S. 31 South .....Tel. 881-5705

*NATIONAL BANK OF GREENWOOD

NEW JERSEY ST—Contd
134½★Williams
135★Stokes Tallulah
137 No Return
137½ Waller John A
138 Williams Mack I ◎ 923-3481
141 Pole Lillian Mrs 924-4501
144 Vacant
145 Benjamin Marie A Mrs beauty shop ◎ 926-4365
Benjamin Zacharian ◎ 926-4365
148 Taylor Mary Mrs ◎ 924-2429
151 No Return
151½ No Return
152 Mangulis Olga Mrs ◎
155 Demmings Eloise Mrs ◎ 925-8571
156 Westbrook James O ◎ 923-4972
160 Smith Kath E ◎ 924-3176

418

32D INTERSECTS
202 No Return
208 Brown Myrtle L Mrs ◎ 924-0803
209 Ford Garland L ◎ 924-3690
214 Wooden Jesse D ◎ 925-0610
215 Vacant
219 Jones Thos ◎ 925-8522
220 Boden Sybil H Mrs ◎ 925-7454
223★Miles Bessie M Mrs 923-6039
224 Cabell Mary W Mrs ◎ 923-8863
229 Flickinger Chas M ◎ 925-5048
232 Hammer Wade ◎ 926-8867
236 Sanders Velinda
240 Byers James V ◎ 926-4760
241★Marris Neada
243 Bivens
246 Rowland Lawrence ◎ 923-3549
249 Teague Rosarine P ◎
250 Jones Joseph H ◎ 924-3612
258 Johnson Arth B ◎ 925-5420
263 Ferguson Audrey ◎
264 Dycus Janice Mrs
265 Woolridge John H
266 Bryant Ruby L Mrs ◎ 924-3406
267 Bullock Brenda Mrs
269 Bullock Michl D
270 Young Dulcy F Mrs ◎ 923-5604
33D INTERSECTS
301 No Return
302★Pittman Catherine
304★Underwood Pam
310 Vacant
313 Vacant
314★Telfair Kim A
317 West Willa ◎ 926-4629
319 No Return
320 Anderson James
324 Reid Bazell
325★Long Joseph J ◎ 926-4765
328 Vacant
333 Beachem Rosalie E ◎
334 Vacant
339 Burks Ellis L ◎ 924-4797
340 Brown Margt J Mrs ◎ 926-4117
343 Jefferson Henrietta ◎ 925-2320
345 Jefferson Jeffrey
347 No Return
348 No Return
352 Richardson Edw D ◎ 923-6494
354 Slatter Roberta L Mrs ◎ 925-7114
368 Lovelace Virginia R Mrs ◎ 924-0631
370 Bell Annell H Mrs ◎ 926-3914
34TH INTERSECTS

421

E 38TH INTERSECTS
381 No Return
816 Binegar Helen D Mrs ◎ 283-1072
817 Dauner Louise M ◎ 283-1633
821 Clapp Wallace L Jr ◎ 283-3021
829 Williamson Geo Jr ◎ 283-3348
830 No Return
834 Zender James H
837 Harmon Elias A ◎ 283-6384
839 Vacant
843 Gordon
844 Somsel Michl A ◎ 283-5111
855 Engle John R ◎ 283-7911
858 Broffitt Wilgus S ◎ 283-1546
859★Dixion David J ◎
861 Nobles Ronald W ◎ 283-6152
864 Ford John F ◎ 283-7754
902 Bucove Donna L ◎ 283-3405
903 Collins Stanton J M ◎ 283-5017
906 No Return
907★Grays Fred M ◎ 283-3907
909 Newborn Barry A ◎ 283-6301
914 Terry Wayne ◎ 283-3839
915 Strickland Jane ◎ 283-6794
917 Brown Ronald E ◎ 283-2839
918 Veilands Martha Mrs ◎ 283-3482
920 Foster Benj ◎ 283-5342
921 Jessup Loran Jr ◎ 283-6252
924 Beuoy Randolph H ◎ 283-1751
940 No Return
945 Madison Agnes M Mrs ◎ 283-8677
949 Brookins Irene B ◎ 283-4090
953 Berg John A ◎ 283-1940
957 Pizzini David S ◎ 283-5393
962 Williams Yolande C Mrs 283-8284
964 Brown Philip L 283-1436
967 Copple Roger A ◎ 283-8864
40TH INTERSECTS
002 Vacant
003 Bean Harold E ◎ 283-6084
009 Bacon Jerry ◎
010 Weinmann Harold J ◎ 283-8405
014 No Return
015 Henning Faye M 283-1942
019 Vertner Russell C ◎ 283-4414
020 No Return
021 No Return
022 Engler Norbert ◎ 926-7259
025 Walters Howard L ◎
026 Neal Peggy ◎ 283-3242
029 Mc Neal Willie ◎ 283-1868
040 Szatkowski Mary L Mrs ◎ 283-4574
048 Booth Hillary R ◎ 283-2377
051 No Return
057★Rose James Q ◎ 283-7663
063 No Return
065 Robinson Milford N ◎ 283-4902
41ST INTERSECTS

423

125 Stickle Roger H ◎ 255-2517
132★Henrickson Ronald D ◎ 255-3377
133 Barton Norma D Mrs ◎ 257-3975
136 Krauss John L 253-2166
137 Wadsworth Charlotte L Mrs ◎ 257-3905
140 Luckett H D Mrs ◎ 257-3647
141 Sippel Gregory L ◎ 257-8541
145 Miles Martin H ◎ 253-4636
151 Appel Danl C ◎ 259-4016
155 Federman Jas R ◎ 257-3950
157★Blythe David B ◎ 259-0535

527

52D INTERSECTS
201 Brewster Scott D ◎ 257-9955
202 Machledt Fredk P ◎ 257-0513
207 Nohr Richd E ◎ 257-5041
210 Smith Dennis F ◎ 255-6278
215 Walton R Luke ◎ 257-5021
216 Keddie Alex C ◎ 255-4028
219 Ransel J Edw ◎ 257-3953
222 Stump Margt A Mrs ◎ 253-5029
225 Gotway Jerome M ◎ 257-8918
228 Arthur Steve
234 Wellnitz Craig O ◎ 255-4590
235 Sorensen
238★Reinhardt Henry R 257-5892
241 Grau Allen J ◎ 259-1643
245 Isen Barcor
246 Rodeheffer James R ◎ 257-3079
249 Daugherty Sylvia G Mrs ◎ 257-5081
250 Failey John N 255-1995
254★Mc Bride Ronald W ◎ 259-4310
255 Weisonflah John A 257-7725
260 Mifflin James W ◎
265 Farrell Chas R ◎ 257-3960
53D INTERSECTS
301 Snyder Albert R ◎ 255-9022
302 Barnickol Kathleen M Mrs ◎ 253-7872
307 Radomski Barbara I Mrs ◎ 253-4859
312 Karn Robt C ◎ 255-2738
313★Schaak Thos A 251-3513
316 Levy Ronald K 259-1458
319 No Return
320 Priest David L ◎ 255-9661
326 Vacant
327 Grove Chauncey C ◎ 255-6918
331 Robinson David K 255-3680
332★Hackman Steph J ◎ 259-1229
340 No Return
341 Jensen G Scott ◎ 257-4889
346 Asberry Gleason M ◎ 255-4074
347 Foster Gerald 253-2071
352 No Return
353 Williams Kathleen ◎
355★Reese Louise E Mrs ◎ 251-2737
360 Young John E 257-7958
364 Morse Stephanie A ◎ 253-5349
365 Gresham Wayne E ◎ 253-2852
54TH INTERSECTS
401 Lamb Frank B ◎ 255-6747
407 Broderick Roger F ◎ 255-6130
410 Cantwell Florence S ◎ 255-2887
420 Erickson Gregory 257-0175
423 Eichholz Eric H ◎ 251-3999
424 Roti Donald R ◎ 253-9351
425★Lubbers R Mark 253-5078
429★Mueller Craig ◎
430 Battista Thos E ◎ 253-2133
434 Hamer John K ◎ 251-4496
435 Dean Maggie G ◎ 257-2050
456 Mc Clamroch W Tobin ◎ 255-5661

425

55TH INTERSECTS
734★Harvath Marc W ◎ 255-1369
736 Small Richd D Jr ◎ 255-3773
743 Perry Donald B ◎ 255-6447
744 Smith Lynn B
750★Marino Tony
751 Pettijohn A Jane ◎ 253-8418
755★Kessing Robt L III 251-8066
763 Clauser Blanche B Mrs ◎ 255-3740
768 Richert Lawrence E Rev
774 Lebherz Kent 253-0001
775 Bisbecos Andrew ◎ 257-1146
780 Stephens Joseph D ◎ 259-7520
786★Linneman Joh R ◎ 255-8292
58TH INTERSECTS
801 Lorton Lynn G Mrs ◎ 257-2676
802 No Return
807 Becker Ellen
808 Bailey David J ◎ 253-1678
814 Miller Florence B ◎ 253-7161
815 No Return
816 Croner Ann B Mrs ◎ 251-2072
819 Thomas Keith I ◎ 257-9842
820 Conard Richd D ◎ 259-7476
821 Hartman Joseph E ◎ 255-1396
829 Irby Harold F ◎ 257-1668
830 Thomas Paul ◎ 253-6588
839 Boldman Edith P Mrs ◎ 255-1924
840 Rose Merle B III ◎
841 Schweitzer Peter ◎ 255-0611
845 Geiger Hans F ◎ 255-6882
850 Burton Mitzie F Mrs ◎ 255-2601
852 Heathco Rosalie S Mrs ◎ 255-7977
855 Cathcart Hubert W ◎
858 Smith Leonard A Mrs ◎ 255-3005
859 Lanphier Cameron M Mrs
862 Calkins R Ronald ◎ 255-8983
867 Kates Bernard
868 Chesterfield John L ◎ 253-6832
869★Bailey Jeffrey 257-7073
874 Horine David L ◎ 251-4224
875 Wolfard Mary L Mrs ◎ 255-7780
879 Marr Danl C ◎ 255-7387
880 Harding James M ◎ 257-8201
890 Walsh James P ◎ 259-7352
891 Hubley C Bruce

427

E KESSLER BLVD INTERSECTS
914 Heger James J ◎ 259-1782
922 Plimpton Thos L ◎ 253-2632
926 Collet Charles J ◎ 251-0626
931 Williams Donald R ◎
932 Decker Janet C Mrs ◎ 255-2279
939 Liles Charles A ◎ 255-1377
940 Purcell John J ◎
945 Fagan Danl R 255-1411
946 Evans Clyde H ◎ 257-7767
949★Whistler Philip A ◎ 251-9036
950 Ressler Edwin P ◎ 255-2760
955 Mc Grath Roland ◎
956 Murphy Dorothy ◎ 257-2353
959 No Return
960 Schnorr Raymond J ◎ 253-6624
961 Keller James S ◎ 257-7079
963 No Return
966 Hammond C Craig ◎ 255-3783
972 Nordstrom Bruce A ◎ 253-5829
60TH ST INTERSECTS

499

NEW JERSEY ST S —FROM 400 E WASHINGTON SOUTH

ZIP CODE 46204
2 Vacant
10 Vacant
18 Vacant
PEARL INTERSECTS
IU RY CROSSES
CON RAIL CROSSES
LOUISIANA INTERSECTS
VIRGINIA AV INTERSECTS
302 Service Pipe & Supply Inc 638-7952
308 Bass Photo Co Inc 632-4545
312 Vacant
315 Rose Sam Incorporated (Whse)
316 Vacant
319 Rose Sam Inc prod 639-5493
323 Rose Sam Inc Warehouse
324 Ray & Mascari Inc prod commission merchants 637-0234
325 Rose Sam Inc (Whse)
329 Rose Sam Inc (Whse)
340 Ray & Mascari Inc (Addl Sp)
E SOUTH ST INTERSECTS

501

ZIP CODE 46225
408 Venezia Brothers Fruit 632-5544 Apartments
412 Vacant
424 Caito & Corsaro Produce 637-1968
STEVENS INTERSECTS
426 Corsaro Danl F 639-2739
426½ Mascari Joseph M ◎ 638-7755
428 Caito Clara Mrs ◎ 637-1968
430 Caito Gus ◎ 632-3023
436 Vacant
502 Vacant
503 Venezia Bros (Whse)
HENRY INTERSECTS
MERRILL INTERSECTS
617 Boy Scouts Of Am Troop 40 Post 2
653 Lilly Eli & Co (Parking Lot)
717 St Paul's Lutheran Church 635-5691
NORWOOD INTERSECTS
721 Saint Paul Lutheran Church-Missouri Synod 638-4410
MC CARTHY INTERSECTS
821 Vacant
850 Lilly Eli & Co Laboratories
851 Lilly Eli & Co (Parking Lot)
WYOMING INTERSECTS
INTERSTATE 70 INTERSECTS
VICKING INTERSECTS
WOODLAWN AV INTERSECTS
1030★Wright John F ◎
1032 Vacant
1035 Surber Fred L 639-2228
1038 Hoagland Ralph
1040 Wurtzbaugh Oscar R ◎ 631-5615

504

PROSPECT INTERSECTS
SANDERS INTERSECTS
ORANGE INTERSECTS
PARKWAY INTERSECTS
TERRACE AV INTERSECTS
1402 Vacant
1403 No Return
1407 Huber August C ◎ 636-6191
1409 Hargraves Bernice E 634-0268
1409½ Vacant
1410 No Return
1411 Koch Fred A ◎ 637-9503
1413 Carter Luther O ◎ 638-6354
1414 Wilkerson Mary E ◎ 635-1938
1415 Hanlon Graham N ◎ 637-5232
1417 Price Wm L ◎ 634-7337
1420 Myers Eva I Mrs ◎ 631-7046
1421 Vacant
1422 Fowler W Morris ◎ 636-7058
1424 Kamisky Patricia ◎
1425 Gocke Louis S ◎ 632-3126
1428 Amonette Robt A ◎ 637-7339
1429 Zimmerman Louella
1432 Riggsbee Pearl R Mrs ◎ 638-4793
1433 Evans Larry
1435 Miller Denzil F ◎ 636-4063
1436 Jacobs Mary W Mrs 635-5143
1436½ Banks Diane L
1439 Sibley Eleanor F Mrs ◎ 636-0977
1440 Graves Odell E ◎ 638-3979
1440½ Vacant
1441 Green Jennie G Mrs ◎ 639-2811
1501 Rippey Robt L ◎
1502 Beard Walter ◎
1507 Vacant
1509 Reynolds Audrey E 638-3659
1510 Vacant
1513 No Return
1514 Vacant
1515★Muse Kenneth D
1519 Speth Louis N ◎ 637-6410
1520 Heid Dolores A Mrs ◎ 638-6665
1525 Greer John ◎
1525½ Vacant
1526 Hagedorn Lois ◎ 636-0107
1531 Reese Agnes B Mrs ◎ 637-0237
1537 No Return
1538 Vacant
1539 Lemon Jack D
1542 Otting Fred C ◎ 632-9136
1543 No Return
1545 Carmen Clyde E ◎ 638-8275
1546★Hadley David L ◎
1549 Gasway Forest
1551 Enlow Arth R ◎ 636-4193
1555 Franklin Dwight A ◎ 638-7793
LINCOLN INTERSECTS

506

LE GRANDE AV INTERSECTS
RAYMOND INTERSECTS

507

2501 Rebmann Wilbur F ◎
2502 Wyman Mark A mfg rep ◎ 783-4903
2505 No Return
2506 Faust Bernie ◎ 784-9227
2509 Dorsey Richd C ◎ 783-3963
2510 Higgins Glenn A ◎ 786-4122
2514 No Return
2515 Barlow Hubert B ◎ 786-4956
2517 Bertram Raymond C ◎
2518 Patterson Donald F ◎ 784-9548
2523 Mahrendt John ◎
2524 Welborn Ernest W ◎ 787-5129
2525 Kahn Walter R ◎ 786-0728
2528 Thomas Marshall H ◎ 786-0332
2531 Gahimer Sadie R Mrs ◎ 786-2538
2532★Burkhart Ed O
2535 Wise Kenneth A ◎ 784-4309
2538 Burkert Edw J ◎ 784-7263

909

NEW YORK ST E —FROM 301 N MERIDIAN EAST TO EMERSON AV AND FROM AUDUBON RD TO ARLINGTON AV

ZIP CODE 46204
PENNSYLVANIA INTERSECTS
120 Indpls Newspapers (Parking Lot)
121 Ind Square (Parking Lot)
130 One Thirty Bldg
Indiana Association Of Credit Management Serv Inc 632-4444
136 Systems Auto Park
DELAWARE INTERSECTS
MASSACHUSETTS AV INTERSECTS
209 Manpower Industrial (Men's Div) employment agcy 635-1001
218 Dennison Parking Lot
227 Dennison Parking Lot
HUDSON INTERSECTS
236 Buck Berry & Landau law ofc parking lot

910

N ALABAMA INTERSECTS
301 Indiana Properties Inc 266-5057
302 Howard's Barber & Beauty Shop 632-7370
306 Vienna The apts 636-1980
1 Douglas Ella 635-0311
2 Smith Howard 631-4311
3★Razzuk Saml

Somewhere down the road you'll have a telecommunications question.
We'll have the answer.
Business Telecommunications Systems
PBX • Key • Data • Network
Consulting • Design • Maintenance
GTE
Suite 400; 11611 Meridian St.
Carmel, IN 46032
848-8935

Lockhart Cadillac, INC.
5550 North Keystone Ave., Indianapolis, Indiana 46220-3484
Telephone 253-1551

"WE BRIDGE THE GAP BETWEEN BUYERS & SELLERS"
BUSINESS BROKERS
Each office independently owned and operated
• Franchise Headquarters
• Preferred Investments
• Business Brokerage
Glenlake Plaza
Keystone At 65th Street
Indianapolis, IN 46220
317-257-2070

FOR-GET-ME-NOT PERSONAL SERVICES
Reminder - Wake-Up - Housewatching
Gift Shopping - Wrapping - Any Personal Service
WE DO IT ALL
3425 E. 10th
TEL. 639-6170

insty-prints®
Downtown
114 N. Delaware St.
(Across from City Market)
635-2282
635-2292
Northwest
3644 Bethany Rd.
College Park Shops
8800 Block N. Michigan Rd.
(Across from K-Mart)
875-8722
South
936 E. Hanna Ave.
(Corner Madison & Hanna)
788-1242
788-1504

E NEW YORK ST—Contd
4 Vacant
5 Hamilton Paul N 636-1014
6 Gin Billy
7 Vacant
9 Foxworthy Lucille 637-8343
10 Vacant
11 Vacant
12★Smith Juanita
314 Vacant
322 Vacant
324 Indianapolis Senior Citizens Center 634-2857
326 Sears Roebuck And Co (Parking Lot)
N OGDEN INTERSECTS
N NEW JERSEY INTERSECTS
ZIP CODE 46202
402 Ken-Mar-Lin Apts
1 No Return (apts 1-8)
9 Arthur Louise R 632-3462
10 No Return (apts 10-12)
14 Pang D 634-4996
15 No Return (apts 15-18)
406 Power Brake Exchange 635-7161
422 Nik-O-Lok Co Inc lock mfrs 639-3516
Standard Change-Makers Inc mfrs 639-3423
CLEVELAND INTERSECTS
426 Frakes Electric Co Inc elec mtr repr 638-1594
434 Carson Vallie B ◎ 631-6201
439 Quick Radiator Service Inc 637-5195
EAST ST INTERSECTS

432

EAST INTERSECTS
512 Bader Mary S Mrs ◎ 636-6808
Perrotta Louis
520 Apartments
1 Rene Frank P ◎ 631-6620
2 Rene Nick
3 Vacant (apts 3-9)
521 Turner Geraldine Mrs 638-6009
1 No Return
528 Price Lorraine Mrs
536 Kienle James T ◎ 632-9391
540★Andrew Melvin
541 Vacant
PARK AV INTERSECTS
601 Zdenek's Market 631-4660
Rear Zdenek Karl W
602 Dixon Vending Machines 631-9318
608 No Return
613★Harrison Anthony
615 Lester Lou V Mrs ◎ 631-3025
616 No Return
621 Scheling Ernest R
★Bougher Dale
631 Pierson Hollowell Co Inc lumbering & veneer 632-5537
634 Sanders Trailer Rental 637-3833
638 No Return
640 No Return
656 Simmons & Associates Inc archts 266-0870
COLLEGE INTERSECTS
SPRING INTERSECTS
723 Vacant
725 Turner Pauline E Mrs ◎ 637-6298
FULTON INTERSECTS
743 Great Fulton & Davidson Divide cocktail lounge 637-2192
Rebco Holding Co Fulton Great Davidson Divide
I 65 INTERSECTS
DAVIDSON INTERSECTS
PINE INTERSECTS
901 Home Lumber & Supply Co The 637-4561
920 Capitol City Fence Co yard
CON RAIL CROSSES

438

C C C & ST L RY CROSSES
1009 Kenny's Auto Sales used cars 631-6377
1030 Pepsi-Cola Bottling Co Inc Of Indianapolis In 632-3464
DORMAN INTERSECTS
1101 Highland Park
HIGHLAND AV INTERSECTS
1205 Auction Galleries Inc 636-3374
1206 Apartments
1 Vacant
2 Wells Bobby
3★Stepp Joyce A
4 Vacant
1210 No Return
1218 Cobb Roger ◎
1222★Jaussaud N 266-0528
1301★Schmidt Phillip E
1302 Braswell N ◎
1305★Russell Don
1306 Nedeff Agnes Mrs ◎ 637-4289
1314 Lusk A Ruth Mrs ◎ 631-6904
1317 Vacant
1318 Thomas Carrie L Mrs ◎ 638-0801
1321★Sandlin Lester
1322 Harney Lelah O ◎ 631-5360
N ORIENTAL ST INTERSECTS

439

ORIENTAL INTERSECTS
1401 Griffin Nora M Mrs ◎ 631-9820
1402★Groover Bobby
1403 No Return
1404 No Return
1405★Winn Alice J Mrs
★Hager Martha Mrs 638-3328
★Hubbard Georgia N Mrs
1406★Vasquez Mary M
1409 No Return
1410★Fox Richd L
1417 No Return
1419★Stone Lisa B Mrs
1422 Burdette Edw S ◎ 632-4263
1423★Means Anita
1425★Lott Bobbie
1427 Woodard Lena
1429 Vacant
1431★Greene Dorothy A Mrs
1438★Tolson Rusty G
1438½ Vacant
ARSENAL AV INTERSECTS
1531 Grinsteiner Funeral Home (Parking Lot)
SUMMIT INTERSECTS
1601 Grinsteiner Funeral Home Inc 632-5374
Butler Geraldine 638-3404
Meloy Ruby 637-8495
1621 Gardner Robt F Co Inc screen printers 634-2333
1630 Vacant
1642 Hook's Drug Store 631-5829
STATE AV INTERSECTS
1701 Charlie's Auto Sales used car 634-7153
1717 Detour Bar tavern 634-6352
1728 American Council For The Blind thrift store 636-4433
WALCOTT INTERSECTS
1818 Vacant
1825 Tops Auto Sales & Body Shop 631-2445
RANDOLPH ST INTERSECTS

440

PARKVIEW AV ENDS
RANDOLPH INTERSECTS
HENDRICKS PL ENDS
2030★Smith Rebecca J ◎ 632-6008
2032★Booxe Cindy
2036★Glaze Mary G
HAMILTON AV INTERSECTS
2151 Vacant (2151-2157)
JEFFERSON AV INTERSECTS
2201 C & O Co (Apt Rental) 236-8893
2201½ Askew Doncella L
2202★Fuqua Stanley V
2203 C & O Co Apt Rental (Home Ofc)
2204★Grover Janet
2205★Stewart Lillain M
2207★Bedford Patricia L
2209 No Return
2209½ No Return
2210 Phillips Donald I
2211 No Return
2211½ No Return
2212★Hendrickson Morgan R
2215 Wilson C Randy 634-2493
2219 Mc Clain Frank B 638-6294
2222 Twins Auto Sales used car sls 636-8964
2229 Cossey's One Stop Station 631-5010
BEVILLE AV INTERSECTS
2305 No Return
2308 Vacant
2309 Vacant
2312 Phillips Hubert ◎ 632-4976
2315 No Return
2316 Willis Esther F ◎ 634-3705
2325 M & K Package Liquor Store 638-5777
N KEYSTONE AV INTERSECTS

463

KEYSTONE AV INTERSECTS
2415 Dairy Queen restr 638-3967
2416 Thomas Market gro 636-7531
2425 Vacant
FOREST AV INTERSECTS
TACOMA AV INTERSECTS
TEMPLE AV INTERSECTS
2601 East Park United Methodist Church 636-2819
2621★Hocka Charlie
EASTERN AV INTERSECTS
2702 No Return
2704 Vacant (2704-2710)
2713 No Return (2713-2714)
2718 Vacant
2727 Carland Auto Sales used 635-3100
N RURAL ST INTERSECTS

464

RURAL INTERSECTS
2801 Village Pantry gro 632-4330
2810 City Motor Mart used cars 635-8571
2817 Burket Frank ◎ 631-5915
2818 Lutes Gertrude E Mrs ◎ 636-4241
2821 Mc Hugh James R ◎ 634-6858
2822 Dyke Wm L ◎ 631-3712
2824★Ewald Mark
2826 Miedema Judith A ◎ 638-6149
2830★James Daphne R
2832★Warfield Steve
2836 No Return
2837 Saint Matthew Lutheran Church 637-8870
2838 New York Flower Shop 636-2313
2850 Davis Robt L ◎ 631-9242
2906 Major Sign Co 638-6617
2908 Major Sign Co (Addl Sp)
2909 Henderson Lawrence M ◎ 632-6695
2910 O'Brien John F ◎ 631-5528
2911 Mann J C 638-1407
2914 Vacant
2915 Vacant
2916 Vacant
2917 No Return
2918 No Return
2919 Reed Roy ◎ 638-2712
2922 Vacant
2923 Vacant
2924★Cruise Raymond A
PARKER AV INTERSECTS
2927 Swan Mabel E ◎ 634-3935
2931 Cox Edw E ◎ 632-5771
2935 No Return
OAKLAND AV INTERSECTS
3000 Indiana National Bank 266-6120
3001★Ervin Jas L ◎ 636-5191
3005 Vacant
3009 Evans Helen Mrs ◎ 631-8483
3013 Holmes Wm F ◎ 632-5769
3017★Reck Ladona 637-5017
3030 Pope Margt J Mrs
3032 No Return
3036★Raymer Dale J 636-3616
GRAY INTERSECTS
3102★Hampton Clyde E
3104 Vacant
3107 Hibbard Nellie J 638-6391
★Garrett Paul L
3108 Vacant
3109★Doss Jas M
3113 Vacant
3114 Van Noy Donald R ◎ 631-8662
3115 Leavitt Charles O ◎ 631-3463
3118 Lawrence Walter ◎ 638-6215
3121 Vacant
3122 Vacant
3125 Johnnie's Glass & Frames 635-9280
DEARBORN INTERSECTS
3202 Davis Robt L
3203 Kennedy Edith ◎ 637-6145
3205 Helton Donald E ◎
3206 Hannon Clayton ◎ 637-9033
3209 Feeney Paul R
3214 Welch Aubrey D ◎
3215 Green Autie Mrs ◎
3219★Dobbs Sonia
3220 De Loach Robt D ◎ 635-5714
3221 Curry Hazel M ◎ 632-6920
3222 Apartments
1★Hamilton Tommy
2★Utke Richd
3 Deloach
4★Miller Chas
6★Scott Arvin
7★Hall Jr
8★Stumpff Margt
3223 Flory Richd 634-7867
N LA SALLE ST INTERSECTS

465

LA SALLE INTERSECTS
3301 Lasalle Motors auto dlrs 638-3880
3302 A-One Balloon Boutique
Phillips Variety 638-9073
3306 Simpson Harry A Co adv splst 639-9754
3308 Johnston Bill Realty 638-5656
3312★Bates Jas M
3314 Whalen Raymond L
3315 Morgan Raymond E 634-4476
3316 No Return
1 Atwell Brady 634-4671
2 Vacant
3318 No Return
3319★Rust Doris J
3319½ Vacant
3320 Sam's Tool & Cutter Grinding 639-2247
Klipsch Saml M ◎ 639-2247
3321 No Return
3325 Embry James F ◎ 636-6910
3328 Vacant
3329 No Return
3330 Vacant
3332 No Return
3335 Bostic Mary E Mrs ◎ 639-2130
3338 No Return
3401 Building Contractors Inc 635-6881
3402 Moore Wm ◎
3404 Murphy Thomas A Co fast radiator serv 637-5501
3407 Continental Dance Club Inc 635-4255
Liberty Supply Corporation ofc sup 635-4255
Toastmaster Club Of Indpls
BELT RR CROSSES
3502 American Granite & Marble Co monuments 356-7205
3516 Vacant
3518 Nordstrom Ricky A 352-0977
GALE INTERSECTS
3522 Thornton M Evelyn Mrs ◎ 352-0816
3523 Vacant
3525 Bedell Wm J ◎ 356-5119
3527 Edwards Guy ◎ 356-7523
3529 Newlin Ruth M Mrs ◎ 359-9382
3531 Briddle Viola Mrs 356-5493
3532 Watson Geo ◎ 356-6057
3536★Mitchell Edw
3540 Engelking Thos G ◎ 357-5219
3546★Waid Jimmy B ◎ 356-4490
3550 Tomlinson Russell G ◎ 356-9614
3601 Vacant
3602 Wallace Marie E 356-0579
EWING INTERSECTS
3604 Hayes Garth F ◎ 356-8369
3606★Stant C V 356-7844
3608 Wilkerson Richd 359-7277
3610 Bennett
3612 Carpenter Kenneth H 356-7113
3614★Nelson Richd C
3616 Vacant
3618 Pence Charles L 357-5546
3620★Tingle Tamara 359-6184
3622 No Return
3624 No Return
3628 No Return
3629★Fversola Larry W
3630 Hicks Danny C ◎ 356-4272
KEALING INTERSECTS
3702 Apartments
1★Webber K
2 Arthur Grace
3 Ramsey Barbara E 352-0257
4a Johnson Lottie
6a Christy Laura B Mrs 356-4208
3703 Mc Cormick Thos A ◎ 357-3416
3704 Apartments
1 Feathers I 356-3220
2 Sanchez J
3 Baker Emma
4 Yancich Sylvia
6★Nichols K
3707 Moon Arlene J Mrs ◎ 357-1613
3708 Apartments
1★Williams D
2★Lepper R
3 Armstrong James C 353-2611
4 Wirey Michl
5 Vacant
6★Emberton A
7 No Return
3709 Clements Geraldine K Mrs 359-1298
3712 Ridout Ledolia I ◎ 357-9207
3714 Vacant
3715 No Return
3718a No Return
3718b No Return
3719 Apartments
1★Collins Joyce L
2 No Return
3720 No Return
3722 Apartments
2 No Return
★Adams Wilbur 356-4476
3757 Vacant
N SHERMAN DR INTERSECTS

4

SHERMAN DR INTERSECTS
3810 Williams Ray E ◎
3812★Asher Jack 357-4322
3814 Vacant
3815 Tashe's Bakery 357-8167
3819 Spearing & Associates Inc mfg rep 352-0916
3821 Vacant
N BRADLEY INTERSECTS
3838 Monroe Theo R ◎ 359-4104
3839★Smith Carl D
3842★Clark Christine L Mrs
3844 Manis Lois A 359-5065
3846★Sluder Ronald L
3848★Snelling Ronald L
3850 No Return
3851 Koinonia Baptist Church 357-7060
N DENNY INTERSECTS
3901 Vacant
3902 Lepper Charles M ◎ 359-3983
3920 Dorsey & Doty Mortuary Inc (Parking Lot)
3925 Dorsey & Doty Mortuary Inc 357-1173
N CHESTER INTERSECTS
4002 Dynasty Auto Sales used car sls 359-0005
4009 No Return
4019 Vacant
4021 Professional Beauty Salon 357-9243
4027 Vacant
4029 Vacant
4040 Denney's Auto Service 357-7223
4045 Vacant
N GRANT AV INTERSECTS
4107 Vacant
4110 Grace United Methodist Church 357-8379
4115★Garrett Linda
4117★Hainer Charles
4120 Auto Wholesalers 359-4511
4121 Apartments
1★Simon J D 357-2708
2★Villanueva Benito 353-2405
3★Buses Mary
4★Turner Bruce A 352-9303
N GLADSTONE AV INTERSECTS

4

4202 Modern Drugs Inc 357-4708
4210 Vacant
4212 Vacant

TUCKER ENTERPRISES

General Landscaping

Interior and Exterior Painting

SNOW REMOVAL

ORVIL TUCKER OWNER

117 W. 34th St.

Tel: 923-0027

For Real Solutions
INDIANA NATIONAL BANK
MoneyMover. 24 Hour Teller 266-6000

S NEW JERSEY ST—Contd
2517 Bertram Raymond C ⊙ 788-4173
2518 Patterson Donald F ⊙ 784-9548
2523 Bowell David ⊙
2524 Welborn Ernie W ⊙ 787-5129
2525 Kahn Walter R ⊙ 786-0728
2528 Thomas Marshall H ⊙ 786-0332
2531 Gahimer Sadie R Mrs ⊙ 786-2538
2532 Heller M E ⊙ 784-5078
2535 Wise Kenneth A 784-4309
2538 Burkert Edw J ⊙ 784-7263

909

NEW YORK ST E —FROM 301 N MERIDIAN EAST TO EMERSON AV AND FROM AUDUBON RD TO ARLINGTON AV

ZIP CODE 46204
PENNSYLVANIA INTERSECTS
120 Star News (Parking Lot)
121 Ind Square (Parking Lot)
130 One Thirty Bldg
One Thirty East New York Realty Corp 632-4444
Indiana Assn Of Credit Management Service Inc 632-4444
136 Systems Auto Park
DELAWARE INTERSECTS
MASSACHUSETTS AV INTERSECTS
209 Manpower Industrial (Men's Div) 635-1001
218 Dennison Parking Lot
227 Dennison Parking Lot
HUDSON INTERSECTS
236 Bertermann Bros Co Inc florist 635-2333

910

N ALABAMA INTERSECTS
301 Vacant
302 Mary Lou's Beauty Salon 632-7370
306 Vienna The apts
1★Williamson Pauline
2★Reed John
3★Shaw Leslie K
4 Stakley Wm A 631-8465
5★Korbly Jean
6★King Ron
7★Douglas Ella
8★Kirb Henry A
9 Foxworthy M Lucille Mrs 637-8343
10★Egan Chris
11★Medrais Roxie
12★Mingus Pat
314 Economy Plumbing (Stge)
322 Vacant
324 Indianapolis Senior Citizens Center 634-2857
326 Sears (Parking Lot)
N OGDEN INTERSECTS
N NEW JERSEY INTERSECTS
ZIP CODE 46202
402 Ken-Mar-Lin Apts
1★Godwin Edw
2 Vacant
3 Vacant
4★Wetzel Dennis 638-6296
5 Vacant
6 Eastes L
7 Dwyer Joseph J 638-8995
8★Miner Arth
9 Vacant
10 Koehne Agnes 638-6944
11 Kindler L
12 Rincones B 636-5246
14 Vacant
15★Mimer Floyd E
16 Vacant
17★Nierste Mike
18 Smith M Juanita
406 Power Brake Exchange 635-7161
422 Nik-O-Lok Co Inc lock mfrs 639-3516
Standard Change-Makers Inc mfrs 639-3423
CLEVELAND INTERSECTS
426 Frakes Electric Co Inc elec mtr repr 638-1594
434 Carson Vallie B ⊙ 631-6201
439 Quick Radiator Service Inc 637-5195
EAST ST INTERSECTS

432

EAST INTERSECTS
512 Bader Mary S Mrs ⊙ 636-6808
520 Apartments
1 Rene Frank P ⊙ 631-6620
2 Nauert Johanna
3 Wyrick Oliver
4 Hilt Edw
5 Vacant
8 Gray Helen
9 Griffin Dottie
521 Turner Herman 638-6009
524 Apartments
1 Doub Thos E ⊙ 638-6110
2 Millie P
3 Vacant
4 Pickerill Millicent
532★Kassler Suszanne ⊙
536★Kienle James T ⊙ 632-9391
540 Mc Kinzie Clyde
541 Vacant
PARK AV INTERSECTS
601 Zdenek's Grocery 631-4660
Rear Zdenek Karl W
602 Dixon Vending Machines 631-9318
608 Vacant
613 Graves Rolan
615 Lester Lou V Mrs ⊙ 631-3025
616★Becktell Merrill E 638-4096
★Powell Geo 634-5632
Jung Leroy
621 Hedrick Iris L
631 Vacant
634 Sanders Trailer Rental rentals 637-3833
638★Hunter Math 638-0511
640★Widner John P 637-5905
★Gibson Christopher L 637-5905
COLLEGE INTERSECTS
SPRING INTERSECTS
719 Apartments
723 Gregory Woodrow J 638-0743
725 Turner Lonnie W ⊙ 637-6298
FULTON INTERSECTS
743 Condon Corner tavern 637-2192
I 65 INTERSECTS
DAVIDSON INTERSECTS
PINE INTERSECTS
901 Home Lumber & Supply Co The 637-4561
920 Capitol City Fence Co 638-3381
CON RAIL CROSSES

438

C C C & ST L RY CROSSES
1009 Kenny's Auto Sales used cars 631-6377
1030 Pepsi-Cola Bottling Co Inc Of Indianapolis Ind 632-3464
DORMAN INTERSECTS
1101 Highland Park
HIGHLAND AV INTERSECTS
1206 Apartments
1 Ford Saml 631-2747
2★Shackleford Charles
3★Shelton Westley
4★Palmer Gwen
1209 Vacant
1210 Mc Lean Maureen J ⊙ 631-4369
1217 Goodnight Eddie ⊙
1218 Keppel M Mrs ⊙ 634-9549
1221 Fenton John J ⊙ 639-9910
1222 Vacant
1301 Cram Frank
1302 Szczypinski John S ⊙
1305 Cram Roger
1306 Nedeff Agnes Mrs ⊙ 637-4289
1309 Vacant (1309-1313)
1314 Lusk A Ruth Mrs ⊙ 631-6904
1315 Vacant
1317 No Return
1318 Thomas Carrie L Mrs ⊙ 638-0801
1321 Leap Cleo Mrs ⊙ 636-7545
1322 Harney Lelah O ⊙ 631-5360

439

ORIENTAL INTERSECTS
1401 Griffin Nora M Mrs ⊙ 631-9820
1402 Vacant
1403 Griffin Barbara
1404 Vacant
1405★Berans Edw
1406 Kidd Leroy T
1409 Vacant
1410★Davis Eliz
1417 Vacant
1419★Graebe Rodger
1421 Lott Mary E
1422 Burdette Edw S ⊙ 632-4263
1423a Lott Helen M
1423b★Harvey Cecil 632-1126
1425 Woodward Leroy
1427 Vacant
1429★Norett Ralph
1430 Vacant
1431 Collester Charles
1432 Vacant
1433 Vacant
1435 Vacant
1438 No Return
1438½★Lewis Roger W 635-2459
ARSENAL AV INTERSECTS
1531 Grinsteiner Funeral Home (Parking Lot)
SUMMIT INTERSECTS
1601 Grinsteiner Funeral Home Inc 632-5374
Meloy Ruby Mrs 637-8495
1621 People's Health Center med clinic 633-7360
1630 Marsh Food Market (Br) 636-3321
1642 Hook Drug Store (Br) 631-5829
STATE AV INTERSECTS
1701 Charlie's Auto Sales used car 634-7153
1717 Detour Bar tavern 357-4047
1728 Blue Point Inc 637-2541
WALCOTT INTERSECTS
1818 D & S Auto Sales 634-2678
1825 D & S Auto Sales used cars 631-2445

440

PARKVIEW AV ENDS
RANDOLPH INTERSECTS
HENDRICKS PL ENDS
2030★Cameron Cayle
2032 Hudson Hank
2036★Shaw Theo D
HAMILTON AV INTERSECTS
2151 Vacant (2151-57)
2159 Vacant
2161 Vacant
JEFFERSON AV INTERSECTS
2201 Vacant
2202 Chadwick Elmer
2203 Vacant
2203½ Vacant
2204 No Return
2205★Smith Gary
2205½★Piersall Gary R
2207★Welch Bessie
2209★Fulcher Allen
2209½★Best Art 638-8279
2210 Smith Robt L 634-4221
2211 Engle Donald
2211½ Coleman Gerald F
2212★Rude C M 266-0429
2215 Wilson C Randy
2219 Cossey Kath M Mrs ⊙
2222 Midwest Motors auto repr 638-3702
2229 Cossey's One Stop Station 631-5016
BEVILLE AV INTERSECTS
2305 Alley Bedford ⊙ 631-6353
2308 Wallace Anthony
2309★Bulkeley David R 634-7920
2312 Brant Suda C Mrs ⊙ 632-4976
2315 Vacant
2316 Noelle E Grace Mrs ⊙ 632-4249
2325 M & K Package Liquor Store 638-5777

463

KEYSTONE AV INTERSECTS
2401 Vacant
2415 Keisker Dairy Queen 638-3967
2416 Thomas Market 636-7531
2425 National Life & Accident Insurance Co 637-1591
FOREST AV INTERSECTS
TACOMA AV INTERSECTS
TEMPLE AV INTERSECTS
2601 East Park United Methodist Church 636-2819
2621 Mc Kenney Manson ⊙
EASTERN AV INTERSECTS
2702★Perryman Linda
2704 Vacant
2706★Harvey R 631-6923
2708★Whitaker Joseph E 634-9967
2710 No Return
2713★Ball H Bernice ⊙
2714 Vacant
2718 Jobe Glenn D 632-8372
2720 Apartments
2726 Vacant
2727 R & J Auto Sales used autos 632-5169

464

RURAL INTERSECTS
2801 Short Stop Mkt
2810 City Motor Mart used cars 635-8571
2817 Burket Frank ⊙ 631-5915
2818 Gertrude's Beauty Shop 636-2119
Lutes Gertrude E Mrs ⊙ 636-2119
2819 Vacant
2821 Van Brunt Robt H ⊙ 637-7397
2822 Dykes Wm
2824 Wert Sanford M 635-7058
2826★Medena Ernest 638-6149
2830★Miller Marie M
2832 Vacant
2836 Chet's Auto Serv 632-8871
★Burnette Chet
2837 Saint Matthew Lutheran Church 637-8870
2838 New York Flower Shop 636-2313
2850★Davis Robt L ⊙
2906 Vacant
2908 Vacant
2909 Henderson Lawrence M ⊙ 632-6695
2910★O'Brien John F 631-5528
2911★Mann J C 638-1407
2911½ Vacant
2914★Christy Kandince E
2915 Vacant
2916★Pat Linda Mrs
2917 Scott
2918★Wise Vanie
2919 Reed Roy ⊙ 638-2712
2922 Vacant
2923 Hall Jas G ⊙ 631-2377
2924 Lewis Molly
PARKER AV INTERSECTS
2927 Swan Mabel E Mrs ⊙ 638-0440
2931 Cox Edw E ⊙ 632-5771
2935★Woodyard Ruth
OAKLAND AV INTERSECTS
3000 Indiana National Bank (Br) 266-6120
3001★Miller Maurice 637-6479
3005★Howard Mickey ⊙
3009 Evans Helen Mrs ⊙ 631-8483
3013 Holmes Wm F ⊙ 632-5769
3017 Miessen Albert G
3030 Pope Margt J Mrs 631-4791
3032 Hernandez Gerardo
3036 Vacant
GRAY INTERSECTS
3102 Vacant
3104★Wert Ray 638-4153
3107 Wilkerson Larry E 639-1698
Hibbard Nellie J
3108 Wolfe Edith R Mrs ⊙ 631-9415
3109 Vacant
3113 Spiegl Joseph ⊙ 632-1690
3114★Sloan D L ⊙ 636-2589
3115 Leavitt Charles O ⊙
3118 Lawrence Walter ⊙ 638-6215
3121★Collins Andy ⊙
3122★Breedlowe Edw T ⊙
3125 Johnnie's Glass & Frames 635-9280
DEARBORN INTERSECTS
3202 Davis Robt L
3203 Kennedy Edith E Mrs ⊙ 637-6145
3205 Helton Donald E ⊙
3206 Hannon Clayton ⊙ 637-9033
3209★Feeney Paul R 636-6727
3214 Walsh Aubrey ⊙
3214½★Mc Kenney Hubby
3215 Green Autie Mrs ⊙ 631-9113
3219 No Return
3220 De Loach Robt D ⊙ 635-5714
3221★Slicker Joyce
3222 Apartments
1 Paul Victor 637-7756
2 Snider Geraine 634-6157
3 Deloss Jess
4 Whitaker Kloss M
6 Sellers Gertrude I 635-2094
7 Hurley Florence Mrs 638-1158
8★Ritchey Janet R 636-7548
3223 Vacant

465

LA SALLE INTERSECTS
3301 Lasalle Motors auto dlrs 638-3880
3302 Neighborhood Market gro 637-5949
3306 Nickel Nook (Ofc)
3308 Johnston Bill Realty 638-5656
3312 Vacant
3314 Seeman Leonard 631-8406
3315★Smith Barbara 637-8072
3316 No Return
3317 Johnston David J 635-5745
3318 Vacant
3319★Bullock Merrill
3319½ Vacant
3320 Sam's Tool & Cutter Grinding 639-2247
Klipech Saml M ⊙ 639-2247
3321 Smith Gary 636-7537
3321½★Wettes David
3325 Embry James F ⊙ 636-6910
3328★Lesley Norma D
3329 Vacant
3330 Purdy Jerry A
3332 Barron Kenneth R
3335 Bostic Mary E Mrs ⊙ 639-2130
3338 Simmons Fred ⊙ 637-6997
3401 Liberty Supply Corp 635-6881
Building Contractors Inc 635-6881
3402 Moore Wm ⊙
3404 Vacant
BELT RR CROSSES
3502 Blakley Granite Co monuments 356-7205
3516 Vacant
3518 Buttery Ricky 356-0634
GALE INTERSECTS
3522★Thornton W
3523 Vacant
3525 Bedel Wm J ⊙ 356-5119
3527 Edwards Guy ⊙ 356-7523
3529 Newlin Ruth M ⊙ 359-9382
3531 Briddle Melvin ⊙ 356-5493
3532 Watson Geo ⊙ 356-6057
3536 Lindholm Harold W ⊙ 357-6543
3540 Engelking Virginia Mrs ⊙ 357-5219
3546 Spaulding Kathryn R ⊙
3550 Tomlinson Russell G ⊙ 356-9614
3601 Vacant
3602 Wallace Marie 356-0579
EWING INTERSECTS
3604 Hayes Garth F ⊙ 356-8369
3606★Britts M
3608★Fisher Bruce C 356-0018
3610 Gee Clair
3612 Carpenter Kenneth H 356-7113
3614 No Return
3616 No Return
3618★Carter Lois A
3620★Von Gorder R
3622 Vacant
3624 Vacant (3624-28)
3629★Carey Rosie 356-4929
3630 Hicks Danny 357-7170
KEALING INTERSECTS
3702 Apartments
1 Bade Matilda
2★Combs Peggy
3★Butler R
4a★Johnson Dottie
5a Vacant
6a Christie Laura B Mrs 356-4208
3703 Mc Cormick Thos A ⊙ 357-3416
3704 Apartments
1 Allen Chloe H 353-6046
2 Feathers Iretta Mrs 356-3220
3 Baker Emma
4 Yancich Sylvia
5 Roeker Ethel
6 Grubaugh Bacel Mrs
3707 Moon Frank C ⊙ 357-1613
3708 Apartments
1 Vacant
2★Arthor G K

Who's Who- and Where?

Such questions can only be answered by the Directory and that is where people look when they want to buy.

Are you properly displayed therein to get the business?

ANCHOR FEDERAL
Savings and Loan Association
Since 1908...A Safe, Friendly Place for Insured Savings and Home Loans
MEMBER, Federal Home Loan Bank System Federal Savings and Loan Insurance Corporation
Save by Mail Top Dividends
148 EAST WASHINGTON ST., INDIANAPOLIS, INDIANA 46204 637-2305

N NEW JERSEY ST—Contd
5407 Garvey Wm H ◎ 251-5353
5410 Cantwell J Frank ◎ 255-2887
5420 Fechtman Hugo W ◎ 251-3262
5423 Vacant
5424 Roti Donald R ◎ 253-9351
5425 Akins Thos N ◎ 255-1000
5429 Lewis Charles S ◎ 255-2766
5430 Popcheff James T ◎ 251-7122
5434 Hamer Maone D Mrs ◎ 251-4496
5435 Craig Steph M ◎ 253-3370
5456 Barth John L ◎

425
55TH INTERSECTS
5734★Harris Charles D 253-8503
5736★Wann L Saml 255-6487
5743 Hamilton Colin ◎
5744 Pratt Andrew W 257-4645
5750 Bosson Dorothy L Mrs ◎ 255-1565
5751 Pettijohn A Jane ◎ 253-8418
5755 Vacant
5763 Clauser Blanche L
5768 Owen David G Rev 251-2701
5774 Elrod Milton Jr ◎ 255-5625
5775★Bisbecos Andrew ◎
5780 Roesener Vicki Mrs ◎ 251-5573
5786 Smith Richd ◎ 253-5984
58TH INTERSECTS
5801 Del Mary A Mrs ◎ 255-5937
5802 Ashby Belle B Mrs ◎ 251-1930
5807 Reeves Mary L Mrs ◎ 255-9467
5808 Rose Dorothy 255-4907
5814 Miller Florence B ◎ 253-7161
5815 Foxworthy Jeffery
5816 Croner Ann B Mrs ◎ 251-2072
5819★Mills Richd A 255-0550
5820 Lowe Louise Mrs ◎ 251-0988
5821 Hartman Joseph E ◎ 255-1396
5829 Irby Harold F ◎ 257-1668
5830 Thomas Paul ◎ 253-6588
5839 Boldman Edith P Mrs ◎ 255-1924
5840 Ruhl Lynn C ◎ 257-0550
5841 Broich Helen C Mrs ◎ 255-3515
5845 Geiger Hans F ◎ 255-6882
5850 Burton Mitzie F Mrs ◎ 255-2601
5852 Heathco Rosalie S Mrs ◎ 255-7977
5855 Cathcart Hubert W ◎ 253-4980
5858 Smith Kath K Mrs 255-3005
5859 Williams Grover M ◎ 253-8727
5862 Calkins R Ronald ◎ 255-8983
5867 Vacant
5868 Wilson Wm J ◎ 255-5742
5869 Carpenter John O ◎ 255-3061
5874 Jones Walter L ◎ 255-2518
5875 Dennis Bernadine H Mrs ◎ 255-7780
Wolfard Mary L Mrs ◎ 255-7780
5879 Medlicott Arth mfrs agt ◎ 255-4431
5880 Seaverns Martha H Mrs ◎ 251-3041
5890 Moseley M Paul ◎ 253-4693
5891 Turley Richd L ◎ 253-2103
5892 No Return

427
E KESSLER BLVD INTERSECTS
5914 Findley Glenn F ◎ 255-5000
5922 Plimpton Thos L ◎ 253-2632
5926 Collet Charles J ◎ 251-0626
5931 Yates Lillian A Mrs ◎ 255-5070
5932 Decker Janet C Mrs ◎ 255-2279
5939 Crist Amelia Mrs ◎ 253-2176
5940 Life James B ◎ 255-2356
5945 Johnson Jane M Mrs ◎ 251-7567
5946★Bidney David ◎ 251-5110
5949 Foerst Chester L ◎ 255-4036
5950 Ressler Edwin P ◎ 255-2760
5955 Cline Steph C ◎ 255-0262
5956 Kaiser Jerry ◎
5959 Malone Richd F ◎ 253-7487
5960 Schnorr Ray J ◎ 253-6624
5961 Keller James S ◎ 257-7079
5963 Kirch Louis A ◎ 255-3536
5966 Case Jamia J Mrs ◎ 253-4889
5972 Brown Fred L ◎ 251-7065
61ST INTERSECTS

499
NEW JERSEY ST S —FROM 400 E WASHINGTON SOUTH

ZIP CODE 46204
2 Allied Bonding Agency 638-4567
10 Coverall Temporary Help Service 634-1286
12 Vacant
14 Vacant
16 Vacant
18 Vacant
PEARL INTERSECTS
IU RY CROSSES
PENN CENTRAL CROSSES
LOUISIANA INTERSECTS
VIRGINIA AV INTERSECTS
302 Indiana Bell Telephone Co Garage 630-1821
308 Bass Photo Co Inc 632-4545
312 Katz Max & Sons Realty Co Inc 635-9561
Katz Max Bag Inc paper mfg & distr 635-9561
315 Capitol Produce Co Inc whol fruits 632-3529
319 Rose Sam Inc prod 639-5493
323 Rose Sam Inc (Whse)
324 Ray & Mascari Inc prod 637-0234
325 Builders Specialties & Hardware Co 632-1375
329 Italian Club
340 Vacant
E SOUTH ST INTERSECTS

501
ZIP CODE 46225
SOUTH INTERSECTS
408 Venezia Bros Fruit 632-5544
424 Capcoa Auto Painting Co 632-3769
STEVENS INTERSECTS
426 Corsaro Danl F 639-2739
426½ Mascari Joseph M 638-7755
428 Caito Joseph P ◎ 637-1968
430 Caito Mary A Mrs ◎ 632-3023
436 Romano Pizza Supply Inc 636-8311
502★Prine Donnie G 635-8042
503 Venezia Bros (Whse)
HENRY INTERSECTS
MERRILL INTERSECTS
617 Lilly Eli Playground
653 Lilly Eli & Co (Parking Lot)
NORWOOD INTERSECTS
721 Saint Paul Lutheran Ch-Missouri Synod 638-4410
MC CARTHY INTERSECTS
821 Ray Michl G ◎ 632-9176
850 Lilly Eli & Co Laboratories
851 Lilly Eli & Co (Parking Lot)
WYOMING INTERSECTS
941 Collins Minnie D Mrs ◎ 637-9168
VICKING INTERSECTS
WOODLAWN AV INTERSECTS
1030 Wright John F ◎ 636-4187
1032 Van De Vanter John
1035 Surber Fred L 639-2228
1038 Davidson Nora M Mrs ◎ 636-6126
1040 Vacant

504
PROSPECT INTERSECTS
SANDERS INTERSECTS
ORANGE INTERSECTS
PARKWAY INTERSECTS
TERRACE AV INTERSECTS
1402 No Return
1403 Jacobs Cora 635-5143
1407 Huber August C ◎ 636-6191
1409 Scott D Kath Mrs ◎ 636-2842
1409½ Perkins Roston L 636-1665
1410 Miller Edw W
1411 Koch Fredk J 637-9503
1412 Vacant
1413 Carter Luther O ◎ 638-6354
1414 Miller Forrest E ◎ 631-0687
1415 Hanlon Graham N ◎ 637-5232
1417 Price Wm L ◎
1418 Vacant
1420 Myers Eva I Mrs ◎ 631-7046
1421 Adams Christine K Mrs ◎ 637-7547
1422 Fowler Opal R Mrs 636-7058
1424★Kaminsky John L ◎ 635-2376
1424½★Spencer Ronald
1425 Mullen Verena V Mrs ◎ 636-8630
1428 Amonette Robt A ◎ 637-7339
1429 Zimmerman Clarence H ◎ 637-5769
1432 Riggsbee Pearl R Mrs ◎ 638-4793
1433 Lane Mazella B ◎ 636-9070
1435 Ritchey John C ◎ 636-1856
1436 Kelly Patk ◎ 631-7277
1436½ Vacant
Vacant
1439 Sibley Faye E Mrs ◎ 636-0977
1440 Graves Odell ◎ 638-3979
1440½ Cox Bessie
1441 Greer Jennie G Mrs ◎ 639-2811
1501 Slagle Bobby G ◎ 632-4279
1502★Profitt Clara 631-3536
1506 Vacant
1507 Loy Rosalie 631-3859
1509 Abbott Thos W ◎ 638-5260
1510 Iamuzze Frank ◎ 631-0886
1513 Church Agnes E Mrs ◎ 636-6818
1514 White Bedford H ◎ 631-5766
1515 Putnam Pearl S Mrs 631-0293
1519 Speth Louis N ◎ 637-6410
1520 Heild Geo V ◎ 638-6665
1525 Karlontsos Nick
1525½★Johnson Michl
1526 Hagedorn Lois ◎ 636-0107
1531 Reese James D ◎ 637-0237
1537★Rawlings Cath A Mrs ◎ 637-025
1538 Welmer Clara M Mrs ◎ 631-9411
1539 Kemmerer Clara Mrs 637-4695
1542 Otting Fred C ◎ 632-9136
1543 Benes Clara G Mrs ◎
1545 Carman Clyde E
1546 Jenkins Edw A ◎ 636-5896
1549★Marshall Merle M ◎ 638-1126
1551 Enlow Arth R ◎ 636-0859
1555 Franklin Dwight A ◎ 638-7793
LINCOLN INTERSECTS

506
LE GRANDE AV INTERSECTS
RAYMOND INTERSECTS

507
2501 Rebmann Wilbur F ◎
2502 Zenor John M ◎ 784-0219
2505 Caldwell Fern V Mrs ◎ 787-9857
2506 Faust Wm B ◎ 784-9227
2509 Dorsey Richd C ◎ 783-3963
2510 Warren Richd E ◎
2514 Hupke Herman F ◎ 784-9401
2515 Barlow Hubert B ◎ 786-4956
2517 Probst Mary L Mrs ◎ 784-2902
2518 Patterson Donald F ◎ 784-9548
2523 Coshow Emery E ◎ 784-8446
2524 No Return
2525 Kahn Walter R ◎ 786-0728
2528 Thomas Marshall H ◎ 786-0332
2531 Gahimer Sadie R Mrs ◎ 786-2538
2532 Heller Elroy ◎ 784-5078
2535 Wise Kenneth A 784-4309
2538 Burkert Edw J ◎ 784-7263

909
NEW YORK ST E —FROM 301 N MERIDIAN EAST TO EMERSON AV AND FROM AUDUBON RD TO ARLINGTON AV

ZIP CODE 46204
PENNSYLVANIA INTERSECTS
120 Star News (Parking Lot)
121 Ind Public Square (Parking Lot)
130 One Thirty Bldg
One Thirty East New York Realty Corp 632-4444
Indiana Assn Of Credit Management Service Inc 632-4444
132 Skeffington's Formal Wear Inc 634-1583
136 Mallory Parking Lot
DELAWARE INTERSECTS
MASSACHUSETTS AV INTERSECTS
209 Manpower Industrial (Men's Div) 639-4564
STREET CONTINUED
218 Dennison Parking Lot
227 Dennison Parking Lot
HUDSON INTERSECTS
236 Bertermann Bros Co Inc 635-2333

910
N ALABAMA INTERSECTS
301 City Fire Dept Hq 633-6041
Fire Prevention Bur 633-6046
City Fire Dept Sta No 7 636-7176
City Fire Dept Pension Fund 633-6053
City Fire Dept (Arson Div)
City Fire Dept (Alarm Ofc) 633-6066
306 Vienna The apts
1★Oberting Clara B Mrs 637-8407
2 Cain Dollie E 638-0180
3★Schwartz Patricia
4★Williamson Pauline 637-3760
5 Vacant
6★Mc Lain Ada A Mrs 632-8030
7 Curtis Hilda S 636-2753
8★Tuttle Julia 637-3867
9 Foxworthy M Lucille 637-8343
10 Newlin Pearl 637-6420
11 Vacant
12 Norvell Mae
314 Economy Plumbing (Stge)
322 Fifty Fifty Club 637-0851
324 Indianapolis Senior Citizens Center 634-2857
326 Sears (Parking Lot)
N OGDEN INTERSECTS
N NEW JERSEY INTERSECTS
ZIP CODE 46202
402 Ken-Mar-Lin Apts
1 Neal A Pearl
2 Meliano Vincent J 632-2212
3 Vacant
4 Ken-Mar-Lin Realty 636-1384
5★Rose Kenneth
6★Eastes L
7 Dwyer Joseph J 638-8995
8 Lambert R J 638-8296
9 Vacant
10 Koehne Agnes 638-6944
11 Miller Dale M 639-2836
12 Rincones B
14 Stack R L 636-4846
15 Knight Lucille E
16 Robinson Margt
17 Vacant
18 Smith M Juanita
406 Power Brake Exchange 635-7161
422 Nik-O-Lok Co Inc lock mfrs 639-3516
Standard Change-Makers Inc mfrs 639-3423
CLEVELAND INTERSECTS
426 Frakes Electric Co Inc contrs 638-1594
434 Carson Vallie B ◎ 631-6201
439 Quick Radiator Service repr 637-5195
N EAST ST INTERSECTS

432
EAST INTERSECTS
512 Bader Mary Mrs ◎ 636-6808
520 Apartments
1★Rene Frank P 631-6620
2★Nauert Johanna
3★Gray Helen
4 Vacant
5 Vacant
521 Turner Herman
524 Doub Thos E 638-6110
529 No Return
531 Vacant
540 Vacant
541 Sherman Motors used cars 635-0290
PARK AV INTERSECTS
601 Zdenek's Grocery 631-4660
602 Dickson Vending Machines 631-9318
608 Vacant
613 Brooks Raymond
615 Lester Lou V Mrs ◎ 631-3025
616 Owens Lewis ◎
619 Vacant
621 Vacant
631 Ace Beverage Co Inc beer distr 636-4567
634 Sanders Trailer Rental 637-3833
638 Vacant
640 Vacant
656 Vacant
658 Advance Gutter Sheet Metal Works 639-2838
660 Holiness Tabernacle
COLLEGE INTERSECTS
SPRING INTERSECTS
719 Apartments
1★Rodriguez John M
2 Vacant
3 Strother Dessa F Mrs 639-1909
4 Mize Mary Mrs 638-5696
723 Gregor Woodrow
725 Turner Lonnie W ◎ 637-5658
FULTON INTERSECTS
743 Condon Corner tavern 637-2192
DAVIDSON INTERSECTS
PINE INTERSECTS
901 Home Lumber & Supply Co The 637-4561
920 Capitol City Fence Co 638-3381
PENN CENTRAL RR CROSSES

438
C C C & ST L RY CROSSES
1009 Kenny's Auto Sales used cars 631-6377
1030 Pepsi-Cola Bottling Co Inc Of Indianapolis Ind 632-3464
DORMAN INTERSECTS
1101 Highland Park
1150 Taylor Herbert M int dec ◎ 637-5692
HIGHLAND AV INTERSECTS
1206 Ford Saml J
1209 Vacant
1210 Porembecki John ◎
1214 Vacant
1215★Wright Bernice
1215½ Nelson Fannie
1217 Vacant
1218 No Return
1221 Vacant
1222★Bishop Jerry W
1301 Haynes Edw
1302★Braswell Benj ◎
1305 Murray Dewey W 632-7253
1306 Nedeff James G lwyr ◎ 637-4289
1309 Vacant
1310 No Return
1311 Vacant
1311½ Vacant
1312★Hamilton Ted ◎
1313 Wells Florence Mrs ◎ 637-8616
1314 Lusk Eug ◎ 631-6904
1315 Vacant
1317 Vacant
1318 Vacant
1321 Leap Cleo Mrs ◎ 636-7545
1322 Harney Lelah O ◎ 631-5360

439
ORIENTAL INTERSECTS
1401 Griffin Nora M Mrs ◎ 631-9820
1402★Cortez Francisco
1403 Stanford Michl
1404★Richman Joseph W
1405★Johnson Geo ◎
1406★Smith Jack
1409 Baker Robt E ◎ 631-7970
1410 Culvahouse James K
1410½ Lucas James L 631-3790
1413 Vacant
1415★Gilcrest Charles A
1415½★Walls Michl
1417★Pardue Helen
1419★Roberts Elwood
1421 Vacant
1422 Burdette Edw S ◎ 632-4263
1423 Vacant
1425 Bogard Norman K ◎ 635-0279
1427 Vacant
1427½ Vacant
1429 Keith J D
1430★Hall Betty
1431 Warner John A 631-4475
1432 Vacant
1433 Walters Opal C Mrs
1435½★Asbury Carolyn
1438★Haliburton John R
ARSENAL AV INTERSECTS
1531 Grinsteiner Funeral Home (Parking Lot)
SUMMIT INTERSECTS
1601 Grinsteiner Funeral Home Inc 632-5374
Meloy E J 637-8495
1621 People's Health Center med clinic 632-6428
1630 Marsh Food Market (Br) 636-5765
1642 Hook Drugs Inc (Br) 631-5829
STATE AV INTERSECTS
1701 Easy Term Auto Sales Co 637-9869

McGRAW HILL BROADCASTING CO. Inc.
WRTV - 6
1330 N. Meridian St. 46206
Tel. 635-9788

SHARP & FORD
NEW — USED — TRUCKS — SERVICE
"The Deals Just Keep On Coming"
3931 S. U.S. 31
787-8201

ACME WALL PAPERS, Inc.
WHOLESALE AND RETAIL
WALLPAPERS • DECORATIONS • PAINTS • SUPPLIES
337-39 MASSACHUSETTS AVENUE
PHONE (AC 317) 631-1050

KELLY CHEVROLET - GREENWOOD
KELLY SALES Company
for Economical Transportation
CHEVROLET
340 S. Madison, Greenwood
Tel. 881-9371

NEWTON AV—CONTD
3215 JOHNSON EARSEL E MRS
3220 BABBS BRUCE
3226 MAJORS CHARLES R
3228 FERGESOUN RAYMONO
---LA SALLE INTERSECTS
---TUXEOO INTERSECTS
3401 CROWN PROOUCTS CO
(SUBSIDIARY SOMMER MTLCRFT CORP) PET SHOP SUP 637-2426
---BELT RR CROSSES

909
NEW YORK ST E -FROM 301 N MERIDIAN EAST TO EMERSON AV AND FROM AUDUBON RD TO ARLINGTON AV

---ZIP COOE 46204
---PENNSYLVANIA INTERSECTS
121 ILLINOIS & GEORGIA STREET PARKING (PARKING LOT)
130 ONE THIRTY BLOG
ONE THIRTY EAST NEW YORK REALTY CORP 632-4444
INDIANA ASSOCIATION OF CREDIT MEN'S SERVICE INC 632-4444
132 SKEFFINGTON'S FORMAL WEAR INC 634-1583
136 MALLORY PARKING LOT
---DELAWARE INTERSECTS
---MASSACHUSETTS AV INTERSECTS
205 SPANN BLDG APTS (SIDE ENT)
207 MANPOWER AGCY (STGE)
STREET CONTINUED
218 PLASTICS EXCLUSIVE DISTRIBUTORS 634-9054
219 ARFORD'S PARKING SERVICES
227 PAVY'S PARKING SERVICE 635-0766
---HUDSON INTERSECTS
236 BERTERMANN BROTHERS CO INC 635-2333

910
---N ALABAMA INTERSECTS
301 CITY FIRE OEPT HQ 637-4030
FIRE PREVENTION BUR 637-4033
CITY FIRE DEPT STA NO 7 637-4030
CITY FIRE DEPT PENSION FUNO 637-3816
302 THOMAS BARBER SHOP
304 VIENNA THE APTS
1 HARTLAGE MERLE MRS 631-7347
2 WHITE ELIZ A MRS 637-9146
3 NEWLIN PEARL 637-6420
4 WILLIAMS PAULINE
5 SMITH IRENE M MRS 632-6893
6 BOLANOER MATILDA
7 VACANT
8 OBERTING CLARA 637-8407
9 VACANT
10 BABBITT ALICE
11 VACANT 635-1294
12 OWEN FLOYO A 637-7522
308 VACANT
310 FARRIS LEONA O MRS 631-0532
314 VACANT
322 FIFTY FIFTY CLUB 637-0851
324 INDIANAPOLIS SENIOR CITIZENS CENTER 634-2857
---N OGOEN INTERSECTS
350 EMMITT'S ENCO SERVICE STATION 637-0061
---N NEW JERSEY INTERSECTS
---ZIP COOE 46202
402 KEN-MAR-LIN APTS
1 NEAL PEARL
2 MELIAND VINCE
3 NAUGHTON HELEN
4 KEN-MAR-LIN REALTY 636-1384
5 ROSE KENNETH F • 636-1384
6 LAMBERT ROGER
7 VACANT
8 VACANT
9 STODER REGINA
10 KOEHNE AGNES 638-6944
11 VACANT
12 VACANT
14 VACANT
15 VACANT
16 VACANT
17 LASKEY BETTY L
18 VACANT
406 POWER BRAKE EXCHANGE 635-7161
420 C A R T C O (OIV OF STD CHANGE MAKERS) VENDING MACH 639-3423
422 NIK-O-LOK CO INC MFRS 639-3516
STANOARO CHANGE-MAKERS INC MFRS 639-3423
---CLEVELANO INTERSECTS
425 ROSLYN THE APTS
1 PRANGE O E
2 LONG FRANCIS L 637-4850
3 INLOW INA
4 SANDS CLIFF
5 NO RETURN
6 KOSTAROES VICTORIA
7 GEROULIS GEORGIA D 631-6373
426 FRAKES ELECTRIC CO INC CONTRS 638-1594
429 VACANT
431 HUGHES ETHEL V
434 NO RETURN
437 SOWDER ROBT D • 632-7159
439 QUICK FASTENER CO 637-2738
QUICK RADIATOR SERVICE REPR 637-5195

432
---EAST INTERSECTS
512 BADER MARY MRS • 636-6808
516 VACANT
519 VACANT
520 APARTMENTS
1 RENE FRANK
2 VACANT
3 ELLIOTT OAVIO
4 VACANT
5 VACANT
6 VACANT
7 VACANT
8 ROSA JOSEPH
9 SEEBREE OAVID
521 NO RETURN
523 NO RETURN
524 OOUB THOS 638-6110
529 TURNER BETTY MRS
531 NOLAN BEN
532 VACANT
536 VACANT
540 PAGE ALF
541 MOROOH REALTY CO 637-5622
544 MILLER J C
REAR LONG JESSIE E
---PARK AV INTERSECTS
601 ZDENEK'S GROCERY 631-4660
602 VACANT
608 VACANT
610 LONG ROGER
REAR CONLEY WALTER A
613 WALLACE FLOYD • 636-3654
616 OWENS LEWIS •
621 WALLACE JOSEPH
631 ACE BEVERAGE CO INC BEER DISTR 636-4567
634 SANDERS TRAILER RENTAL 637-3833
638 WOOO ETHEL M MRS 632-0370
640 MC GINNESS AGNES MRS 636-4140
740½ GUTHRIDGE DOCHA
656 MINET GLENN BARBER
658 VACANT
660 VACANT
---COLLEGE INTERSECTS
711 VACANT
713 VACANT
---SPRING INTERSECTS
719 APARTMENTS
1 CRABTREE LELA L
2 LEE EULA M
3 STROTHER DESSA
4 MIZE LLOYO
723 NO RETURN
725 TURNER LONNIE 637-5658
---FULTON INTERSECTS
743 CONOON CORNER TAVERN 637-0824
---DAVIOSON INTERSECTS
801 WAKE UP SYSTEM INC GAS STA 639-0729
802 RIGGS SUPER MARKET 632-4764
821 VACANT
823 VACANT
---PINE INTERSECTS
901 HOME LUMBER & SUPPLY CO THE 637-4561
914 COCHRAN OLLIE
920 CAPITOL CITY FENCE CO 638-3381
---PENN CENTRAL RR CROSSES

438
---CCC&STL RY CROSSES
1001 GRIFFIN.SCHAAB WHOLESALE INC BLDG MATLS 636-2457
1009 PHARIS AUTO SALES USEO CARS 632-5823
1030 PEPSI-COLA BOTTLING CO OF INOIANAPOLIS 632-3464
---OORMAN INTERSECTS
1101 HIGHLANO PARK
1150 TAYLOR HERBERT M INT DEC • 637-5692
---HIGHLAND AV INTERSECTS
1200 ORAKE'S APPLIANCE SERVICE INC 637-5311
1205 DRAKE'S APPLIANCE SERV (STGE)
1206 PHILLIPS ERNEST
1207 VACANT
1209 GAVAGHAN JAMES J • 637-1073
1210 POREMBECKI JOHN •
1214 LAWSON WM 638-4051
1215 CATRON FRED 638-9535
1215½ VACANT
1217 ELLIS ROBT
1217½ BERNARD BESSIE M 631-5393
1218 NO RETURN
1221 FENTON MARGT M MRS • 637-7206
1222 PRICE GEO G 638-0726
JONES PHILLIP
1301 KRAMER MAXINE
1302 JONES AGNES MRS 638-7743
JONES EUG • 638-9608
1305 HOWARO PAUL R 632-2284
1306 NEOEFF JAMES G LWYR • 637-4289
1309 MURRAY DEWEY W 632-7253
1310 COVERT EVERETT
1311 EOWARDS ORA
1312 VACANT
1313 WELLS FLORENCE MRS • 637-8616
1314 LUSK ROBT E • 631-6904
1317 VACANT
1318 THOMAS CARRIE L MRS 639-1831
1321 LEAP CLEO MRS 636-7545
1322 STRAW CORINNE MRS • 637-9126
---ORIENTAL INTERSECTS

439
---ORIENTAL INTERSECTS
1401 GRIFFIN NORA M MRS • 631-9820
1402 NO RETURN
1403 HENSLU DOLPH
1404 WOOO JERRY
1405 PHILLIPS CHESTER
1406 NO RETURN
1409 BAKER ROBT E 631-7970
1410 DOCKERY JERRY M 637-8619
1413 BRAY ROBT J
1414 BLAKLEY PAYNE 638-0492
1414½ MONTGOMERY RON
1415 CUNNINGHAM LILBURN
1415½ HARRIS BONNIE M MRS
1417 WICKLINE ROBT
1419 PENNELL BILLY J 635-7210
1421 VACANT
1422 LEONARD MARGT MRS • 638-5033
1423 ANOERSON JAMES E
1425 BOGARD NORMAN K • 635-0279
1427 HUNT RANOAL
1427½ BONNER INEZ
1429 BROWN FREO W • 637-1091
1430 WINN PHILLP
1431 PROSSER JAMES L JR
1432 VACANT
1433 WALTERS GENE
1435 ROSENBARGER GEO A
1438 CODY EDMUND
---ARSENAL AV INTERSECTS
1531 GRINSTEINER FUNERAL HOME (PARKING LOT)
---SUMMIT INTERSECTS
1601 GRINSTEINER FUNERAL HOME INC 632-5374
MC REYNOLOS ANN
1621 MOSIMAN L & CORP FURN MFRS 636-4445
1630 MARSH FOOO MARKET (BR) 636-5765
1638 ROSELYN BAKERIES INC STORE NO 21 634-7966
1642 HOOK DRUGS INC (BR) 631-5829
---STATE AV INTERSECTS
1700 STANOARO FOOO MARKET GRO
1701 AOAIR TEXACO 632-0589
1717 MURPHY'S SEVENTEEN-SEVENTEEN CLUB 634-0084
MURPHY OAVIO
---WALCOTT INTERSECTS
1818 SWAN FIVE HOUR CLEANERS (BR)
1825 RAY'S FOREIGN CAR SERVICE 637-8356

440
---PARKVIEW AV ENOS
---RANOOLPH INTERSECTS
---HENDRICKS PL ENDS
2030 HOOVER RONALO L
2032 HINES IRENE V MRS 635-5050
2036 GILLESPIE JAMES
---HAMILTON AV INTERSECTS
2115 BRIGGS CARRIE
2151 PEARCE LIGHTING MANUFACTURING & DESIGN 636-3761
PEARCE JOE & ASSOCIATES LIGHTING CONSULTANTS 636-3761
2153 STADLER SHOE SERVICE
2155 IMOGENE'S BEAUTY SHOP 636-2807
2157 EASTSIDE PENTECOSTAL CHURCH
2159 OOC'S MARKET GRO 639-1704
2161 BRADY'S BARBER SHOP
---JEFFERSON AV INTERSECTS
2201 DE POY CLELLAH MRS • 632-2868
2202 SMALLWOOO OAVID
2203 VACANT
2203½ TALKINGTON EONA 636-0636
2204 KENNEOY BETTY MRS 636-695
2205 TUCKER EDITH M
2205½ VACANT
2207 MYERS JIM
2209 BURTON DONALO G
2209½ DAVIS OELMER
2210 HAVEN KATH
2211 JOHNSON MOODY L 631-7728
2211½ BURCHFIELO FRANKLIN B 638-5023
2212 JONES NANNIE M
2215 HOLLINGSWORTH RILEY E 638-3735
2219 COSSEY KATH M •
2222 JACKSON'S SERVICE STATION 637-0815
2229 COSSEY'S ONE STOP STATION 631-5010
---BEVILLE AV INTERSECTS
2305 ALLEY BEDFORD • 631-0001
2308 BAIRD MAE • 634-1737
2309 FRANKLIN HOSIE L • 638-3164
2312 BRANT SUDA C MRS • 632-4976
2315 SCHUBERT HENRIETTA MRS 632-5708
2316 NOELLE ELIZ G MRS NURSE 632-4249
2325 M & K LIQUOR STORE

---KEYSTONE AV INTERSECTS
2401 SITE OIL CO GAS STA 637-0057
2415 KEISKER DAIRY QUEEN 638-3967
2416 BOYD & CURRY MEAT MARKET 631-5687
THOMAS MARKET 636-7531
2425 NATIONAL LIFE & ACCIDENT INSURANCE CO 637-1591
---FOREST AV INTERSECTS
---TACOMA AV INTERSECTS
---TEMPLE AV INTERSECTS
2601 EAST PARK METHODIST CHUR
2611 NO RETURN
2621 LIPP WM O REV 638-5880
---EASTERN AV INTERSECTS
2702 NO RETURN
2704 NO RETURN
2706 MULKEY KATHY 636-4114
2710 HILLEBRAND CLARA E • 631-5632
2713 HOT OIL MASSAGE STUDIO 637-1744
2714 HEIDENREICH SHARON L
2716 HARTLEY CHARLES
2718 NO RETURN
2720 APARTMENTS
1 GREINER BARBARA MRS 636-2178
2 UNDERWOOD FLOYD
2 SMITH RONALD F
4 LUMMIS DOROTHY L MRS 632-5128
2726 EAST NEW YORK LAUNDROMAT
2727 OLDHAM & SON STANDARD SI 636-0651
---RURAL INTERSECTS

---RURAL INTERSECTS
2801 EAST NEW YORK SHELL SER 638-1773
2810 CITY MOTOR MART USED CA 637-3349
2817 BURK FRANK
2818 GERTRUDE'S BEAUTY SHOP LUTES THOS J • 636-2119
2819 VACANT

INDUSTRIAL HEAT TREATING and METALLURGICAL CO. INC.
HEAT TREATING — NON-DESTRUCTIVE TESTING
2131 NORTHWESTERN AVE. 46207
TEL. 924-4321

ROADWAYS INC.
2100 S. HARDING ST.
MAILING ADDRESS P.O. BOX 21043
TEL. 637-55

Excelsior
Make One Call Do It — Phone MElrose 5-3591
LAUNDRY — DRY CLEANING — FUR and BOX STORAGE
SHIRT-A-DAY RENTAL PLAN
"Berlou Moth Proofing Service"
840 N. New Jersey St.
1430 Broad Ripple Ave.
2736 Lafayette Rd.
2625 Madison Ave.
2252 E. 38th St.
2967 N. Illinois St.

NEW JERSEY S—Contd
960 Kennedy Ancie J ME2-0317
1001 Hampton Leroy
1002 Reed Clark K
1002½ Maggard Verneda Mrs ME2-0107
1003 Frazier Anna M Mrs ⊛
1005 Brooks Bertha A Mrs ⊛ ME6-8109
1006 White Claude W ⊛ ME6-8187
1007 Brooks Edw F ME1-9460
1009 Okey Geo J ⊛ ME1-2409
1010 Wampner John H ⊛ ME7-6376
1013 Bollinger Wm
1014 Vacant
1015 Combs Pearl
1017 McIlah Chas
1018 Spadorcia Mary B Mrs ⊛
1020 Carr Chas
1021 Baker Alice ME1-4816
1022 Hemphill Evelyn Mrs ME5-2080
1023 Skaggs Garland D ME6-3946
1024 Hemphill Loren A
1025 Browning Nolan ⊛
1026 Wright John F ⊛ ME8-0542
1028 Maxwell Geo A
Woodlawn av intersects
1030 Baker Theo R ⊛ ME7-4707
1032 Vacant
1035 Mays Jesse ME1-0123
1035½ Winton John O ME5-7370
1038 Davidson Nora Mrs ⊛ ME6-6126
1040 Curtis Anne B Mrs
60B
Prospect intersects
Sanders intersects
Orange intersects
Parkway av intersects
Terrace av intersects
1342 Vacant
1402 Finley Thelma A Mrs ME8-9658
1403 Eaton Mary L Mrs ME1-3833
1407 Huber Aug C ME6-6191
1409 Nunn Robt A
1409½ Vacant
1410 Miller Flora ⊛ ME7-3647
1411 Koch Fred A ⊛ ME7-9503
1412 Williams Donald ME8-5833
1413 Vacant
1414 Miller Ada S Mrs ⊛ ME7-8332
1415 Meldrum Harry J ME1-9021
1417 Paxton Richd L ⊛ ME9-1957
1418 Stevens Neil ⊛
1420 Myers John E ⊛ ME1-7046
1421 Morris Edw ⊛
1422 Deffart Ray
1424 Wilson Robt F ⊛ ME8-7280
1424½ Brady Donald
1425 Mullen Verena V Mrs ⊛ ME6-8630
1428 Amonett Robt A ME7-7339
1429 Zimmerman Clarence H ⊛ ME7-5769
1432 Riggsbee Pearl R Mrs ⊛ ME8-4793
1433 Lane Mezella B Mrs ⊛ ME8-9401
1435 Ritchey John C ⊛ ME6-1856
1436 Kelly Patk ⊛ ME1-7277
1436½ Plumlee Lila S Mrs ME1-6435
1439 Sibley Howard J ⊛ ME6-0977
1440 Johnson John O jr ME8-0381
1440½ Freund Bertha H Mrs ⊛ ME7-7816
1441 Colvin Ralph ME8-9795
1502 Vacant
1506 Clark Glenn H ⊛ ME2-1244
1507 Milliken Arth ⊛ ME7-6657
1509 Tookes Rose M Mrs ME1-0097
1510 Lanuzzi Frank ME1-0886
1513 Church Alvie S ME6-6818
1514 White Bedford H
1515 Putnam Pearl I Mrs ME6-7535
1519 Speth Louis N ⊛ ME7-6671
1519 Heid Geo V ME6-6665
1525 Bloecher Wayne
1526 Hagedorn Lois ⊛ ME6-0107
1531 Reese Jas D ⊛ ME7-0237
1537 Hinz Eliz M ⊛ ME7-0257
1538 Welmer Clara M Mrs ⊛ ME1-9411
1539 Kemmerer Clara Mrs ME7-4695
1542 Otting Fred C ME2-9136
1545 Klopfenstein Fern
1546 Welmer Fred E ⊛ acct ME1-4312
1549 Holmes Sonja
1551 Eulow Arth R ⊛
1555 Kelley Jean K ME7-5282
1555½ Vacant
Lincoln intersects
62A
LeGrande av intersects
2130 Schlueter Herbert C ⊛ ST7-2017
2134 Carpenter Walter C ⊛ ST6-4712
2137 Ridge Ilene Mrs ST7-7353
2138 Sherman Margt Mrs ⊛ ST4-2924
2139 Shockley Max D
2141 Reeves Robt L
2142 Cuthbertson Richd A
2143 Cuthbert Norman L
2145 Tucker Chas H
2146 Caulk Jas R ⊛ ST7-0363
2147 Cuthbertson Chas ST6-6554
2149 Mcculie John V
2150 Sauer Wm C ⊛ ST4-9407
2153 Fox Ras D ⊛
2154 Hylton Faye ST6-0334
2157 Kempe Rudolph W ST6-5060
2158 Howe Harold H ⊛ ST4-9071
2161 Merklin Walter H tire vulcanizer ST4-3801
2161½ Thompson Ida M Mrs ⊛
2162 Smith Marvin C ST4-1410
2164 Murphey Darrell A ST6-4639
2165 Gigerich Wm M ⊛ ST4-3465
2166 Flannigan Wm
2168 Kerner Paul E ST6-7867
Raymond intersects
62B
2501 Litzelman Olivia S Mrs ⊛ ST4-3498
2502 Adams Wm T ⊛ ST4-5161
2505 Carnine Carl W ⊛ ST4-2000
2506 Faust Wm B ⊛ ST4-9227
2509 Kane Francis E ⊛ ST6-3501
Kane Ruth Beauty Shop ST6-3501
2510 Warren Richd E ⊛ ST7-7404
2514 Huppe Herman F ⊛ ST4-9401
2515 Barlow Hubert B ⊛ ST6-4956
2517 Probst Henry S ⊛ ST4-2902
2518 Patterson Donald F ⊛ ST4-9548
2523 Coshow Emory E ⊛ ST4-8446
2524 Perry Chas B ⊛ ST6-8459
2525 Kahn Walter R ⊛ ST6-0728
2528 Thomas Marshall H ⊛ ST6-0332
2531 Gahimer Albert N ⊛ ST6-2538
2532 Heller Elroy ⊛ ST4-5078
2535 Roembke Fred W ⊛ ST4-4309
2538 Burkert Edw J ⊛ ST4-7263

2B5
NEW YORK E—From 301 N Meridian east to Emerson av and from Audubon rd to Arlington av
Pennsylvania intersects
121 Illinois Georgia Parking Corp (parking lot)
126 Indpls Star-News (parking lot)
130 One Thirty Bldg
Ind Assn of Credit Men's Serv Inc ME2-4444
One Thirty E New York Realty Corp ME2-4444
132 Skeffington's Formal Wear Inc ME4-1583
136 Mallory Parking Lot
Delaware intersects
Massachusetts av intersects
205 Spann Bldg Apts
207 Manpower Agcy (stge)
209 Blue Ridge Finance Co loans ME4-4566
211-15 Agricultural Bldg
Roberts W S Engineering Co Inc ME7-7668
Rooms:
100-03 Ind Cancer Soc Inc (div Am Cancer Soc) ME7-3581
101-03 Hohlt E F & Assoc Inc real est ME8-6471
110 US Farmers Home Admn (agrl dept) ME3-7101
112 McCormack W Ray adv novelties ME4-9546
114 Warner Bros Pictures film distrs ME4-3581
200-08 USMC Recruiting Sta ME3-7666
211-15 USN Recruiting Sta ME3-8803
301 US Marine Corps pub info ofc ME3-7666
302 USMC Ofcr Selection Ofc ME3-8464
303 USN (stge)
304 Venus Advertising Agcy ME4-5311
306-07-11 Vacant
308 Venus Arts coml ME4-5311
310 Remington Rand Microfilm Serv MI7-6104
312-16 Vacant
Street continued
212 Indpls Star-News (parking lot)
218 Plastics Exclusive Distributors ME4-9054
219-27 Pavy's Tire Co ME5-0766
Hudson intersects
236-44 Vacant
2B6
Alabama intersects
301 City Fire Dept Hqs ME7-4030
Fire Dept Sta No 7 ME7-4030
Fire Dept Pension Fund ME7-3816
Fire Dept Prevention Bureau ME7-4033
Fire Alarm Ofc ME4-1413
302 Perry Orville barber
304-06 Vienna The apts
1 Hartlage Merle Mrs ME1-7347
2 White Eliz A Mrs ME7-9146
3 Vacant
4 Vacant
5 Smith Irene M Mrs ME2-6803
6 Jorio Marie K Mrs ME4-5984
7 Vacant
8 Bell Fannie L Mrs
9 Newman Corda ME1-8278
10 Young Estil
11 Vacant
12 Owen Floyd A ME7-7522
308 Stellnecker Walter
310 Farris Leona D Mrs
314 Alanew Club AA ME2-0601
O'Neal Rose Mrs
319-27 Municipal Garage
322 Fifty Fifty Club ME7-0851
324 Indpls Senior Citizens Center ME4-2857
Ogden intersects
327 Civil Defense Police Emergency Unit ME5-8759
350 Eneo Serv Sta gas sta ME7-0061
New Jersey intersects
401 Radiotelephone Co of Ind Inc ME4-4435
Radiotelephone Sls & Serv Inc ME4-4435
402-04 Conrad Apts
1 Grinstead Emma B Mrs ME8-9392
2 Young Martin O
3 Lee Tom
4 Vacant
5 Trefault Gaston E ME1-3587
6 Beard Donald G ME4-2605
7 Maxwell Chas
8 Rose Kenneth F ME6-1384
9 Hopkins Elsie ME7-3208
10 Koehne Agnes ME8-6944
11 Gibbons Rose V
12 McCorkey James
14 Vacant
15 Migliano Vincent J ME1-7512
16 Collins Stella M
17 Snyder Nora C Mrs
18 Vacant
19 Vacant
406 Power Brake Exchange ME5-7161
422 Nik-O-Lok Co lock mfrs ME9-3516
Standard Change-Makers Inc mfrs ME9-3423
Cleveland intersects
425 Roslyn The apts
1 Kostarides Pete ⊛ ME7-1114
2 Long Francis L ME7-4850
3 Enlow C Nina Mrs ME1-5473
4 McConnell Jesse F ME8-9869
5 Elsey Pearl M ME8-9962
6 Bonham Helen
7 Garner Floyd ME2-0310
426-30 Frakes Elec Co Inc contrs ME8-1594
429 Skibinski Rose ME2-6769
434 Carson Clark ⊛ ME1-6201
437 Sowder Robt D ⊛ ME2-7159
439 Elec Repr & Mtce Co Inc ME4-2923
18A
East intersects
512 Bader Mary ⊛ ME6-6808
515 Vacant
516 O'Brian James
517 McPherson Wm
519 Vacant
520 Apartments
1 Rene Frank ⊛
2 Vacant
3 Sprague James
4 Vacant
5 Cox Bessie
6 Vacant
7 Davis Jesse
8 Newlin Pearl Mrs
9 Vacant
Street continued
521 Vacant
523 Hall Raymond E ME6-8273
524 Doub Thos ⊛ ME8-6110
527 Dillon Robt
528 Perrine Ross B
529 Morgan Irene Mrs ME2-7837
531 Marshall Helen Mrs ⊛ ME1-3827
532 Testemant, Henderson G
536 Wagers Paul ME7-9987
540 Lester Venna I. Mrs ⊛ ME1-3025
541 New York Street Mtrs Inc used cars ME7-5622
Mordoh Realty Co ME7-5622
541 Maldwell Robt L
rear Bullington Denton
Park av intersects
601 Zdenek's Gro ME1-4660
Zdenek Karl W ME1-4660
602-04 Allen's Auto Serv repr ME8-8779
605 Thompson Claude E ME1-7581
608 Thompson Frank D
609 Stevens Floyd
609½ Vacant
610 Peacock Chas
rear Collins James B
611-11½ Vacant
613-15 Wallace Floyd ⊛ ME6-3654
619-21 Wodzinski Zygmunt J ⊛
631 Acc Beverage Co Inc beer distr ME6-4567
634 Sanders Trailer Co rentals ME7-3833
638 Wood Ethel M Mrs ME2-0370
640 McGinness Agnes Mrs ME6-4140
656 Minet Glenn barber
658 Derler Cash Reg Sls stge
660 Ch of the Nazarene Mission ME1-5281
Noble intersects
702 New York St Bar tavern ME2-0414
702½ Custer Chas
704 New York Grill restr
709 Hiselman Harvey L ⊛ ME8-2265
710 Vacant
711 Vacant
713 Richardson Edw
714 Flynn Eliz M Mrs ⊛ ME8-5988
715 Evans Arley
719 Apartments
1 Cooney Blanche B Mrs
2 Lines Irene M Mrs real est ME7-4168
3 Vacant
4 Vacant
Street continued
723 Vacant
725 Phillips Durrell C ME1-7941
Fulton intersects
740 Summers Herman J
740½ Colbert Clyde W
743-45 S & S Tavern ME7-0824
Davidson intersects
801 Wake Up System Inc (br) gas sta ME1-3619
802 Riggs Super Mkt gro ME2-4784
817 Ford Russell D ⊛ ME7-1981
818 Brown John H ⊛
821 Webb Lloyd
823 Rentsch Fred O ⊛
825 Vacant
827 Whitt Virgie Mrs ⊛ ME8-1080
831 Vacant
Pine intersects
901 Home Lbr & Supply Co ME7-4561
914 Gilbert Bertha
920 Griffin Schaab Whol Inc lbr ME6-2457
20A
CCC&StLRy crosses
1001 Tripp Whse Co ME7-1466
Kohnstamm H & Co Inc chem mfg ME6-8619
Evans Harbar Products Co bldg materials ME7-3434
Oakite Products Inc cln compound ME7-1466
1009 Wenz Alf H gas sta ME7-0932
1030 Pepsi Cola Bldg Co of Indpls ME2-3464
Dorman intersects
1101 Highland Park
1150 Taylor Herbert M ⊛ ME7-5692
Highland av intersects
1200 Drake's Refgr Serv Inc ME7-5311
1205 Drake's Refgr Appl Store (stge)
1206 McCauley Joseph
1206½ No Return
1209 Gavaghan Jas J ⊛ ME7-1073
1210 Porembecki John
1210½ Vacant
1214 Mize Ronald
1215 Emery John W ME6-6207
1215½ Nelson Fannie M Mrs ME6-2060
1217 Johnson Cath Mrs
1217½ Stanifer Gladys P Mrs
1218 Keppel Margurite Mrs ⊛
1221 Fenton Margt M Mrs ME7-4151
1222 Jones Agnes Mrs ME8-7743
Pake Grace E Mrs ME7-3096
1301 Connor Madeline S Mrs ME6-8459
1302 Jones Eug jr ME8-9608
Hamilton Edw
Hoosier Painting Co ME4-2092
1305 Lockard Dorothy G Mrs ⊛ ME6-9289
1306 Nedeff Jas G ⊛ lwyr ME7-4289
1309 Vacant
1310 Thurman Romona Mrs
1311 Dodge Edna Mrs ME6-0141
1312 Stanifer David C
1313 Wells Saml E ME7-8616
1314 Vacant
1315 Murphy Martin ME6-5889
1317 Kelly Chas E ⊛ ME2-9644
1318 Thomas Jas L ⊛ ME9-1831
1321 Leap Lester ⊛ ME6-7545
1322 Straw Corinne Mrs ⊛ ME7-9126
Oriental intersects
20B
1401 Griffin Nora M Mrs ⊛ ME1-0820
1402 No Return
1403 Liford David
1404 Mahoney James H
1405 Jones John ME8-7761
1406 Groves Beulah F Mrs ME2-7869
1409 Reilly Mary J ⊛ ME7-3066
1410 Vaughn Arnold
1413 No Return
1414 Burch Carl V ⊛ ME2-7908
Setola Harry ME7-2823
1414½ Dillahay Roy D ME7-9043
1415 Sircy James D
1415½ Gutzsell Ambrose ⊛
1417 King Lawrence L ⊛ ME9-1484
1418 Vacant
1419 Gutzsell Ambrose W ME6-8781

F. H. LANGSENKAMP CO.
OUR 97th YEAR
REFRIGERATION — HEATING — MATERIAL HANDLING EQUIPMENT
229-37 E. SOUTH ST.
TEL. MElrose 6-4321

AID TELEVISION
SALES, SERVICE AND RENTALS
4145 N. College Av. (5)
Tel. WAlnut 3-2478

KING & KING FUNERAL DIRECTORS
MOTTO: "Courtesy, Quality, Service, Always"—LADY ATTENDANT—AMBULANCE SERVICE
1503 COLUMBIA AVE. (2)
PHONE MElrose 8-2324

NEW JERSEY N—Contd
3839ΔChamberlin Harry O ◎
3843ΔBerry Claude E ◎
3844ΔWalker Howard J ◎
3855ΔMartenet Simon J ◎
3858ΔBroffitt Wilgus S ◎
3859ΔJacobsen Hans C ◎
3861ΔStair Lelia K Mrs ◎
3864ΔCrow Esther E Mrs ◎
3902ΔBuckingham Helene F Mrs ◎
3903ΔFrank Wm R ◎
3906ΔCohn Abr ◎
3907ΔStudor Ward L ◎
3909ΔNeely Phillip E
3914ΔThomas Fred A ◎
3915ΔNeale Blanche A ◎
3917ΔSullivan Margt D ◎
3918ΔVellanda Albert ◎
3920ΔPace Bert M ◎
3921ΔBolles Hebert W Rev
3924ΔKeller John M ◎
3940ΔGrubb Ada H Mrs ◎
3945ΔOliver Fred C ◎
3949ΔHaffner Alma M Mrs ◎
3953ΔBeadell Henry A ◎
3957ΔBlackwell Marguerite G Mrs ◎
3962ΔBaker Velma F Mrs ◎
3964ΔJackson Robt O ◎
3967ΔNelson Jack ◎
3969ΔCampbell Richd H ◎
40th intersects
4002ΔAbramson Herman ◎
4003ΔBean Harold E ◎
4009ΔO'Neil Thos W ◎
4010ΔWeinmann Harold J ◎
4014ΔIttenbach Ralph G ◎
4015ΔReich Florence Mrs ◎
4019ΔFrommeyer Henry L jr ◎
4020ΔWilson H Jos ◎
4021ΔMaltzman Julius G ◎
4022ΔWagner John P ◎
4025ΔFuller Chas J ◎
4026ΔWalker Kirke W ◎
4029ΔGroske Stanley F ◎
4040ΔMoore Della V Mrs ◎
4048ΔRusie Helen G Mrs ◎
4051ΔTrais Morris ◎
4057ΔUhl Susan Mrs ◎
4063ΔRockwell Harvey P jr ◎
4065ΔFletcher Francis J ◎
41st intersects
10C
5123ΔJones Howard M
5125ΔJones Herbert J
5132ΔManion Marlow W ◎
5133ΔBarton Miles S ◎
5136ΔBeyer Frederic J A ◎
5137ΔBrown Robt H ◎
5140ΔLuckett Thos K ◎
5141ΔMcCarty C Walter ◎
5145ΔMiller C Raymond ◎
5151ΔButler John L ◎
5155ΔFederman Margt K Mrs ◎
5157ΔKnowles J Wm ◎
12
52d intersects
5201ΔEdington Harley N ◎ real est
5202ΔBerry Anne H Mrs ◎
5207 Vacant
5210ΔTalesnick Morris ◎
5215ΔWalton R Luke ◎
5216ΔMcWhir Hazel H Mrs ◎
5219ΔRansel J Edw ◎
5222 Vacant
5225ΔMorrison Wm E ◎
5228ΔPhillippi Wendell C ◎
5234ΔSchnackel Chas A ◎
5235ΔHughes Robt B ◎
5238ΔReinhardt Henry R ◎
5241ΔBurke T Allbe ◎
5245ΔTittsworth Thos D ◎
5246ΔKintz M Wm ◎
5249ΔCost Wm A ◎
5250ΔEhrich Wm R ◎
5254ΔHorne Wm M ◎
5255ΔMcMahon Edw S ◎
5260ΔGreenc Walter F ◎
5265ΔCassell Jacob ◎
53d intersects
5301ΔPostma Richd L ◎
5302ΔFeeney Harry J ◎
5307ΔThompson Ralph F ◎
5312ΔPasso Albert H ◎
5313ΔOwens Robt H ◎
5316ΔScheigert Mabel I Mrs ◎
5319ΔPowell Nelson A ◎
5320ΔBrodbeck Edgar E ◎
5326ΔParker Mayn E ◎
5327ΔGrove Chauncey C ◎
5331ΔRaiaer Wallace R
5332ΔGrube Harry T ◎
5340ΔKoby Saml M ◎
5341ΔParker Ella H Mrs ◎
5346ΔHine Raymond E ◎
5347ΔBurke Eliz F Mrs ◎
5352ΔKennedy Geo W ◎
5353ΔLambert Rice W ◎
5355ΔBiller Ray L ◎
5360ΔDaugherty Chas E ◎
5364ΔBush Edw S ◎
5365ΔShirley Walter L jr ◎
54th intersects
5401ΔLamb Frank B ◎
5407ΔGarvey Wm H ◎
5410ΔCantwell Jas F ◎
5420ΔFechtman Hugo W ◎
5423ΔIrvin Chas L jr ◎
5424ΔMoore Clyde S Mrs ◎
5425ΔWestfall John B ◎
5429ΔBrock Otto S ◎
5430ΔFisk Sarah M Mrs ◎
5434ΔHamer Homer G ◎
5435ΔDean Belle N
5456ΔBracken H Bernard ◎
55th intersects
5734ΔHouk Robt E ◎
5736ΔVanHuysen Grant ◎
5743ΔO'Brien Wm H jr ◎
5744ΔVickery Edna M Mrs ◎
5750ΔBosson Robt N ◎
5751ΔMorrow Thurlow B ◎
5755ΔCountryman Irving B ◎
5763ΔClauser Earl D ◎
5768ΔOutealt Geo W ◎
5774ΔElrod Milton jr ◎
5775ΔDisque Stanley G ◎
5780ΔLemaux Irving W jr ◎
5786ΔLee Wallace O jr ◎
58th intersects
5801ΔDell Brooke C ◎
5802ΔAshby Ethel Mrs ◎
5807ΔReeves Hanson A ◎
5808ΔDorrah Orlan C ◎
5814ΔBoring Roger V ◎
5815ΔWischmeier Edw C ◎
5816ΔLawson Mary D Mrs ◎
5819ΔLewis Burnet B ◎
5820ΔLowe John D ◎
5821ΔHartman Jos E ◎
5829ΔMinnick Ralph O ◎
5830ΔKaplan Saml ◎
5839ΔBoldman Chas E ◎
5840ΔSkinner Robt N ◎
5841ΔBrolch Carl L ◎
5845ΔGelger Hans F & Assocs structural engs
ΔGelger Hans F ◎
5850ΔBurton Enoch D ◎
5852 Heathco Rosalie S Mrs ◎
5855ΔWood Ashton C ◎
5858ΔSmith Leonard A ◎
5859ΔWilliams Grover M ◎
5862ΔFisher John T ◎
5867ΔHendricks Fred A ◎
5868ΔSkelton Hovey B ◎
5869ΔFenstermaker Joyce J ◎
5874ΔJones Walter L ◎
5875ΔLyons Elsie M Mrs ◎
5879ΔMedlicott Arth ◎ mfrs agt
5880ΔCochrane Marie H Mrs ◎
5890ΔRybolt Harry H ◎
5891ΔSeastrom David A ◎
5892ΔHolycross Eliz Mrs
14A
E Kessler blvd intersects
5914ΔFindley Glenn F ◎
5922ΔWhinrey Richd E ◎
5926ΔThoms Helen M ◎
5931ΔYates Kenneth E ◎
5932ΔDecker Kenneth P ◎
5939ΔCrist Amelia Mrs ◎
5940ΔKing Kennard K ◎
5945ΔStalker Jas B jr
5946ΔLannin Wm D ◎
5949ΔFoerst Chester L ◎
5950ΔRessler Edwin P ◎
5955ΔChloupek Harold A ◎
5958ΔGrande Hyman F ◎
5959ΔOelander Gregerio ◎
5960ΔSchnorr Ray J ◎
5961ΔHoaston T Lewis ◎
5963ΔHughes David R ◎
5966ΔGernstein Sydney ◎
5972ΔTwente Robt A ◎
61st intersects

S6
NEW JERSEY S — From 400 E Washington south
2ΔKirkwood Cocktail Bar
4ΔInd Democratic Club
8ΔInd Democratic Publ Co Inc
10-12 Promotional Paint Sup Corp (stge)
12½ΔLinehan Robt E Post No 465 (Am Legion)
14 Promotional Paint & Sales Corp (stge)
16ΔVernon Studio photog
18ΔGlass John M Co foundry supplies
Pearl intersects
IVRy crosses
NYCRR crosses
Louisiana intersects
Virginia av intersects
302ΔInd Bell Tel Co (br)
208ΔBass Photo Co Inc coml photog
312ΔKatz Max Bag Co Inc mfrs
ΔKatz Max & Sons Realty Co Inc
ΔAlabama St Terminal Inc
315ΔCapitol Prod Co Inc whol fruits
317-21ΔRose Sam Inc produce
322ΔZiegler's Restr
323 Vacant
324ΔRay & Mascari Co Inc prod
325 Vacant
327 Vacant
331ΔLosche Theo & Sons Inc produce
340 Ray & Mascari Co Inc (whse)
S8B
South intersects
408-20ΔFrederick Apts
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Johnson Ann
7 Vacant
8 Vacant
9 Vacant
10 Vacant
11 No return
12 Vacant
Street continued
422-24ΔC & D Body Shop auto body repr
Stevens intersects
426 Corsaro Dani F
426½ΔMascari Jos M
428ΔCaito Jos fruits
430ΔCaito Gus F ◎
434-36ΔMidwest Greens Co Inc whol florist
ΔDelco Foods of Ind pizza sup
502ΔCaito Aug F
Henry intersects
510 Vacant
520 Vacant
531ΔScarbrough Jas
543ΔBrown Ernest H
543½Bratcher Abe T
545 Carnine Dorothy M Mrs
545½ΔHarris Verlia F Mrs
McCarty intersects
601 Vacant
610ΔBerkheimer G W Co htg contr
617 Tabernacle of God
619ΔMay Mildred I Mrs ◎
621ΔCarr Elmer J ◎
625ΔTucek Joe J ◎
629ΔDuvall Jas H ◎
633ΔPrice Jane Mrs ◎
637ΔEckhart Josephine ◎
645ΔColl Josephine G Mrs ◎
649ΔWortman John A ◎
653 Micell Frank
657ΔDorris Reglas W ◎
660 Vacant
661ΔLunday Vivian B Mrs
Norwood intersects
701 Lancaster Earl L
701½Carter Jennie
703 Derby Margt Mrs
703½ΔBorn L.e
713 Vacant
715ΔKoepper Hubert O
717ΔHarnack Russell W Rev
721ΔStPaul's Evangelical Lutheran Church
McCarty intersects
809 Carmer Gloria M Mrs
813ΔWolf Clifford L
813½Benefiel Kenneth P
817ΔKnott Chas L ◎
821ΔRay Michl G ◎
825ΔRay Ernest M
829 Vacant
833ΔSmith Melvin H
835ΔStout Robt T
Wyoming intersects
901 Giordano Rose Mrs ◎
901½ΔHughtt Vincene Mrs
902 Hibbard Melvin
902½No return
903 Wiggins Zina F ◎
906 Farmer Jas H ◎
906½ΔCoss Lola M Mrs
909ΔVermillion Leo P
910 Vizuso Marla
910½Wallace Earl
913 Quackenbush Clyde W
913½Stewart Charley E
914ΔRichey Lester T ◎
917ΔLombardo Aug ◎
918ΔCorcoran Harold V
922 Wallace Earl T
925ΔPennington Bertico ◎
926ΔAgee Carl W
rearΔBear Ethel M Mrs
929ΔAdolay Jos H
933 Hawks Ralph
934ΔPolly Raymond E carp
935 Palmer Kenneth O
Vicking intersects
936 Parks Oakley D
937 No return
938ΔCollins Alma F Mrs
939 Kermer Paul E
rear Gray Wilson D
940ΔTharp Kenneth W
941ΔCollins Chas ◎
944ΔPoehler Lelia F Mrs ◎
945ΔBurrello Roselynn Mrs
948ΔBoatman Roy ◎
951ΔTarter Frank ◎
952ΔRaia Bennie
953 Byers Morris D
955 Under construction
956 Plank Wm C ◎
957 Under construction
959 Brown Geo H
960ΔKennedy Aucil J ◎
1001 Hampton Leroy E ◎
1002 Bowles Earl H
1002½Conatser Juanita L Mrs
1003ΔFrazier Anna M Mrs ◎
1005ΔBrooks Bertha A Mrs ◎
1006 Clark Glen M Mrs
White Claude W ◎
1007ΔBrooks Edw
1009ΔOkey Geo J ◎
1010ΔWampner John H ◎
1013 Combs Pearl
1014ΔGreenwell John W ◎
1014½Campbell Mary A
1015 Vacant
1017 Shipp Jas B
1018ΔSpadorcia Mary B Mrs ◎
1020ΔEckels John R
1021ΔEacret Wm L
1022 Shears John
1023ΔHill Jas V
1024ΔStarnes Georgia Mrs
1025 Browning Nolan ◎
1026ΔWright John F ◎
1028ΔNorris Ralph E ◎
Woodlawn av intersects
1030ΔBaker Theo R ◎
1032 Vacant
1035ΔBonewits Austin E
1035½ΔTurner Barbara J Mrs
1038ΔDavidson Nora Mrs ◎
1040 Blankenship Leroy J
60B
Prospect intersects
Sanders intersects
Orange intersects
Parkway av intersects
Terrace av intersects
1342ΔDennemann Edw M
1402ΔFinley Robt I ◎
1403 Eaton Jas B
1407ΔHuber Aug C
1409 Wheat Chas R
1409½Terman Mark O
1410ΔMiller Flora Mrs
1411ΔKoch Fred A ◎
1412ΔMcCreary Jack L
1413ΔWilliams Alberta Mrs ◎
1414ΔMiller Ada F Mrs ◎
1415ΔMeldrum Harry J
1417ΔSchwarz Lillian Mrs ◎
1418ΔOverton Earl P
1420ΔMyers John E
1421ΔMorris Edw J ◎
1422ΔBeck Orlando B
1424 Rutherford Chas F
1424½ΔWilson Robt F ◎
1425ΔMullen Verena V Mrs ◎
1428ΔAmonett Robt A ◎
1429ΔZimmerman Clarence H ◎
1432ΔRyznar Louis
1433ΔLane Mezzella Mrs ◎
1435ΔRitchey John C ◎
1436ΔKelly Patk
1436½Plumbley Lila S
1439ΔSibley Howard J ◎
1440 Vacant
1440½ΔFreund Bertha H Mrs ◎
1441ΔMinton Eunice Mrs ◎
1502 Thompson Jas N ◎
1506ΔClark Glen H
1507ΔMillikan Arth R ◎
1509ΔCollins Jessie B Mrs
1510ΔIannuzzi Frank ◎
1513ΔChurch Alvie S
1514 Guth Edw ◎
1515ΔPutman Pearl S
1519ΔSpeth Louis N ◎
1520ΔAddison Rupert
1525 Jones Mary E Mrs
1526ΔHagedorn Lois ◎
1531ΔLoschky Anna Mrs ◎
1537ΔHinz Eliz M ◎
1538ΔWelmer Clara M Mrs
1539ΔKemmerer Clara Mrs
1542ΔOtting Fred C
1543ΔBenes Frank ◎
1545ΔElliott Maurice
1546ΔWelmer Fred E ◎ acct
1549ΔKelly Harriett K Mrs ◎
1551ΔHolmes Lee C ◎
1555ΔKrauss Henry ◎
1555½ΔKelly Jean Mrs
Lincoln intersects
62A
LeGrande av intersects
2121ΔGloger Otto C ◎
2122ΔWilkinson Ben E ◎
2125 Dwigans Jas J ◎
2126 Vacant
2129ΔHolmes Billy M
2130ΔSchlueter Herbert C ◎
2131 Knight Harold
2133 Hampton David
2134ΔCarpenter Walter C ◎
2135ΔBuckel Chas J ◎
2137ΔRidge Ilene
2138ΔSherman Frank ◎
2139ΔWilliams Jas G
2141 Reeves Walter W
2142 Dunlevy Jas ◎
2143ΔSandlin Ronald D
2145ΔSmith Frank ◎
2146ΔCaulk Jas R ◎
2147ΔCuthbertson Chas
2149ΔRooney Donald F
2150ΔBottum Mary A Mrs
2153ΔOtt Edw F ◎
2154 Teeters Magdalena M ◎
2157ΔKempe Mary Mrs
2158ΔHowe Harold H ◎
2161ΔMerklin Walter H tire vulcanizer
2161½Thompson Ida M Mrs ◎
2162ΔSmith Marvin C
2164 Caulk Helen Mrs
2165ΔGigerich Wm M ◎
2166 Vacant
2168ΔMays Etta P Mrs ◎
Raymond intersects
62B
2501ΔLitzelman Olizia Mrs ◎
2502ΔHoyt Alonzo H ◎
2505ΔCarnine Carl W ◎
2506ΔFaust Wm B ◎
2509ΔKane Francis E ◎
ΔKane Ruth Beauty Shop
2510ΔKelly Jas R
2514ΔHuppe Herman F ◎
2515ΔBarlow Hubert B ◎
2517ΔProbst Henry S ◎
2518ΔPatterson Donald F ◎
2523ΔTremp Wm P jr
2524ΔPerry Chas B ◎
2525ΔKahn Walter R ◎
2528ΔThomas Marshall H ◎
2531ΔGahimer Albert N ◎
2532ΔHeller Elroy ◎
2535ΔRoembke Fred W ◎
2538ΔBurkert Edw J ◎

2B5
NEW YORK E—From 301 N Meridian east to Emerson av and from Audubon rd to Arlington av
Pennsylvania intersects
123ΔPlastics Exclusives Distr
126 Indpls Star-News (parking lot)
127ΔPrice Printing Co
129 Markle's Tavern (rear ent)
130 One Thirty Bldg
ΔInd Assn of Credit Men's Serv Inc
131 Vacant
133 Tayson Mfg Co (rear ent)
134ΔChinese Club
135 Hess Duplicating Co (rear ent)
136 Halcyon The Apartments
bsmt Jeffers Geo
1 Vacant
2ΔJordan Calliopi Mrs
3 Vacant
4 Vacant
5 Vacant
6 Ervin Edna M
7 Woods Eunice G Mrs
8 Vacant
9 Vacant
11 Vacant
12 Vacant
15 Vacant
16 Vacant
17 Riddle Ida P Mrs
18 Vacant
19 Mathews H Margt greeting cards
Delaware intersects
Massachusetts av intersects
205 Spann Building Apts (side ent)
207 Kirby Sls (sls rm)
209ΔBlue Ridge Finance Co Inc loans
211-15 Agricultural Bldg
Rooms:
100-08ΔInd Cancer Society Inc
101-03ΔSurvad adv
101-05ΔUS Dept of Agrl Am Cancer Society (ofcs)
109ΔMarion County Cancer Unit
110ΔUS Farmers Home Admn
112 Vacant
114ΔWarner Bros Pictures film distrs
116 Vacant
200-08ΔUSMC Recruiting Sta
201-13ΔUSN Recruiting Sta
300 Vacant
301 Vacant
302ΔUSMC Ofcr Selection Ofc
303 Vacant
304 Vacant
305 Vacant
306 Vacant
307ΔFirst United Life Ins Co
308 Vacant
310 Vacant
312-14ΔSheehan Thos P Co consumers research
313 Vacant
317 Vacant
Street continued
212 Indpls Star-News (parking lot)
218 Vacant
219-27ΔPavy's Tire Co

NEW YORK E—Contd
Hudson intersects
236-38ΔCenter Township Trustee
244ΔEzell's Standard Serv gas sta
2B6
Alabama intersects
301ΔCity Fire Dept Hqs
ΔFire Dept Sta No 7
ΔFire Dept Pension Fund
ΔFire Dept Prevention Bureau
302 Vacant
304-06 Vienna The apts
1 Rahe Maude Mrs
2ΔWhite Chas L
3ΔBrennan Ethel Mrs
4ΔCrider Jos
5ΔSmith Irene M Mrs
6ΔQuinn Eliz
7 Trees Raymond
8 Bell Fannie L Mrs
9ΔNewman Corda
10 Vacant
11 Krames Harry
12ΔOwen Floyd A
308ΔEssex Fannie Mrs
310 Vacant
314ΔAlanew Club AA
319-27ΔMunicipal Garage
320 Vacant
322ΔFifty Fifty Club
324ΔMarion Co Democratic Central Committee
ΔDemocratic Central Committee of Indpls
Ogden intersects
329ΔHam Albert W
350ΔHoosier Pete Serv Sta (br) gas sta
New Jersey intersects
401ΔRadiotelephone Co of Ind Inc
402-04 Conrad Apartments
1ΔNaughton Helen
2ΔEagleson Nellie B Mrs
3 McKenney Beatrice T Mrs
4ΔGrinstead Emma B Mrs
5ΔWarren Lillie Mrs
6ΔAndrews Velma V Mrs
7ΔWeyman Florence Mrs
8 Vacant
9ΔHopkins Elsie
10ΔMiller Jane E
11 Gibbons Rose V
12ΔSpivey Gladieth L Mrs
14ΔWiecks Edw H
15ΔGreen Chas N pntr
16ΔCollins Stella M
17 Snyder Nora C Mrs
18ΔDodd Martha F
19 Vacant
Street continued
406ΔPower Brake Exchange
421ΔKostarides Pete ◎
422ΔNik-O-Lok Co (plant) lock mfrs
ΔStandard Change-Makers Inc mfrs
Cleveland intersects
425 Roslyn The apts
1 Vacant
2ΔLong Francis L
3ΔEnlow C Nina Mrs
4ΔMcConnell Pearl
5ΔElsey Pearl M
6 Hiers Mary L Mrs
7ΔGarner Floyd
Street continued
426-30ΔFrakes Elec Co Inc elec contrs
429-31ΔCarson Wilbur T ◎ furn rms
434ΔCarson Clark ◎
437ΔSowder Robt D ◎
439ΔBrambley & Son Sinclair Serv gas sta
18A
East intersects
501 No return
512ΔBader Mary ◎
ΔSmither Fred N
515 Hubbard John D
516ΔDrake Delma W T
517 Worley Austin
519 Hanshew Virgil E
520 Apartments
1ΔRene Frank
2 Davis Jesse
3 Rees Floyd E
4 Vacant
5 Tudor Myrtle
6 Vacant
7ΔDavis Robt L
8ΔNewlin Pearl Mrs
9 Fink Dorothy
Street continued
521ΔHeher Emma D Mrs ◎
523ΔHall Raymond E
Bryant Florence M Mrs
523½Bryant Jas B
524 Pickerill Millicent
527 Anderson Wm K
528ΔCarson Geo A ◎
529ΔMorgan Irene Mrs
531ΔMarshall Helen Mrs ◎
532 Shanks Carl L
536 Melton Dudley
540ΔLester Lou V Mrs ◎
541ΔNew York Street Motors Inc used cars
544 Maidwell Robt
rear Bullington Denton
Park av intersects
601ΔZdenek's gro Zdenek Karl W ◎
602-04ΔAllen's Auto Serv repr
605ΔThompson Claude E ◎
608 Bryant John
609 Johnson Dorothy Mrs
609½ΔHead John N
610ΔPeacock Chas V
611 Neace Jas
611½Matthews Effie M
613-15ΔWallace Floyd ◎
616 Owens Lewis ◎
619 Spradlin Gordon
621 Derwin Chas E
631ΔAce Beverage Co Inc beer distr
634ΔSanders Trailer Co rentals
638ΔWood Ethel M Mrs ◎
640ΔMcGinness Agnes Mrs ◎
656 Minet Glenn barber
658 Vacant
Noble intersects

LOANS LOANS
See Page 93 Buyers' Guide
719 STATE LIFE BLDG. Melrose 2-4358
347 BANKERS TRUST BLDG. Melrose 2-7554
FOR TAXES SEASONAL EXPENSES MEDICAL AND HOSPITAL BILLS HOME REPAIRS, CLOTHING, FUEL, EDUCATION CAR REPAIR PAY OLD BILLS EMERGENCIES
AMERICAN LOAN CO.

CAPITOL MOTORS
ESTABLISHED 1898
N. Capitol at Michigan — Phone Melrose 4-5394
PLYMOUTH

NEW JERSEY N—Contd
3243△Clapp Jessie T Mrs ◎ mus tchr
3246△Gard Myrtle M ◎
3249△Donnelly Patk L ◎
3250△Blackiidge Mildred E
3258△Stoops Wm T ◎
3263△Thomson Thoe H ◎ pntr
3264△Hene Wm W
3265△Hene Paul K
3266△Johnson Effla R Mre
3267△Ainsley Alica ◎
3269△Murrey Keth Mrs
3270△Holmes Donald ◎
3270½△Cooper Wm
33d intersects
3301△Windt Beulah F Mrs ◎
3302△Hees Alex
3304△Hickman Fred M ◎
3308△Wiggem Leland H ◎
3310△Stout Estella N Mre
△Kimbell Gertrude
3311△Brockway Canis E
3313△Prenge Elmer C ◎
3314△Jackman Leopold
3317△Cameron Jos A ◎
3318△Chappell Hurley H ◎
3320△Ferrell Neil J
3324△Ferrell Neil J jr ◎
3325△Shock Nyle W ◎
3328△Fenton Cassius M ◎
3333△Melrose Irene Mrs ◎
3334△Peek Claude O radio rep
3339△Grube Harry T ◎
3340△Swein Pauline Mrs ◎
3342△Seward Robt H
3343△Kiff Lyman M
3345△Highfield Wm
3347△Wagnar Walter J ◎
3348△Keesling Claude M ◎
3351△Rewlings Blanche B Mrs ◎
3352△Pierce Rechel M ◎
3353△Merrtman Maurica G
3354△Nigh Wm L ◎
3368△Sheck Hugh
3370△Haerle Ethel Mrs ◎
34th intersects
10
38th E intersects
3803△Grinsteiner Geo C
3811△Komitch Herman E
△Moore Natalie Mrs ◎
3816△Armstrong Marshall ◎
3817△Dauner Mary M Mrs ◎
3821△Davis Chas V ◎
3829△Shuck Don ◎
3830△Jackson Miller B ◎
3834△Coxan Orse B ◎
△Coxen Blanton A
3835△Gillespie Jos ◎
3837△Harmon Elias A
3839△Jeup Bernard H ◎
3843△Berry Claude E ◎
3844△Walker Howard J ◎
3855△Martenet Simon J ◎
3858△Brofflit Wilgue S ◎
3859△Jacobsen Hane C ◎
3861△Stair Clem ◎
3864△Crow Esther E Mrs ◎
3902△Buckingham Helene Mrs
3903△Kallin Orville K ◎
3906△Cohn Abr ◎
3907△Studor Werd L ◎
3908△Ritter Clara ◎
3914△Thomas Fred A ◎
3915△Neale Blencha A ◎
3917△Sullivan Margt D ◎
3918△Alger Clyde E ◎
3920△Connolly Paul J ◎
3921△Hixon C Edw
3924△Keller John M
3940△Grubb Ada D Mrs ◎
3945△Goldberg Ide Mrs ◎
3949△Haffner Alma M Mrs ◎
3953△Beedell Henry A ◎
3957△Blackwell Marguerite G Mre ◎
3962△Beker Velma F Mrs ◎
3964△Jackson Robt O ◎
3967△Nelson Jack ◎
3969△Campbell Richd H ◎
40th intersects
4002△Irvina John L
4003△Been Harold E
4009△Eoyd Alan C ◎
4010△Reppaport Philip ◎
4014△Ittenbach Ralph G ◎
4015△Reich Alf J ◎
4019△Frommeyer Henry L jr ◎
4020△Wilson J Jos ◎
4021△Maltzman Juliue ◎
4022△Wagner John P ◎
4025△Fuller Chas J ◎
4026△Gaskins M Arval
4029△Gorske Stanley F ◎
4040△Moore Della V Mrs ◎
4048△Rusie Carl J
4051△Trais Morris ◎
△Lichtenberg Nency ◎
4057△Uhl Susan Mrs ◎
4063△Rockwell Harvey P jr ◎ consulting eng
4065△Fletcher Francis J ◎
41st intersects
5123△Jones Howerd M
5125△Peterson Clyde L ◎
5132△Manion Marlow W ◎
5133△Barton Milas S ◎
5136△Beyer Frederic J A ◎
5137△Brown Robt H ◎ meats
5140△Luckett Thos K ◎
5141△McCarty C Walter ◎
5145△Miller C Raymond ◎
5151△Wood John H ◎
5155△Federman Margt K Mrs ◎
5157△Knowlee J Wm ◎
12
52d intersects
5201△Edington Herley N ◎
5202△Berry Anne H Mrs ◎
5207△Thomas Morris E ◎
5210△Talesnick Morris ◎
5215△Welton R Luke ◎
5216△McWhir Hazel H Mrs ◎
5219△Rensel J Edw ◎
5222△Beem Leol A
5225△Wissman Helen E ◎
5228△Phillippi Wendell C ◎
5234△Schnackel Chas A ◎
5235△French H Stuert ◎
5238△Cash Fay C ◎ real est
5241△Brown Leonard R ◎
5245△Beem Richd C ◎
5246△Beriet F Leslie ◎
5249△Cost Wm A ◎
5250△Ehrich Wm R ◎
5254△Horne Wm McH ◎
5255△McMahon Edw S ◎
5260△Greene Walter F ◎
5265△Cassell Jacob ◎
53d intersects
5301△Hamilton Flora A ◎
5302△Fecney Harry J ◎
5307△Thompson Ralph F ◎
5312△Schleicher Ole E Mrs ◎
5313△Peterson Burdatte N ◎
5316△Scheigert Mabel Mrs ◎
5319△Sargent Lance W ◎
5320△Brodbeck Edger E ◎
5326△Parker Mayne E ◎
5327△Grove Chauncey C ◎
5331△Shaffer Carl W ◎
5332△Kurtz Margt Mre ◎
5340△Koby Semi M ◎
5341△Parker Ella H Mrs ◎
5346△Hine Raymond E ◎
5347△Burka Eliz F Mre ◎
5352△Kennedy Geo W ◎
5353△Lambert Rice W ◎
5355△Biller Ray L ◎
5360△Daugherty Chas E ◎
5364△Bush Edw S ◎
5365△Rice Raymond M ◎
54th intersects
5401△Lamb Frank B ◎
5407△Garvey Wm H ◎ mfrs agt
5410△Grimes Florenca S Mrs
5420△Fechtman Hugo W ◎
5423△Irvin Chas L jr ◎
5424△Moore Clyde S Mre ◎
5425△Coffin Ross E ◎
5429△Brock Otto S ◎
5430△Northern Unitarian Church
△Hammon John K Rev
5434△Hutchinson Jes W ◎
5435△Dean Belia N ◎
5456△Linkert Howard W ◎
55th intersects
5734△Houk Robt E ◎
5736△VanHuysen Grant ◎
5743△Byrna Robt W ◎
5744△Vickery Edna M Mrs ◎
5750△Bossie Richd M ◎
5751△Morrow Thurlow B ◎
5755△Courtryman Irving B ◎
5763△Clauser Earl D ◎
5768△Outcalt Geo W ◎
5774△Elrod Milton jr ◎
5775△Disque Stanley G ◎
5780△Lemaux Irving W jr ◎
5786△Geisendorff Lawrence C ◎
58th intersects
5801△Dell Brooke C ◎
5802 Vecent
5807△Reeves Hanson A ◎
5808△Dorrah Orlan C ◎
5814△Roring Roger V ◎
5815△Wischmeier Edw C W
5816 Lawson Mary D Mrs
5819△Lewis Burnet B ◎
5820△Lowe Jack ◎
5821△Hartman Joe E ◎
5829△Peril Morris ◎
5830△Seligman Sally Mrs ◎
5839△Boldman Chas E ◎
5840△Lemcke Emily W ◎
5841△Brolch Carl L ◎
5845△Geiger Hans F ◎
5850△Burton Enoch D ◎
5852△Alley Jessia Mre ◎
5853△Wood Ashton C ◎
5858△Smith Leonerd A ◎
5859△Bragg Robt E ◎
5862△Fisher John T ◎
5867△DeMars Richd H ◎
5868△Skalton Hovey B ◎
5869△Marschke Wm A jr ◎
5874△Jones Walter L ◎
5875△Lyons Clyde O ◎
5879△Medlicott Arth ◎
5880△Cochrene Henry M ◎
5890△Rybolt Harry H ◎
5891 Vecent
5892△French Lucius S ◎
14
E Kesslar blvd intersects
5914△Findley Glenn F ◎
5922△Whinrey Richd E ◎
5926△Thoms Sophia B Mrs ◎
5931△Yatas Kenneth E ◎
5932△Decker Kenneth P ◎
5939△Jensen Curtis W ◎
5940△Kling Kennard ◎
5945△Sailker Jas B
5946△Spain Chas R Rev ◎
5949△Foerst Chester L ◎
5950△Reeeler Edwin P ◎
5955△Conlouper Harold A ◎
5956△Grande Hymen F ◎
5959△Burns Howard F ◎
5960△Carpenter Harry S ◎ bldg contr
5961△Underwood Edw J ◎
5966△Gernstein Sydney ◎
5972△Twenta Robt A ◎
61st intersects
56
NEW JERSEY S — From 400 E Washington south to Raymond
2-12 Vecant
12½△Linehan Robt E Post No 465 (Am Legion)
14△Indpe Window Clng Co garage
16 Am Art Producte (Stge)
18△Glase John M Co foundry supplies
Gless Wm H
Pearl intersects
IVRy crosses
NYCRR crossos
Loulsiana intersects
Virginia av intersects
302△Fadely Anderson Inc trucks
308-10△Base W H Photo Co Inc
312-16△Katz Max Bag Co
△Katz Max & Sons Realty Co Inc
△Alabama St Terminals Inc
315△Bova Fruit Co
317△Schaub Roger S Co
319-21△Bisesi Paul & Sons
320 Ray & Mascari (stge)
320-22△Pioneer Club tavern
323△Quack Albert C comm mer
324-26 Ray & Mascari Co comm mer
325 Market Men's Social Club Bldg
Mkt Mens Social Club
327△Capitol Produce Co comm mer
331△Loscha Theo & Sons Inc produce
333-35 No return
340△Fire Station No 30
58
South intersects
408-10△Frederick Apts
△Venezia Broe fruits
3△Anderson John
4△Boylan John R
5△Harrell Glenn
6△Vasteen Doneld
9-10△Venezia Anthony
11△Bowman Rudolph
12△Shockley Violet
E Empire intersects
422-24△Indianapolis Fruit Co
Stevens intersects
426 Corsero Dani
426½Mascari Jos
428△Calto Jos fruits
430△Calto Aug F ◎
434-36△Calto & Masceri Inc comm mers
Henry intersects
502△Calto Phillip jr
503△King Produce Co
510△Lampson Guy L
520△Chese Brass & Copper Co Inc
525 Miller Jae A
531△McNavin Anna E Mrs
543 Lucas Frank B
543½Vacant
545 Johnson Lola M Mrs
543½Reed Ruth
Merrill intersects
601 Adams & Co Inc (whsa)
609-19 Tabernacles of God
△May Nethen C Rev
610△McKelvey-Kell Inc Furn div ◎ uphol
616 Cook Arth L
616½French Merion F
620 Blythe Robt ◎
621 Vacant
624 Blythe Frank ◎
624½△Shower Fowler
625△Tucek Jos
626△Blythe Jessie L ◎
626½Kingery Ronald
628△Gray Stanley
629△Sweeney Owen C
632△Burrello Roselynn Mrs ◎
633△Price Wm T ◎
636 Childers David
637△Eckhart Josephine
638△Rogers Jas W
640△Provenzano Salvatore ◎
644△Rey Michl ◎
△McCollum Linden U ◎
645△Coll Josephina G Mrs ◎
648△Bruns Fred jr
649△Wortman John A ◎
652△Conyers Chas
653△Micell Providence Mrs ◎
656 Bryen Anna
rear△Riley Laura ◎
656 Edwards Buford A
657△Doris Regles ◎
660△Snyder Clara Mrs ◎
661△Lunday Vivian B Mrs
Norwood intersects
701 Biggere Dexter
Lathem Doneld L
701½Hermon Edw
703 Bigger Wm D
703½△Born Lea
713 Vacant
715△Koepper Hubert O
717△Harnack Ruesell W Rev
721 StPeul's Evangelical Lutheren Church
McCarty intersects
809△Burgess Wm A
813△Hillman Carl F ◎
817△Knott Chas L ◎
821△Ray Michl ◎
825 Delton Thos ◎
829△Horton Earl C
833△Powers Jack
835△Stout Robt T
Wyoming intersects
901 Giordeno Rose Mrs ◎
901½△Hugheet Vincane Mrs
902 Vecent
903 Lee Wm S
906△Corcoran Harold V
906½Foremen Alice
909△Vermillion Leo P
910△Calvert Tol D
rear Smith Glen
913△Cloyd Paul ◎
913½Powell Richd H
914△Richey Lester F ◎
917△Lombardo Aug ◎
918 Herford Fred T ◎
922△Miller Theo H
925△Pennington Bertico ◎
926 Brock Clerence R ◎
929△Adoley Joe H
933△Smyth Jessia B Mrs
rear Smythe Roberta L
934△Bok Herry A
935△Kriech Raymond C
Bicking intersects
936 Bova Rose J
937△Essex John F
938△Wolsiffer Kenneth
939△Gray Wm J
940△Jackman Welter H ◎
941△Collins Chae ◎
944△Poehler Re F ◎
945△White Ira W
948△Boatman Roy ◎
951 Terter Frank ◎
952△Reie Rosario R ◎
953 Vacent
956△Plenk Wm C ◎
959△Pigecella Frank
△Boren Bernerd W ◎
960△Kennedy Ansil J ◎
1001△Hampton Leroy ◎
1002△Pigecelle John ◎
1003△Frazier Henry H ◎
1005 Stellhorn Bernard A ◎
1006△Adamson Mabel Mrs
1007△Cheak Albert ◎
1009△Okey Geo J ◎
1010△Wampner John H ◎ carp
1013△Dirk Edw J ◎
1014△Greenwell John W ◎
1015 Worrall Geo M
1017 No return
1019 Vacant
1020 Bowles Earl H
1021△Mills Bobby
1018△Spadoria Mery Mrs ◎
1022△Norris Ralph E
1023△Potenya Carl G
1024△Starnes Georgia Mrs
1025 Scott Roy H ◎
1026 Tomlinson Minnie ◎
1028△Carter Edne P Mrs ◎
Woodlawn av intersects
1030△Moore Stanley A
1032△Heath Edw ◎
1033 Purdue Virgil N ◎
1035△Bollins J H Rev
1038△Davison Nora
1040△Minton Stanlay
60
Prospect intersects
Sanders intersects
Oranga intersects
Parkway av intersects
1342△Cosgrove Helen
Terrace av intersects
1402△Finley Robt I ◎
1403 Eaton Jae B
1407 Huber Aug C
1409△Scott Homer O
1409½Seylor Winford G
1410 Miller Flora Mrs
1411△Koch Fred A ◎
1412△Overton Leonard
1413△Fordyce Elmer M ◎
1414△Miller Forrest E ◎
1415△Meldrum Herry J
1417△Schwarz Ervin
1418 Overton Earl P
1420△Adams Wm L
1421△Morris Edw J ◎
1422△Martin Will E
1424 Kreutzberger Wm
rear Wilson Jas ◎
1425△Mullen Varana V Mre ◎
1428 Amonett Robt A ◎
1429△Zimmerman Clarence H ◎
1432△Wetzel Mary E Mrs ◎
1433△Lane Mazella
1435△Rickey John C ◎
1436△Kelly Petk
1436½△Tulley Ralph L
1439△Sibley Howard J ◎
1440△Mendel A C

NEW JERSEY S—Contd
1440½△Freund Bertha H ◎
1441△Roberte Helen Mrs ◎
1502△Holly Elwin E ◎
1506△Heck Edne Mre ◎
1506½LeFara Jae W
1507△Millikan Arth R ◎
1509△Collins Jes W
1510△Iennuzzi Frank ◎
1513△Church Alvie
1514 Guth Edw ◎
1515△Luckett Doneld E
1519△Sputh Louis N ◎
1520△Guth F Adolph ◎
1525△Davie Harley H ◎
1526△Faust Wm H ◎
1531△Loschky Anna Mre ◎
1537△Hinz Eliz M ◎
1538△Weimer Henry ◎
1539△Schnurr Wm J
1542△Otting Fred C ◎
1543△Benham Harrison
1545△Elliott Maurice
1546△Weimer Fred E ◎
1549 Kelly Jae
1551 Holmes Lee C
1555△Krauee Henry ◎
1555½Kelly Eetel
Lincoln intersects
62
LeGrande av intersects
2117△Estep John R
2118 Pitmen Killie
2120 Spore John F
2121△Gloger Otto C ◎
2122△Wilkinson Ben E ◎
2125△Dwigane Jes J ◎
2126△Klobucar Frank J ◎
2129△Case Donald E
2130△Smith John D ◎
2131△Hedrick Carl M
2133△Ward Eug
2134△Carpentar Walt C ◎
2135△Buckel Ches J ◎
2137△Cook Billy D
2138△Sherman Frank ◎
2139△Cook Leeter L
2141△Sullandar John E ◎
2142△Wing Walter E ◎
2143△Duree Claude E ◎
2145△Smith Frank ◎
2146△Durham Lola F Mrs
2147△Sapp John H
2149△Kempe Rudolph W
2150△Botzum Benj ◎
2153△Muench Chas ◎
2154 Teeters Magdalena Mre ◎
2157 Gleason Hazel Mrs
2158△Howe Herold H ◎
2161△Merklin Walter H
Thompeon Ide M Mrs ◎
2162 Smith Chas
2164 Ceulk Jes R
2165△Gigerich Wm M ◎
2166△Stucker Naldon C
2168△Mays Geo R
Raymond intersects
2501△Litzelman Silvin
2502△Hoyt Alonzo H ◎
2505△Carmina Carl W ◎
2506△Faust Wm B ◎
2509△Kane Francis E ◎
△Kane Ruth Beauty Shop
2510△Bertel John F ◎
2514△Flore Jae A ◎
2515△Earlow Hubert B ◎
2517△Prohst Henry S ◎
2518△Patterson Doneld F ◎
2523△Tremp Wm P jr
2524△Lipferd Glen H ◎
2525△Kehn Welter R ◎
2528△Thomas Marshall H ◎
2531△Burries Dela E ◎
2532△Heller Elroy ◎
2535△Roembke Frad W ◎
2538△Burkert Edw J ◎
64
3302△Hempton Richd C ◎
3303△Kreeszig Jas G ◎
3305 Smith —
3306△Mannel Joe J ◎
3309△McGiff Edw F ◎
3310 Mennell Geo F ◎
3313△Conrad Ora A ◎
3314△Niehaus Frank J ◎
3317△Weist Frank ◎
3321 Lanahan Anthony R ◎
3401△McGrevy Harry ◎
3405 Bumgerdner Vola C
3408△Murphy Geo A ◎
3412 Berger Chas E ◎
3413△Ashby Robt ◎
3415△Schnyder Leo R ◎
3416△Mennel Geo F ◎
3417△Domroese Raymond R ◎
3418△Finchum Eug D ◎
3420 No return
3421△Padgett Virgil W ◎
3425△Kjeldsen Jes G ◎
3428△Dippel Marinus J ◎
3429 Vacant
3434△Wodicka Carl R ◎

2B-5
NEW YORK E—From 301 N Meridian east to Emerson av and from Audubon rd to Arlington av
ss Federal Building
Pennsylvania intersects
123△Plastics Exclusivas
Dietr

Standard Materials Corporation
SAND AND GRAVEL
CRUSHED STONE
ROAD MATERIALS
Phone Melrose 7-3397
156 E. Market

GUARANTEE INSURANCE
GUARANTEE INSURANCE CO.
WORKMEN'S COMPENSATION, AUTOMOBILE, GENERAL LIABILITY AND BURGLARY
606 MORRIS PLAN BLDG., 108 E. WASHINGTON
TEL. MELROSE 2-1343

SELL or BUY any BUSINESS or INDUSTRY — CONFIDENTIALLY — NATIONWIDE
Through Darlington BUSINESS BROKERS
(DARLINGTON REALTY CO., INC.)
PHONE MElrose 8-1418 — 202 E. Ohio St. — Indianapolis 4, Ind.
See Our Ad in "Real Estate" and "Business Brokers" — Buyers Guide

NEW YORK E—Contd
126 Indpls Star-News (parking lot)
127△Price Printing Co
129△Markle Lyle A tavern
130△H & H Cabinet Top Co
131△Lonn Mfg Co Inc valves
134 Chinese Club
135△Ellis Roy L jwlr
136 Halcyon The apts
bsmt Jeffers Geo
1 Montgomery May H
2△Chin Yuk Gao
3 Kannedy Harold
4 Stiefvater Tula A Mrs
5 Cullen Lettia B
6 Kotie Sarah W Mrs
7 Woods Eunice G Mrs
9 Pendygraft Pearl
10 Ziegler Ida L
11 Leonuerger Russell
12 Estes Arth
14 Neal Winfield R
15△Vernon Lyman
16 Lindner Grace
17 Riddle Chas
18 Bottorff Bart
19 Mathews H Margt
Straat continued
Delaware intersects
Massacusetts av intarsacts
205 Spann Building (For occupants see 251 N Delaware)
207△M & N Salas ofc equip
209△Blue Ridge Finance Co Inc
211-15△U S Dept of Agriculture
212 Clark Chas S parking
218△Caruretor Service Inc
219△Alfords Parking Service
Hudson intarsects
227△Pavy Arnold R tires
236-38△Nu-Wa Home Supply Co hse furngs
△Nu-Wa Builders & Realty Inc
244△Dick's Standard Service fill sta
2B-6
Alabama intersects
301△Indpls Fira Dept Hdqtrs
△Indpie Fire Dept S te 7
Fira Dept Pension Fund
Fire Prevention Bureau
302△Teetor Juanita batha
304-06 Vienna The apts
1 Raye Geo
2 Wblte Chas L
3 Minnix Clarice Mrs
4△Crider Jos
5△Smith Irena M Ms
6 Romaine Carrie
7 Morford Clara
8△Bell Fannie L Mrs
9 Milby Jesse
10 Gravos Peter
11 No return
12△Owens Floyd A
Street continued
308 Essex Clarence
310 Johnson Geo D
314 Vacant
319-27△Municipal Garage
320-25 CIO Building
△United Steelworkers of Am Local No 1150 CIO
△Marion County Democratic Central Committee
△Fifth Fifty Club
United Steelworkers of Am Local No 1150 CIO Hall
Table Tennis Club
Ogden intersects
329 Ham Albert W
350△Hoosier Petroleum Co Inc (br) fill sta
New Jersey intersects
401△Foltz Gerald gas sta
402-04 Conrad Apartments
1 McAtee Paul
2 Williams Adam J
3 Carson Gordon
4△Conrad Geo E ◎
5 Fox M Irena
6 Way Chester
7 Tate Guy
8 Wayne E L
9 Grinsted Emma B
10 Stout Arth L
11 Neal Pearl
12△Spivey Gladieth Mrs
13△McCauley Jas W
14 Bennett Robt W
15 Collins Janice
16△Snyder Nora
17 Dodd Martha
18 Tipps Chas
Street continued
406△Addy-Guy Supply Co
421△Kostarides Pete ◎
442△Nik-O-Lok Co (plant) lock mfrs
Cleveland intersects
425 Roslyn The apts
1 Fassino Domenic
2△Long Francis T.
3 Enlow Nina Mrs
4 McConnell Pearl
5 Kiss Leslie
6△Hiers Mary L Mrs
7 Chastain Philip

Street continued
429-31△Carson Wilbur T ◎ furn rms
430△Frakes Elec Co Inc elec contrs
434△Carson Clark ◎
436 Dulworth Edw C
437△Shepherd Bertha Mrs ◎
439△Dal Edw auto repr
△Yall-O Cab (br)
18
East intersects
512△Prindle Russell E
515 Dowell Chas
Wheeler Howard
516 Monday Vogle
517 Binge Cecil
519 Grabell Eva ◎
520 Apartments
1△Schifferdacker Geneva Mrs
2 Rena Frank
3△Smither Frad
4 Logan Chas
5 Naucrt Joan
6 Elam Robt
7 Williams Wayne
8 Brewington Owan
9△Brewington Homer
521△Heber Orlo W ◎
523 Riley Bessie M Mrs
523½Stombo Willard
Dickens Jas
524△Doub Thos E ◎
527 Seeley Edwin
Bolington Benton
Medley Lewis
Lunsford Robt
Rush Chas
528△Carson Gao A
529△Morgan Irene Mrs
531△Marshall Healen Mrs ◎
532 Stifle Albert
536△Gilbert Donald
Fox Manuel
540△Lester Lou V Mrs ◎
541△New York Street Motors Inc
544△Stovall Cleo
Stovall Gar
Clodfelter Dora
Park av intarsects
601△Zdanek's School of the Stage
△Zdenek's Bakery
△Zdenek Karl
601½Zdenek Orrill Mrs
602-04△Allen's Auto Service
605△Thompson Claude E ◎
608 Willis Chas
609 Vaughn Chester
McCane Wm
609½Dotson Sylvan
610 Holder Randall ◎
611△Schweitzer Mary K
Johnson Tim
613 Pedigo Gao
615 Gandall John
616 Owens Lewis
619 Shearer Eug
621 Dickinson Mable
631△Ace Beverage Co Inc beer distrs
634△Sanders Trailer Co
638△Wood Ethel M Mrs
640△McGinnes Agnes Mrs
656 Minet Glenn barber
658△Widmer Bros plmbrs
660△Stuckwish Martin H ◎ gro
Noble intersects
702△Becker Liquor Store
702½△The Dempsey
704△Grayson's Grille
707△Perry Leslie ◎
707 Wilbur Chas
Huffman Robt
708△New York Cleaners
708½△Arthur Albert
709 Hiselman Harvey L ◎
710△Cuter Chas ◎
711△Vacant
713 Ritchison Edgar
714△Flynn Glen W
715 McDonald Wm
716 StJohn Lan ◎
StJohn John
Spring intersects
719 Apartments
1 Gordon Kermit
2△Lines Irene L
3 Legg Roy
4 Lea Chuck
Street continued
720△Cox Felix ◎
723△Lovisa John
724 Deal Howard A
725△Fernandina Fabio R ◎
726 Walters Gena
Fulton intersects
740 Miller Joyce
743-45△S & S Tavern
Davidson intersects
801△Wake Un System Inc (br) fill sta
812 Vacant
817△Ford Russell D
820 Emery Thos
Hooper Jas
821 Nuckles Luther W
Burris Alta
823 Rentsch Fred O
825 Norman Wm
Booher Delmer
827△Whitt Ledford C ◎
831 Hattendorf Walter J H
Pine intersects
901△Home Lbr & Supply Co

914 Baxter Oliver R
920△DeFenelon Irby S whol lbr
20
CCC&StLRy crosses
1001△Harbor Plywood Corp of Ind
△Ruge Nick Mfg agt
△Tripp Warehouse Co
1009△Gasateria Inc (br) fill sta
1010-12△Pittman-Rice Coal Co Inc
1030 Pepsi-Cola Btlg Co of Indpls
1056△Landwerlen Ralph F
1058 White Donald
1060△Hammontree Melvin
Dorman intersects
sa Highland Square Park
1104 Baker Jess
1106 Raina Louise
1108 Vacant
1110 Reynold Chas
1112 Snyder Hazel
1150△Taylor Herbert M pntr
Highland av intersects
1201△Fenton Timothy M ◎
1202△Bayless E P Shoe Co whol
1205△Sweeney Thos P ◎
△Hanahan John ◎
1206△Reid Vesta E Mrs ◎
1209△Gavaghan Jas ◎
1210△Rhoads Gene ◎
1210½△Clayton Robt R
1214△Hayes Wallace D ◎
△Quinn Jos G
1215△Wernsing Henry G ◎
1215½△Thomas Ann L Mrs
1217△Klsta Edgar
Doty Neal
1218△Keppel Margt Mrs ◎
1221△Warrenhurg Jas P ◎
1222△Whita Denis F
1301 Bledsoe I J
1302△Grubbs Addie
1305△Murphy Barton ◎
1306 Nedeff Jas G
△Ellison John J
1309△Meyers Don
1310△Applegate Cecil R jr ◎
1310½Humphrey Harry
1311△Steinemann Oscar
1313△Wells Saml E
1314△Breedlove Kath D Mrs ◎
1315 Gorman Helen
1317△Kelly Chas E ◎
1318△Pigg Warren L ◎
1318½Matthews Robt
1321 Leap Lester
1322△Straw Corinna Mrs ◎
Oriental intersects
1401△Griffin John
1402△Williams Martha
1403△Scharfenberger John
1404△Hofstatter Ray L
1405△Starnes Wm C ◎
1406△Groves Beuloh F ◎
1409△Reilly Mary J ◎
1410△Keehn Wilma ◎
1413△Conley Rosemary Mrs
1414△Burch Carl V ◎
1414½△Hutson Ruth E
1415 Grannemann Ruth M
1417△Seiert Walter S
1418 Knisly Chas
1419△Gutgsell Ambrose W
1421△Edward Mamie Mrs
1422△Leonard Wm F ◎
1423△Teets Edw L
1425△Walters Robt J
1427 Walters Ray ◎
1429△Brown Frad W ◎
1430 Eaker Earl
1431△Strack Paul E
1432 Wallace Alfred ◎
1433△Schoppenhorst Francis W
rear Kelly Co The mfg chem
1435 Schoppenhorst Anna K Mrs ◎
1438 Knight Jos C
Arsenal av intersects
Summit intarsects
1601△Grinsteiner's funeral home
△Grinsteiner Gao N
1620△Evans Elevator Supply Co
1621△Mosiman L B Corp furn mfrs
1630△Woddel Joe A fill sta
State av intarsacts
1700 Standard Food Market
1701△Horning John M fill sta
1728△Roselyn Bakeries Inc (br)
Walcott intersects
1818△Five Hour Cleaners (br)
1825 Vacant
Parkview av ends
Randolph intersects
Hendricks pl ends
2030△McCool Fred
2032 Wilson Clarence
2036 Poteet Robt M
Hamilton av intersects
2115△Maurer Jas ◎
2151△Haslinger Clarence J phys
2153 Stedler Frank shoe repr

2155-57△M & M Hardware
2159△Sherman Ralph L gro and meata
Weddle Irma J Mrs
2161△Henzie Wm M drugs
Jefferson av intersects
2201△Depoy Ray E ◎
2202△Harris Wm H
2203 Young Kenneth E
2204△Lova Harry N
2205△Surface Denny jr
2205½Reynolds Robt
2207△Glosclo Ralph A ◎
2209 Perkins Mary
2210△Davis Elrey
2211 Ash Chas L
2212△Epley Leona
2215△Showalter Benj G ◎
2219△Cossey Rollin J ◎
2222 Jackson Hugh L gas sta
2225-29△Cossey Rollin J ◎ fill sta
Beville av intersects
2305△Leohr Harry W ◎
2308△Baird Clarence P ◎
2309△Shepherd Albert E ◎
2312△Brant Suda Mrs
2315△Wiseman John ◎
2316△Noelle Wm F ◎
32
Keystone av intersects
2401△Site Oil Co fill sta
2402△James Leo A ◎ contr
2415△Dairy Queen Store
2416 Thomas Martin L gro
2425 National Life & Accident Ins Co
Forest av intersects
Tacoma av intarsacts
Temple av intersects
2601△East Park Meth Church
2609△Church D Millard Rev
2611△Statham Robt R
2621△Dickmever Mary E Mrs ◎
Eastarn av intersecte
2702△Richardson Chas D
2702½VanHook Edwin
2706△Jackson Harry C jr
2708△Garvey Jas P
2710△Hillebrand Ernest C G ◎
2713△Miller Claude C watch repr
2714△Vare Frankie C Mrs ◎
2716△Keefe Wm F
2718△Smith Eliz D Mrs ◎
2720 Anartmants
1△Risley Pat
2△Deal Jas
3△Pallikan Paul
4 Vacant
Street continued
2726△Bell Robt E drugs
2727△Eerlier John C fill sta
Rural intersects
2801-03△Powell's Market gro
△Little City Ice Cream Co
2802 Utter Shell Serv gas sta
2805△State Side Shoe Co
2807△Johnson Caroline restr
2809 Englewood Barber Shop
2810△City Motor Mart ◎
2811△Complete Electric Co
2817△Hamersley Thurza Mrs
2818△DeHaven Dewey ◎
△DeHaven Gertrude Mrs beauty shop
2819△Dugger Leon
2821△Traylor Emerson C ◎
2822△Reasner Albert W ◎
2824△Powell Robt W
2825△Fansler Laura ◎
△Fansler Lindlay D jr carp
2826△Stone Russell R ◎
2829△Finch Carrol E
2830△Davis David H
2831 Colglazier Willard H
2832△Young Jason E ◎
2835△Richardson Owen S ◎
2836△Trussler Eddie
2837-39△StMatthew Luth Church
2838△New York Flower Shop
△Sodeman Herman
2842△Neenan John M
2850△Kinney LeRoy ◎
Oxford intarsects
2906-08△Stone David L Inc body repr
2909△Brown Roofing Co
△Brown Wm R ◎
2910△Brizendine Oscar D ◎ upholsterera
2911 Morgan Joseph
2911½△Gunnell Chas E
2914△Cannaday John W ◎
2915△Moore Robt N
2916 Dobbs Millard
2917△Mobley Ralph
2918△Cooper Jas W ◎
2919△Foltzenlogel Harold L ◎
2922△Whitsett Homer
2923△Hall Jas G
2924△Smith Ivory O ◎
Parker av intersects
2926△Barnd Maurice C gas sta
2927△Leslie Frank ◎
2931△Cox Edw E ◎
2935△Robke Carl W ◎
Oakland av intersects

NEW YORK E—Contd
3000△Indiana Natl Bank (br)
3001△Hall Raymond E ◎
3005△Beckett Nettie Mrs ◎
3009△Evans Raymond L ◎
3013△Grannan Eug P ◎
△Grannon Patricia A nursa
3017△Hinchman Ernest G ◎
3026△Taffelinger Chas L
3028△Spacke Herman F jr ◎
3030△Ballinger Clay E ◎
3032△MacDonald Geo R ◎
3036△Ruppert Arth
Gray intersects
3102△Ragsdale Leonard
3104△Johnson Ella G Mrs ◎
3107△Mikels Emma Mrs ◎
3108△Chevalier Carl E
3109△Swope Daisy M Mrs ◎
3110△Ball Wm F
3112△Bender Scott R
3113△Spiegl Jos ◎
3114△Pollock Chas A ◎
3115 Boehm Josephine M Mrs ◎
3118△Moulton Lucy E Mrs ◎
3121 Burns Walter
3122△McCormick Thos A ◎
3125△Alvarez Frank gro
Dearborn intarsects
3202 Moon Robt M
3203△Kennedy Wm C ◎
3205△Meton Jas O ◎
3209 Chambers Otis ◎
3210 Smith Wm C ◎
3214△Dressendorfer Chas A ◎
3215△Doty Ray ◎
3219△McGlynn Anna
3220△Ward Philip H ◎
3221△Schafer Walter C ◎
3222△McCarthy Ruby E Mrs ◎
3223 Blue Ribbon Ice Cream Co (br)
3224△Cox Eug C
LaSalle intarsects
3301△Albany Leasing Inc
3302△Burkhart Paul H gro
3304△Tierney's Appliance Store
3308△Johnston Bill Realty
3309△Cunningham Vint N ◎
3312△Seeman Gay ◎
3314 Ragsdale Leo R
3315△Ansley John ◎
3316△Spear Jas B ◎
3317△Ruse Russell H well driller
△Richmond Frank
Strast continued
3318 Vacant
3319△VanHorn Elmer
△Whipple Chas B
Street continued
3320 Klipsch Saml M ◎
3321 Embry Jas F ◎
3325 Embry Jas F jr ◎
3328△Dennis Chas W ◎
3329 Hare Geo W ◎
3330△Sears Chester D ◎
3332△Birge Rugh E Mrs ◎
3335 Bostic John R ◎
3338△Bryant Robt
Tuxedo intersects
3401△Eastern Coal Co
△Bischoff Coal Co
3402△Moore Wm S ◎
3404△Turner Oil ◎ (br) fill sta
Belt RR crosses
3502-10△Blakley Granite Co ◎
3516△Miller Geo D fill sta
3520△Andrews Clara B Mrs
Gala intarsacte
3521 Sears Roebuck whse
3522△Walker Anita K Mrs
3523△Mitchell Wm A ◎
3525△Bedel Wm J ◎
3527△Minor Jos H ◎
3529△Ramsey Wm M jr ◎
3531△Albaugh Everett Z ◎
3532△Moore Robt N ◎
3536△Lindholm Harold W ◎
3540 Maple Verner E ◎
3546△Engelking Irven W ◎
3550△Tomlinson Russell G ◎
3599△Rod's Composing Serv
△Burns Geo J ◎
3601 Leamon John L
3602△Jaster Everett L ◎
Ewing intersects
3604△Chastain Dale C
3606△Kirk Mae Mrs
3608△Arbuckle Corbert
3610△Miller Ernest C
3612△Haymaker Wilson P
3614△Heap Jas W
3616△Jolliffe Anna Mrs
3618△Moon Frank C ◎
3620△Flynn Richd E
3622△Baird Russell M
Baird Jenness H Mrs nurse
3624△Dyar Wilbur J
3626△Ryan Carrie O
3628△Myers Remona Mrs
3629 Welsh Jas E ◎
3630△Mattix Lloyd C ◎
Keating av intersects
3702△Steelsmith Ethel Mrs
3703△McCormick Thos F ◎
3704△Church LeRoy
3707△Hammond Hugh ◎
3708△Lechner Blanche Mrs

FERGUSON ELECTRIC SALES CO.
SUNWARM ELECTRIC RADIANT CEILING
HEAT
LO-K INSULATION
INDUSTRIAL
COMMERCIAL
RESIDENTIAL
J. H. Ferguson
2153 N. Meridian
Tel. Hickory 9697

Indiana Insurance Company
★
A Home Company Writing Fire Casualty and Automobile Insurance
★
Consolidated Building
★
Melrose 6-6341

GENERAL SEPTIC TANK SERVICE CO.
DAY OR NIGHT SERVICE SEPTIC TANKS, WELLS, SLUDGE PITS
AND FINGER SYSTEMS CLEANED & INSTALLED
SEWERS CLEANED BY ELECTRIC METHOD
GUARANTEED & INSURED LICENSED FREE ESTIMATES
823 N. KEYSTONE AVE. TEL. MELROSE 8-0544

Yard and Office
1020 S. Harding St.
MArket 7727

CARL GLESING
Cement Contractor

Residence
4470 College Ave.
HUmboldt 1959

North Side Lumber and Hardware, Inc.
Lumber — Millwork — Hardware — Paints — Insulation — Builders' Supplies
THREE LOCATIONS
5199 North Keystone Ave. (5) . . . . . Tel. Broadway 5454
Nora Branch, 8502 Westfield Road . . . . . Tel. Broadway 5863
Castleton Branch, Castleton, Indiana . . . . . Tel. Broadway 2122

NEW JERSEY N—Contd
5946△Schupp Louis W ⓪
5949 No return
5950△Ressler Edwin P ⓪
5955 No return
5956△Gande Hyman F ⓪
5959△Burns Howard F ⓪
5960△Carpenter Harry S ⓪ bldg contr
5961△Underwood Edw J ⓪
5966△Gernstein Sydney ⓪
5972△Twente Robt A ⓪
61st intersects

S6
NEW JERSEY S—From 400 E Washington south to Raymond
2△American Art Prods Co novelties whol
10△M-A & M Co plmbr
12 Buis Cleve cigars
12½ △Linehan Robt E Post No 465 (Am Legion)
16 Vacant
18△Glass John M Co foundry supplies
Pearl intersects
IVRy crosses
NYCRR crosses
Louisiana intersects
Virginia av intersects
302△Fadely Anderson Inc
308-10△Bass W H Photo Co Inc
312-16△Katz Max Bag Co
△Katz Max & Sons Realty Co Inc
△Alabama St Terminals Inc
Katz Morris Associates mfrs agts
315△Bova Fruit Co
317△Schaub Wm & Co comn mer
319-21△Bisesi Paul & Co
320 Vacant
322△Ray Paul M tavern
323△Quack Albert C comn mer
324-26 Ray & Mascari Co comn mer
325 **Fruit Exchange Bldg**
△Daniels M E & Sons comn mer
327△Loutt S L & Co comn mer
331△Losche Theo & Sons produce
340△Fire Station No 30
S8
South intersects
402△Glick H & Co fruits
408-10△**Frederick Apts** bsmt No return
1 No return
2 No return
3 No return
4 No return
5 No return
6 No return
7 No return
8 No return
9△Vittetow Jos D
10△Venezia Anthony
11 Bauman Rudolph
12 Jordan Sharon
E Empire intersects
422 Zenezia Bros (whse)
424 Venezia Anthony fruits
Stevens intersects
426 Corsaro Danl
428 Caito Jos fruits
430△Caito Aug F ⓪
434-36△Caito & Masceri comn mers
Henry intersects
502△Caito Philip J
503△Holbrook & Zink fruits whol
510△Shaughnessy Mary A
520△Chase Brass & Copper Co Inc
525 Miller Jas
531 McNavin Anna E Mrs
543△Braden Joye D
543½ Land Jenny Mrs
545△Johnson Lola M Mrs
545½ Reed Ruth
Merrill intersects
601-15 May N Clyde (stge)
609 Corkin Byron B
610△McKelvey-Kell Inc ⓪ uphol
616 Allen Arth
620 Kennedy Travis ⓪
621△Kennedy Eura M ⓪
624△Holbrook Leonard A
624½ No return
625△Hudson Jas L
626△Skinner Guy
626½ Brown Victor M
628△Kidwell Virgil ⓪
629 Sweeney Owen C jr
632 Burrello Salvatore
633△Price Wm T ⓪
637△Eckhart Josephine
638 Keen Arlist A
640△Provenzano Santa ⓪
644△Ray Michl ⓪
645△Coll Josephine G Mrs ⓪
648△Bruns Fred jr
649 Gunsett Chas A ⓪
652 Conyers Chas
653△Miceli Providence Mrs ⓪
656 Bryan Anna
657△Lawrence Jonah J
660 Snyder Claude E
661 Lunday Dallas T
Norwood intersects
701 Harmon Jas R ⓪
701½ Harmon Edw
703△Clark Jiles C
703½ Born Leroy
704 Mozingo Wayne W
706 Cornwell Earl C
710△Stellhorn Lester
713 Vacant
714 Corcoran Harold
715△Koepper Hubert O
717 No return
721 St Paul's Evangelical Lutheran Church
722 Voorhies Adolph
726△Talley Wilfred prod
McCarty intersects
802 Vacant
809 Spears Ray E
813△Hillman Carl F ⓪
817△Knott Chas L
821 Ray Mike G
825△Feld Godfrey ⓪
829△Horton Earl C
833 Goulden Hillus
835△Stout Robt T
Wyoming intersects
901 Giordano Rose Mrs ⓪
901½ No return
902△Mazza Nunizo ⓪
903 Lee Wm S
906 Pressnall Paul
906½ No return
909 Caito Philip J
910 No return
rear No return
910½ △Vizuso Mary Mrs ⓪
913 Graves Herbert W
914△Richey Lester V ⓪
917△Lombardo Aug ⓪
918 Herford Fred T ⓪
922 Miller Theo H
925△Pennington Bertice ⓪
926 Brock Clarence R ⓪
929 Adolay Jos H
933△Smyth Jessie B Mrs
935 Criech Raymond C
934△Bok Henry A
Bicking intersects
936 Bova Josephine Mrs
937△May's Cleaners
938△Wolsiffer Kenneth
939 Gray Wm J
940△Jackman Walter H ⓪
941 Collins Chas
944△Foehler Ric F ⓪
945△Churchill Robt E ⓪
948△Boatman Roy
951△Hays Walter B ⓪
952△Raia Rosario R ⓪
953△Daprile Angelo ⓪
956△Plank Wm C ⓪
960△Jackson Walter ⓪
1001 Schaffer Clare E Mrs
1002△Pigeella John
1003 Byrd Wade O
1005 Stellhorn Bernard A
1006△Adamson Mabel Mrs
1007△Spangler Otto C ⓪
1009 Okey Geo J ⓪
1010△Wampner John H ⓪
1013△Dirk Edw J ⓪
1014△Waterman Wm H ⓪
1015 Worrell Geo M
1017△Collins Harry L
1018 Spadorela Mary Mrs ⓪
1020△Hafer John
1021△Michaelis Clarence W ⓪
1022 Gooch Ethyl M Mrs
1023△Beckom Robt W
1024 Jameson Paul D
1025 Scott Roy H ⓪
1026△Catt Loren ⓪
1028△Carter Edna P Mrs ⓪
Turner dr intersects
1030△Brewer Robt L
1032△Harper Alice ⓪
1033 Purdue Virgil N ⓪
1035△Sitler Clarence E Rev
1038△Hall Chas N ⓪
1040 Davison Nora ⓪
60
Prospect intersects
Sanders intersects
Orange intersects
Parkway av intersects
1342△Threlkeld Billie E ⓪
Terrace av intersects
1402 Finley Robt I ⓪
1403 Eaton Jas B
1407 Huber Aug C
1409△Scott Homer O
1409½ Saylor Winford G
1411 Koch Fred A ⓪
rear △Hueber Fred C
1412 Vacant
1413△Miller Henry G ⓪
1414△Miller Forest E
1415 Meldrum Harry J
1417△Schwarz Ervin
1418 Overton Earl P
1420△Adams W Lynn
1421△Morris Edw J ⓪
1422△Martin Will E
1424△Mullen Wm A ⓪
rear Wilson Jas ⓪
1425△Mullen Verena V Mrs ⓪
1428 Amonett Robt A ⓪
1429△Zimmerman Clarence H ⓪
1432△Wetzel Mary E Mrs
1433△Lane Mazella
1435△Hintz Eliz ⓪
1436△Kelly Patk
1436½ Renner Ches H
1439△Sibley Howard J ⓪
1440△Bauerle Louis J
1440½ △Freund Bertha H ⓪
1441 Caswell Raymond O ⓪
1502△Holly Elwin E ⓪
1506△Heck Edna ⓪
1507△Millikan Arth R ⓪
1509△Collins Jas W
1510△Iannuzzi Frank ⓪
1513△Church Aloie
1514 Guth Edw ⓪
1515 Prosser Orville R ⓪
1519△Sputh Louie N ⓪
1520△Guth F Adolph ⓪
1525△Davis Harley H ⓪ carp
1526△Faust Wm H ⓪
1531△Loschky Tobias ⓪
1537△Hinz Eliz M ⓪
1538△Welmer Henry ⓪
1539 Schnurr Wm J
1542△Ottieg Fred C ⓪
1543△Kappmeyer Wm ⓪
1545△Underwood Frank H
1546△Welmer Fred E ⓪
1549 Hogue Alphford J
1551 Holmes Lee C
1555△Krauss Henry ⓪
1555½ Kelly Jas W
Lincoln intersects
LeGrande av intersects
2117 Myers Owen B
2118 Vacant
2120△Sutton Arth
2121△Gloger Otto C ⓪
2122△Ridgeway Harley C ⓪
2125△Dwigans Jas J ⓪
2126△Klobucar Frank J ⓪
2129 No return
2130△Smith John D ⓪
2131 No return
2133△Ward Eug
2134△Walden Arth W ⓪
2135 No return
2137△Sanders F Eug
2138△Sherman Frank ⓪
2139△Cook Lester L
2141△Sullender John E ⓪
△Duree Claude E ⓪
2142△Sheeks Everett ⓪
2143△Ramsey E R
2145△Smith Frank
2146△Durham Lola F Mrs
2147△Steinbrook Henry L ⓪
2149 Norland Chas A
2150△Botzum Benj
2153 No return
2154 Teeters Magdalena Mrs ⓪
2157 Glasson Hazel Mrs
2158△Howe Harold H ⓪
2161△Merkin Walter H Thompson Ida M Mrs ⓪
2162△Montgomery John T ⓪
2164△Castner Raymond E
2165△Gigerich Wm M ⓪
2166△Stucker Neldon C
2168△Tyra Preston L ⓪
Raymond intersects
2501△Snyder Albert T
2502△Torrenga Arth ⓪
2505△Carnine Carl W ⓪
2506△Faust Wm B ⓪
2509△Kane Francis E ⓪
△Engage Laura R Mrs
2510△Bertel John F ⓪
2514△Flora Jas A ⓪
2515△Fahrner Carl F ⓪
2517△Probst Henry S ⓪
2518 Patterson Donald F ⓪
2523△Sauter Hubert W jr
2531△Burries Dale E ⓪
2624 Lipferd Glen H ⓪
2525△Maas Geo H ⓪
2528△Spangler Geo F ⓪
2531△Pritchard Eug
2532△Heller Elroy ⓪
2535△Roembke Fred W ⓪
2538△Burkert Edw J ⓪
64
3302△Hampton Richd C ⓪
3306 Under construction
3310 Under construction
3401△McGrevy Harry ⓪
3408△Murphy Geo O ⓪
3412 Berger Chas E ⓪
3413 Vacant
3415△Brehoh Wm ⓪
3416△Mennel Geo F ⓪
3417△Domroese Raymond E
3420△Murphy John M ⓪
3421△Padgett Virgil W ⓪
3425 Iozzo Dominic
3428△Dippel Marinus J ⓪
3429△Tailey Emet C

2B-5
NEW YORK E—From 301 N Meridian east to Emerson av and from Audubon rd to Arlington av
ss **Federal Building**
Pennsylvania intersects
123△Appliance Parts Co
126 Landreth Clarence P auto parking
127△Faulkenberg Printing Co
128△Landreth C P Elec Co
129△Thomas Peter (restr)
130△Lowe Bros Co
131△Lonn Mfg Co Inc valves
133 Bayless Shoe (stge) State Side Shoe Co
134△Fleury Elec & Mfg Johnsey Wm
136 **Halcyon The apts**
bsmt Jeffery Geo custdn
1 David Irene Mrs
2 Houser Faye
3 Kennedy Harold
4 Stiefvater Tula A Mrs
5△Cronn Augusta
6 Kolie Sarah W Mrs
7 Taggart Emma V
9 Pendygraft Pearl
10△Fraker J E tile contr
11 Murray Susannah Mrs
12 Estes Arth
14 Neal W R
15 Vernon Lyman
16 Vendenbrouech Mary
17 Willard Nettie M Mrs
18 Jordan Harry
19 Mathews H Margt
Street continued
138△Scott Ralph B restr
140 Rosenberger Martin Wall Paper Co (side ent)
Delaware intersects
Massachusetts av intersects
205 **Spann Building** (For occupants see 251 N Delaware)
207△Midwest Business Mach Co
209△Blue Ridge Finance Co Inc
211-15 **Empire Life Bldg**
△DeGraff Raymond C acct
bsmt Meadows Edw J custdn
1st fl△Empire Life & Accdt Ins Co
Rooms:
200△Kemper & Co real est
△Dearborn Park Realty Co
△General Property Corp
△Kemper Realty Co Inc
△Park View Realty Corp
201△Empire Life & Accident Ins Co (real est dept)
204-05△Empire Life & Accident Ins Co (claim dept)
208-09 Empire Life Ins Co (agcy rm)
300-05△Haight Davis & Haight Inc actuaries
306-08△Lanter Lenore L letter shop
309-15△Johnston Ferd G publr
316-23△Griffin Engineering Co Inc
320-21 Vacant
322△Golden Byron M x-ray apparatus
325-27△DeGraff Raymond C acct
△Schutt Ray L contr
329 Storage
330△Mason Contractors Assn
Street continued
218△Carburetor Service Inc
219-23 East New York Motor Inn auto parking
Hudson intersects
227△Pavy Arnold R tires
236-38△Nu-Wa Home Supply Co hse furngs
238△Hochbaum Jas W
240-44△Hougland Bruce fill sta
2B-6
Alabama intersects
301△Indpls Fire Dept Hdqtrs
△Indpls Fire Dept Sta 7
Fire Dept Pension
Fire Prevention Bureau
302△Reliable Sales Co confrs
304-06 **Vienna The apts**
1 No return
2 Decker Alf
3 Minnix Minnie Mrs
4△Crider Jos
5△Smith Irene M Mrs
6 Robinson Wm A
7 Dunn Grace
8 Bell Fannie L Mrs
9 Mollett Louise
10 Gravos Jas
11 Owens Floyd
12 White Chas L
Street continued
308 Essex Clarence
310 Oliver Roberta Mrs antiques
314△Vanadium Alloys Steel Co
△Colhv Equipment Co heating
319△Schiffman Fred V plmbr
320-26△**Modern Woodmen of America Building**
△United Steelworkers of Am Local No 1150 CIO
△Modern Woodmen of Am Marion Camp 3558
322△Fifty Fifty Club
326△Olinger Distr Co whol liquor
327△Hadley Elec Co
Ogden intersects
329 New Jersey St Meth Ch (parish hse)
350△Hoosier Petroleum Co Inc (br) fill sta
New Jersey intersects
401△Foltz Gerald fill sta
402-04 **Conrad Apartments**
1△Mariutto Louis P
2 Vacant
3 Vecant
4△Conrad Geo E ⓪
5 Fox Irene
6 Wayne E L
7△Andrews Carl J
8 Padgett Lewis G
9△Thomas Julia Y
10 Harmon Robt
11 Smith Pearlie
12△McCauley Jos W
13△Bugie Dorothy Mrs
14△Shields Geo
15△Morgan Mary
16△Synder Nora
17△Wiechs Edw H
Street continued
406△Conrad Geo E plmbr
421△Kostarides Pete ⓪
422 Nik-O-Lock Co plmbr
Cleveland intersects
NEW YORK E—Contd
425 **Roslyn The apts**
1 Fassino Domenic
2△Long Francis L
3△Cox Billy B
4 No return
5 No return
6 Hiers Mary L Mrs
7 McNeely Chas L
Street continued
429-31△Carson Wilbur T
430△Day W Curtis used cars
434△Carson Clark ⓪
435-37△Shepherd Bertha Mrs ⓪
△Forder Jas
436 Keen Wm S gro
439△Anderson Walter E fill sta
18
East intersects
501 First Evangelical Ch
512 Prindle Russell E
515 Williams Curtis
516 Monday Vogle
517 No return
519△Peters Beulah ⓪
520 Schifferdeckey Wm ⓪
521△Heber Orlo W ⓪
523 Riley Chas B
523½ Wilson Doris G
524△Doub Thos E ⓪
527 Perry Homer
528 Able Chas D
529△Morgan Irene Mrs
531△Marshall Helen Mrs
532 Carson Geo W ⓪
536 Bell Garrit ⓪
540 Lester Chas A ⓪
541△Mordoh Alvin M used cars
544△Wetzel Jennie
555 Vacant
Park av intersects
601-03 H & M Market gro
601½ Greenburg Rose
605△Harbin Thos D
608△Howson May Mrs
609△Gray Mabel M
610△Kendall Norman T
611△Schweitzer Mary K ⓪
613△Kane Alvin D
615△Fields Kelley
616 Struck Larry
621 Vacant
634 Sanders Alf C ⓪ used cars
638 Vacant
640 McGinnes Agnes Mrs
656 McNeer Harvey
658△Holtman Chas ⓪ plmbr
660△Stuckwish Martin H ⓪ gro
Noble intersects
702 Schafer Herbert J liquor rest
704△Pierle Lee E restr
707△Clark Clarence
708△Wilson Elsie clnr
709 Lyons Billy D
710△Maki Wm S
711 Rose Lawrence E
713 Wisdon Jas M
715 Sowders Wm J
716 Ryan Frank
Spring intersects
719 Mindy Geo A
720 Pickering Basil W
723 Iverson Eric
724 Deal Howard A
725 Bernardins Fabio R ⓪
726△Roberts Lucille Mrs
Fulton intersects
740 French Marion F
743△Schifferdecker Chas tavern
745△Lich Walter E fill sta
Davidson intersects
801△Wake Up System Inc (hr) fill sta
812△Riggs Ollie J ⓪
817△Galema Fred L
818 Pemberton John L
821 Bruce Cath
825 Vacant
827 Whitr Ledford
831 Orville Wilmer
Pine intersects
901△Home Lumber & Supply Co
914 Baxter Oliver R
20
CCC&StLRy crosses
1001△Camp E W Plywood Co Inc veneers
△Tripp Warehouse Co
1009△Gasteria Inc (br) fill sta
1010-12△Pittman-Rice Coal Co Inc
1030 Pepsi-Cola Bottling Co of Indpls
1056 No return
1058 No return
1060 Wilson Lester P
Dorman intersects
ss Highland Square Park
1104△Louck Kenneth
1106 No return
1108 No return
1108½ Wharton Chas
Lane Cecil
Smith Chester
Scruggs Chas
1110△Allen Paul L
1112△Capitol City Htg Inc furnaces
1150△Taylor Herbert M pntr
Highland av intersects
1201△Fenton Timothy M ⓪
1202-04△Taylor Herbert B gro
1205△Sweeney Thos P ⓪
△Hanahan John

City Securities Corporation
417 Circle Tower
Telephone LI 5535
Insurance Service
—
Investment Bankers
—
City Securities Corporation

Main Office, 139 E. Market (4) — MA 2374
INDIANA'S *Largest* HOME SELLER
BRANCH OFFICES:
915 E. Broad Ripple Ave. (20) — BR 2484
5106 E. 10th St. (19) — BL 2438
936 Virginia Ave. (3) — FR 3529
JACK C. CARR — *Realtor*

G. H. Herrmann Funeral Home

1505 S. East

Telephone MARKET 8488

You have the use of our Modern Air Conditioned Funeral Home and Organ without additional charge

Ambulance Service

"Let Me Be Your Printer"

EMIL V. SCHAAD
Manager

Advance Printing Co.

PHONE LINCOLN 1865

352 SOUTH ILLINOIS ST.

Rooms 430-431

PARKING **TRIMBLE CORNERS** 24-HOUR SERVICE

for "TRIMBLE TREADS" Tire Service

New Tires, Tubes, Caps, Gasoline, Oils, Accessories

New York and Meridian RI 1594 Michigan and West St.

NEW JERSEY N—Contd
3835ΔDean Maybelle T Mrs ⓪
3837ΔForsaith Ralph A ⓪
3839ΔJeup Bernard H ⓪
3843ΔBerry Claude E ⓪
3844ΔFoulks Robt N
3855ΔMartenet Simon J ⓪
3858ΔHatfield Frank D ⓪
3859ΔJacobsen Hans C ⓪
3861ΔStair G Clement ⓪
3864ΔAhrbacker Fredk W
3902ΔBuckingham Milton C ⓪
3903ΔSolar Abr J whol hosiery
3906ΔAlpert Abr ⓪
3907ΔJohnson John C
3909ΔRitter Clara ⓪
3914 Thomas Fred A ⓪
3915ΔNeale Beatrice E ⓪
3917ΔHueber Ralph E ⓪
3918ΔDoebber Fredk A ⓪
3920ΔShepard Henry S ⓪
3921ΔCurle Marvin E ⓪
3924ΔCarlile Rogers W ⓪
3940ΔGrubb Walter D ⓪
3945ΔGoldberg Abr ⓪
3949ΔHaffner Clarence M ⓪
3953ΔDriscoll T Lorin
3957ΔBlackwell Francis H ⓪
3962ΔBaker Velma F Mrs ⓪
3964ΔHudgens Grace H Mrs ⓪
3967 Vacant
3969ΔWelch John A ⓪
Fortieth intersects
4002 Haynes Robt L
4003ΔUnderhill Jos L ⓪
4009ΔMcGarrell Jas J ⓪
4010ΔRappaport Philip ⓪
4014ΔAltenbach Ralph G ⓪
4015ΔSeewell Christine H Mrs ⓪
4019ΔAndrews Josiah H ⓪
4020ΔMacDonald Wm T ⓪ contr
4021ΔAckerman Simon L
4022ΔWamer John P ⓪
4025ΔFuller Chas J ⓪
4026ΔGasking M Arvel
4040ΔMoore Della V Mrs ⓪
4048ΔFobes Cletus R
4051ΔRuddell Jas H ⓪
4057ΔUhl Albert E ⓪
4061ΔCarr Jack C ⓪
4065ΔFletcher Francis J ⓪
Forty-first intersects
5123ΔCampbell Verle H
5125ΔLewis Wm L
5132ΔManion Marlow W ⓪
5133ΔBarton Miles S
5137ΔBrown Robt H ⓪
5140ΔLuckett Thos K ⓪
5141ΔMcCarty C Walter ⓪
5145ΔMiller C Raymond ⓪
5151ΔJordan Jas C ⓪
5155ΔGrosbach Homer E ⓪
5157ΔKnowles J Wm ⓪
Fifty-second intersects
5201ΔFrench Arth J ⓪
5202ΔSchell Helen M ⓪
5207ΔDonaldson Edw ⓪
Triangle Corp ins
5210ΔRosenbrook Chas F ⓪ contr
5215ΔMorehouse Harvey J
5216ΔMcWhir Hazel H Mrs ⓪
5218ΔRansel John E ⓪
5222ΔBeem Levi A ⓪
5225ΔSchneider Martin J
5228ΔFerguson Harold H ⓪
5234ΔKeuhan Fred W ⓪
5235ΔFrench Harold S ⓪
5238ΔCash Fay C ⓪
5241ΔBrown Leonard R ⓪
5245ΔLarson Irving N ⓪
5246ΔDouglas Elwood L
5249ΔCost Wm A ⓪
5250ΔAllison Everett E ⓪
5254ΔHorne Wm McH ⓪
5255ΔSchurmann Howard
5265ΔCassell Jacob ⓪
Fifty-third intersects
5301ΔHamilton F Wm A ⓪ drsmkr
5302ΔRoyse John A ⓪
5307ΔThompson Ralph F ⓪
5312ΔSchleicher Ola B Mrs ⓪
5313ΔBaker Herbert A ⓪
5316ΔMoore Marion ⓪
5319ΔHamaker Jos E ⓪
5320ΔBrachie Paul L
ΔWeathers Paul
5326ΔParker Mayne E ⓪
5327ΔSheppard Luther L
5331ΔWurster Bertha Mrs ⓪
ΔShaffer Carl W
5332ΔKurtz Chas H ⓪
5340ΔKoby Saml M ⓪
5341ΔParker Ella H Mrs ⓪
5346ΔPiel Wm F H ⓪ contr
5347ΔBurke Geo J ⓪
5352ΔKennedy Geo W ⓪
5353ΔEmmanuel Karl F
5355ΔBiller Ray L ⓪
5360ΔDaugherty Chas E ⓪
5364ΔWalker John W
5365ΔRice Raymond M ⓪
Fifty-fourth intersects
5401ΔMoore Earl R ⓪
5407ΔVanEman Geo S
5410ΔBracher Allen N
5420ΔCartwright Clarence P ⓪
5423ΔMetzger Frank A ⓪
5424ΔMoore Clyde S Mrs ⓪
5425ΔCoffin Ross E ⓪
5429ΔFielding Richd C ⓪
5430ΔFisk Frank B ⓪
5434ΔAlbrecht Geo C ⓪
5435ΔDean Belle N ⓪
5456ΔLinkert Howard W ⓪
Fifty-fifth intersects
5734ΔMurray Chas
5736ΔVanHuysen Grant ⓪
5743ΔByrne Robt W ⓪
5744ΔCook Floyd E ⓪
5750ΔFries Leslie D
5751ΔMorrow Thurlow B ⓪
5755ΔCountryman Irving B ⓪
5763ΔClauser Earl D ⓪
5768ΔOutcalt Geo W ⓪
5774ΔSlinkard Lee N ⓪
5775ΔDisque Stanley G ⓪
5780ΔBeesley Eug N ⓪
5786ΔGeisendorff Lawrence C ⓪
5790ΔHedges John W ⓪
Fifty-eighth intersects
5801ΔDell Brooke C ⓪
5802ΔAshby W Hurley ⓪ photog
5807ΔFaucett Franklin M
5808ΔDorrah Orlan C ⓪
5814ΔBoring Roger T ⓪
5815ΔLamkin Eug H ⓪
5816ΔMcTurnan Lawrence ⓪
5819ΔHooley Harry D ⓪
5820ΔLowe John D ⓪ mfrs agt
5821ΔSimpson Arch G
5829ΔScott Geo S
5830ΔGraves Thos B ⓪
5839ΔBoldman Chas E ⓪
5840ΔSeiler Victor C ⓪
5841ΔCase Harry D ⓪
5845ΔGeiger Henry F ⓪
5850ΔBurton Enoch D ⓪
5852ΔAlley Jas I ⓪
5855ΔSmith Lloyd H ⓪
5858ΔSmith Leonard A ⓪
5859ΔHilkene Lena Mrs
ΔBrasg Robt E ⓪
5862ΔHerriman Claude M ⓪
5867ΔCollins Don H ⓪
5868ΔSkelton Hovey B ⓪
5869ΔMarschke Wm A jr ⓪
5874ΔJones Walter L ⓪
5875ΔLyons Clyde O ⓪
5879ΔMedlicott Arth ⓪
5880ΔCochrane Henry M ⓪
5890ΔWiggins Florence T Mrs ⓪
5891ΔManien John F
Fifty-ninth intersects
5914ΔFindley Glenn F ⓪
5922ΔWhinrey Richd E ⓪
5926ΔThoms Sophia B Mrs ⓪
5931ΔYates Kenneth E ⓪
5940ΔRoehm Edgar W ⓪
5945ΔRichardson Edwin H ⓪
5949ΔFoerst Chester L ⓪
5950ΔRessier Edwin P ⓪
5955ΔVorhis Blanche W Mrs ⓪
5959ΔBurns Howard F ⓪
5960ΔCarpenter Harry S ⓪ contr
5961ΔHatley Ben E
5972ΔTwente Robt A ⓪
Sixty-first intersects

NEW JERSEY S — From 400 E Washington south to Raymond
2-10 Vacant
12 Buis Cleve cigars
14 Vacant
16ΔHaughton Elevator Co
18ΔGlass John M Co foundry supplies
Pearl intersects
Union Tracks cross CCC&StLRy crosses
231-35ΔStewart-Carey Glass Co
Carey Realty Co
Louisiana intersects
Virginia av intersects
302 Cowgill Fred W fruits
306 Vacant
308-10ΔBass W H Photo Co Inc
312-16ΔKatz Max Bar Co Inc
ΔKatz Max & Sons Realty Co Inc
ΔAlabama St Terminals Inc
315 Bova Fruit Co
317ΔSeaman Wm & Co comm mer
319ΔBisesi Paul comm mer
323ΔQuack Albert C comm mer
324ΔRoberts W H & Co comm mer
325 **Fruit Exchange Building**
Rooms:
201 Vacant
202 Vacant
203 Vacant
204 Vacant
205 Vacant
Street continued
325-27ΔKatterhenry W C & Co produce
331ΔLosche Theo & Sons produce
333 Vacant
340ΔFire Station No 30
Pumper Co No 30
Truck No 30
South intersects
402-04ΔGlick H & Co fruits
408-10 **Frederick Apts**
bsmt Harris Abr B custdn
Apartments:
1 Burton Walter
2 Puett John W
3 Venezia Saml
4 Moulton Leon
Harrison Clarence
5 Galbreath Ralph N
6 Nevins Virgil L
7 Smith Kirby R
8 Shupinsky Harry
9 Egan Bernard
10 Harris Clifford P
11 Venezia Salvatore
12 Rehak Robt
E Empire intersects
422 Venezia Bros (whse)
424 Bloomington Basket Co (whse)
Stevens pl intersects
426 Corsaro Danl F fruits
426½ Barnes Elmer
428ΔCaito Jos ⓪ fruits
430ΔCaito Aug ⓪
434-36ΔCaito & Mascari comn mers
bsmt Caito Aug fruits
Henry intersects
502 Alta Rose Mrs
503ΔHalbrook & Zink fruits
510ΔSaughnesy Mary
511-19 Vacant
520 Vacant
529 Vacant
531ΔHeury Geo A ⓪
543 Braden Love D
543½ Wethington Marvin
545 Conover Lee
545½ Russell Mary Mrs
Merrill intersects
601-15 May N Clyde (stge)
609 Dorkin Byron B
610 Vacant
616 Schortemeier Eliz
620 Ellis Harley W ⓪
621 Meirer Chas E
624 Holbrook Leonard A
624½ Schultz Edw T
625 Griebelbauer Wm
626 Skinner Guy C
626½ ΔZink Ervin
Brown Victor
628 Kidwell Virgil
629ΔLake Louise M ⓪
632 Heavrin Lyle J
633 Price Wm T
636 Walls Dewey
637 Hoffman Carl F ⓪
638 Richards Chas W
640 Provenzano Salvatore
641 Lucas Frank H
644ΔRay Mich ⓪
645ΔColl Josephine G Mrs ⓪
648 Bruns Fred jr
649 Gunsett Chas A ⓪
652 Conyers Chas
653ΔMicell Providence Mrs ⓪
656 Vacant
657 Vacant
660ΔSnyder Clara R Mrs ⓪
661ΔLunday Dallas T ⓪ elec contr
Norwood intersects
701 Adams Earl L
701½ Moore Oscar A
703 Clark Jiles O
703½ Born Leroy F
704 Alexander Lester
706 Lewis Edw A
710 Stellhorn Lester F
713 Miller Chas H
714 Anderson Josephine A Mrs
715 Eggerding Louis F
717ΔZorn Hans M Rev
721 St Paul's Evangelical Lutheran Church
722 White Ernest A
726 Johnston Fred M
McCarthy intersects
802 Vacant
809 Rollison Guy G
813ΔHillman Carl F ⓪
817 Knott Chas L
821ΔRay Jos T ⓪
825 Feld Godfrey ⓪
829 Adamson Opie B
833 Wainscott Max
835 Stout Robt T
Wyoming intersects
901 Giordano Rose Mrs ⓪
901½ Huguett Floyd G
902ΔMazza Nunzio ⓪
903 Pennington Toy
906 Roller Fredk C
906½ Fuhrman Esther Mrs ⓪
909 Mercurio Ida Mrs ⓪
910 Pressnall Paul W
rear Montessano Prospero
913ΔRiggin Richd P ⓪
914ΔRichey Chas J ⓪
917ΔLombardo Aug ⓪

CHAMPE & GARLAND COAL COMPANY

At Your Service Every Day in the Year

Phone WAbash 4543

NEW RIVER SMOKELESS WHITE OAK COAL — POCAHONTAS COKE

Night Phones HI 0962 HU 1948

1422 W. 30th St.

REAL ESTATE

THE UNION TRUST COMPANY
120 East Market St.
Handles Real Estate, Collects Rents, Attends to Repairs and Improvements

NEW JERSEY S—Contd
918ΔHerford Fred T ⓪
922ΔMiller Thos H ⓪
925 Vacant
926ΔBrock Clarence R ⓪
929ΔAdolay Ernest E ⓪
933ΔHaas Augusta Mrs
934ΔBok Henry A
935 Romano Salvatore
Bicking intersects
936ΔBova Jos ⓪ fruits
937 Walthall Jas A
937½ Lyons Timothy
938 Lacefield Herman W
939 Gray Wm J
940ΔJackman Walter H ⓪
941 Collins Chas ⓪
944ΔPoehler Re F ⓪
945 Tartar Frank
948ΔCollins Carrol ⓪
951 Pelerce John C
952ΔAlaia Rosario R ⓪
953 Daprile Angelo ⓪
956 Poehler Mary A Mrs ⓪
960 Jackson Walter ⓪
1001 Schaffer Clare E Mrs
1002ΔWelch Roy ⓪
1003 Whittinger Bert E
1005 Dunn Hoy B
1006ΔThurston Dale S ⓪ paperhngr
1007 Clark Clarence
1009 Kramer Geo ⓪ gilding
1010ΔWampner John H ⓪
Wampner Elsa drsmkr
1013 Dirk Eliz Mrs
1014ΔWilliams Carl H
Oliver Cecil
1015 Brewer Lawrence W
1017 Collins Harry L
1018ΔRiley Harrison B
1020 Beyl J Edw
1021ΔKernel Anna Mrs ⓪
ΔMichaelis Clarence W ⓪
1022 Renfro Wendell W
1023 Haag Jos J
1024 Moyer John H
1025 Scott Roy H
1026 Harrison Walter J
1028 Carter Arth E ⓪
1029ΔAmt Hary W
Turner Drive intersects
1030 Swails Wesley
1032ΔHarper Lawrence E
1033 Jordan Luther W
1035ΔNelson Wm C Rev
1038 Davidson Nora Mrs ⓪
1040 Ellis Eliz Mrs
Prospect intersects
Sanders intersects
Orange intersects
Parkway av intersects
1342ΔHarbaugh Walter ⓪
Terrace av intersects
1402 Finley Robt ⓪
1403 Eaton Jas B
1407 Huber Aug C
1409ΔScott Homer O
1410 Miller Flora Mrs
1411 Koch Fred A ⓪
1412 Roberts Dewey H
1413ΔMiller Jos H
1414 Bickel Gottlieb
1415 Meldrum Harry J
1417 Eaton Arth D
1418 Fidler Chas K
1420 Gehring Edw F ⓪
1421 Morris Edw J ⓪
1422 Suess Norman M
1424ΔMullen Wm A ⓪
rear Wilson Jas ⓪
1425ΔShively Jas E
ΔMessham Miriam C Mrs nurse
1428 Wetzel Herbert E
1429 Zimmerman Clarence H ⓪
1432 Suhr Harold J ⓪
1433 Evans Chas L
1435 Streitelmeier Anna Mrs
1436ΔLeuschner Fred E ⓪
1436½ Braden Robt W
Wright Mamie Mrs nurse
1439 Aley Jas T
1440ΔFreund Bertha M Mrs ⓪
1441 Passwalter Harold
1502ΔHolly Elwin E ⓪
1506 Heck Edna N Mrs ⓪
1506½ ΔSchwartz Ervin
1507ΔMilliken Arth R ⓪
1509ΔCollins Jas W
1510 Iannuzzi Frank ⓪
1513 Scott Hubert I
1514 Guth Edw ⓪
1515 Taylor Estle M
1519 Jochem Mary Mrs ⓪
1520ΔGuth F Adolph ⓪
1525ΔDavis Harley H ⓪
1526ΔFaust Wm H ⓪
1531ΔLoschky Tobias ⓪
1537 Hinz Eliz M ⓪
1538ΔWalmer Henry W ⓪
1539 Schnurr Wm J
1542ΔKreiner Earl R ⓪
1543ΔKappmeyer Wm ⓪
1545 Mangold Louis
1546 Welmer Amelia Mrs
1549 Hogue Alford J
1551 Doane John
1553 Krauss Henry
1555½ Sandifer Otto
Lincoln intersects
LeGrange av intersects
2117 Myers Fred A ⓪
2118 Vacant
2120 Montgomery John T
2121ΔGlozer Otto C ⓪
2122ΔRidgeway Harley C ⓪
2125ΔHendrickson Elsie Mrs
2126ΔNewling Wm ⓪
2129 Catron Chas R
2130ΔSmith John D ⓪
2131ΔBerry John H
2133 Finchum Harry A
2134 Winans Archie A
Brooks Leland P
2135 Johnson Alvie
2137ΔSparks Robt
2138ΔSherman Frank ⓪
2139 Cook Lester L
2141ΔWilliams Clyde
2142ΔVanHorn Benj ⓪
2143 Fisher Chas S
2145ΔMcGee Arth J
2146 Puckett Clinton L
2147 Steinbrook Henry L
2149 Jones Herman
2150ΔBetzner Chas W
2153 Stucker Neldon C
2154 Teeters Magdalena Mrs ⓪
2157 Fleetwood Wesley E
2158 Brooking Jas ⓪
2161ΔMerklin Walter
Thompson Ida M Mrs ⓪
2162 Wright Heston G
2164 Bernethy Robt R
2165ΔGizerich Wm M ⓪
2166ΔStucker Neldon C
2168ΔTyra Preston L
Raymond intersects
2501 Snyder Albert jr
2502ΔKattenherry Walter C ⓪
2505ΔRoembke Clarence F ⓪
2506 Fast Wm B ⓪
2509 Kane Francis E ⓪
2510 Bertel John F ⓪
2514ΔFlora Jas A ⓪
2515 Fahrner Carl F ⓪
2517 VanDeman Elmer E
2518 Patterson Donald F ⓪
2523ΔSauter Hubert W jr
2524 Lipferd Glen H ⓪
2525ΔMass Geo H ⓪
2528ΔSpangler Geo F ⓪
2531 Downer Dorothy I Mrs ⓪
2532ΔHeller Elroy ⓪
2533ΔRoembke Fred W ⓪
2538ΔBurkert Edw J ⓪
3408ΔMurphy Geo A ⓪
3415 Brehob Wm
3417ΔDomrocse Raymond R ⓪
3421ΔPadgett Virgil W ⓪
3425ΔWeaver Chester J ⓪
3428ΔDippel Marinus N ⓪
3429 Talley Emet

NEW YORK E—From 301 N Meridian east to Emerson av and from Audubon rd to Arlington av
ns University Park (Plaza)
ss **Federal Building**
Pennsylvania intersects
100-12 Indpls Star
115ΔFeld Jake Co tires
122 Vacant
125 Stump Fred billiards
126 Overshiner Ruth L Mrs auto parking
127ΔBiehards Wm H printer
128 Vacant
129 Gravos Bros (side ent)
130ΔIndpls Remodeling Co Inc
131ΔLonn Mfg Co Inc valves
133 Vacant
134ΔFleury Electric & Mfg Co
135 Denny Robt F barber (side ent)
136 **Halcyon The**
bsmt Jeffery Geo custodian
Apartments:
1 Davis Irene Mrs
2 Roberts Gladys Mrs
3 Schultz Sally Mrs
4 Stelvater Benj J
5 Patton John E
6 Kolle Geo W
7 Storage
8 Apartment office
9 Smith Dorothy K
10 Blockwood Uray M
11 Murray Susannah Mrs
12 Estes Arth
14 Winkle Nellie C Mrs
15 Parsons Frank
16 Vandenbroeck Mary C
17 Willard Nettie M Mrs
18 Jordan Harry
19 Murphy Cora E Mrs
Street continued
138 Kontos Wm J restr
140 Rosenberger Martin Wall Paper Co (side ent)
Delaware intersects
Massachusetts av intersects
205 **Spann Building**
(For occupants see 251 N Delaware)
206 Vacant
207 Buchman J W title
209ΔBlue Ridge Finance Co Inc
211-15 **Empire Life Building**
bsmt Gilbert Chas D custdn
1st flΔEmpire Life & Accdt Ins Co
Rooms:
200-01 Vacant
202-03ΔDearborn Park Realty Co Inc
Kemper & Co real est
204 Vacant
205ΔEmpire Life & Accident Ins Co (real est dept)
209-24 Empire Life Ins Co (agcy rm)
229ΔMason Bldg Contrs Assn of Indpls
230 Vacant
300-05ΔHaight Davis & Haight Inc actuaries
306-08ΔQuality Letter Service
309-15 Indiana Clipping Service
Construction Digest (bi-weekly)
316 Vacant
317-19ΔGriffin Engineering Co machy
320-21ΔBinford John C lbr
323 Vacant
324 Vacant
325 Vacant
327 DeGraff Raymond C acct
Schutt Rayman L contr
329 Storage
330 Vacant
Street continued
218-24ΔBrehob Edw C auto repr
219-23 East New York Motor Inn auto parking
Hudson intersects
227ΔPavy Arnold R tires
234ΔClark Cecil T auto repr
236-38 Griffin Engineering Co (plant)
240-44ΔSchultz Philip R filling sta
Alabama intersects
se cor Indpls Fire Dept Hdqtrs
Fire Dept Pension Fund
301 Fire Prevention Bureau
302ΔReliable Sales Co whol confrs
304-06 **Vienna The**
bsmt Vacant
Apartments:
1 Clayton Kath
2 Thompson Woodford L
3 Minnix Minnie Mrs
4ΔCrairo Geo L
5 Smith Irene Mrs
6 Foltzenlogel Harold
7 Brown Clarence
8 Bell Fannie L Mrs
9 McGuire Frank H
10 Nitz Steve
11 Mahan Emma Mrs
12 Reynolds Martha Mrs
Street continued
308 Essen Clarence
310 Hawkins Chas
314ΔUnited States Radiator Corp
Pacific Steel Boiler Division
Aspinall J Edwin mfrs agt
317 Municipal Garage (side ent)
319 Fisher Gordon D auto repr
320-24ΔPan-Am Wall Paper & Paint Co
322ΔModern Woodmen of America Building
326ΔBell Fibre Products Corp
Ogden intersects
329 New Jersey St Methodist Ch (parish house)
Hani Albert W
350ΔHoosier Petroleum Co (br) filling sta
New Jersey intersects
401ΔShorter Jas A filling sta
402-04 **Celeste The**
bsmt Greenhalgh Ernest custodian
Apartments:
1 Padgett Willis G
2 Vacant
3 Calvert Alvin C
4ΔHayden John R
5 Frizz Antoinette R
5a Andrews Carl J
6ΔChapman Hannah M
7ΔJohnston Geo L
8 Hunston Norris
8a Thomas Julia Y
9 Harding Frank
10 Courtney Sue S Mrs
10a Hartman Theresa Mrs
Hukriede John F
11 Mayfield Leonard E
12 Vacant
14 Durrill Waren
Street continued

H. P. WASSON & CO.

16 W. Washington

No Seconds or Substandards in Any Department

Phone Riley 7411

J. H. Taylor Transfer & Storage Co.

Local and Long Distance Moving

1006 S. East

PHONE LINCOLN 2414

UNION TITLE COMPANY

Union Title Building 155 E. Market St.

Telephone MARKET 2361-2-3-4-5

ABSTRACTS

TITLE INSURANCE

ESCROWS

We Insure TITLES Anywhere in INDIANA

Bags
Burlap
Cotton
Paper
Twines
Cotton
Jute
Flax
MAX KATZ
INDIANAPOLIS, IND.

SAVE 25%
NON-ASSESSABLE
FIRE--WINDSTORM--AUTO INSURANCE
INDIANA LUMBERMENS MUTUAL Insurance Company
SEE ADV. PAGE 70 BUYERS' GUIDE
LINCOLN 5345

NEW JERSEY S—Contd
2139 Williams Clyde
2141△Phillips Manson H
2142 VanHorn Benj ⊙
2143 Fisher Chas S
2145△Ruark Roy R ⊙
2146 Puckett Clinton L
2147 Stevens Erwin
2149 Jones Herman
2150△Blase Fredk H ⊙
2153 Burnette Carlie C
2154 Teeters Saml R ⊙
2157 Simmons Chas
2158 Tarter Jas M
2161 Henderson Robt P
2162 Smith W Dale
2164 Adams Jett W
2165 Vacant
2166 Vacant
2168 Gigerich Wm M
Raymond Intersects
2501 Vacant
2505 Roembke Clarence F ⊙
2506 Faust Wm B ⊙
2509 Kane Francis E ⊙
2510 Bertel John F ⊙
2514 Flora Jas A ⊙
2515 Fabrner Carl C ⊙
2517 VanDeman Elmer E
2518 Patterson Donald F ⊙
2523 Griffin Earl B ⊙
2524 Lipferd Glen H ⊙
2525△Maass Geo H ⊙
2528△Spangler F ⊙
2531 Downer Dorothy Mrs ⊙
2532 Heller Elroy ⊙
2535△Roembke Fred W ⊙
2538 Burkert Arth S ⊙
3408 Murphy Geo A

NEW YORK E — From 301 N Meridian east to city limits
ns University Park (Plaza)
ss **Federal Building**
Pennsylvania intersects
100-12 Indpls Star
115△Feld Jake Co tires
123△Mar-Air Fan & Electric Co
129 Gravos Bros (side ent)
130△Indpls Remodeling Co Inc
131 Vacant
133 New York Hat Cleaners
134△Fleury Electric & Mfg Co
135 Denny Robt F barber (side ent)
136 **Halcyon The**
Apartments:
1△Davis Irene Mrs
2 Petersen Georgianna Mrs
3 Swatts Elmer A
4 Carter Jas
5 Patton John E
6 Schultz Sally R Mrs
7 Vacant
8 Jeffery Geo
9 Ammon Wm E
10 Donnelly Margt E
11 Vacant
12 Ollphant Lee M
14 Bush Harry F
15 Vacant
16 Hardesty Orpha E
17 Willard Nettie M
18 Richardson Clara E Mrs
19 Cullen Letty B
Street continued
138-40 Rosenberger Martin Wall Paper Co (side ent)
Delaware intersects
Massachusetts av intersects
205 **Spann Building**
(For occupants see 251 N Delaware)
206△Cooper Studio inc photogs
207△Blue Ridge Finance Co Inc
209 Vacant
211-15 **Empire Life Building**
bsmt Gilbert Chas D custodian
1st fl Empire Life & Accdt Ins Co
Rooms:
200-01△Credit Service Co collections
fnd Credit & Finance Service
202-03△Latham Chas contr
204 Vacant
205 Empire Life & Accident Ins Co real est
207 Vacant
209-24 Empire Life Ins Co (agcy rm)
221 Vacant
228 Vacant
229 Mason Bldg Contrs of Indpls
230 Kemper & Co real est
231-32 Vacant
300-05△Haight Davis & Haight Inc actuaries
306-08△Quality Letter Service
309 Vacant
313 Vacant
315 Vacant
316 Vacant
317 DeGraff & Herold accts
318 Schutt Raymond L contr
319 Vacant
321 Vacant
323 Vacant
324 Vacant
325 Vacant
327-28△Ind Clipping Service
Construction Digest (weekly)
New Car Purchaser (daily)
Business Digest (daily)
Used Car Purchaser (daily)
329-30 Vacant
Street continued
218-24△Brehob Edw C auto repr
219-25 New York Motor Inn
225 Tuttle Carl R auto parking
Hudson intersects
227-37 Vaught's Super Service
auto parking and filling sts
228△Indpls Electric Sign Co
234 Vacant
236△Bartenders Union Local No 427
Culinary Workers Union Local No 548
Metal Polishers Buffers Platers & Brass Workers Union No 171
240-44△Lengel Frank A fill sta
Alabama intersects
se cor△Indpls Fire Dept Hdqtrs
Fire Prevention Bureau
302△Reliable Sales Co whol confrs
304-06 **Vienna The**
bsmt Moore Edgar T
Apartments:
1 Lemon Marxt Mrs
2△Agnew Paul C
3 Vacant
4 Christian Theo E real est
5 Miller Arth C
6 Barrett Chas W
7 Mitchell Oscar
8△Krause Olga
9 Cain Sidney E
10 Drinkhut Fred H
11 Malan Emma Mrs
12 Marney Margt
Street continued
308△Oeser Mary B Products Co
Oeser Carl J
Barber supols
Oeser Carl J
310 Hawkins Chas A
314△United States Radiator Corp
Pacific Steel Boiler Division
△Sloan Valve Co plmbg supls
Warden Wayne J plmbg supplies
317 Municipal Garage (side ent)
319△Spearing Edw J & Son auto repr
320-24△Pan-Am Wall Paper & Paint Co
322△Modern Woodmen of America Building
Marion Camp No 3558 (MW of A)
Independent Order Widows Widowers Maids & Bachelors
326 Vacant
Ogden Intersects
329 Parish House New Jersey St M E Church
350△Hoosier Petroleum Co (br)
New Jersey intersects
402-04 **Celeste The**
Apartments:
1 Crawford Jerre R
2 Rhine Geo
3 Partlow Sherman R
4 Beadle F G
5 Fritz Annette R
5a Stoelting Robt E
6 Terry Gladys Mrs
7 Eytchison Lula Mrs
8 Nicholas Clovie C Mrs
8a Crago Geo
9 Harding Frank
10 McLin Hardin T
10a Hartman Theresa Mrs
11 Grant Harold U
12 Padgett Lewis G
14 Cavett O Alvin
Street continued
416△Gallagher Lena Mrs
417 Shorter Jas A filling sta
421△Ritzmann Wm
422△Indpls Salvage Corp
Cleveland av intersects
425 **Roslyn The**
Apartments:
1△Davis Lillian F Mrs
2△Hamel Margt L
3 Camden E L
4 Baum Bernard
5 Vacant
6 Bushore Margt Mrs
7 Flood Clyde
Street continued
429-31△Hartman Jennie Mrs ⊙
furn rms
430△Sink Auto Sales (used cars)
431△Rusher Frances A Mrs
435-37 Savage Addie Mrs furn rms
Savage Geo T
436 Harding Melissa Mrs restr
439△Whitaker & Garrison filling sta
East intersects
501 First Evangelical Church
512 Loucks Agnes Mrs
515 Sanders Jos B Mrs
516 Johnson Lena Mrs
517 Wildrick B Frank
519 Marley Ida Mrs
520 Brown Hattie E Mrs
521 Nicholson Kate Mrs
523 Wilson Earl
523½ Yates Helen Mrs
524 Sims Mabel G Mrs
527 Guggenheim Anna Mrs
528 James Amos
529 Sage Betty M Mrs
531 Hockemeier Rena Mrs
532 Vacant
536 Lyman Helen Mrs
540 McGinnis John
544 Marks Jennie Mrs
555 Morrison Fred used cars
Park av intersects
601-03△Greenberg Louis gro
605 Power Louise Mrs
608 Brown Josephine Mrs
609 Kidwell Grace Mrs
610 McFall Wm M
611 Brough Wm F
613 Bohanon Geo
615 Mescall Harry E
△Moore Clara Mrs
616 Shipp Harvey H
619 Wilkerson Chas
620 Lynn Geo A
621 Beck Frank R
634 Sanders Auto Co used cars
638△Riess Charlotte D Mrs ⊙
640 McGinness John H
658 Spray Velma B barber
658△Holtman Chas plmbr
660△Stuckwish Martin F gro
Noble intersects
702 Slack Fonley restr
702½ Youree John J
Barnhart Edw P
704 Capitol City Cleaners (br)
707 Vacant
708 Patton ——
709 O'Neill Anna L Mrs
Boetcher Henry
710△Stoddard Elmer ⊙
711 Rose Lawrence E
713 Mattingly Jos M
714 Mattingly Adrian J
715 Sowders Wm G
716 Vacant
Spring intersects
719△Lines Winfield S ⊙
720 Cox Jas F
723 Becker John ⊙
724 Walker Violet F
725 Burford Nellie Mrs
726 Sowders Wm G
Fulton Intersects
740 Cox Walter M
743△Schifferdecker Chas tavern
745△Schifferdecker Theo J filling sta
Davidson Intersects
801△Wake Up System (br) filling sta
806½ Healy Edw L
Letzinger Theresa Mrs
Fox Robt H
812 Davis Clarence A
814 Rhoades Paul E
817 McBain Geo
818 Dwigans Jas J
820 Ganter Adda ⊙
821 Bates Wayne R
822 Black Clyde
825 Tindall Wilbur O
827 Liggans Opal F Mrs
831 Bruce Vada Mrs
Pine Intersects
901△Home Lumber & Supply Co
914 Baxter Sarah A Mrs
CCC&StLRy intersects
1001△Camp E Plywood Co Inc veneers
△Tripp Warehouse Co
1009△Gasteria Inc filling sta
1011 Moore Jas Edw H filling sta
1012△Moorman Edw H coal
1048 Warner John A
1050 Flora Theo R
1056△Johnson Wm L
1058 Wigal Wayne W
1060 Vacant
Dorman Intersects
ss Highland Square Park
1102 Gerbir Golda Mrs
1104 Yerden Mary Mrs
1106 Mason Madeline Mrs
1108 Scott Leo A
1108½ Moore Robt
Carr Chas F
1110 Vacant
1112 Johnson Russell
1150 Pickering Basil W
Highland av intersects

BALLARD'S DAIRY PRODUCTS
To your door daily
NONE BETTER
LI 2526

MONARCH MOTOR CO.
Buick Sales and Service
1040 N. MERIDIAN TEL. RILEY 3347

Ford
C. O. Warnock Co.
FORD CARS, PARTS, SERVICE
813-823 E. Washington Tels. Lincoln 8396-7

NEW YORK E—Contd
1201 Fenton Timothy M ⊙
1202-04△Bloemker E Fred gro
1205△Sweeney Thos P ⊙
1206 Colgrove Edith R Mrs ⊙
1209△Cavaghan Jas ⊙
1210△Brennan Richd A ⊙
1214 Vacant
1215 Wernsing Henry G ⊙
1215½ Anderson Pearl Mrs
1217 Laglor Frank L ⊙
1218△Keppel Harvey J ⊙
1221 Christner Oscar D
1222△Wernsing Geo ⊙
1301△Moorman Edw H ⊙
1302 Davis Halbert Y
1305△Cunningham Ora W
1306 Roberts Mary Mrs ⊙
1309 Moran John J ⊙ contr
1310 Finehout Lee R ⊙
1310½ Oler Laura A Mrs
1311 Ellis Earl R
1313△Swern Ferdinand G auto repr
1314 Breedlove Oral E ⊙
1315 Hanley Maurice H
1317△Grieb Geo V ⊙
1318 Stephenson Albert W ⊙
1321 Baker Lewis S
1322△Straw Wm J ⊙
Oriental intersects
1401 Kercheval Walter F
1402 Collins Walter A
1403△Foley Jeremiah J
1404△Hofstatter Louise M Mrs ⊙
1405△Jones Saml
1406△Schwier Wilbur C ⊙
1409△Reilly Cath Mrs ⊙
1412 Keehn Willard
1413 Shea Mary A Mrs
1414△Libking Anna R Mrs ⊙
1415 Hyle Ervin M ⊙
1417△Droege Fred
1418△McGrayel Mary C Mrs ⊙
1419△Prange Anton H ⊙
1421 Tsokus Nicholas
1422△Wiemhard Casper C ⊙
1423 Kelley Otis G
1425 Gairo Jos
1427 Marmon Jos
1429△Burke Jas F ⊙
1430△Hinchman Wm M
1431 Stanger Wm M
1432 Hull Alonzo C
1433 Schoppenhorst Francis W
1435 Schoppenhorst Anna K Mrs ⊙
1438 Miller Mary C Mrs ⊙
Arsenal av intersects
Summit intersects
1601△Grinstelner's funeral home
1620 Ernsting Harry auto repr
1621-25△Mosiman L B Corp furn mfrs
1630△Jones Kenneth P filling sta
State av intersects
1717 Randall Ernest E
Randall Flossie Mrs confr
Davis Ralph
Walcott intersects
Parkview av ends
Randolph intersects
Hendricks pl ends
2030 Yelton Clarence C
2032 Vacant
Hamilton av intersects
2115 Ruth Saml L
2151△Hiner Clarence J phys
2153 Stadler Frank jr shoe repr
2155△DePoy Clellah Mrs radios
2157△Landes Grace E Mrs beauty shop
2159△Slaughter Jas E gro
2161△Gentry's Pharmacy
Jefferson av intersects
2201△Depoy Ray E
2202 McCullough Harry
2203△Hensel Chas
2204 Lehman Edw A
2205 Dixon Fredk O
2207 Wilson Frank E
2209 Conley Geo E
2210 Frederickson Wayne C
2211 Ash Chas L
2212 Hofer Clifford R
2215 Bogue Saml A
2219 Cossey Rollin J ⊙
2222 Craig Howard M filling sta
2225-29△Cossey Rollin J tire repr
Beville av intersects
2301 Herald Lucy F Mrs
2305△Pollock Murl R ⊙
2308 Baird Clarence F ⊙
2309△Mullikin Edw T ⊙
2312△McGinnis Edw C
2315 Heger Carrie Mrs ⊙
Hendricks Carl C
2316△Noelle Wm F ⊙
Keystone av intersects
2401 Giles Jos F filling sta
2402△James Leo A elec contr
2403 Polar Ice & Fuel Co (br)
2416 Shelby Ervin B filling sta
Tacoma av intersects
Temple av intersects
se cor East Park Methodist Ch
2609△Smith Golden A Rev
2611△Coffer Walter C
2621△Dickmeyer Wm F ⊙
Eastern av intersects
2702 Collier Maurice
2704 Baren Hyman
2706 Deck Donald E
2708 Talkington Clifford J
2710△Hillebrand Ernest C G ⊙
2713 Indpls Star Sub Sta
2714 Weaver Benj C
2716△Powell Robt W
2718△Smith Eliz Mrs ⊙
2719 Keller John C filling sta
2720 **Apartments**
1 Boyce Nora F Mrs
2 Curds Earl A
3 Rhamey John L
4 Mueller H Albert
Street continued
2726-28 Standard Gro Co (br)
Rural intersects
2801 Vacant
2803 Clark Thos L gro
2805△United Elec Radio & Mach Workers Local No 1001
2807 Hiatt Lyle R barbsr
2809 Hiatt Jean beauty shop
2811△New York Poultry Co
2817 Pulper Saml H
2818 Hill Arth E ⊙
2819 Swayze Earl W
2821 O'Neill Timothy ⊙
2822△Ryan Minnie Mrs
△Klinger Gertrude E Mrs beauty shop
2824 Jones Maud H
2825 Sulgrove Henry A ⊙
2826△Reasner Albert W ⊙
2829 Masterson Valerie Mrs
2830△Patterson Lawrence E
2831 Beatty Edw
2832 Bell Robt C
2835 Richardson Owen S ⊙
2836 Wiemhard Estella M Mrs
2838 Holmes Wm E
2842 Neenan John M
2850 Harmon Nettie V Mrs ⊙
sw cor St Matthew Evan Lutheran Ch
Oxford intersects
2906 Harshbarger Leslie C auto repr
2909△Rude Edith E Mrs
2910△Smith Jas F ⊙
2911 Metcalfe Nathan G
2914△Barshier Wm D
2915 Hashbarger Leslie C ⊙
2916△Kitchen Luther C
2917△Jones Victor P
2919△Kramp Otto E ⊙
2922 Beckman Frank A
2923 Beau Wm A ⊙
2924 Anderson Edw C ⊙
Parker av intersects
2926 Hillebrand Alf E filling sta
2927 Vacant
2931 Sims Willard L
2935△Rabke Carl W
Oakland av intersects
3001△MacDonald Geo R
3004 Floyd Herbert F
3005△Beckett Thos M ⊙
3009△Evans Eben E ⊙
3013△Putman Avery G ⊙
3016△Hiner Charles J phys
3017△Hinchman Ernest J ⊙
3026 Powell Edwin A
3028 Morelock Paul
3030△Beck Russell
3032 Sweeney Jas M ⊙
3036 Edwards Bert R
Gray intersects
3102△Jordan Effie Mrs
3104 Vacant
3107△Weisenberger Frank ⊙
3108 Kelly Herbert L
3109△Kistner Ludwig Mrs ⊙
3110 Cantrell Robt J
3112 Koser Robt R
3113 Spiegel Jos ⊙
3114 Woods Walter E
3115 Boehm Josephine M Mrs ⊙
3118△Scarborough Irvin J ⊙
3121△Schumacher Pauline W Mrs
3122 McCormick Thos A ⊙
3125△Dressendorfer Chas A gro
Dearborn intersects
3202-04 Hoosier Fence Co (br)
3203△Knotts Chas C ⊙
3205△Clifton Jos A ⊙
3209 Chambers Otis ⊙
3210 Smith Carl G ⊙
3214△Reich Eliz E Mrs
3215 Lucas Howard F
3219 Walters John
3220△Bowne Emma J Mrs
3221 Berkshire Harry W
3222△McCarthy Ruby E Mrs
3223 Blue Ribbon Ice Cream Co (br)
3224 Doolittle Rilus D
LaSalle intersects
3301 Kealing Marshall E filling sta
3302 Lucas Dani V gro
3304 Barth Walter B barber
3306-08△Hohn Raymond G 2d hd furn
3309 Billing Ernest
3312 Halle Chas H
3314 Smith Edw L
3315 Kenney Aloysius D
3316 Spear Jas B
3317 Brown Orzo A
3318 Clark Woodrow W
3319 Wilkerson Robt L
3320△Seyfried Michl
3321 Embry Jas F ⊙
3322 Seyfried Michl sheet metal wkr
3325 Abner Luella Mrs
3328△Sadler Martha J beauty shop
3329 Hare Geo W ⊙
3330 Day Ralph J
3334 Crisup Alva H
3335 Thompson Wm F
3337 McMullen Ralph H
3338△Tuxedo Coal Co Inc
△Mosier Dempsey H coal
Tuxedo intersects
3401△Eastern Coal Co
rear O'Donnell Alvin E
3402 Moore Wm S ⊙
3404 Turner Oil Co filling sta
Belt RR crosses
3502-10△Blakley Granite Co
3516 Darrington Delbert L filling sta
Indian Refining Co (bulk plant)
3520△Powell O Vaughn
Gale Intersects
3521△Brannum-Keene Lbr Co
Anti-Mite Engineering Corp termite proofing
3522 Scott Jos C
△Scott Edna Mrs beauty shop
3523 Hamilton Benj E contr
3525△Langston Andrew J ⊙
3527△East Wm O
3529△Billingsley Jas L ⊙
3531△Albaugh Everett Z ⊙
3532△Stumph John R ⊙
3536△Lindholm Harold W ⊙
3540 Maple Verner E ⊙
3546 Nichols LeRoy J R
3550△Wood Wm O ⊙
rear Wood Wm O auto repr
Brookville av intersects
3602△Daugherty Jas M
3604△Bicker Emma E Mrs ⊙
3605 Butze Henry F restr
3606 Cooper Jas W
3607 Butze Henry F
3608 Whisler Bert L
3610 Sachs Odis J
3612 Hart Frank M
3614△Cunningham Willard L ⊙
3616 Nall Jas H
3618 Swift Walter B
3620△Lomax J Paul
3622 Farrell John J
3624 Woessner Leon
3626△Fawcett Frank E
3628 Floyd Robert E
3629△Flory I Jack
3630△Worley Claude M ⊙
Kealing av intersects
3702△Blocher Harry L
3703 McCormick Thos
3704 Patterson Paul A
3707△Ricketts Robt
3708△Black Chas H
3709△Pannell Robt F ⊙
3710 Nihiser Arth D
3712 Fenter Godfrey L
3714 Dodson Agnes Mrs
3715△Harking Grace E ⊙
3716 Fagan Mary C Mrs
3718 Morrison John G
3719 Vacant
3720 Enoch Arth W
3721△Eastes Frank O contr
3722△Montague Edw L funeral dir
3723 Dwire Wm H
3725△Cuykendall Harry L
3730△Bennett Oliver E
3739△Joseph Jos M ⊙
Sherman Drive intersects
3801 Burk Richd H filling sta
3802 Vacant
3807-09 Kroger Gro & Bkg Co (br)
3810 Halsey Thos E
3811 Osborne Geo R barber
Andrew Mary F beauty shop
3812△Gorman Wm
3815△Boden Francis T jr baker
3819 Standard Grocery Co
3825△Taylor Radio Co Inc
Bradley intersects
3838 Mueller Fred G
3839 Rappold John P
3842 Scoggan A Wesley
3844 Dietz Geo T
3846 Tanco Frank
3848 Buchanan Herbert J

Wege Marble and Tile Co. of Ind.
Marble Floors and Wainscots
Tile Floors and Wainscots
Structural Slate
Slate Blackboards
Terrazzo and Composition Floors
Rubber and Cork Floors
Glass Wainscots
333 N. Penn Suite 925
Tel. Riley 7531

BEST LINEN SUPPLY
We Rent
Sterilized Linen
Coveralls
Aprons
Coats
Towels
Washed With Ivory Soap Exclusively
Tel. Riley 2555
30 N. Senate

GUARANTEE TIRE & RUBBER CO.
Auto Supplies, Radio, Fishing Tackle, Guns, Ammunition, Storage Batteries, Woodworking Tools, Auto Tires, Bicycles, Bicycle Tires, Replacement Parts, Camping Supplies
19 STORES TO SERVE YOU
General Office: 502 No. Capitol Ave. Tel. Riley 7391
See other listings for store locations

STANDARD ACCIDENT INSURANCE COMPANY
OF DETROIT, MICHIGAN
"STANDARD SERVICE SATISFIES".
Indianapolis Agency— 605-9 FLETCHER TRUST BLDG. Phones LINCOLN 7505-6
HAL C. MEYER ..RESIDENT MANAGER.

NEW JERSEY S—Contd
1412 Johns H Darr
1413 Ward Mary C Mrs ⓪
1414 Marsh Keith S
1415 Smith Isaac N ⓪
1417 Schill Ernest
1418 Russell Saml J
1420 Schumaker Marie E Mrs
1421 Morris Edw J ⓪
1422 Mikels Danl L
1424 Mullen Wm A ⓪
rear Wilson Jas
1425 Willenborg Jos A
1428 Silcox Frona Mrs
1429 Zimmerman Clarence H ⓪
1432 Suhr Flora Mrs ⓪
1433 Evans Lester C
1435 Allee Hanford N
1436 Schwarz Marst Mrs ⓪
1436½ Leuschner Fred E
1439 Serbin Jacob
1440 Freund Fred A ⓪
1441 Strelow Robt C ⓪
1501 Vacant
1502 Schomberg Wm A
1505 Vacant
1506 Kline Alfarata J Mrs ⓪
Singer Oscar C
1507 Millikan Arth R ⓪
1509 Collins Jas W
1510 Carruthers Mary Mrs ⓪
1513 Myers Wm C
1514 Guth Emilie Mrs ⓪
1515 Vacant
1519 Jochem Chas ⓪
1520 Guth F Adolph ⓪
1525 Tipton Ray S ⓪
1526 Faust Wm H ⓪
1531 Vacant
1537 Hinz Peter ⓪
1538 Stahlhuth Ernst W
1539 Vacant
1542 Wilson Jas W ⓪
1543 Kappmeyer Wm ⓪
1545 Schulmeyer Dorothy Mrs ⓪
1546 Welmer Amelia Mrs
1549 Vacant
1551 Junett Dale W
1555 Vacant
1555½ Fleming David A
Lincoln intersects
LeGrande av intersects
2117 Myers Fred A ⓪
2118 Jelinek Frank
2120 Lucas Gabe B
2121 Gloger Otto C ⓪
2122 Pieper Herman ⓪
2125 Howell Arth P
2126 Smith John D
2129 Kincaid Lon
2130 Pieper Fred ⓪
2131 Vacant
2133 Montgomery John T
2134 Roark Artie W
2135 Burnette Carlie C
2137 Lucas Spurgeon S
2138 Sherman Frank ⓪
2139 Hall Farrell M
2141 Phillips Manson H
2142 VanHorn Benj ⓪
2143 Fisher Chas F
2145 Ruark Roy R ⓪
2146 Smith Lonie A
2147 Blankenship Ralph R
2149 Dillard Lewis R
2150 Blase Fred H ⓪
2153 Hammerschlag Emanuel
2154 Land Wm P
2157 Underwood Chas E
2158 Griffith Marion O ⓪
2161 Thompson Crawford W ⓪
2162 Whitcomb Lowell L
2164 Sells Frank R
2165 Belcas Geo S
2166 Helms Harriette Mrs
2168 Vacant
Raymond intersects
2501 Collier Albert
Radtke Albert
2505 Roemhke Clarence ⓪
2506 Faust Wm B ⓪
2509 Kane Francis E ⓪
2510 Bertel John F ⓪
2514 Elza Jas A ⓪
2515 Vacant
2517 VanDeman Elmer
2518 Jankowiak Jas H ⓪
2522 Griffin Earl B ⓪
2524 Linford Glenn H ⓪
2525 Patterson Donald F
2528 Spangler Geo F ⓪
2531 Boeldt Carl J
2532 Heller Elroy
2535 Roemhke Fred W ⓪
2538 King Geo A
3408 Murphy Geo A

NEW YORK E — From 301 N Meridian east to city limits
ns University Park
ss Federal Building
Pennsylvania intersects
100-12 Indpls Star
115 Feld Jake Co tires
118 Sterline Cleaners
120 Vacant
122 Goldsmith & Hunsucker cigars
123 Rapid Photo Finishing Co Inc
124 Central Hotel
125-27 Griener C E Co Inc lawn mowers
126 Wilson Russell H restr
128 Landreth C P Electric Co
129 Graves Angel restr
130 Vacant
131-35 Leon Tailoring Co
134 Fleury Electric Co
Fleury Louis A mfrs agt
136 Halcyon The
bsmt Jeffery Geo custodian
Apartments:
1 Wood Jennie Mrs
2 Jackson J W
3 Oda Glenn Mrs
4 Oliphant L
5 Patton John E real est
6 Katsoulis Jas
7 Vacant
8 Gaston Geo B (office)
9 Vacant
10 Baker E Ellz Mrs
11 Vacant
12 Vacant
13 Vacant
15 Vacant
16 Vacant
17 Armstrong Rose L
18 Newby Jas S
19 Biddlecomb Fred T
Street continued
138-40 Rosenberger Martin Wall Paper Co
Delaware intersects
Massachusetts av intersects
205 Spann Building
(For occupants see 251 N Delaware)
206 Cooper Studio Inc photo fnshrs
207 Blue Ridge Finance Co
209 Hanger J E Inc artificial limbs
211-15 Empire Life Building
bsmt Gilbert Chas D custodian
1st fl Empire Life & Accdt Ins Co
Rooms:
200-01 Credit Service Co collections
202-03 Latham Chas hldr
Walters Harrison office
204 Jones Thos K real est
205 Cox Earl Letter Service
207 Dearborn Park Realty Co Inc
209 Vacant
210-12 Vacant
213-14 Vacant
215-24 Empire Life Ins Co (agcy rm)
228 Dee Wm E Co brick mfrs
229 Associated Bldg Contrs of Ind
230 Edwards & Snodgrass real est
300-05 Haight, Davis & Haight actuaries
306-07 Elb Art Studio coml artists
308 Henkle Lenore S Mrs multigraphing
309 Alama Sales Mfg Co
311 Vacant
312 Vacant
315 Koo-Lox Mfg Co typewriter supplies
316 Vacant
317 Labor Press (monthly)
318 Vacant
321 Hayes & Whitaker accts
Palli-Dust Co road contrs
Western Coaching Bureau correspondence sch
323-24 Vacant
325 Hornsby Harvey B Film Publicity
327-28 Ind Clipping Service
Construction Digest (weekly)
New Car Purchaser (daily)
Business Digest The (daily)
329 Vacant
330 Vacant
Street continued
218 Brehob Eddie C auto repr
219-23 Lydy David & Co auto parking
220-24 Brown Benj garage
Hudson intersects
227 Vacant
234 Kootz Wm W auto repr
236 Silent Salesman Co Inc novelties mfrs
237 Vacant
238-44 Vacant
Alabama intersects
se cor Indpls Fire Dept Hdqtrs
Fire Prevention Bureau
302 Vacant
304-06 Vienna The
bsmt Wilcox Edgar T
Apartments:
1 Massa Charlotte Mrs
2 Miller Wm L
3 Ware Clement
4 Tarlton Lora C
5 Miller Arth C
6 Barrett Chas W
7 McNulty Mamie
8 Marney Margt Mrs
9 Terhune David T
10 Townsend Geo M
11 Nels Jas
12 Jaeger Minnie Mrs
Street continued
308 Brinkman Chas F printer
310 Pierce Helen
314 United States Radiator Corp
317 Municipal Garage
319 Indpls Motor Service
320-24 Pan-Am Wall Paper & Paint Co
322 Modern Woodmen of America Bldg
326 Vacant
Ogden intersects
329 Parish House New Jersey St
M E Church
Helms Thos J
350 Hoosier Petroleum Co fill sta
New Jersey intersects
401 Pure Oil Co fill sta
402-08 Celeste The
Apartments:
1 Williams Grover phys
2 Brown Claude
3 Doyle Edw
4 Fisz Antoinette R
5 Orr Gustavus J jr
6 Vacant
7 Harnish J
8 Vacant
9 Vacant
10 Vacant
11 Larson Emma
12 Vacant
14 Vacant
Street continued
416 Vacant
421 Ritzmann Wm
422 Indpls Salvage Corps
Cleveland av intersects
425 Roslyn The
Apartments:
1 Davis Lillian F Mrs custodian
2 Vacant
3 Howlatt Gertrude F Mrs
4 Hauk Jos E
5 Sawyer Frank D
6 Vacant
7 Vacant
Street continued
429-31 McDonald Duncan A
434 Gunion Raymond
435 Vacant
436 Eichrodt Augusta Mrs restr
437 Vacant
439 Sinclair Refg Co fill sta
East intersects
501 First Evangelical Church
512 Green Andrew J
515 Vacant
516 Keller Lena Mrs furn rms
517 Vacant
519 Clary Margt Mrs
520 Brown Hattie E Mrs
521 Vacant
523 Cline John M
523½ Helms Grace M Mrs
524 Grimes Anna E Mrs
527 Vacant
528 Vacant
529 Vacant
531 Hoeltkemeyer Irene A Mrs furn rms
532 Vacant
535 White Jos
536 Hardesty John H
537 Purvis Oliver T
539 Elliott Walter
540 Vacant
541 Kenyon Geo S
543 Herrick H B
544 Vacant
545 Demas Anthony H
Liberty intersects
601 Greenberg Louis gro
601½ Greenberg Louis
604 Brennan Pearl L Mrs
605 Harrold Harvey H
608 Lyons Walter O
609 Vacant
610 Roberts Chas C
611 Norris Mary H Mrs
613 Wilson Earl
615 O'Rear Wilbur D
rear Brown Mary E Mrs
616 Whitaker Jessie M Mrs
Callaway Homer E
619 Stakley Wm A
620 Lynch Geo A
620½ Vacant
621 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
622 Vacant
627 Vacant
631 Vacant
633 Stout J Henry
638 Siebolt Anna Mrs ⓪
640 McGinness John H
656 Taylor Lewis C barber
658 Holtman Chas plmbr
660 Stuckwish Martin F gro
Noble intersects
702 Standard Gro Co (br)
702½ McIntyre Eva Mrs
704 Capitol City Cleaners (br)
704½ Vacant
707 Vacant
708 Cox Jas F
709 O'Neill Michl F ⓪
710 Stoddard Elmer ⓪
711 Rose Lawrence E
713 Briner Geo O
714 Bogard Mae E Mrs
715 Sowders Wm O
716 New York Linoleum & Rug Co
Spring intersects
719 Apartments
1 Johnson Floyd
2 Lines Winfield S ⓪
3 Vaught Chas
4 Cohron Jas M
Street continued
720 Lunsford Jas J
723 Baker John R ⓪
724 Devine Clifford A
725 Vavul Wm G
726 Hill Benj
Fulton intersects

Diamond Loans
LOW RATE
RESPONSIBLE FIRM
DIRECTORS:
G. A. Efroymson
H. P. Leiber
J. A. Collins
F. Vonnegut
H. Langsenkamp
P. C. Reilly
R. Bamberger
M. M. Dunbar
W. J. Mooney
Public Welfare Loan Assn.
330 OCCIDENTAL BLDG.
Telephone Ri. 3587
Confidential Service
FURNITURE LOANS

SHOLTY MOTOR CO. Inc.
16 YEARS AT 5436 E. WASHINGTON
THE RELIABLE
for Economical Transportation
CHEVROLET
DEALER
Complete Service Painting and Rebuilding
KNOWN FOR SQUARE DEALING
Tel. IR. 1124

MANUFACTURERS SUPPLY CO.
ELECTRIC MOTORS Any Size Every Type
MACHINE PRECISION AIR TOOLS TAPS, DIES DRILLS REAMERS
AIR COMPRESSORS MILL SUPPLIES
We Buy and Sell Salvage Stocks
WE CAN SAVE YOU MONEY
1101-31 W. MORRIS LINCOLN 4346

Indianapolis Power & Light Company
It Costs No More To Buy—
GUARANTEED ELECTRIC APPLIANCES
48 Monument Place
Phone Riley 7621

SAVE 25%
FIRE—WINDSTORM—AUTOMOBILE
Indiana Lumbermens Mutual Insurance Co.
MUTUAL INSURANCE BLDG. LINCOLN 5346

NEW YORK E—Contd
740 Vacant
745 S and S Service Station
Davidson intersects
805 Bean John C
806 Shriner Chas
811 Butler Boston
812 Norris Stanley L
814 Tucker John D
817 Downs Wm M
818 Bruce Vada Mrs
820 Ganter Adda ⓪
821 Francis Jacob A
823 Cotton Mayme Mrs
825 Barnard Frank C
827 Jackson Walter
831 Brown Anna
Pine intersects
901 Home Lumber & Supply Co
914 Scott Earl
924 Municipal Asphalt Plant
COC&StLRy intersects
1001 American Transportation Co
Harris Forwarding Co
1009 Gasteteria Inc filling sta
1010 Moorman E H fill sta
1012 Moorman Edw H coal
1048 Rhodes Robt
1050 Liddle Jas
1056 Wessel Jas S
1058 Drews Geo
1060 Vacant
Dorman intersects
ss Highland Square
1102 Vacant
1104 Summers Geo D
1106 Johnson Clay
1108 Masters Bert custodian
1108½ Park Apartments
Apartments:
1 Vacant
2 Boat Alf N
3 Tisler Geo M
Street continued
1110 Vacant
1113 Crisp Bernice
1150 Crouch Robt D
Highland av intersects
1201 Fenton Timothy M ⓪
1202-04 Bloemker Ernst F gro
1205 Sweeney Thos P ⓪
1206 Colgrove Eda Mrs ⓪
1209 Gavaghan Jas ⓪
1210 Brennan Richd A ⓪
1214 Keller Floren A ⓪
1215 Vacant
1217 Lagler Frank L ⓪
1218 Geppel Harvey J
1221 Hitch Wilbur J
1222 Wernsing Geo ⓪
1301 Moorman Edw H ⓪
1302 Oliver Albert J ⓪
1305 Schauinger Leo C
1306 Roberts Bertha C Mrs ⓪
1309 Moran John J ⓪
1310 Fünehout Lee R ⓪
1310½ Oler Laura S Mrs
1311 Christner Oscar D
1313 Swern Ferdinand G auto repr
1314 Bressilove Oral E ⓪
1315 Vacant
1317 Grieb Geo V ⓪
1318 Meyer Theo G
1321 Lamirian Kath Mrs beauty shop
1322 Straw Wm J ⓪
Oriental intersects
1401 Varmo Emil
1402 Greenlees Jas M
1403 Foley Jeremiah J
1404 Hofstatter Louise M Mrs ⓪
1406 Sears Martin F ⓪
1406 Persell Bert
1409 Reilly Cath Mrs ⓪
1410 Klefiker Edw W
1413 Shea Geo A ⓪
1414 Libking Anna C Mrs ⓪
1415 Ryle Ervin M ⓪
1417 Johantgen Lawrence J
1418 McGravel Mary C Mrs ⓪
1419 Prange Anton H ⓪
1421 Key Jody
1422 Reinhard Casper C ⓪
1423 Klain Michl J
1425 Powell Otis D
1427 Vacant
1429 Burke Nora M Mrs ⓪
1430 Vacant
1431 Mix Gus
1432 Prall Garfield
1435 Schoppenhorst Francis W
1435 Schoppenhorst Anna Mrs ⓪
1438 Moorman Jos E
Miller Mary C Mrs ⓪
Arsenal av intersects
Summit intersects
1621 Mosiman L B Corp furn mfrs
State av intersects
Walcott intersects
Parkview av ends
Randolph intersects
Hendricks pl ends
2030 Vacant
2032 Vacant
Hamilton av intersects
2115 Ruth Saml L
2151 Piercy & Fessler clo clnrs
2153 Stadler Frank jr shoe repr
2155 Vacant
2157 Horton John N barber
2159 Slaughter Jas E gro
2161 Gentry Carl R drugs
Jefferson av intersects
2201 Gentry Carl R
2202 Arvin Raymond R
2207 Hensel Chas
2204 Vacant
2205 Vacant
2207 Wilson Frank E
2209 Putnam Wm E
2210 Sparks Irvin H
2211 Vacant
2212 Strong John W
2215 Bogue Saml A
2219 Schwartz Wm C
2225 Cossey Rollin J ⓪
2227-29 Cossey Rollin J batteries
Beville av intersects
2301 McCormack Frank
2305 Pollock Murl H ⓪
2308 Frenzelmeyer Margt Mrs
Wallis Lynn B Mrs
2309 Mullikin Edw T ⓪
2310 Vacant
2312 Fleming John W ⓪ contr
2315 Heger Carrie Mrs ⓪
2316 Noelle Wm F ⓪
Keystone av intersects
2401 Natl Refg Co (br)
2402 James Leo A contr
2410 Vacant
2416 Ohio Oil Co fill sta
Forest av intersects
Tacoma av intersects
Temple av intersects
se cor East Park M E Church (br)
2609 Brown Wm R
Brown Jas O
2611 Ulrey Ralph A Rev
2621 Dickmeyer Wm F ⓪
Eastern av intersects
2702 McNebney Herbert
2704 Jarrett C Harold
2706 Robinson Josephine Mrs
2709 Jamison Wm C
2710 Hillebrand Ernest C G ⓪
2713 Workman Clarence H confr
2714 Weaver Benj C ⓪
2716 Porter Beatrice Mrs
2718 Smith Winfield S ⓪
2720 Apartments
1 Griswold Frances H Mrs
2 Heinkel Edw M
3 Chamberlin Maureen Mrs
4 Vacant
Street continued
2726 Standard Gro Co (br)
2727 Standard Oil Co (br)
2728 Smith Market Co (br) meats
Rural intersects
2801 Rosen Betty R fruits
2802 Shell Petroleum Corp (br)
2803 Wilson Mary B Mrs clo clnr
2805 Taylor Radio Co Inc
2807 Andrews & Zuttermeister restr
2809 Murray Wm L barber
Jennings Myrtle E beauty shop
2811 Reasner Albert W poultry
2817 Sheetz Merle C
2818 Orton Amanda B Mrs ⓪
2819 Schaubhut Wm F
2821 O'Neill Timothy ⓪
2822 Klinger Gertrude E Mrs ⓪
2824 Johnson Claude H
2825 Hansler Elizabth Mrs ⓪
2826 Reasner Albert W ⓪
2829 Masterson Moses E ⓪
2830 Fangburn Lawrence E
2831 Vacant
2832 Bell Robt C
2835 Richardson Owen S ⓪
2836 Keyler Gilbert H
2838 Brown Henry M ⓪
2842 Settle Flossie F Mrs
2850 Harmon Matthew H ⓪
St Matthew Evan Luth Ch
Oxford intersects
2906 Owl Garage
McConnell Fred C fill sta
2909 Stewart Wm M
2910 Smith Jas F ⓪
2911 Sampson Andrew J
2914 Barshier Wm D
2915 Erwin Ella Mrs
2916 Kitchen Luther C
2917 Barcus Clarence E
2919 Kramp Augusta Mrs ⓪
2922 Beckman Frank A
2923 Beau Wm A
2924 Anderson Edw C ⓪
Parker av intersects
2926 Webb Jas P
2927 Leslie Frank ⓪
2931 Chisman Cora E Mrs
2935 Robke Carl W ⓪
Oakland av intersects
3001 Bennett Forrest ⓪
3004 Lodwig Benj F
3005 Beckett Thos M ⓪
3009 Evans Eben E ⓪
3013 Putnam Avery G ⓪
3016 Kistner Frank J
3017 Keough Wm F
3026 Scarborough Sidney F
3028 Bramlett Nellie M
3030 Riley Jas F
3032 Sweeney Jas M ⓪
3036 Yorger Louis I
Gray intersects
3102 Chapple Chester I
3104 Johnson Alf H ⓪
3107 Weisenberger Frank ⓪
3108 Young Nicholas E
3109 Kistner Ladwicka Mrs ⓪
3110 Walton Lester E
3112 Bean Ethel C Mrs
3113 Romeril Elbert F
3114 Hare Sadie F Mrs ⓪
3115 Boehm Henry E ⓪
3118 Berfanger John J
3121 Schumacher Pauline W Mrs ⓪
3122 Jeannette Walter W
3125 Dressendorfer Chas A gro
Dearborn intersects
3203 Knotts Chas C ⓪
3205 Clifton Jos A ⓪
3209 Chambers Otis ⓪
3210 Smith Wm T ⓪
3214 Vacant
3215 Carvin Louis G ⓪
3219 Kistner Erwin G
3220 Reeves Carl C
3221 Vacant
3222 Vacant
3223 Frush Pearl Mrs confr
3224 Franzman Herbert W
LaSalle intersects
3301 Shell Petroleum Corp fill sta
3302 Lucas Danl V gro
3304 Simpson Jesse C clnr
3306 Morris Harley barber
Cook Kath Mrs beauty shop
3308 Vacant
3309 McCormick David I ⓪
3312 Endicott Wm F
3314 Price Saml L
3315 Vacant
3316 Spear Jas B
3317 Vacant
3318 Eichholtz Geo W
3319 Ferguson Columbus C
3320 Seyfried Michl
3321 Embry Jas F ⓪
3325 Heaton Florence L Mrs ⓪
real est
3328 McHaffey Geo S
3329 Hare Geo W ⓪
3330 Riley Wm F
3332 Vacant
3335 Sheldon Emerson
3337 Sheppard Harry M
3338 Tuxedo Coal Co Inc
Mosier Dempsey H
Tuxedo intersects
3401 Eastern Coal Co
3402 Moore Wm S ⓪
3404 Olin Service Station
rear Olin Coal Co
Belt RR crosses
3502-10 Blakley Granite Co
3516 Indian Refg Co
3520 Powell Oscar V
Gale intersects
3521 Brannum-Keene Lbr Co
3522 Post Omer B ⓪
rear Indpls Shade Co
3523 Collicott Nora B ⓪ nurse
3525 Langton Andrew J ⓪
3527 East Vern C ⓪
3529 Billingsley Jas L ⓪
3531 Albaugh Everett Z ⓪
3532 Stumph Nellie E Mrs ⓪
3536 Vacant
3540 Maple Verner E ⓪
3546 Helm Otto E ⓪
3550 Wood Wm O ⓪
Brookville av intersects
3602 Tucker Jas E
3604 Bicker Emma E Mrs ⓪
3605 Vacant
3606 McMillan Alma Mrs
3607 Butze Henry F auto repr
3607½ Butze Henry F
3608 Stahr Cleophas E
3610 Rucker Albert O
3612 Swift Ada Mrs
3614 Wilkins Ruth C Mrs
3616 England Marion F
3618 Swift Walter B
3620 Snyder Kenneth
3622 Edwards Eva L ⓪
3624 Ricketts Wm T
3626 Guy Wm L
3628 Pannell Melvin
3629 Wampler Chester
3630 Worley Marie Mrs ⓪
Kealing av intersects
3702 Brantner Edw S
3703 Kern Emma F Mrs ⓪
3704 Tripp Ralph
3707 Mueller Reuben H Rev
3708 Harrison Emma L Mrs ⓪
3709 Pannell Robt F ⓪
3710 Whitehead John A
3712 Goff Fred L
3714 Dodson Agnes Mrs
3715 Harkins Mary Mrs
3717 Vacant
3718 Hale Mark L
3719 Pfister Henry C
3720 Summers Jas H
3721 Estes Frank M
3722 Allen Verdie ⓪
3722½ Barker Henry W
3723 Chester Gladys O Mrs
3725 Coykendall Harry L
3730 Clover Susa G Mrs
3733 Joseph Abalan M ⓪
Sherman Drive intersects
3807 Allender Glen meats
3809 Kroger Gro & Bkg Co (br)
3810 Woods Wm F
3811 Boyden Francis T baker
3812 Gorman Wm
Gorman & Miller sporting gds mfrs
Bradley intersects
3838 Ferrall Wm R
3839 Maloof Jos
3842 Scoggan Wesley A
3844 Vacant
3846 Shields Percy clo clnr
3848 Vacant
3850 Vacant
3851 Church of Christ
Denny intersects
3901 Shell Petroleum Corp filling sta
3925 Dorsey Paul E funeral dir
Chester av intersects
4002 Taylor Howard V filling sta

Quality PAINTS

The Name on the Can is Our Guarantee for Quality.

We sell direct to consumer at factory prices

Marion Paint Co.

366 S. Meridian St.

Telephone RI. 9165

We Buy and Sell INVESTMENT BONDS SECURITIES

The Union Trust Company

120 EAST MARKET ST.

NEW JERSEY S—Contd
1013 Dirk Eliz
1014-16 Ritter Chas uphol
1015 Vacant
1017 Shields P O plmbr
1018 Wood Ralph O
1020 Dailey John E
1021 Kernel Anna
1022 Fox Bertrand
1023 Hoegner Wm
1024 Barrick Wendell
1025 Scarbrough Jorn T
1026 Smith Clyde
1028 Carter Arth
1029 Dodds Newell
1030 White Allen
1032 Markey Anna B
1033 Stark Fred E
1035 Shinn Henderson L V Rev
1038 Richeson Herschel L
1040 Vacant
Prospect (H) intersects
Sanders (H) intersects
Orange (H) intersects
Parkway av (H) inersects
1342 Vacant
Terrace av (H) intersects
1403 Miller Harry
1407 Kudelka Carl G
1408 Vacant
1409 Huber Fred R
1409½ Huber Gottlieb
1410 Miller Edw W
1411 Koch Fred A
1412 Stucky John C
1413 Ward Elisha D
1414 Siern Wilbur
1415 Smith Isaac N
1417 Combs Chas C
1420 Wellmer Henry W
rear Vacant
1422 Hart Harry H
1424 Hull S Merrill
rear Wilson Jas
1428 Greenert Henry F C
1432 Suhr Flora
1433 Frazier Edw
1435 Butler Chas
1436 Schwartz Margt
1436½ Wilson Leo
1439 Vacant
1440 Freund Fred A
1441 Strelow Robt C
1501 Davis C C
1502 Holly Elwin
1505 Vacant
1506 Singer Oscar C
1507 Millikan Arth R
1509 Collins Jas W
1510 Carruthers Jos H
1513 Robbins Robt G
1514 Guth Amelia
1515 Runnels Geo L
1519 Jochem Chas
1520 Guth Ferd A
1525 Tinton Ray S
1526 Faust Wm H
1531 Wachtel John
1537 Hinz Peter
1538 Stahlhuth Ernst W
1539 Quisenberry Tandy
1542 Wilson Jas W
1543 Kappmeyer Wm
1545 Schulmeyer Dora
1546 Welmer Amelia
1549 Vacant
1551 Richard Ray
1555 Clancy John P
1555½ Vacant
Lincoln (H) intersects
LeGrande av (H) intersects
2117 Myers Fred A
2118 Vacant
2120 Lucas Fonzo
2121 Gloger Otto C
2122 Pieper Herman
2125 Henderson Robt P
2126 Vacant
2129 Vacant
2130 Heavrin Lyle
2131 Adams Jas H
2133 Hildebrand Garrett M
2134 Fischer Elenora E
2135 Boatman Roy
2137 Smith Lonie A
2138 Sherman Frank G
2139 Underwood Chas
2141 Howell Arth
2142 VanHorn Benj
2143 Hardcastle Aubrey
2145 Ruark Roy R
2146 Razland Courtland
2147 Theriac LeRoy
2149 Oakes Linwood
2150 Blase Fred H
2153 Henschal Mary
2154 Aeiker Wm H
2157 Davee Frank W
2158 Griffith Marion O
2161 Thomson Crawford W
2162 Vacant
2164 Weber Walter G
2165 Lucas Spurgeon
2166 Gray Laura J
2168 Smith John D
Raymond (H) intersects
2501 Vacant
2505 Vacant
2506 Faust Wm B
2509 Vacant
2510 Bertel John F
2514 Flora Jas A
2515 Vacant
2517 Brittenbach John E
2518 Jankowiak Jas H
2523 Griffin Earl B
2524 Vacant
2525 Schmaltz Roy A
2528 Spangler Geo F
2531 Bailey Walter C
2532 Heller Elroy
2535 Roembke Fred W
2538 Gray Elbert L

NEW YORK E—From 301 N
Meridian east to city limits
ns University Park
ss **Federal Building**
Pennsylvania (A) intersects
100-12 Indianapolis Star
115 United Tire Store
118-20 Public Service Tire Co
122 Vacant
123 Rapid Photo Finishing Co
124 Volk Anna furn rms
125-27 Griener C E lawn mowers
126 Vacant
128 Miller Mark H auto accessories
129 Gravos Angel restr
130-32 Six Points Service auto repairs
131-35 Leon Tailoring Co
134 Fleury Electric Co
Valley Electric Co radio
136 **Halcyon The**
Apartments:
1 Smith Alma
2 Dyer Geo
3 Vacant
4 Schirmer Dorothy
5 Patton John T
6 Hedges Jennie R
7 Monsinger Henry
8 Jeffery Geo
9 Vacant
10 Vacant
11 Vacant
12 Hunsucker Glen
14 Dyer Daisy
15 Sproule Wm P
16 Miars Chas E
17 Armstrong Rose
18 Vacant
19 Kruse Louis C
Street continued
137 Shane I D restr
138 Vacant
140 Vacant
Delaware (D) intersects
Massachusetts av (A) intersects
205 **Spann Bldg**
(For occupants see 251 N **Delaware**)
206 Cooper Bros coml photos
207 Buckeye Finance Co
209 Hanger J E Inc artificial limbs
211-15 **Empire Life Bldg**
bsmt Vacant
1st fl Empire Life & Accident Ins Co
Rooms:
200 Curry Construction Co
201 Ohio State Stove & Mfg Co
202 Latham Chas contr
203-4 Rardin Victor V ins
Walters Engineering Co
205 Bankers Mutual Life Ins Co
Rardin Victor V ins
Griffin Frank J C ins
207 Puritan Oil & Paint Co The
209 O'Hara T J & Son contrs
210 Empire Life Ins Co
211-15 Hymt Gilbert Chas
213-15 Indianapolis Star (magazine section)
216-17 Center Twp Trustee
221 Jacobs R M mfrs agt
222 Insurance Purchasers Corp
227 Gossom & Hill struc engs
228 Dee Wm E brick mfrs
229 Associated Bldr Contrs of Indpls
300-05 Haight Davis & Haight actuaries
306-98 Marion Real Est Co
310-12 Elvers & Klein Inc contrs
315 Kee-Lox Mfg Co typewriter supplies
316-17 Union Labor News
318-19 Hayes & Whitaker accts
Marsh Roy L vending machs
Arnold Leo K elec eng
Electrical Engineering Co
Davidson Austin H Inc signs
322 Vacant
323-24 Vacant
327 Indiana Clipping Service
329 Vacant
330 Hornaday Film Publicity Co
Street continued
212-14 Concert Music Co (br)
218 VanDeusen J L
220-24 Grim & Grim garages
Hudson (D) intersects
227 Craig Anna
231 Vacant
236 Vonzome Sales & Mfg Co Inc batteries
Dyer John A engr
236½ Dyer John A engr
237 Vacant
238-44 Standard Oil Co filling station
Alabama (F) intersects
se cor Indpls Fire Dept Hdqrs
Fire Prevention Bureau
302 Faulkner C J clnr
Ind Adv Distributors
304-06 **Vienna The**
bsmt Walsman John janitor
Apartments:
1 Richman S A
2 Miller Walter L
3 Vacant
4 Vacant
5 Golding Irene beauty shop
6 Mullen Jacob
7 Brinkman Chas L
8 Stafford Lindley H
9 McAllister Omer E
10 Wadsworth Edw
11 Vacant
12 Geiger Frederic M
Street continued
308 Brinkman Chas F jr printer
310 Wyon Elmer
314 Foster Vira E furn rms
317 Municipal Garage
319 Foust G H garage
320-24 Pan-Am Wall Paper & Paint Co
322 **Modern Woodmen of Am Bldg**
Modern Woodmen of Am
Marion Camp 3558
326 Vacant
Ogden (F) intersects
329 Beal Jos E Rev
New Jersey (F) intersects
402-08 **Celeste The**
Apartments:
1 Stembel Basil J
2 Vacant
3 Pritchard Eliza H
4 Ormandy Ruth
5 Vacant
5A Evans Bessie A
6 Maroney Edw M
7 Vacant
8 Manker Floyd B
8A Calson Geo
9 Hawkins Chas A toilet gds
10 Riley Roscoe
10A Newkirk Minnie E
11 Larson Emma C
12 Williams Jason S
Street continued
416 Ferro Fred
421 Long Virgil
422 Indpls Salvage Corps
424 Ind Exterminating Co
Sample Sales & Service Co
Adelaide (F) intersects
425 **Rosslyn The**
Apartments:
1 Davis Lillian
2 Smith Fred N
3 Williams Chas S
4 Henderson Dale
5 Sawyer Frank D
6 Rome Bernard
7 Heinkle Edw M
Street continued
426 Marley Ida Mrs
429-31 McDonald Duncan A
430 Feaster Marie T furn rms
434 Ind Exterminating Co
Wilson Edw
435-37 Jeffray Alex M
436 Adams Claud O restr
445 Sinclair Refining Co filling sta
East (E) intersects
501 First Evangelical Church
509 Lumpkin Anna
511 Owens Walter B
512 Hill Kate furn rms
513 Cacherl Wm S
Baldwin Walter E
516 Stokes Stella

The E. C. Dolmetsch Co.

219-221 SOUTH MERIDIAN ST.

JOBBERS OF

Fishing Tackle, Hammocks, Base Ball Supplies and Sporting Goods

RILEY 1459

LIFE, ACCIDENT, HEALTH AND BURIAL INSURANCE

FOR CHURCH MEMBERS ONLY, CLERGYMEN OR LAYMEN See page 210

Church Members Relief Association

Telephone: Riley 9768 829-30 Occidental Building, Indianapolis, Ind.

519 Vacant
520 Miller Lester E
521 Grymes Glenn P
523 Ferguson Alonzo
523½ Kinman Edw
524 **Apartments**
Boggs Clyde L
Miller J Russell
527 Pierson Jesse L
528 Benzel Elmer L
529 Mills Minnie furn rms
531 Spillman Susie
532 Mattox Anna furn rms
535 Vacant
536 Gunion Cath furn rms
537 Vacant
539 Vacant
540 Curry Edgar C
541 Vacant
543 Vacant
544 Swails Bertha furn rms
545 Vacant
Liberty (S) intersects
601 Kimberlin Sarah W gro
603 Lyons John
604 Plummer Harry
605 Harrold Harvey H
605½ Vacant
608 VanZant Alice
609 Vacant
610 Krisky Michl
611 Pretzfelder Ephraim
613 Wright Maxwell
615 Smith Cornelius W
rear Burns Mary E
616 Whitaker Jessie
619 Wilson Andrew
620 Rosenberg Karl tailor
620½ Vacant
621 Vacant
622 Spaulding Carl
622½ Pryor Bernice
625 Endicott Nettie
627 Haines John F
631 Day Dewey
633 O'Connor Patk J
638 Sieboldt Anna
640 McGinness John H
656 Taylor Lewis C barber
658 Holtman Chas plmbr
Security Bldg & Loan Assn
660 Stuckwish Martin F gro
Noble (S) intersects
702 Standard Gro Co (br)
702½ Henry Jennie
Fisk Dorothea J
704 Arbuckle Wm E hairdrsr
704½ French Geo
707 Green Andrew J
708 Scott Saml C
709 O'Neil Michl F
710 Stoddard Elmer
711 Warner Ida B
713 Harlan Geo N
714 Gentry Harry C
715 Fox Howard E
716 Curlee Altha
Spring (S) intersects
719 **Apartments**
1 Mareoot W L
2 Lines Winfield S
3 Mathews John A
4 Johnson Robt
Street continued
720 Ittenbach Gerhart
723 Jackson Jacob R
724 Thorp Smith
725 Vavul Wm G
726 Stamm Ralph C
740 Allen Wm C
745 Schiffendecker Chas J filling sta
Fulton (S) intersects
Davidson (S) intersects
805 Russell Geo
806 **Apartments**
1 Vacant
2 Vacant
3 Vacant
4 Smith Sarah
Street continued
811 Free Frances
812 Vacant
814 Gallagher Morris
817 Russell Noah M
818 Wright Jesse
820 Ganter Adda
821 Francis Jacob A
823 Smith Susie
825 Schrumph Henry W
827 Jackson Walter
831 Riggs Ollie
Pine (S) intersects
914 Shofner Henry
924 Municipal Yards
C C C & St L Ry (S) crosses
1001 Flintkote Co
1009 Civic Oil Co
1012 Moorman E H coal
1048 Montgomery John T
1050 Kennedy Edgar M
1056 Zinsmeister Jacob
1058 Erber Walter
Dorman (S) intersects
ss Highland Square
1102 Wills Geneva
1104 Vacant
1106 Vacant
1108 Hibbert Owen
1108½ **Park Apartments**
Apartments:
1 Vacant
2 Mains Mattie J
3 Vacant
Street continued
1110 Vacant
1112 Jones Hubert M
1150 Vacant
Highland av (S) intersects
1201 Fenton Timothy M
1202-04 Bloemker E F gro
1205 Sweeney Thos P
1206 Colgrove Eda
1209 Gavaghan Jas J
1210 Brennan Richd A
1214 Vacant
1215 Jones Eddie
1215½ Cowles Roy R
1217 Lagier Frank L
1218 Keppel Harvey J
1221 Finehout Fred R
1222 Wernsing Geo
1301 Moorman Edw H
1302 Oliver Albert J
1305 Leary Helen M
1306 Roberts John H
1309 Moran John J
1310 Finehout Lee R
1310½ Vacant
1311 Heid Leo G
1313 Sivern Ferdinand G
1314 Breedlove Oral E
1315 Brosman Frank M
1317 Grieb Geo V
1318 Schauinger Leo C
1321 Sights Leonard
1322 Straw Wm J
Oriental (S) intersects
1401 White Anna C
1402 Connaughton John P
1403 Rall Herman F
1404 Hofstatter Jos P
1405 Sears Martin F
1406 Persell Bert
1409 Reilly Cath
1410 Keehn Wm
1413 Shea Geo A
1414 Libking Louis A
1415 Ryle Irvin M
1417 Hughbanks Libbie
1418 McGrayel Mary C
1419 Prange Anton H
1421 Sylvester Paul W
1422 Reinhard Casper C
1422 Klain Michl J
1425 Hendren Ada
1427 Albertsmeier Amelia
1429 Thuman Aug
1430 Egan Edw F
1431 Falvey Timothy P
1432 Baker Eliz
1433 Vacant
1435 Schwenhorst Frank H
1438 Miller Jacob
Arsenal av (S) intersects
1517 Dailey Thos J
1521 Smith Raymond
1523 Kelly John
1527 Burk Margt confr
Summit (S) intersects
1605 Linne Mary
1607 Burkart Bernard A
1608 Vacant
1610 Ortel Henry B
Knight John W
1612 Jackson John H
1616 Boyle Jas J
1618 Egener Carl
1620 Klieber-Dawson Mach Co Inc
Garbe John A
State av (S) intersects
1712 Vacant
1714 Fritts Ernest E
1717 Walters Anthony
Walcott (S) intersects
1820 Daly Edw F
1822 Miller Norval O
1823 Hurley John F
1826 Wiebke Wm H
Randolph (S) intersects
Parkview av (E) ends
Hendricks pl (S) ends
2030 Vacant
2032 Vacant
Hamilton av (S) intersects
2115 Balch Bessie R
2151 Curtis & West plmbrs
2153 Polen Albert clnr
2155 Vacant
2157 Croft Wm F barber
2159 Slaughter Jas E gro
2161 Gentry Carl R drugs
Jefferson av (S) intersects
2201 Stewart Logan A
2202 Orrin Raymond R
2203 Kobal Jas
2204 Hill Raymond J
2205 Walthen Lucy A
2207 Walker Chas L
2209 Putnam Wm E
2210 Brooks Thos E
Riley Floyd
2211 Clarkson Nellie
2212 Bess Benton J
2215 Curry Oscar M
2219 Pence Donald
Comer Lula
2225 Cossey Rollin J
2227-29 Cossey Tire & Battery Service
2228 East Park M E Church
2230 Stroud Chas R
2234 Freeman Lummie B
Beville av (S) intersects
2301 Lewellen Russell C
2305 Pollock Murl R
2308 Baird Clarence P
2309 Mullikin Edwin P
2312 Fleming John W
2315 Heger Carrie
2316 Conover Jas A
Keystone av (S) intersects
2401 Natl Refining Co filling sta
2416 Capitol Service Oil & Accessory Co
Forest av (R) intersects
Tacoma av (R) intersects
Temple av (R) intersects
2609 King Nora F
2611 Spaulding A J Rev
2621 Dickmeyer Wm F
Eastern av (R) intersects
2702 Supp Russell A
2704 Baker Virzil
2706 Vacant
2708 Vacant
2710 Hillebrand Ernest G
2713 Vacant
2714 Weaver Benj C
2716 Porter Wildred J
2718 Smith Winfield S
2720 **Apartments**
1 Vacant
2 Deputy Ella M
3 Chamberlain Maureen
4 Osborn Ella
Street continued
2726 Standard Gro Co (br)
2727 Standard Oil Co filling sta
2728 Bradley Forest billiards
Rural (R) intersects
2801 Downey Luther F fruit
2802 Western Oil Refining Co filling sta
2803 Liehr Edw meats
2805 Cusick Jas E barber
2807 Krenn & Dato Bldg & Constr Co
2809 Vacant
2811 Vacant
2817 Berg Estella music tchr
2818 Orton Amanda B
2819 Carroll Michl
2821 O'Neil Timothy
2822 Brown Nellie
2824 Barshier Wm D
2825 Fansler Lindley D
2826 Reasner Albert W
2829 Masterson Moses E
2830 Gregory Lloyd
2831 Downey Luther F
2832 Zech Edw H
2835 Richardson Owen S
2836 Harper Lee M
2838 Brown Henry M
2842 Holmes Wm A
2850 Harmon Matthew H
Oxford (R) intersects
2906 Gowers Bert garage
2909 Evans Eban E
2910 Smith Jas F
2911 Kilgore Wm
2914 Keane Peter J
2915 Reece Clarence
2916 Foley Jeremiah J
2917 Walsh Justin A
2919 Kramp Theo F
2922 Beckman Chris M
2923 Bane Wm A
2924 Anderson Edw C contr
Parker av (R) intersects
2926 Wabnitz Emma
2927 Vacant
2931 Vacant
2935 Robke Carl W
Oakland av (R) intersects
3001 Bennett Forrest
3004 Weintraut Frank
3005 Beckett Thos M
3009 Martin Emmett C
3013 Putnam Avery G
3016 Canan H Elmer

Ford

THE UNIVERSAL CAR

C. O. Warnock Co.

FORD CARS, PARTS, SERVICE

813 to 823 East Washington

Telephones: Lincoln 8396-7-8

INDIANAPOLIS OFFICE FURNITURE CO.

Executive and Period Suites
Desks
Tables
Chairs
Filing Cabinets and Supplies
Safes
Shelving
Supply Cabinets
Folding Chairs

Also a large USED Dept.

Riley 2221

Main Floor Chamber of Commerce Bldg.

E. E. GROSS

NEW FUNERAL HOME AMBULANCE SERVICE

1349 MADISON AVE.

Cor. Parkway Ave.

Telephone Drexel 0666

Residence Telephone Drexel 0861

Marble or Tile Floors Wainscots Mantels
Wege-Stanford Marble AND Tile Co.
603-4 Odd Fellow Blg.
PHONES Main 6230 LL.5613

The STARR MADE PIANOS and PLAYER PIANOS
The STARR PIANO CO. 49-53 Monument Circle MAIN 2077

ILLINOIS EGG & LUMP INDIANA EGG & LUMP POCAHONTAS LUMP WEST VIRG. SPLINT KENTUCKY LUMP
J. Thomas Shroyer WHOLESALE AND RETAIL COAL DOMESTIC AND STEAM
PROMPT SERVICE
Yard No. 1:— 430 INDIANA AVE. Phone Circle 1435, or Lincoln 8361, 8362-8363-8364
Yard No. 2:— 1405 W. RAY ST. Phone BElmont 5017

1407 Carl G Kudelka
1409 Fred R Huber
1409½ Gottlieb Huber
1410 Edw W Miller
1411 Fred A Koch
1412 Jno Grigo
1413 Edw D Ward
1414 Raymond L Puckett
1415 Isaac N Smith
1417 Hiram E Mullen
1418 Otto E Juengel
1420 Jno Schuelke
1422 Harry H Hart
1424 Stephen M Hull
(rear) Jas Wilson
1428 Henry F C Groennert
1432 Flora Suhr
1433 Joy G Stoddard
1435 Wm Slaughter
1436 Jno Schwarz
1439 Chas G Schoen
1440 Fred A Freund
1441 Robt Strelow
1501 Jas P Tomlinson
1502 Rose Jeffries
1505 Wm H Ross
1506 Alfarata J Kline
Chas J Roth
1507 Arthur R Millikan
1509 Clara E Gurley
1510 Wm H Curran
1513 Wm F Fisher
1514 Rudolph Guth
1515 Roy E Fox
1519 Chas Jochem
1525 Harry G Whitford
1526 Wm H Faust
1531 Jno Wachtel
1537 Peter Hinz
1538 Ernest W Stahlhuth
1539 Frank P Hinz
1542 Jas W Wilson
1543 Wm Kappmeyer
1545 Michl Dummal
1546 Fredk E Welmer
1549 Nina Christensen
1551 H Jefferson Baker
1555 Jno R Campbell
1555½ Robt Robbins
Lincoln (H)
LeGrande av. (H)
2117 Mary Bell
2118 Ollie R Manford
2120 Vacant
2121 Otto C Gloger
2122 Herman Pieper
2125 Ralph Thomas
2126 Jno R Schmidt
2129 Wm E Morris
2130 Fred E Vogelsang
2131 Lonie A Smith
2133 Garrett Hildebrand
2134 Grace M Fischer
2135 Jas W Nard
2137 Claude A Isenhower
2138 Frank Sherman
2139 Robt R Shutts
2141 Wayne H Elrod
2142 Walter G Alexander
2143 Wm C Corum
2145 Harry R Ruark
2146 Fred A Myers
2150 Otis J Hoyt
2153 Paul A Henschel
2154 Wm H Aebker
2157 Robt P Henderson
2158 Vacant
2161 Crawford W Thompson
2162 Minnie Young
2164 Walter G Weber
2165 Edwin G Merrick
2166 Walter E Vogelsang
2168 Walter J Frantzreb contr
NEW YORK E from 301 N Meridian e to city limits
ns University Park
ss Federal bldg
Pennsylvania (A)
100-12 Indpls Star
115 Vacant
118 Jno W Coffey acct
Stromberg Elec Co
120 T J O'Connor soft drinks
122 Robbins Electric Co
123 Estell Tire & Vulcanizing Co
124 Frank L Volk jr
125 Star Cleaners & Dyers
126-28 Citizens Auto Supply Co
127 Vacant
129 Jno A Mitsis
130-32 U Drive Service Inc
131 Leon Tailoring Co
133 Howard E Hills tailor
134 Kohler Co plumbers' supplies
136 **The Halcyon**
Apartments—
1 Patk J Clark
2 Norbert Landgraf
3 Stella B Gerber
4 A E Miller
5 Josephine Gasper
6 Jennie R Hedges
7 Henry Monninger
8 Geo B Gaston (office)
9 Patk J Clark
10 Bertha B Byrkitt
11 Ruth McDowell
12 Bertha Hughes
14 Kath Allen
15 Lydia Moorhead
16 C E Miars
17 —— Armstrong
18 Rose Hanes
19 A B Pollard
Street continued
138 Oscar Hutton restr
140 Automotive Service Co
Delaware (D)
Massachusetts av (A)
205 **Coburn Apartments**
Apartments—
1 Alex G Lester
2 Laura B Overholtz
3 Herman W Stumph
4 Jas W Jefferson
5 C M Praugh
6 Walter B Atwater
7 Louis A Kiefer
8 Laura G Saxton
9 Mary F Keyser
10 Clifford L Cook
11 Pearl Gray
12 Bertha M Hill
14 Jos T Lipps
15 Catherine Rafert
206 Otto L Cooper photo
207-9 Murat Tire & Rubber Co
211-15 **Empire Life Bldg**
st fl Empire Life & Accident Ins Co
Rooms—
200 Fred C Morgan contr
205 The Prairie Farmer
209 County Commissioners Assn
210 Glenn C Calderwood office supplies
Meridian Mutual Life Ins Co
213 Periodical Publishers Service Bureau
216 Gilbert Bolser poor investigator
217 Wm H Evans Center twp trustee
218 J G Wood chf deputy twp trustee
221 Wheeling Corrugating Co
222 Block & Friedman adv agts
227 Vacant
228 Vacant
301 Burt G Gilmore ins
302 Louis Sprake contr
Thos Sprake mfrs agt
Geo C Elvers arch
303-04 Wm S Taylor lawyer
305 Dictaphone Sales Co
309 Ethel N Pavey dictaphone opr
310 Victor Adding Machine Co
312 Creditors Assn Inc
315 Kee-Lox Mfg Co
319 J R Curry Construction Co
322 Howland-Shearman Engineering Co
324 Mahan & Mahan adv agts
Mary B East sten
327 Ind Retail Grocers Assn
331 Vacant
Street continued
212-14 Michl F Tierney auto tops
214 Radio Transfer
216-18 Louis Wiessman autos
220-24 Ind Cab Co
Hudson (D)
227 Anna Craig
Carl J Klaiber chiro
231 Carl Mitchell
234 Roy Craig
236 Vonzone Sales Co Inc
236½ L D Tyler house furngs
238-44 Standard Oil Co (filling station)
Alabama (F)
se cor Indpls Fire Dept Headquarters
Fire Prevention Bureau
302 Spotless Cleaners
Champ C Nevell
306 **The Vienna**
John Walsman janitor
Apartments—
1 Arthur Hague
2 Walter L Miller
3 Irving Palmer
4 Walter F Cooney
5 Frank W Davisson
6 Edward A Minnett
7 Vacant
8 Laura B McCullough
9 Felix E Spratt
10 Wm E Parker
11 Jno L Hill
12 Chas A Pierson
308 Chas F Brinkman printer
Indiana Legal Blank Co
310 Walter T Clark
314 Wm B R Froehlich
Saml G Colwell
Jno Stephenson
Lillian Todd
317 Municipal Garage
318 Wm E Hicks
Horace F Conrad
319 Frank Bird Transfer Co
Checker Cab Co
Indpls Transfer Co
320 Edw S Dix
Oliver Lawless
Fred Fero
322 Harry S Hoyt
Ogden (F)
329 Rev Henry R Borneman
350 Chas Russell
Wm Belden
May Boyer
Margaret Tucker
New Jersey (F)
402-08 **The Celeste**
Geo Smith janitor
Apartments—
1 Basil J Stembel
2 Allie E Gosson
3 Eliza A H Pritchard
4 Chas S Cook
5 J Neal
6 Vacant
7 M Peterson
8 Thos S Gettle
9 Chas A Hawkins
10 Ernest E Dickison
11 Emma Larson
12 Clyde L Boswell
416 Jacob Brandt
Sidney Flanagan
421 Noah W Krass furn rms
422 Indpls Salvage Corps
Adelaide (F)
425 **The Roslyn**
Apartments—
1 Edward H Davis

HARRY R. FITTON, Pres.
OWEN M. MOTHERSHEAD, Sec'y and Treas.
JOHN F. ROSS, Gen'l Supt.
Builders Construction Company
BUILDING CONSTRUCTION
540 N. Meridian St., INDIANAPOLIS

White Cafeteria ON THE CIRCLE "Follow the Crowd"

2 Clarence H Alexander
3 Paul E Gott
4 H C Morrison
5 Frank D Sawyer
6 Vacant
7 Wm L Funston
426 Leonard Fisher
429-31 Duncan A McDonell
430 Edw Daily medicine mfr
Wallace English
435 Bernard Fields
437 Sigurd Johnson
East (E)
501 First Evangelical Ch
509 Ray L Beavers
J Bailey Webb
Edw Wooldridge
511 Cora Conway furn rms
T Elmer Hiatt
512 E Lida Orcutt
Chas E Claywell
Fred M Snively
Paul R Gallamore
516 Nora E Whitaker
519 Minnie Mills
520 Harriet J Cox
521 Leona Metzger
523 Clarence G Baden
A Hadley Ferguson
524 Bruce Nipple
527 Shem Z Kaufman
Blanche Kaufman furn rms
528 Burrell W Frazier
529 Wm F C Kemnitz
531 Anna M Bell
532 Anna M Hanly
535 Henry T Brown
536 Ora Adams
537 Fred R DeBruler
539 Chas E Crouch
540 Alva W Ritter
541 W Harvey Rexroad
543 Frank E McCleary
Ralph L Woodward
544 Robt E Lane
Wm G Burgess chiro
545 Harry Casto
Liberty (S)
601 Edw M Whitaker gro
603 Josephine Brown
604 Wm W Mudge
605 Harvey H Harrold
605½ Jno L Wagner
609 Maxwell Wright
Jos J Summers
610 Sadie Schwab
611 Regina Pretzfelder
613 Harry E Willitts
615 Christina M Champ
(rear) Mary E Burns
616 Henry M Klein
620 Jno Rosenberg
Karl Rosenberg tailor
621 Wm H Kurth
622 Frank Harmon
624 Thos D Denny
625 Thos J Kirby
626 Vacant
627 Wm H Starks
631 Cary E Porter drsmkr
632 Richd Williams gro
633 Morton W Walton
Odis D Johnson
636 Geo W Melton
638 Anna Sieboldt
640 Mattie Lepscum
656 Willis E Arbuckle barber
658 Chas Holtman plmbr
Security Bldg & Loan Assn
660 Martin F Stuckwisch gro
Noble (S)
702 Sroufe & Kollinger bakers
704 Isaac E Armstrong
704½ Mary Witthamper
707 Wm A Mattingly
708 Jno Hetherington
709 Mollie Ford
Jas Braddam
709½ Vinue Ward
Ernest Morgan
710 Elmer Stoddard
711 Clifford Golladay
713 Clara Wilking
714 Jacob Finkel
715 Howard L Fox
716 Willard E Cross
Spring (S)
719 Winfield S Lines
M Belle Stephenson
Irvin D Ressinger
Ralph O Schreiner
720 Jeremiah Ittenbach
723 Jno Smith
724 Smith Thorp
725 Geo W Vayul
726 Homer Ray
740 Wm C Allen
745 Robinson & Schifendecker auto accessories
Fulton (S)
Davidson (S)
805 Rebecca Langley
David Kelley
Everett Allen
811 Edith O Hallis
812 Alva Mines
814 Robt H Peters
817 Noah Russell
818 Jennie Lay
820 Addie Ganter
821 Lee Lash
823 Oliver Craig
Fairest R Klepfer
825 W Frank Coffey
827 Lewis C Aldrich
831 Vacant
Pine (S)
914 Elmer C Wells
924 Municipal Asphalt Plant
C C C & St L Ry (S)
1001 Jos M Hendric agricultural implts
1048 Ralph Moreland
1050 Vacant
Dorman (S)
ss Highland Square
1102 Owen Hibbert
1103 Vacant
1104 Paul H Bynum
1106 Cratty T Gabhart
1108 **Park Apartments**
Roy Akard
Apartments
1 Retta Arbuckle
2 Myrtle Smith
3 Merle Harris
4 Saml Starkey
1110 Walter Kercheval
1112 Hubert M Jones
Highland av (S)
1201 Timothy M Fenton
1202-04 Ernest F Bloemker gro
1205 Robt J Kramer
1206 Ada Colgrove
1209 Clara H Armbruster
1210 Richd A Brennan
1214 Vacant
1215 Chas E Glass
1215½ Lillian C Davis
1217 Frank L Lagler
1218 Harvey J Keppel
1221 Margt E Weibel
1222 Geo Wernsing
1301 Edw H Moorman
1302 Albert J Oliver
1305 Jas T Leary
1306 Jno H Roberts
1309 Jno J Moran
1310 Lee R Finehout
1311 Harlan E Risher
1313 Ferdinand G Swern
1314 Oral E Breedlove
1315 Geo P Held
1317 Geo V Grieb
1318 Jno H Poggemeyer
1321 Vacant
1322 Wm J Straw
Oriental (S)
1401 Arthur J Metzger
1402 Jno P Connaughton
1403 Herman P Rall
1404 Jos P Hofstatter
1405 Martin F Sears
1406 Earl B Summerlin
1409 Cath Reilly
1410 Wm E Keehn
1413 Geo A Shea
1414 Louis A Libking
1415 Irvin M Ryle
1417 Anton H Prange
1418 Mary C McGrayel
1421 Aaron Sylvester
1422 Casper C Reinhard
1423 Jno J Baldus
1425 Harry C Ballard
1427 Jno H Hoistiny
1429 Lydia Becker
1430 Edw P Egan
1431 Jno J Baldus
1432 Harry Love
1433 Wm A Williams
1435 Frank H Schoppenhorst
1438 Jacob Miller
Arsenal av (S)
1517 Thos A Dailey
1521 Jerome H Wolfe
1523 Mary Debeney
1527 Jno L Burk confr
Summit (S)
1605 Mary Linne
1607 Bernard A Burkhart
1608 Mary A Hart
1610 Jesse Castetter
1612 Michl T Scudder
1616 Carl J Hornbeck
1618 Lula Peace
1620 Chalmers Patton
State av (S)
se cor Standard Oil Co filling sta
1712 Jno W Risk
1714 Ernest E Fritts
1717 Marten Suess
Walcott (S)
1820 Vacant
1822 Jno J Hickey
Randolph (S)
2030 Wm S Canary
2032 W Dale Jinnett
Hamilton av (S)
2115 Harbard Balch
Jefferson av (S)
2201 Construction
2202 Roscoe C Perrin
2203 Construction
2204 John P Glazier
2205 Vacant
2207 Construction
2209 Orville G Gibbs
Cass Barker
2210 Henry C Bade
2211 Bessie Leach
2212 Arch M Robinson
2215 Wm Eckert
2219 Lula B Comer
2225 Harry L Marsh
2226 East Park M E Church
2229 Rollan J Crossey
Crossey Tire Shop
2230 Byron O Terry
2234 Walter A White
Beville av (S)
2301 Benj Batchfield
2305 Russell C Fox
2308 Chas P Baird
2309 Edw P Mullikin
2312 Geo W Bishop
2315 Wm Heger
2316 Ralph C Perry
Keystone av (S)
cor National Refining Co (br)
2416 Refiners Oil Co (br)
Temple av (R)
2627 Wm F Dieckmeyer
Eastern av (R)
2702 Richd J McWhirter
2704 Norman C Anderson
2706 Mary F Means
2708 Wm E Corwin
2710 Henry F Horn
2714 Benj C Weaver
2716 Della F Carroll
2718 Harry Nahre
2720 Apartments—
1 Edward Ent
2 Wm J Porter
3 Geo M Stephens
4 Louis H Downs

Odd Penny Prices
The WHITE Cafeteria ON THE CIRCLE QUICK AND CLEAN

O. D. Haskett Lumber Co.
Quality Service
Lumber and Mill Work
Phones Webster 0114 Webster 0115
E. 25th St. and L. E. & W. R. R.

A. W. BOWEN—Authorized Ford Dealer
Lincoln Ford Fordson
SERVICE FIRST COURTESY ALWAYS
Circle 3690-3691-3692 933-947 FT. WAYNE AVENUE

YOU CAN GET IT AT VONNEGUT'S
VONNEGUT HARDWARE CO.
120-124 EAST WASHINGTON ST
TELEPHONES AUTO 3442-11, MAIN 4192
CUTLERY • SILVERWARE • HOUSEHOLD UTILITIES • BATHROOM FIXTURES • KITCHEN UTENSILS STOVES

616 Henry E Schortemeier
(rear) Wm Vananda
Clyde W Hensiee
620 Max Mastny tailor
624 Albert R Marshall
624½ Oscar A Miller
625 Johanna Gierke
626 Otis S Hobbs
Fred Behrens
628 Alfonso M Everling
629 Maria Iske
632 Thos J Duvall
633 Margt Kahl
Wendell F Loomis
(rear) Bertha Kellermeier
636 Mary Buck
637 Engelina Schlake
638 Salvatore Galluzzo
640 Florian Moschetti
641 Jno W Oliver
642 Wm Steinhauer
644 Chas J Russ
645 Patk O'Neill
648 Louisa Hernhart
649 Geo Gunsett
652 Chas J Gault
653 Fredk V Salamoni
656 Anna Jaggers
657 Thos Harrington
658 Thos J Duckett
660 Edw J Snyder
Ellen Lyons drsmkr
661 Nathan Suddeth
Norwood (H)
701 Wm M Dugan
703 Nellie Arnold
704 Roy G Phillips
706 Nona Kirland
709 St Paul's English Evangelical Lutheran Sch
710 Jno McLaren
713 Erich H Domroese
714 Regina Cornet
715 Augusta Strelow
717 Rev R F Zimmerman
721 St Paul's English Evangelical Lutheran Ch
722 Geo T Gulick
726 Milas M Harmon
McCarty (H)
809 Geo F VanMeter
812 Fredk W Hillman
817 Walter McGrayel
821 Arthur J Neiger
825 Albert Neise
829 Jos Runner
833 Voshel Sommers
835 Chas Slusser
901 Antonio Giuliana
Marla Cellith
902 Nunzio Mazza
903 Dominicia Modica
906 Jos Fuhrmann
909 Jos M LaRosa
910 Ignatius Strack
912 Otto H Schulz
914 Chas C J Richey
917 Thos M White
918 Jno H Gerdts
922 Albert Polter
925 Fred Wellmann
926 Martin Kuehrmann
929 Margt Adolay
933 Geo W Mark
934 Henry Pearcy
935 Chas Dichman
936 Cath Emrich
937 Nora Fuerst gro
937½ Ernest A Fuerst
938 Jos F Tyra
940 Walter H Jackman
941 Chas Melloh
Maurice J Keene
944 Otto H Staehle
945 Frank E Polen
948 Jay T Rogers
949 Ira C Perry
951 Vacant
952 O Ray Brantlinger
Oscar Caylor
953 Jos H Hines
956 Wm H Poehler
957 Geo E Ryan
959 Vacant
960 Mary Halford
961 Chas H Lovett
Bicking (H)
1001 Wm O Vasbinder
1002 Margt Lyons
1003 Margt Weis
1005 Patk M Crockett
1006 Jno E Spann
1007 Jno E Layden
1009 Rosa Dirk
1010 Jno H Wampner
1013 Cath Dirk
1014 Chas Ritter
Fred Idle
1015 Jno H Heyob
1016 Chas Ritter uphlr
1017 Cloydell Caskey
1018 Leon G Wasner
1020 Jno E Dailey
1021 Jos Kernel
1022 Vacant
1023 Oscar W Dewitt
1024 Lillian Andres
1025 Caroline C Freund
1026 Francis F Nichols
1028 Jos Dirk
1029 Sophia Kattmann
1030 Wm J Carter
1032 Thos J Markey
1033 Wm H Hobin
1035 Rev Wm Knierim
1038 Carl Seward
1040 Otis F Breedlove
q e cor Immanuel Reformed Church
Prospect (H)
Sanders (H)
Downey (H)
Parkway av (H)
1342 Harry Wilkerson
Terrace av (H)
1403 Carrie Johannes
1407 Gottlieb Huber
1409 Gustav F Schulz
1410 Edw W Miller
1412 Frank A Koch
1412 Hendricks Greenwood
1413 Addie Stewart
1414 Frank P Megowan
1415 Frank P Schaubhut
1417 Louis E Decker
1418 Vacant
1420 Raymond W Tibbs
1422 Harry H Hart
1424 S Merrill Hull
(rear) Jas Wilson
1428 Henry F C Groennert
1432 Flora Suhr
1433 Chas S Beeler
1435 Sarah E Bogardus
1436 Jno Schwarz
1439 Louis J Mangold
1440 Harry J Hart
1441 Robt C Strelow
Lincoln (H)
1501 Arthur R Millikan
1502 Wm J H Thompson
(rear) Geo L Jeffries
1505 Henry W Ross
1506 Alfarata J Kline
Oscar C Singer
1507 Mary C Mitchum
1509 Clara E Gurley
1510 Christian Othwein
1513 Conrad Young
1514 Rudolph Guth
1515 Lawrenre L Cook
1519 Chas Jochem
1525 Harry G Whitford
1526 Schuyler C Silcox
1531 Jno Wachtel
1537 Peter Hinz
1538 Louis Stuck
1539 Louis C Fisher
1542 Jas W Wilson
1543 Wm Kappmeyer
1545 Otto Otterback
1546 Fred E Welmar
1549 Vacant
1551 David Fahrner
1555 Geo H Dux
Cecelia Coleman
Lincoln (H)
LeGrande av (H)
2117 Edw Bell
2118 Harrison T Tucker
2120 Oscar E Kirst
2121 Otto C Gioger
2122 Frank W Sternberger
2125 Alonzo C Anderson
2126 Paul J Dux
2129 Wm E Morris
2130 Fredk Pieper
2131 Fredk A Myers
2133 Thos M Crail
2134 Grace E Fischer
2135 Aaron R Morris
2137 Claude A Isenhower
2138 Mrs Dora Belch
2139 Chas W F Miller
2141 Benj Haney
2142 Henry E Milligan
2143 Wm F Kiewitt
2145 Nellie E Stumph
2146 Howard Deere
2150 Otis L Hoyt
2153 Frank P Henschel
2154 Wm H Aebker
2157 Geo C Thompson
2158 Thos V Bird
2161 Crawford W Thompson
2162 Jesse Walker
2164 Bert C Burns
2165 Edwin G Merrick
2168 Jno E Bertram
2168 Herbert L Richardson
NEW YORK E from 301 N Meridian e to city limits
n s University Park
s s Federal Bldg
Pennsylvania (A)
100-12 Indpls Star
115 Frank J Fleming
120 Shelby Smith cigars
122 Robbins & Schildmeier Co elect contrs
123 David B Linn vulcanizer
124 Cico Hotel
Jno H Charter phys
125 Harry Steward motorcycles
126-28 Ever Last Tread Co
127 Jacob Goldstein radiator repr
129 Goodwyn Cunningham restr
130-32 Vacant
131 C C Hauger Co tailors
133 Howard E Hills tailor
134 Herz Motor Co
136 **The Halycon**
Henry Tankston janitor
Apartments—
1 Jno Stillman
2 Norbert Landgraff
3 Stella F Gerber
4 Chas C Sherman
5 E B Pilcher
6 Anna M Stokes
7 Lucille Alberts
8 Office
9 P J Clark
10 E L Wilson
11 Jno Wise
Mark Robinson
12 Hattie J Woodsey
14 Hobart Priest
15 Frank Pierce
16 Allie E Gossom
17 Mary Weaver
18 Marie Woody
19 Chas E Haugh
Street continued
138 Thos E Thornton restr

Bemis Indianapolis Bag Co. Manufacturers of
Bags of all kinds, Bags for all purposes
Phones: {AUTOMATIC 51-610 / PROSPECT 42 and 43} Barth Ave. and Belt R. R.

INVEST Your Funds SAFELY IN Mortgage Certificates Guaranteed BY American Mortgage Guarantee Company
BANKERS TRUST COMPANY
10 East Market St.

R. G. DUN & CO.
The Mercantile Agency
Correspondents at all POINTS

140 Citizens Auto Supply Co
Delaware (D)
Massachusetts av (A)
205 **Coburn Apartments**
Apartments—
1 Albert M Ervin
2 Laura B Overholtz
3 Herman Stumph
4 Jas W Jefferson
5 Wm E Withrow
6 Scott A Gentry
7 Wm H Bromley
8 Wm J Chidester
9 Mabel G Bard
10 Wm H McKeag
11 Jasper N Cox
12 Herbert F Copeland
14 Chas Davis
15 Oscar Mansfield
206 Cooper Bros photos
3d floor Engineers' Hall
207 Otto J Suesz uphlr
209 Nu-Way Tire & Vul Co
211-15 **The Knickerbocker**
Guy Cox
Apartments—
1 Mina W Martin
2 Florence Kneppert
3 Mary Weer
4 Goodwyn Cunningham
5 Chas W Selbold
6 Cora Miner
7 Adah L Kendall
8 E Noble Jesse
9 Jesse Snider
10 Ezra A Hardin
11 Chas A Reier
20A Naomi Huffman
20B Mary Hudson
20C Mary M Reddick
21 Otho F Calvin
22 Margt F Mahoney
23 Stella S Anderson
24 E Dashiell
25 Vacant
26 Louis A Klefer
27 Tracy Hartman
28 Ella Rogers
29 Emma Tilley
30 Benj J Lantz
31 Sarah Kees
32 Albert W Lehman
33 Bertha Tilton
34 Harriet McCoy
35 Ruby Morriss
36 Margt Venable
37 W F Beatty
38 Chas P Scott
39 Jno H Newkirk
Street continued
212-14 The Ford Exchange
216-18 Harland Alverson auto tops
220-224 Ind Taxi Co
Ind Garage Co
Hudson (D)
227 Anna Craig
Chester Dowd phys
231 Anna Kaiser
Wm Conners contr
234-36 Otto Marcum
237 Great Western Auction House
238 Vacant
(rear) Vacant
244 Albert Marley
Alabama (F)
s e cor Indpls Fire Dept Headquarters
302 Claude J Sheely clnr
304 **The Vienna**
Jas A Renick
Apartments—
1 Harry M Brown
2 Walter L Miller
3 Roy Marsh
4 Dennison N Bartlett
5 Frank W Davisson
6 Lenna L Ross
7 Maude Myers
8 Laura B McCullough
9 Chas R Clark
10 Vera A Brown
11 Cath E Wallace
12 Edw H Claman
308 Fred E Brinkman printer
310 Glenn R Slenker
314 Jno C Peters
317 Municipal Garage
318 Wm E Hicks
319 Frank Bird Transfer Co
Indpls Transfer Co
320 Wm L Pangborn
Chas C Johnson
321 Robt Cazey
322 Gertrude Vernon
Ogden (F)
329 Cameron Wainscott
350 Wm E Spaulding
New Jersey (F)
402-08 **The Celeste**
Orange Horne
Apartments—
1 Basil J Stembel
2 Carl Carpenter
3 Eliz Pritchard
4 Gustav C Pohlman
5 Winfield S Lynn
6 Karl W Pierce
7 Vacant
8 Thos S Gettle
9 Florence F Baney
10 Ernest Dickson
11 Emma Larson
Ida L Larson
12 Chas A Hawkins
416 Clara Baker furn rms
421 Lucy Anterelli
422 Clarence A Kern
Frank H Hurt exp
Adelaide (F)
425-27 Edw H Davis
426 Vacant
429-31 Bert C Pastner
434 Ella McClurkin
435-37 Jno H Scott
East (E)
501 First Church Evangelical Assn
509 Vacant
511 Edw Laffin
512 Carrie Bowman furn rms
513 Bertha Ross
516 Nora E Whitaker
519 David Davis
520 Harry W Shafer
521 Mary Broden
523 Wm H Ranes
524 Carrie Bowman
525 Belle Stephenson
527 Vacant
528 Burrell W Frazier
529 Kath Grosch
531 Mary C Merryman
532 Anna M Hanly
535 Florence Sylvester
536 Robt Lane
537 Helen Pierce
539 Jas H Demaree
540 Chas B Elerman
541 Harry Rexroad
543 Frank McCleary
544 Chester M Miller
545 Wm Martin
Liberty (S)
601 Alphonse J Buch
603 Nora Reid
604 Kath Cook
605 Harvey Harrold
605½ Jos Daniels
608 Abe Greenberg
609 Wm W West
610 Grace Freeman
611 Regina Pretzfelder
613 Harry E Willitts
(rear) Oscar L Meek
615 Wm E Champe
616 Henry M Klein
619 Wm H Kurth
620 Jno Rosenberg
620½ Clyde Ralley
621 E Robt Vincent
622 Wm Howland
624 Geo Davis
625 Jno P Endicott
626 Lewis V Hinds
627 Wm H Starks
631 Rose Stephenson
632 Margt Lobb
633 Vacant
636 Emmett Bard
638 Anna Sieboldt
640 Nora Armstrong
656 Stella M Wilds barber
658 Chas Holtman plmbr
Security Bldg & Loan Assn
660 Stuckwisch Bros gro
Noble (S)
702 Vacant
704 Harry Hobbs
704½ Goldie Hunter
707 Clifford Batt
708 Jasper E Ralsor
709 Theo C Wiese
709½ Arthur Fox
710 Elmer Stoddard
711 Luther E Cloud
713 Clarence Wilkins
714 Chas N Specht
715 Louis H Kauffman
716 Adelia A Webster
Spring (S)
719 Jno H Rader
720 Bertha A Parks
723 Fredk A Wetzel
724 Geo F Berg
725 Jas H Hawkins
726 Jas J Lumford
740 Frances D Allen
Fulton (S)
Davidson (S)
805 Eliz Stevens
806 Jas W Shaner
Anna Foley
Oliver D Hendricks
811 Forest E Melton
812 Nettie Lepscum
814 Jno J Ray
817 Franklin M Harvey
818 Clayton Scanlon
820 Addie Ganters
821 Jacob A Francis
823 Noah M Russell
825 Mrs Laura Helenburg
827 Herbert L Garey
831 Elmer C Wells
Pine (S)
914 Wm A Calhoun
924 City Asphalt Plant
City Dog Pound
C C C & ST L Ry (S)
1048 Jno O Cotton
1050 Wm H Hartzog
Dorman (S)
1102 A Earl Faller
1104 Vacant
1106 Raymond H Callender
1108 Dell D Dorn
1108½ Willis E Arbuckle
Wm G Howard
M E Weise
1110 Jno E Marsh
1112 Mrs Fannie V Hanson
Highland av (S)
1201 Timothy M Fenton
1202-04 E Fred Bloemker gro
1205 Jacob Shallet
1206 Philip Weser
1209 Clara Armbruster
1210 Kath Brennan
1214 Jno D Young contr
1216 Edw Roney
Nicholas M Smock
1215½ Edwin McIntosh
1217 Chas R Poole
1218 Allen S Nickey

WANGELIN-SHARP CO.
PERSONAL SERVICE
FORD CARS
FORD TRUCKS
FORDSON TRACTORS
459-65 VIRGINIA AVE.
PHONES
PROSPECT 360
AUTO 51-454

TOOLS • MILL SUPPLIES • BUILDERS' HARDWARE • CABINET HARDWARE • UPHOLSTERY GOODS

VONNEGUT HARDWARE CO.
120-124 EAST WASHINGTON ST
TELEPHONES AUTO 3442-11, MAIN 4192
YOU CAN GET IT AT VONNEGUT'S

SECURITY TRUST CO.
111-113 NORTH PENNSYLVANIA STREET
4% ON SAVINGS
SAFE DEPOSIT BOXES $3.00

Pennsylvania (A)
100-112 Indianapolis Star
115 John C Scott
Susquehanna (A)
118-120 Rapp & Lennox
122 Robbins & Schildmeier Co
124 Cico Hotel
126 Vacant
128 Vacant
130-132 Banner Furniture Co
134 Vacant
136 The Halcyon
Flats
1 C C Hauger
2 Norbert Landgraf
3 Emma Allen
4 Edna Allen
5 Agnes M Darmondy
6 Lucy Albert
7 Ellen E Walker
8 Office
10 C Edwin Murphy
11 Lewis A McCammon
12 Roy L Burtch
14 Florence Meehan
15 Josephine Gasper
16 Margaret Barnes
17 Wendell O Bangs
18 Verna Prather
19 Charles E Haugh
138 Clifford Deweese
140 M T Waddell
Delaware (D)
Mass av (A)
205 Coburn Apartments
Flats
1 W H Sumption
2 G A Baker
3 Caroline Merrill
4 J W Jefferson
5 F H Crull
6 C A Behymer
7 W H Bromley
8 W J Chidester
9 O J Mansfield
10 W H McKeag
11 J N Cox
12 K A Thompson
14 W J Webster
15 E C McIlvain
206 1 Robert W Underhill
" 5 John McHenry
" 7 Cooper Bros
207 Otto J Suesz
209 Benton V Canfield
215 The Knickerbocker
Flats
1 S H Searle
2 C R Lee
3 T F Dugan
4 J C Mahan
5 E M Birchard
6 J F Stokes
20 J P Huffman
21 H H Keller
22 Elvira DeBolt
23 M D McConlogue
24 J F Collins
25 Joseph Stein
26 C J Droage
27 H J Miller
28-A Klyde Mitchell
28-B M L Nichol
28-C Josephine Hahn
29 W V Green
30-A A V Sherman
30-B F A Wood
30-C C F Lee
31 F A Long
32 W H Shilling
33 C L Morgan
34 J J Keegan
35 S C Jones
36 Vacant
37 Etta Roudebush
38-A Annie Michaux
38-B Margaret Wilkinson
38-C Myrle Girty
39-A E M Field
39-B Mary Spencer
39-C Nellie Noland
214-216 Lustrine Mnfg Co
" Bailey & Hunter
220-224 Kenney & Siefert
Hudson (D)
221 C U Tel Co
227 Addie Smith
231 Frederick S Biddle
234-236 C A Leeseman
238-244 Anna Connor
Alabama (F)
s e cor Indpls Fire Dept Hdqtrs
302 James A Athens
302½ Mack C Vales
304 The Vienna
Flats
1 Belle L Carter
2 Charles E Miller
3 Will L Harris
4 Mabel Myers
5 Louise Mahan
6 Ada B Hull
7 Gertrude E Hardee
8 Vacant
9 E L Moriarty
10 Joseph J Brown
11 Ella M Keller
12 Fred B McNeely
306 Edward N Hazzard
310 Julia Dawson
314 Roy Throckmorton
318 Wm E Spaulding
Ogden (F)
319 Frank Bird Transfer Co
" Indpls Transfer Co
320 J M Allen
322 Gertrude Vernon
329 Joseph A Coombs
350 Wm Cox
New Jersey (F)
402-408 The Celeste
Flats
1 Mary H Myers
2 John B Orman
3 Edward F Hessel
4 Gustav E Pohlman
5 Ethel B Whitney
6 Paul A Davis
7 John N Bromert
8 Charles A Hawkins
9 Elizabeth Cooksey
10 Russell S Thompson
11 Buren S Webster
12 Fred N Reynolds
416 Emma J Etchison
421 Della B Collins
422 Theophilus Jones
Adelaide (F)
425 Edward H Davis
426-430 T J Hendricks
427 Harry S Throne
429-431 Bert C Pastner
434 Elizabeth E Lewis
435 Katherine Thomas
437 Julia A Thompson
East (S)
501 First Church Evangelical Assn
509 Minnie M Bailey
511 Herbert McDowell
512 Clinton Cummins
513 Harriet Cox
516 Nora E Whitaker
519 David Davis
520 John J Easthom
521 Mary Broden
523 Joseph G Thamann
524 Alice M Williams
525 Warren R Mumma
527 Emma J Stevenson
528 Burrel W Frazier
529 Katherine Grosch
531 Albert Pearson
532 Anna M Hanly
535 Wm E Champe
536 John Elwood
537 Wm W Bane
539 Vacant
540 Carrie Bowman
541 Henry Risler
543 Olive B Herold
544 Stephen D Stubblefield
545 Mary J Lehan
Liberty (S)
601 Alphons J Buch
603 Siegmund Hoffman
604 Willis A Hoffstodt
605 Marie V McMillan
" Jacob A Leffler
608 Henry I Berger
609 Allie Smythe
610 John H Hensel
611 Regina Pretzfelder
613 Harry E Willitts
" (rear) Oscar L Meek
615 Charles L Fairchild
616 Henry M Klein
619 Z Walter Adams
620 John Rosenberg
621 Wm H Barr
622 LeRoy Holstein
" George Lee
624 R L Castle
625 Howard B Cornell
626 Elizabeth S Snodgrass
627 Benjamin Benjamin
631 Rose Stevenson
632 Vacant
633 Homer D Gregg
636 Wm H Smithey
638 Anna Sieboldt
640 Anna J Orwin
656 Stella M Wilds
658 Charles Holtman
660 Edd Martin
Noble (S)
702 Benjamin & Kafoure
704 Wm Schultz
707 Francis E McDaniel
708 Benjamin Reeves
709 Theodore C Wiese
710 Charles Specht
711 Abraham Simon
713 Louis H Kauffman
715 Vacant
716 Adelia A Webster
Spring (S)
719 John H Rader
720 Edward Hoffmeyer
723 Wm C Scheuer
724 George F Berg
725 James Schmink
726 Almira Peters
Fulton (S)
Davidson (S)
805 Thomas Edwards
811 Otto W Jackson
812 Henry E Guy
814 Robert Miller
817 Chester Hutchens
818 Charles W Perry
820 Addie Ganters
821 Edd Martin
823 Thomas Johnson
825 Mary Harvey
827 John Dixon
831 Elmer C Wells
Pine (S)
914 John R Miller
924 City Asphalt Plant
C C C & St L Ry (S)

MERIDIAN SECURITIES CO INC.
Capital Stock $100,000
STOCKS, BONDS
REAL ESTATE
INSURANCE
FINANCING
RENTALS
LOANS
PHONE MAIN 2903
SUITE 1011 HUME-MANSUR BUILDING

LIFE INSURANCE COMPANY OF VIRGINIA
ORGANIZED 1871 : RICHMOND, VIRGINIA
A. MORLEY, Superintendent, 219-225 Indiana Trust Building, Indianapolis, Indiana
Is a regularly organized Life Insurance Company operating under a Special Charter from the State of Virginia.

INDIANAPOLIS BREWING COMPANY
DRAUGHT AND BOTTLED BEERS—ALES—PORTER
C. F. SCHMIDT BRANCH — P. LIEBER BRANCH — Garfield Park or South East Street Cars

1048 F J McNamara
1050 Jay Jennings
Dorman (S)
1104 George M Sparks
1106 Floyd W Martin
1108-1108½ The Park
" Walter Kime
1110 Vacant
1112 Vacant
Highland av (S)
1201 Peter H Noon
1202-1204 E F Bloemker
1205 Louis E Koss
1206 Philip Weser
1209 Harry E Rice
1210 Catherine Brennan
1214 Herman S Drake
1215 August J Wernsing
1216½ Wm C Norris
1217 Frederick C Weiss
1218 Allen S Nickey
1221 Rudolph A Weibel
1222 George Wernsing
1301 Frederick Hinnenkamp
1302 Caroline Koss
1305 James T Leary
1306 John H Roberts
1309 H A Rogers
1310 Lee R Finehout
1311 John Felder
1313 Ferdinand Swern
1314 Mary E Sims
1315 John L Feltman
1317 George V Grieb
1318 J H Poggemeyer
1319 George Dunn
1322 Albert J Baker
Oriental (S)
1401 Michael Dean
1402 Anthony F Scanlan
1403 John H Horsting
1404 Joseph Hofstatter
1405 Wm C Kaiser
1406 Henry C Schwier
1409 Albert Hutchinson
1410 John D Arensman
1413 George A Shea
1414 Louis A Libking
1415 Irwin Ryle
1417 Anton Prange
1418 Mary C McGrayel
1421 Aaron Sylvester
1422 John J Mahrdt
1423 Henry B Crane
1425 Harry C Ballard
1427 Fred Davenport
1429 Harry A Voris
1430 Edward H Moorman
1431 John E Johnson
1432 Frank Maurath
1433 Alice Williams
1435 Frank H Schoppenhorst
1482 Harry C Clifford jr
Arsenal av (S)
1517 John L Burk
1521 Harriet VonDerheide
1523 James E Herndon
Summit (S)
1610 Wm T Scudder
1612 Fred V Law
1616 James A Norris
State av (S)
1717 Benjamin A Burkart
Walcott (S)
1820 Victor H Bolton
1822 Joseph Schoenig
Randolph (S)
2030 Stella Wilcox
2032 Ward W Guernsey
Hamilton av (S)
Jefferson av (S)
2202 Herman R Corbin
2204 Henry C Bade
2209 Carl M Burch
2210 Florence V Endsley
2211 Wm C Showalter
2212 Earl B Stewart
2215 Wm Eckert
2219 J Milton Hinkle
2225 Effie Brown
2226 East Park M E Church
2227 Wm P Clark
2229 Cynthia A Stark
2230 Byron O Terry
2234 John Stetler
Beville av (S)
2301 Charles C Collins
2305 Fred L Eastwood
2308 Martin J Hines
2309 Charles E Moorhead
2312 George J Bishop
2315 Wm Heger
2316 Carl S Whitford
Keystone av (S)
Temple av (R)
Eastern av (R)
2710 Minnie Mix
2714 Benjamin C Weaver
2716 Ralph W Dyer
2718 Elmer A Vanhart
2728 Winfield S Smith
2730 W Scott Smith
Rural (R)
2817 Edward A Manning
2818 Orlando B Orton
2819 John W Fowler
2825 Benedict Fansler
2826 John A VanSickle
2829 Thomas P McGinnis
2831 Alva M Jared
2835 Thomas H Tinney
2836 Edward C Hasseld
2838 Wm E Stephens
2842 Herbert L Rigg
2850 Benjamin F Burgess
Oxford (R)
2910 Estele Haynes
2915 Alonzo F Brown
2917 Charles R Keogh
2919 Joseph H Whitehouse
2923 Frank G Bucksot
2926 John A J Sehrt
Oakland (R)
3004 Sherman Irwin
3016 Edward T Hale
3024 Frank A Armborst
3036 Henry F Davis
Gray (R)
3105 Frank Weisenberger
3108 Louisa Kernan
3109 Wm Kistner
3110 John H Loser
3112 Myrtle L Hurst
3113 John W Wiese
3114 Henry F Hare
3115 Henry E Roehm
3118 Frank Matlock
3121 Carl L Schindler
3122 Edward Schreiner
3125 James R Madison
Dearborn (R)
3205 Joseph A Clifton
3209 Otis Chambers
3210 Quincy Rooker
3213 Peter Farren
3214 Grant Roberts
3219 Ida T Schauffele
3220 Fred F Sutton
3221 G E Delks
3222 Jed J McCarthy
3223 Joseph Hochadel
LaSalle (R)
3305 Benjamin V Barton
3309 Albert S Bannworth
3312 John L Terhune
3314 Jesse B Walker
3315 John H Cain
3316 Otis V Hicks
" Joseph H List
3317 James R Madison
3319 Arnold H McAtee
3320 Michael Seyfried
3321 Wm C Hunt
3325 Adam W Neer
3329 Thomas H Crabtree
3332 Dempsey H Mosier
3335 Frank A Schuh
3337 James W Brook
Tuxedo (R)
3401 Tuxedo Coal Co
Belt R R (R)
3504 Blakley Granite Co
3516 Indian Refining Co
3522 Wm H Orbison
Gale (R)
3523 Samuel J Ritchie
3525 Joseph Huber
3527 Merle V Davis
3529 Edwin B Harris
Kealing av (R)
3703 David R Tilton
3708 Harry Schmoe
3712 James H Benton
3714 Albert L Ring
" Henry C Pfisterer
3715 Vacant
3719 Harry R Bretney
3721 Jesse B Monticue
3722 Wm H Christena
3723 Robert Many
3725 Otto R Lindstaedt
3730 Edward F Kramer
3739 Henry Schlosser
Sherman Drive
3810 Otto Weisman
3812 A P Lewis
Bradley (R)
3838 Clarence Reynolds
3839 Frederick B Bennett
Denny (R)
3851 Red Men's Hall
Chester av (R)
4008-4010 Thomas H Peters
Garfield av (R)
4107 Arthur R Floyd
4109 Raymond Thompson
4115 Joseph W Talbert
4117 Jesse E Pigman
4121 Arthur M Hetherington
Gladstone av (R)
4210 Albert C Fischer
4211 Wm A Miller
4212 Wm H Teeple
4215 Virgil B Hancock
4217 L C Hoover
Colorado av (R)
4401 Theodore J Grave
4402 Jasper Dudgeon
4405 Mary J Dinkins
4612 John F Lichtenberg
4806 Wm B Ward
4815 B H Ervin
4833 Albert H Geisel
" Horace J Boston
4837 W A Mason
4902 Clarence L Cummins
4911 Henry H Slough
4929 Wm J Russell
5001 Ray H Ramsey
5002 Vacant
5004 Harry Gates
5009 Harry R Brown
5015 Mathew N Hicks
5030 Duke E Hanna
5042 Wm M Pollard
5046 Winifred Huber
5049 T E Davidson
5050 Howard E Robertson

Thornton-Levey Co.
Printers and Lithographers
Commercial Stationers Loose Leaf Ledger Outfits
Pennsylvania & Maryland Streets Telephones, Main 1777, New, 1220

New Phone 743 H. C. Bauer Engraving Co. Rauh Bldg. 122 E. Ohio St.

City Directory Abstract

The information below is taken directly from city directory books. The following are definitions as they are found in the Haines books:

XXXX = is no phone, no people or non-published phone.
600 XXXX = Correct address only. No other information.
X Streetname = intersecting cross street

Historical Information Gatherers

Publication	**2010 Indianapolis - Haines**	HIG Project No.	1412365
Street	**North Alabama Street, Indianapolis,**	Report Date	2/3/2015

Address	Listing
	X E MARKET ST
100	COMPUTER REPAIR - GEEKS MOBILE
	X E WABASH ST
155	AAA BAIL BONDS INC
	X E OHIO ST
202	LIBRARIES PUBLIC
215	XXXX
219	XXXX
223	FISHER Jim
227	XXXX
231	BLUM James
255	HASKIN JOHN H ATTY
255	LARUE DENISE K ATTY
255	MANSUR REAL ESTATE SERV INC
255	HASKIN & LARUE LLP
	X E NEW YORK ST
302	GOODEN William W
302	BERRY GIL I JR
302	BERRY GIL III
302	BREUNIG PRSTN T BCK BRRY
302	BUCK BRRY LNDU&BRNG PRO ASCTN
302	LAMB Edgar H
302	LANDAU GARY R ATTY
302	MILLER Troy M
302	PASTORE Thomas A
302	PUMPHREY & MANLEY
302	WESTBROOK MARTHA L ATTY
302	CARNELL & CARNELL LLP
302	BUCK JAMES A ATTY

303	LIFE SERVICES EAP
303	WILLIAMS TRACEY TABOR DMD
303	WHITE RIVER PSYCHOLOGY
303	TRUSTEE LEADERSHIP DEVLP
303	PUBLIC SAFETY MEDICAL SERVICES
303	NHTH CONSULTANTS
303	INDPLS CNTR FOR CONGREGATIONS
303	BRICKLAYERS LCL 3 PENSION TRST
303	OLIN BRASS
310	OFFICE BUILDING
333	CTI BILLING SOLUTIONS
333	CTI GROUPS
	X MASSACHUSETTS AVE
	X E VERMONT ST

City Directory Abstract

The information below is taken directly from city directory books. The following are definitions as they are found in the Haines books:

XXXX = is no phone, no people or non-published phone.
600 XXXX = Correct address only. No other information.
X Streetname = intersecting cross street

Historical Information Gatherers

Publication	**2005 Indianapolis - Haines**	HIG Project No.	1412365
Street	**North Alabama Street, Indianapolis,**	Report Date	2/3/2015

Address	Listing
	X E MARKET ST
	X E WABASH ST
155	AAA BAIL BONDS INC
155	SEBRING LES BONDS
155	WIDGERY LES BONDS
	X E OHIO ST
202	CTY CO LBRY
	X E MIAMI ST
215	GROSS Marvin
219	ROTH J
223	FISHER James
227	ROBB Margaret
231	BLUM James
255	OFFICE BUILDING
	X E NEW YORK ST
302	OFFICE BUILDING
303	OFFICE BUILDING
303	HEALTH DIRECTIONS
303	J WHIT S RESTAURANT & BAR
310	OFFICE BUILDING
333	BT AMERICA INC
333	CTI SOLUTIONS
333	LOCKERBIE MARKETPLACE SECURITY
333	MANPOWER
333	MANPOWER DOWNTOWN
333	UNITEDHEALTH CR
333	XILA COMMUNICATIONS
	X E VERMONT ST
	X MASSACHUSETTS AVE

2001 Marion County, IN - Polk City Directories

AINTREE TER

6523 Snapp Norma P [9]+ ☗ 577-0186
6524 Hathaway Eston W [2]... 585-1602
Hathaway Janet..... 585-1602
6527 Wehlacz Joseph T [5] ☗
..... 579-1927
6528 Hancock Joann M [7] ☗
..... 594-9765
6531 Oconnell Kathleen A [9]+ ☗
..... 578-9756
6532 Not Verified
6535 Furman Justin R [4] ☗.. 842-4564
6536Ⓝ Cash Shirley ☗..... 915-0084
6539 Jewell Nancy A [2] ☗
6540 Not Verified
6543 Fuson Carolyn J [9]+ ☗
6544 McWilliams Helen C [9]+ ☗
..... 577-3241
6548 Huntsinger Patricia L [2] ☗
6549 Mullins Patricia A [3] ☗ 915-0442
6552 Not Verified
6553 Ballard Laura J [6] ☗.... 596-0799
6556 Elliott Lea A [6] ☗
6557Ⓝ Shedd-Stee Rivienne B ☗
6560 Not Verified
6561 Hansan Paul B [8] ☗.... 594-8673
6564 Mulligan Neal J & Marie [7] ☗
6565 Wiechman Alice H
Wiechman William P [9]+ ☗
6568 Dobbs Emily J [4] ☗
6569 Davis Cynthia S [9]+ ☗
6573 Hendrickson Sharon K [7]
..... 578-3157
6577 Moroney Betty J [9]+ ☗ 845-8182
6581 Lear Anne L [9]+ ☗..... 849-7940
6585 Rourke Anne E [9]+ ☗. 577-4054
HOUSEHOLDS 34

AIRA DR (INDIANAPOLIS)-FROM 9201 CASA DR NORTHWEST

· ZIP CODE 46234 CAR-RT C034
405 Collingsworth David G [4]
..... 271-3919
407 Not Verified
409 Taylor Robert D [6] ☗.... 271-2246
Taylor Sharon S..... 271-2246
501 Not Verified
502 Pike Robert W [4] ☗..... 271-4805
503 Sullivan Sherry L [2] ☗
Trimpe Erin S [3]..... 271-0368
504 Not Verified
506 Davis Robert M [9]+
507 Perez Guadalupe T..... 271-2706
Perez Luis A [3] ☗..... 271-2706
508 Underwood Bryan D [9]+ ☗
..... 271-6437
511 Not Verified
513 Hooker John B [2]..... 209-8023
515-517 Not Verified (2 Hses)
519 Sylvester Lois M [8] ☗
603 Irvin Larry W [8]
76 Armstrong John S [4]
604 Drake Anita K [7] ☗..... 273-0254
Drake Shawn A..... 273-0254
605 Hash Stephen E [9]+ ☗.. 271-5257
606 Earles Leilani S [2]..... 271-7798
607 Huffer Keith E [9]+..... 271-4029
+MARIWOOD DR INTERSECTS
HOUSEHOLDS 22

AIRPORT EXPY (INDIANAPOLIS)-

· ZIP CODE 46241 CAR-RT C021
4410 MOTION INDUSTRIES.. 248-2100
4420 ALLIED EQUIPMENT.... 487-1400
4422 CHANCE AVIATION SERVICE
..... 486-8802
4430 PRIME DISTRIBUTION SERVICE
..... 240-6800
RETURN busn serv..... 227-3060
B M H JONES CONSULTING busn
consult 247-9737
BUSINESSES 6

AIRWAY DR (INDIANAPOLIS)-FROM 3869 S HIGH SCHOOL RD WEST

· ZIP CODE 46241 CAR-RT C053
6352 ASSOCIATED MEDICAL PRODS
..... 856-1320
MEDICAL SYSTEMS surgical
instrmts/appr 856-1340
6367 PILOT AIR FREIGHT.... 856-7636
6425 BAX GLOBAL..... 856-1222
TEMPLE TRUCKING SERVICE
..... 856-2670
6430 TOWNE AIR FREIGHT. 856-9283
+W HANNA AVE INTERSECTS
BUSINESSES 6

N ALABAMA ST (INDIANAPOLIS)-FROM 399 MASSACHUSETTS AVE NORTH

+S ALABAMA ST CONTINUES
+E WASHINGTON ST INTERSECTS
+E COURT ST INTERSECTS
+E MARKET ST INTERSECTS

· ZIP CODE 46204 CAR-RT C008
50 MARION COUNTY DOMESTIC
RLTNS..... 327-3858
250 CRIME STOPPERS
..... 262-8477
E208 INDIANAPOLIS CHIEF'S
OFFICE 327-6041
E221 INDIANAPOLIS POLICE
DEPARTMENT ... 327-3811
E224 MARION PUBLIC SAFETY
DEPARTMENT ... 327-5090
+E WABASH ST INTERSECTS
155 AAA BAIL BONDS surety ins
bonding..... 634-3127
+E OHIO ST INTERSECTS

· ZIP CODE 46204 CAR-RT C029
202 INDIANA STATE MUSEUM art
gallery..... 232-1637
NATURAL RESOURCES
DEPARTMENT ... 232-1637
+E MIAMI ST INTERSECTS
+E NEW YORK ST BEGINS
302 BAYS DONNA J..... 638-3333
BENNETT MAXINE T.. 638-3333
BERRY JUNIOR GIL I 638-3333
BREUNIG PRESTON T
..... 638-3333

N ALABAMA ST

BUCK BERRY LANDAU &
BREUNIG 638-3333
DUCHON DARRYN L.. 638-3333
LANDAU GARY R..... 638-3333
PERRIN JOHN A..... 638-3333
WESTBROOK MARTHA L
..... 638-3333
303 Berger Allan S [5]
FIXX..... 229-2935
PESTO..... 269-0715
WILLIAMS APPRAISAL SERVICE
legal/tax serv 262-4545
110 MOFFATT STEVEN internal
medicine prac 972-1180
110 PUBLIC SAFETY MEDICAL
SERVICE internal medicine
prac 972-1180
250 FANGER COMMUNICATIONS
..... 955-9020
260 RICHARD HARRISON BAILEY
..... 822-6200
270 HOVEY CYNTHIA dentist
..... 637-4636
280 ADTEC ADMINISTRATION &
TECH 972-8832
280 INDIANA ASSOCIATION-
INDEPENDENT growers'
assns 972-8879
320 MEYER & WALLIS
..... 955-9414
350 LOCKERBIE CHIROPRACTIC
..... 262-2288
360 BRICKLAYERS PENSION
TRUST union funds
..... 262-4640
380 SERVICE DESIGN TIER
TECH indl/labor conslt serv
..... 974-0836
390 WHITE RIVER PSYCHOLOGY
..... 684-7171
310 RINGHAM ARCHITECTURE
..... 955-3050
TABULA RASA ARCHITECTS
..... 972-9920
100 VALENTINE GROUP
..... 916-9627
110 CRS INTERCEPT COMPANY
..... 955-5100
200 NESS & COMPANY auditing
serv 261-4400
250 OSBORNE LAW FIRM
..... 634-4800
300 ETLING GRETCHEN H
..... 637-4400
300 HOLLAND & HOLLAND
..... 637-4400
300 HOLLAND ETLING
GRETCHEN 637-4400
300 HOLLAND MICHAEL W
..... 637-4400
300 REEDER CHARLES G
..... 637-4400
340 ZURFACE SANDERS &
RASOR auditing serv
..... 631-6761
350 FRANKLIN PUBLISHING
promo prtg litho 634-5001
333 NETISUN computer prphl equip
..... 488-8811
220 MANPOWER..... 262-1122
240 CENTILLION DIGITAL
SYSTEMS computer prphl
equip 262-4896
240 CTI DATA SOLUTIONS online
serv providers ... 262-4666
240 CTI GROUP HOLDINGS
..... 262-4666
240 XILA COMMUNICATIONS
computer prphl equip
..... 262-4818
+MASSACHUSETTS AVE INTERSECTS
+E VERMONT ST INTERSECTS
+E VERMONT ST INTERSECTS

· ZIP CODE 46204 CAR-RT C034
412 DEVONSHIRE APARTMENTS
..... 822-1925
106 Debrucker G [2].... 917-8803
110 Not Verified
202 Abdullah Syidah [3]
..... 916-8144
204 Not Verified
302 Evans Barbara D [2]
..... 822-9734
303 Macdougall Bruce I [2]
..... 916-4045
304 Not Verified
305 Williamson Sharon L [6]
..... 972-6897
307 Meinsen Danielle M [2]
311 Not Verified
312 Connors Patrick J [6]
..... 822-9974
+E MICHIGAN ST INTERSECTS
540 BATTERED WOMEN..... 637-5551
SALVATION ARMY..... 637-5551
+E NORTH ST INTERSECTS
600 Loser Mary M & Jack [9]+
200 Thompson Daryl G [2]
500 Not Verified
506 Bokmeyer Andrew A [2]
600 Gregory James R [2]
700 Not Verified
805 Denison Terri L [5]
806ⓃHumphrey Jason T
900 Belser Valerie S [2] ☗
902 Not Verified
1002 Anderson Brandi M
1002 Anderson Brett M [6]
1003 Floodlafay Linda H [5] ☗
1004 Bertram Russell J [4]
..... 917-1787

N ALABAMA ST

1005ⓃSepich Michael J
1102 Shaw Leslie K [4]
..... 916-8337
1105ⓃSnyder Michael J
1205 Botshekan Sousan D [6]
1300 Bisson Teanna M
1300ⓃBisson William M
1302-1306 Not Verified (2 Apts)
1403 Olson P E [3]..... 635-6609
1406 Salb Richard M [9]+
..... 639-9719
1500 Beristain Xabier [4]
..... 916-0196
1700ⓃBenway Brian M
1705 Frosch Adrian [4]
1804 Not Verified
1902ⓃReinke Andrew J
2004-2102 Not Verified (2 Apts)
2203 Baehner Robert L [2]
..... 423-1685
2302ⓃWincek Andrew J
2304 Alexander Jill M [3]
2400 Butters Thomas W &
Maryanne [6] ☗ . 955-7422
2600 Morton Cliff J & Anita [6] ☗
2902-3002 Not Verified (3 Apts)
A COHESIVE NETWORK GROUP
..... 631-5930
615 Noe Diane J [2]
108 DAY NURSERY.... 636-9197
119 CENTRAL INDIANA
COMMUNITY 634-2423
119 INDIANAPOLIS FOUNDATION
..... 634-7497
119 WOMEN'S FUND OF
CENTRAL IN 631-6545
122 LEGAL AID SOCIETY-INDPLS
..... 635-9428
134 CONSUMER CREDIT
COUNSELING SERVICE
..... 266-1300
200 YMCA-GREATER
INDIANAPOLIS .. 266-9622
220 FAMILY SERVICE
ASSOCIATION ... 634-6341
220 PROGRAM FOR VISUALLY
IMPAIRED 634-6341
310 COMMUNITY CENTERS-
INDIANAPOLIS .. 638-3360
319 COLEMAN ADOPTION
SERVICE 638-0965
322 UNITED CEREBRAL PALSY
ASSOCIATION growers'
assns 632-3561
325 HAPPY HOLLOW
CHILDREN'S CAMP sporting
camps 638-3849
328 SOCIAL HEALTH
ASSOCIATION ... 638-3628
336 BIG SISTERS OF CENTRAL
IN 634-6102
410 INDIANA ASSOCIATION OF
REHABILITATION
..... 634-4957
426 CHILDREN'S BUREAU-
INDIANAPOLIS soc serv for
the handi 264-2700
426 FOSTER FAMILY
RECRUITMENT LINE
..... 264-2718
430 CHILD CARE ANSWERS
..... 631-4643
650 RILEY TOWERS..... 635-3300
+E WALNUT ST BEGINS

· ZIP CODE 46204 CAR-RT C043
700 Burreson Melody R [5]
Ritchie Edie W [7] ☗
Sterr John C [2]
100ⓃBrooke-Nonte Angela B
..... 822-0353
102 Volz Christopher R [3]
..... 916-9226
104 Adams Dianne A [6]
..... 917-9460
106 Dickinson Cynthia D [4] ☗
108 Cain Gregory A [2]
118 Boothman Linda K [2] ☗
..... 916-6039
118 Boothman Richard 916-6039
200ⓃSimmons Denise L
202 Conklin Lesley A [5]
206 Zollicoffer Lois J [3]
210 Swartz Julie A [2]
221 Anderson Melissa V [5]
..... 634-7311
402 Bowling Beverly J 632-6210
402 Bowling Glen D [9]+ ☗
..... 632-6210
407 Lindley Jonathan B [3]
413-509 Not Verified (2 Apts)
512 Gabig Joan M [2].. 972-1665
514 Canganelli Monica L [2]
515 Blaylock Eva J
515 Blaylock Timothy [2] ☗
516 Vepachedu Sreenivasarr R [5]
600 Linker David M [2]
605 Not Verified
607 Feit Renee L [2]... 951-0178
611-613 Not Verified (2 Apts)
614 Ling David D [2]
716 Martinez Lynn B [2]
..... 916-6794
802 Not Verified
803 Kalathil Vinod V [2]
806 Not Verified
815ⓃBieberich Sara N
816 Knudten Keri L [2]
900 Callahan Brenda K
900 Callahan Janet G [6]

N ALABAMA ST

909 Culbertson Helen E [9]+
..... 632-4194
910 Szczesiul Mary L [9]+
..... 638-5658
911 Not Verified
913 Vanhorn Gail M [3]
915 Neil James R [2]
916 Carter Leslie J [3] 681-8234
1004 Bates Anthony R [3]
1006 Leary Aaron M [2]
1011 Hughes James R [9]+
..... 631-7203
1011 Hughes Okkyung K
..... 631-7203
1012ⓃGerstung Nancy J
1100 Hicks John N [3]
1104 Arvin Donald C [3]
..... 972-9709
1106 Crowe Brenda J [3]
..... 916-9294
1113 Abazari Leyla [5]. 955-8901
1115ⓃZenovich Andrey
1116 Scott Robert R [4]
1208 Leblanc Jason T [2]
1211 El Shareif E [2]
1215 Krallman Nicki B [3]
1216 Li Xiaochun [7]
1304 Not Verified
1305 Barks Margaret M [7]
..... 634-1880
1307 Chang H [4]..... 916-9984
1311 Chapman Kelly J [9]+
1313-1315 Not Verified (2 Apts)
1400 McKallip David J [6]
1407 Not Verified
1500 Ellis Chad M [4].. 632-0977
1502 Bailey Carol E [9]+
..... 636-2081
1516 Not Verified
1604ⓃKirkbride Dennis L
1610 Wharton Andrea M [2]
1613-1616 Not Verified (3 Apts)
+E 7TH ST BEGINS
+E SAINT CLAIR ST INTERSECTS
+FORT WAYNE AVE INTERSECTS
+W ARCH ENDS
824 Miles J [2]..... 916-1076
1 Not Verified
828 Isitt Kenan [2]..... 631-5120
5 Not Verified
830 Shoaf Jill [2]..... 917-7970
+E 9TH ST INTERSECTS
+E SAHM ST INTERSECTS

· ZIP CODE 46202 CAR-RT C028
906 Schlabach Ervin E [2]
917 Herron Mark J [4] ☗..... 634-2671
919 Romerill David B [5]..... 972-9477
920 205 Ferland Dennis P IV & Jan [2]
921 Morris Tommy J [6] ☗
923 Czajka Terri A [9]+ ☗.... 634-0987
925 Ekins Sean D [3] ☗..... 974-1356
926 Orr Leah [9]+ ☗..... 637-4532
927 Ard Linda C [5] ☗..... 264-8169
+E SAINT JOSEPH ST INTERSECTS
928 Mailand Harold F [9]+ ☗ 266-8398
929 George Jeffrey L [4] ☗
George Laurence C
930-931 Not Verified (2 Hses)
932 Chilluffo Garry L [8] ☗.... 636-5858
933 Houtman Todd A [2] ☗... 656-0000
934 Mallonee Stephen A [6] ☗
935 Not Verified
936 Patterson Joseph D [8]... 264-0009
937 Morris Christopher D [2] ☗
..... 822-9980
939 Johnson Susie A [9]+ ☗. 637-9167
940 Zunkel Janet K [7]..... 693-9087
+PURYEAR ST INTERSECTS
943 Laudis Caroline L [9]+ ☗ 685-1224
944 ENGLISH IVY'S restr..... 822-5070
947 ALABAMA LIQUOR STORE
..... 634-8792
948 RUSCHMAN ART GALLERY
..... 634-3114
950 PRECIOUS DESIGN STUDIO
..... 631-6560
+E 10TH ST INTERSECTS

· ZIP CODE 46202 CAR-RT C007
1013 Chaille Peter J [2]..... 951-9135
1014 Phieler Kevin L [2] ☗
1015 Bovey Gary [2]
1016 Adams Kevin H [6] ☗... 464-0452
1017 Riemen Sarah F [3]..... 955-1983
B McDonald Kathleen M [3]
1019 Not Verified
1020 Bridge Patrick E [5] ☗.. 822-9144
1027 Gibson David B [2]..... 236-8503
+E 11TH ST INTERSECTS
1101 B Charnov Jason T [2]
1103 Rush Sharon L [2]..... 423-9655
A Montalvo Yvonne N [3]
1104 Gibson Jean L [2] ☗
+E 12TH ST INTERSECTS
1201 Not Verified
1211 Perrin Charles F [9]+ ☗
Perrin Patricia E
1213 Medveckis Valeriano [9]+ ☗
..... 634-7909
Medveckis Valerija G... 634-7909
1219 Flock Kurt L & Kate [9]+ ☗
..... 637-4887
FLOCK REALTY..... 634-6676
A Cunningham Carrie N [3]
1225 Johnson Eleanora [9]+... 685-0812
1231 Hennenfent Donald J & Carol [9]+
☗..... 226-9145
TIMBER MILL RESEARCH
..... 636-5722
1242 Repass Priscilla A [9]+ ☗
+E 13TH ST INTERSECTS
1301 Winfrey Tamaisa D [4].. 822-6781
5 Grimes Eric L
5 Grimes Rosie L [2]
1304 EⓃFoster Christina M
E Kavanaugh Jeffrey J [2]
F Savka David A [4].... 974-0898
G Masariu Lisa L [3].... 635-7224
G Masariu Lisa R..... 635-7224

N ALABAMA ST

H Berger Stacey A [9]+ ☗
..... 264-9241
1315 Pauly Barbara J [6] ☗.. 632-7560
1319 Oddi Marcia J [9]+ ☗.... 266-0805
1322 Shin Jae E [3]..... 974-0086
A Tatnall Sarah B [2]
B Not Verified
C Mooney Jonathan T [3]
E Jones Jennifer L [5] ☗
H Not Verified
1325 Welsh James C [2] ☗
1326 Cueller Daniel T [9]+ ☗
1332 Pickard Andrew C [9]+ ☗
..... 263-6646
Pickard Anne C..... 263-6646
1335 8 Marmion Abigail A [6] ☗
1340 OLD NORTHSIDE BED &
BREAKFAST..... 635-9123
+E 14TH ST INTERSECTS
1402 COLEMAN VERN..... 684-7317
105 Not Verified
107 Sobotowski John A [2]
109 Fredrick David W Jr [2]
201 Aikins Loren L [2]. 951-4045
202 Not Verified
206 Murrell Sheria Y [2]
..... 916-1439
210 Dillard N E [8]..... 632-2007
216 Freese James M [9]+
..... 685-2832
308 Not Verified
310ⓃAyhan Halil
B1 Not Verified
1408 Bloem Dale M [7]
1412 Gaughan Erin M [3]..... 917-8828
1414 Rockey Christa C [3]..... 916-0324
2 Jones Taffie N [2]
1416 Capello William N [9]+ ☗
Christensen Crystal J [9]+ ☗
..... 262-2710
1420 Mullendore Diana L & Dan [9]+ ☗
..... 637-1420
1421 Nelson Charles F [5] ☗ 767-1537
Nelson Laura L..... 767-1537
1427 Ferguson Margaret R [6] ☗
..... 917-0313
Ferguson Mark E..... 917-0313
1428 Lucas Elaine L & Gregory [9]+ ☗
..... 632-2392
1431 Smith Gabe..... 638-9392
Smith Paul F [9]+ ☗..... 638-9392
1435 C Morrill Pamela D [3] ☗
1436 Canaley Timothy J [9]+ ☗
..... 269-8743
Fuller Sharon A [2]
IGENERON..... 574-8800
1440 Toler Erik R [4]..... 237-4519
1441 Osburn Kevin J [4] ☗... 238-5475
1443 Duvall Karen J [2]..... 916-1269
1445 Morris James E [9]+..... 269-8110
1446 Strouse Richard K & Paula [9]+ ☗
..... 639-6393
1452 Gillam Audrey A [9]+ ☗ 635-6175
1455ⓃLawrence Alissa L
Richardson Mark [3]..... 955-8601
1460 Newman James E [6]..... 972-4056
1461 Stewart Jennifer S [8] ☗
..... 634-9861
1462 Radovanovic B [2]..... 917-9520
1ⓃNason Ashley H..... 283-5243
1468 Klion Laurie L..... 634-3830
Klion Reid E [9]+ ☗..... 634-3830
1469 Turner Curtis L [9]+ ☗.. 634-1300
Turner Jeanine D..... 634-1300
+E 15TH ST INTERSECTS

· ZIP CODE 46202 CAR-RT C022
1508 Liggett Troy D [7] ☗..... 974-1467
1510 Farmer Troy D [5] ☗.... 916-6991
1528 Brown William W [9]+ ☗
..... 636-7231
1529 ASHANTI CATERING... 383-3500
+E 16TH ST ENDS
1620 Fishburn David O [5] ☗
1626-1630 Not Verified (3 Hses)
1634 Bourquein Mary L [5].... 926-3375
Logan Virginia D [4] ☗ 926-7777
A Simpson Virginia D [5]
1640 Mirelez Mario A [5] ☗
MIRELEZ ROSS..... 921-9753
1648 Newlon Christine M [9]+ ☗
..... 925-9441
1654 Conway Tranetta [2]..... 926-3505
+E 17TH ST INTERSECTS

· ZIP CODE 46202 CAR-RT C042
1702 10 Coleman Stella B [2] 926-7298
1706 Smith Howard I [9]+..... 923-3118
1709 McQueen Alvan V..... 883-0546
McQueen Vance [2] ☗. 883-0546
1710 Plambeck Maurice L [9]+ ☗
..... 926-0443
1715 Conway Edward A..... 923-5976
Conway Inez [2] ☗..... 923-5976
1721 McKibben Don D [9]+ ☗
McKibben Jennifer L
1722ⓃLux Christopher E ☗
1805 Pannicke Lynn C..... 926-4799
Pannicke Scott A [9]+ ☗
..... 926-4799
1806 NEW REVELATION BAPTIST
CHURCH..... 925-2916
1810 Not Verified
1815 222 Whitlock Michael D [5] ☗
1816 House Tammie J [9]+
Nalls Margaret [9]+..... 923-2166
Nalls Norman..... 923-2166
1821 Gainer Jerrilyn L
Gainer Marvin G [2] ☗
1827 Bowling Lyman C..... 924-2186
Bowling Oda [9]+ ☗..... 924-2186
1842-1844 Not Verified (2 Hses)
1847 EPILOGUE PLAYERS THEATRE
..... 926-3139
FOOTLITE MUSICALS. 926-6630
HEDBACK COMMUNITY THEATRE
..... 926-6630
+E 19TH ST INTERSECTS
1906 Young Blanche E [9]+ ☗
1930 Swift Carole J
ⓃSwift Gary A ☗
1939 Kizer Myron D [5] ☗

ADMIRAL DR *cont'd*

Address	Zip+4 CarrRte Phone
2157 Lowe D	-2105 C053 351-1830
2158 Metcalf Fannie	-2105 C053 353-6097
2161 Williams Cheryl	-2105 C053 353-1059
2163 Lewis Helen	-2105 C053 356-4589
2192 Reese Winford	-2108 C053 357-9140
2207 Mayes Lynda R	-2107 C053 351-8928
2209 Williams Shawn	-2107 C053 353-8912
2215 Brazelton Nathan	-2108 C053 356-1264
2219 Gordon Gregory D	-2107 C053 353-6142
2220 Burton F B	-2108 C053 322-9914
2222 Johnson Terri	-2108 C053 357-1473
2227 Brown Betty	-2107 C053 357-9714
2234 Whitehead M	-2108 C053 357-4061
2239 Smith Charles Sr	-2107 C053 356-5175
2243 Williams Erin	-2107 C053 357-3035
2245 Johnson Franklin	-2108 C053 353-8460
2249 Vanhorn Renee	-2107 C053 356-6507
2256 Jenkins Doriesa	-2108 C053 353-1495

HOUSEHOLDS 29

ADMIRALS CT (I) 46236

Address	Zip+4 CarrRte Phone
7846 Todd Teresa L	-8665 R067 823-8209
7851 SUPERIOR COMPUTER SVC	-8665 R067 823-5187
Higbie Tom	-8665 R067 823-1845
7852 Scali Paul A	-8665 R067 823-2586
Stinger Marvin E	-8665 R067 823-2586

BUSINESSES 1 HOUSEHOLDS 4

ADMIRALS CV (I) 46236

Address	Zip+4 CarrRte Phone
9419 Biggers Joseph	-9184 R060 823-7264
9420 Bond Richard	-9184 R060 823-4298
9426 Stile John	-9184 R060 826-1204
9429 Morgan Kenneth D	-9184 R060 826-1297

HOUSEHOLDS 4

ADMIRALS LN (I) 46236

Address	Zip+4 CarrRte Phone
11509 Mounsey Bill	-8666 R067 823-9134
11527 Webster William	-8666 R067 823-7051
11537 Ratz Stephen	-8666 R067 826-9516
11569 Veneck Robert H Jr	-8666 R067 823-8356
11631 Foster Jeff	-8666 R067 826-0505
11740 Slezak Neil T	-8670 R067 823-1350
11747 Winegar C	-8671 R067 823-0206
11749 Marzullo Dennis	-8670 R067 826-0597

HOUSEHOLDS 8

ADMIRALS BAY DR (I) 46236

Address	Zip+4 CarrRte Phone
9625 Farber B	-9220 R038 823-9768
9635 Byers Phil Jr	-9220 R038 823-8850
9638 Sipek Steven J	-9217 R038 823-9520
9645 Davis Debbie	-9220 R038 823-2928
Davis John	-9220 R038 823-2928
9648 Norman Bryan	-9217 R038 823-7108
9724 Brown Leonard E	-9218 R038 826-1030
9733 Bobbitt Brian	-9221 R038 823-7469
Bobbitt Brian	-9221 R038 826-1701
9745 Gallo Mark	-9221 R038 826-1830
9755 Reiken C T	-9221 R038 823-3742
9815 Truitt Terry	-9293 R038 823-7673
9816 Masch Douglas	-9292 R038 826-4316
9825 Lecklider Michael R	-9293 R038 823-9703
9912 Schueth Betsy	-9294 R038 826-1259
Schueth Paul	-9294 R038 826-1259
9917 Morrison Philip A	-9295 R038 823-1303
9922 Chamberlain Dan	-8549 R039 823-2662
Chamberlain Daniel S	-8549 R039 823-2236
9927 McIntosh David P	-9295 R038 826-1774
9932 McCormick Jim	-8549 R039 826-9754
9937 Tutk Kevin L	-9295 R038 826-1690
9947 McWhorter Travis	-9295 R038 823-0416
9956 Spice Byron D	-8549 R038 826-9725
9011 Eisenhooth Stan	-9297 R038 823-8671
9021 Gupta Chakra D	-9297 R038 823-8721
9024 Pillow William F Jr	-9296 R038 823-2014
9031 Moe Carl R	-9297 R038 823-9579
9044 Quigley Daniel T	-9296 R038 823-2530
9051 Kleck Thomas L	-9297 R038 823-7837
9056 Kozey Stephen G	-9296 R038 823-2938
Leonard L	-9296 R038 823-2938
9057 Cook C L	-9297 R038 823-9707
9067 Williford M P	-9297 R038 823-2424
9129 Johnson J D	-9331 R038 823-2159
9141 Coble Thomas C	-9331 R038 823-1119
9165 Chase Roger D	-9331 R038 823-2300

HOUSEHOLDS 37

ADMIRALS LANDING BLVD (I) 46236

Address	Zip+4 CarrRte Phone
12112 Treesh Gary L	-9178 R060 826-1429
12121 Grant Bea	-9179 R060 823-6811
Grant M N	-9179 R060 823-6811
12122 Shake A P	-9178 R060 823-1574
12143 Schutz Jack	-9179 R060 823-6924
12154 King Stephen C	-9178 R060 823-2817
12215 Tranberg Rhon	-9179 R060 823-8075
12219 Johnson Cliff	-9178 R060 823-6808
Johnson Julie	-9178 R060 823-6808
12229 Brong Scott	-9178 R060 823-3847
12237 Beaulieu Thomas J	-9179 R060 823-0052
12244 Miller Curtis D	-9180 R060 823-9619
12259 Love Lawrence A	-9180 R060 826-0968
Love Lawrence A	-9180 R060 826-9792

HOUSEHOLDS 14

ADMIRALS LANDING PL (I) 46236

Address	Zip+4 CarrRte Phone
8215 Klutzke Larry	-9182 R060 823-2968
8220 Wiedeman Kurt	-9181 R060 823-6582
8225 Swenson C	-9182 R060 823-1963
8230 Jones Craig L	-9181 R060 823-9477
8240 Snyder K	-9181 R060 826-0227
Snyder Mark A	-9181 R060 826-0227
8306 Jacob Larry	-9181 R060 823-8782
8317 Shaffer George	-9183 R060 823-2164
8318 Hayes Matthew	-9181 R060 826-0102
8327 Millar Tim	-9183 R060 826-9030
8337 Hallslip Charles	-9183 R060 823-7152
8347 Booher Brent	-9183 R060 823-9216
8358 Sawyer C	-9181 R060 826-0909
Sawyer Craig A	-9181 R060 826-0900

HOUSEHOLDS 14

ADMIRALS LANDING WAY (I) 46236

Address	Zip+4 CarrRte Phone
8418 Kovacs Sam	-9174 R027 823-0931
8428 Campbell Ned J	-9174 R027 823-1363
8438 Mercho Hassan M	-9174 R027 823-2556
Mercho Hassan M	-9174 R027 823-8666
8447 Mills Mark W	-8300 R027 823-0446
8448 Hudson James	-9174 R027 823-6368
8457 Evans Louis H	-8300 R027 823-1070
8458 Clarke Bernie	-9174 R027 823-8637
8467 Nagy Steven E	-8300 R027 823-4821
Nagy Stephen E	-8300 R027 823-4821
8478 Boehmer Bruce C	-9174 R027 823-8783
8479 Risley Stephen A	-8300 R027 823-9298
Risley Stephen A	-8300 R027 823-9385
8486 Schmitt Steven L	-9174 R027 823-7898
8490 Stone Trent A	-9174 R027 823-2633
8491 Thompson Jim	-8300 R027 823-6722

HOUSEHOLDS 16

ADMIRALS POINTE CIR (I) 46236

Address	Zip+4 CarrRte Phone
12111 G DAVID COX	-8967 R038 823-1704
Cox G D	-8967 R038 823-1704
12121 Schild Robert A	-8967 R038 823-9171
12131 Binkley Beth	-8967 R038 823-1221
Binkley Dave	-8967 R038 826-0101
12141 James Paul A	-8967 R038 823-7875
12150 Freeland Lowell P Jr	-8966 R038 823-1268

ADMIRALS POINTE CIR *cont'd*

Address	Zip+4 CarrRte Phone
12151 Morical Donald D II	-8967 R038 826-0619
12160 Pfleger Richard J	-8966 R038 823-8899
12161 Short Steven E	-8967 R038 823-9145
12208 Macdonell Eldred	-8796 R038 826-9322
12209 Frost Victor L II	-8796 R038 823-0253
12218 Thompson David E	-8796 R038 823-8414

BUSINESSES 1 HOUSEHOLDS 12

ADMIRALS POINTE CT (I) 46236

Address	Zip+4 CarrRte Phone
9108 Ruckelshaus John C	-8968 R038 823-6532
9135 Kinsey Brian D	-8968 R038 823-7295
9136 Packer Arnold	-8968 R038 823-0578
Packer Arnold L	-8968 R038 823-9405
9149 Bristley Norm	-8968 R038 823-9122
9158 Mercho John P	-8968 R038 823-4127

HOUSEHOLDS 6

ADMIRALS POINTE DR (I) 46236

Address	Zip+4 CarrRte Phone
8822 Pomeroy Richard	-9176 R066 823-8578
8833 DEAVERS LAND DEVELOPMENT INC	-9176 R066 823-1843
8842 Branson Stephen G	-9176 R066 823-1261
8925 Gordon David F	-9200 R066 826-1706
8945 Flowers Jim	-8550 R066 823-8802
9025 Rhodes Richard H	-9050 R066 823-9034
9045 Enghauser Michael	-9050 R066 823-8872
9055 Lindsey Donald W Sr	-9050 R066 823-1314
9080 Picha C J	-9049 R066 823-7121
Picha Ervin J	-9049 R066 823-7115
9107 Stanley Glenn E	-9115 R066 823-6540
9117 McCarron Gail	-9115 R066 826-9596
McCarron Michael	-9115 R066 826-9510
9127 Schoenherr Leanne	-9115 R066 826-3973
Schoenherr Robert	-9115 R066 823-3973
12018 Demodananberg Jamie	-8800 R066 823-6016
12019 Bernauer Michael J	-8969 R066 823-7939
12039 Spurlock Ben L Jr	-8969 R066 823-1789

BUSINESSES 1 HOUSEHOLDS 17

ADMIRALS WOODS CIR (I) 46236

Address	Zip+4 CarrRte Phone
8731 Dutro Dave	-8295 R066 826-0573
8742 Scott Ralph W	-8295 R066 823-2071
Scott Ralph W	-8295 R066 823-2143

HOUSEHOLDS 3

ADMIRALS WOODS DR (I) 46236

Address	Zip+4 CarrRte Phone
8655 Frash Robert Jr	-8294 R066 826-1556
8665 Nickerson Lee A	-8294 R066 823-6130
8669 MARK A SIDEBOTTOM BUILDER INC	-8294 R066 823-4848
Sidebottom Mark A	-8294 R066 823-7055
8678 King Kevin	-8294 R066 823-3918
King Liz	-8294 R066 823-3918
8725 Villarreal Elcira	-8294 R066 826-9768
8750 Simpson Roy E	-8294 R066 823-1074
8751 Kaleta Albert F	-8294 R066 826-0069

BUSINESSES 1 HOUSEHOLDS 8

ADMIRALTY LN (I) 46240

Address	Zip+4 CarrRte Phone
3401 Curtis Richard V	-3566 C020 842-2383
3403 McConville Robert H	-3566 C020 849-2918
3405 Durham Samuel M	-3566 C020 842-4343
3412 Maxwell Richard A	-3566 C020 842-9084
3413 Morgan James W	-3566 C020 849-8893
3414 Belton Joseph F	-3566 C020 577-9634
3415 Laufner C P	-3566 C020 842-5589
3421 Winsmore G A	-3566 C020 842-7122
3422 Fross Leonard L	-3566 C020 849-3432
3423 Wuollet Gale A	-3566 C020 849-8449
3424 Klezmer Max	-3566 C020 842-1513
3426 Bruce Robert G	-3566 C020 849-4517
3429 Frelich P	-3566 C020 845-0129
3434 Karnatz Frank A	-3566 C020 842-7032
3436 McDermott Malcolm	-3566 C020 594-0296
3438 Weaver James	-3566 C020 845-1910
3440 Grahn Vernie E	-3566 C020 849-7574
3446 Lowrie F H	-3566 C020 842-3237
3448 Derra Mary	-3566 C020 841-0100
Kobe Rolf K	-3566 C020 841-0100
3450 Farkas Eugene	-3566 C020 849-2345
3501 Raber John M	-3568 C020 849-6434
3503 Schmoll William B	-3568 C020 577-0599
3511 Helm H D	-3568 C020 849-7838
3512 Macdonald D E	-3567 C020 849-5066
3513 Whale Arthur R	-3568 C020 842-5949
3514 Saint William K	-3567 C020 842-2677
3515 Rowland Donald M Jr	-3568 C020 577-9400
3517 Bash Linda G	-3568 C020 849-2259
Bash Linda G	-3568 C020 849-4216
3518 Ball Cecil C	-3567 C020 842-4100

HOUSEHOLDS 31

ADRIENNE DR (GR) 46142

Address	Zip+4 CarrRte Phone
210 Barrett William W	-9039 R002 865-7867
Wentworth Martha	-9039 R002 865-7867
Wentworth Martha B	-9039 R002 865-7867
215 Farah Charles A Sr	-9040 R002 881-8408
222 Mackay Kirk A	-9039 R002 882-5699
McConnaha Debra L	-9039 R002 882-5699
229 Hubert David R	-9040 R002 888-8268
Marksstrauss Thomas	-9040 R002 859-1213
234 Coy John W	-9038 R002 889-1850
241 Rightmyer Donald	-9040 R002 865-0315
255 Hendershot Denise	-9040 R002 887-0562
Hendershot Rick	-9040 R002 887-0562
263 Miller Paul J	-9040 R002 865-1994
266 Hagerman Donald W	-9039 R002 888-7016
274 Boyd Charles C	-9039 R002 888-1980
McKenzie Leon R	-9039 R002 865-7676
275 Laigle Dean	-9040 R002 889-0724
Laigle Dean W	-9040 R002 889-6361
282 Denton Donald E	-9039 R002 881-5916
290 Topolski Edward J	-9039 R002 889-5342

HOUSEHOLDS 20

AERIE LN (I) 46254

Address	Zip+4 CarrRte Phone
4635 Meredith James	-9509 R053 297-0174
4636 Donath Barbara	-9508 R053 291-5084
Weaver Mike	-9508 R053 290-1618
4639 Evrard D	-9509 R053 290-1493
4640 Robinson Jeff	-9508 R053 297-1958
4703 Hoagland Jerry	-9509 R053 329-0637
Hoagland Jerry L	-9509 R053 299-8074
4704 Waldman Brian	-9560 R053 293-5649
4707 Vemuri Gautam	-9509 R053 297-5048
Vemuri Pravee	-9509 R053 297-5048
4712 Boardman Diane K	-9560 R053 329-8515
Powell J	-9560 R053 329-9515
4715 Conrad William	-9509 R053 298-8272
4720 Baker Robert B	-9560 R053 298-3473
4721 Palmer M K	-9509 R053 290-8243
4724 McCoy Douglas W	-9560 R053 298-0808
4728 McCain S E	-9560 R053 297-8972
4732 Thompson Chuck	-9560 R053 328-1979

HOUSEHOLDS 18

AFTON CREST ST (I) 46220

Address	Zip+4 CarrRte Phone
6127 Snorden Indea	-5003 C018 257-5525
Snorden Michael L	-5003 C018 257-5625
6150 Wilhoit Gregory A	-5004 C018 253-5836
6164 Piper Francis R	-5004 C018 253-5866

HOUSEHOLDS 4

AGAWAM DR (I) 46226

Address	Zip+4 CarrRte Phone
5702 Wetnight Rebecca	-6701 C005 547-1713
5704 Kirsch E	-6701 C005 562-0842

AGAWAM DR *cont'd*

Address	Zip+4 CarrRte Phone
Lockard Ron	-6701 C005 549-2514
5706 Huskey Robert L	-6701 C005 549-2749
5708 Magner Anisa L	-6701 C005 591-1800
5710 Christ T B	-6701 C005 543-2316
5712 Fouts C	-6701 C005 547-4714
Garrison E	-6701 C005 542-9374
5714 Hoggard Ralph	-6701 C005 562-1774
5716 Fowler Teresa	-6701 C005 568-2827
5718 Labounty Martha	-6701 C005 546-7750
5720 Hayes Steven E	-6701 C005 545-7056
Roseman Jon	-6701 C005 541-0260
5740 Brisco Michael	-6726 C005 562-1066
Jarvis Alan	-6726 C005 541-9269
Julian Amy L	-6726 C005 541-8618
5748 Clalella Justin	-6727 C005 562-1002
Pate Robert Jr	-6727 C005 549-3144
Skeehan C E	-6727 C005 562-0621
Thomasderloo A	-6727 C005 543-8622
5754 Bergan Erin	-6728 C005 547-4799
Cook L	-6728 C005 543-1357
Ganoung David	-6728 C005 562-9253
Genders Cesar	-6728 C005 545-6736
Hensley B J	-6728 C005 547-4367
Miles Charles Jr	-6728 C005 545-5763
Smith L	-6728 C005 541-0166
5760 Bridgeman D	-6729 C005 547-5430
McGilinchey Richard H	-6729 C005 547-5690
Rauer Michael	-6729 C005 562-9633
Warren Darryl	-6729 C005 543-2951
Winston Regina	-6729 C005 568-1570
Zimmerman David B	-6729 C005 541-8693
5788 McDaniel Jacque	-6730 C005 568-0736
Montgomery S	-6730 C005 562-1486
5810 Brough Doug	-6731 C005 549-3717
Farakas Kent	-6731 C005 562-1970
Knight Allan	-6731 C005 541-1355
Sennicolas Yong	-6731 C005 549-1605
Shin Aunja	-6731 C005 568-1633
Wilson D	-6731 C005 549-2824
5816 Colon Pedro	-6732 C005 545-3254
Francisco Rebecca	-6732 C005 546-7609
Gold Daina	-6732 C005 547-8856
Hayes Lana	-6732 C005 541-1731
Heidelberg J	-6732 C005 541-9384
Heisloot Mark	-6732 C005 543-2968
Karkins M R	-6732 C005 543-9990
Nicklas Melissa	-6732 C005 546-7477
Zielinski Richard	-6732 C005 546-7327
5824 Bowen Sheree	-6733 C005 547-5699
Herd B	-6733 C005 546-8651
Hofferth C	-6733 C005 542-8278
Ouellette Patrick	-6733 C005 546-8651
Welling Glen	-6733 C005 541-8265
Welling Julie	-6733 C005 541-8265
White Daron	-6733 C005 546-3430
5830 Beasley Raymond	-6734 C005 545-3462
Butler Joseph	-6734 C005 547-2622
Fischer Sherrie	-6734 C005 547-9250
Fisher H	-6734 C005 549-3994
Fisher Tamicka	-6734 C005 549-3866
Joyce W E	-6734 C005 549-9707

HOUSEHOLDS 63

AGNES ST (I) 46202

Address	Zip+4 CarrRte Phone
970 Kos Joseph	-4917 C043 262-8190

HOUSEHOLDS 1

AHO DR (D) 46122

Address	Zip+4 CarrRte Phone
5810 Condon Clarence	-8072 R007 745-2905
5831 Jamison Denny	-8072 R007 745-0945
5850 Comer Mike	-8072 R007 745-0895
5890 Hall Daniel W	-8072 R007 745-6241

HOUSEHOLDS 4

AINSLEY CIR (I) 46256

Address	Zip+4 CarrRte Phone
8438 Boggs John M	-1559 C007 842-7191
8439 Donahue P J	-1559 C007 841-0978
8442 Mozzi Helen	-1559 C007 849-7250
Mozzi Len	-1559 C007 849-7250
Mozzi Len	-1559 C007 849-7827
8443 Morgan Earl S Sr	-1559 C007 577-4006
8449 Dubel Gaju L	-1559 C007 842-5199

HOUSEHOLDS 7

AINTREE CT (I) 46250

Address	Zip+4 CarrRte Phone
6655 Dages Greg	-4412 C024 595-9585
6658 Nelson Faye	-4411 C024 842-7732
6659 Snyder Mary R	-4412 C024 841-9042
6662 Naville Jason	-4411 C024 579-2374
Naville Jason	-4411 C024 849-6780
6669 Linehan Kenneth	-4412 C024 570-1289
6677 Keldenich Jack A	-4412 C024 594-0218
6705 Easton William H	-4413 C024 577-2331
6706 Schoof T	-4413 C024 577-3624
6709 Bolatka R M	-4413 C024 841-0409
6710 Kelsey Jeff	-4413 C024 577-9176
6715 Nixon Duane B	-4413 C024 841-6402
6718 Keith Leon A	-4413 C024 577-1521
Thomaskeith Priscilla	-4413 C024 577-1521

HOUSEHOLDS 14

AINTREE DR (I) 46250

Address	Zip+4 CarrRte Phone
9128 Sholty Fred	-4424 C024 576-9392
9132 Blake Michael B	-4424 C024 841-3272
9136 Bryant M E	-4424 C024 845-5497
9140 Musolino J M	-4424 C024 578-0109
9206 Swetnam E K	-4424 C024 845-0963
9210 Boyle James R	-4424 C024 849-0515
9218 Piltz Gail F	-4424 C024 577-8998
9225 Kunka Ted	-4426 C024 577-5699
9229 Stone S E	-4426 C024 849-8072
9230 Roseberry Phillip M	-4424 C024 849-2262
9233 Gary Jeffrey	-4426 C024 594-9122
9245 Ritz K	-4426 C024 845-5821
9249 Figg Lillian	-4426 C024 595-8995
9303 Levy Jack G Jr	-4426 C024 578-4617
9307 Kargle Beth	-4426 C024 594-0749
9311 Ralston Robert G	-4426 C024 849-9622

HOUSEHOLDS 16

AINTREE PL (I) 46250

Address	Zip+4 CarrRte Phone
6502 Sandlewick S J	-4422 C024 841-3929
6511 Shagren John J	-4423 C024 577-4586
6512 Brewer Frank E	-4422 C024 845-8890
6516 Gamale Mish	-4422 C024 568-9127
6517 Smith Anita	-4423 C024 845-8937
6525 Miller L E	-4423 C024 845-9787
6526 Bank Morris	-4422 C024 577-9064
6529 Rowley S E	-4423 C024 577-9521
6533 Chiles Henry J	-4423 C024 576-7628
6534 Sims S A	-4422 C024 845-7459
6537 Wolle Robert N	-4423 C024 578-9071
6538 Smith Zane B	-4422 C024 849-5878
6552 Simmons William O	-4422 C024 576-0523
6555 Carney I	-4423 C024 595-0572
6559 Daniel Alfred J	-4423 C024 841-3493
6567 Krant R J	-4423 C024 841-1444
6570 Hilleary J V	-4422 C024 578-3460
6578 Hull Holly S	-4422 C024 849-1946
Jackson M N	-4422 C024 849-1946
6586 Bachman Barbara	-4422 C024 578-3044
Bachman J B	-4422 C024 578-3044

HOUSEHOLDS 21

AINTREE TER (I) 46250

Address	Zip+4 CarrRte Phone
6503 Abrams Janet	-4421 C024 578-1840
6507 Hancock Mark G	-4421 C024 577-9746
6519 Reifel A E	-4421 C024 594-0607
6520 Kuneman Robert L	-4420 C024 842-0449
6523 Snapp N P	-4421 C024 577-0166
6527 Nichol Samuel	-4421 C024 841-8816

AINTREE TER *cont'd*

Address	Zip+4 CarrRte Phone
6528 Hancock J	-4420 C024 594-9765
6531 Oconnell K A	-4421 C024 578-9756
6536 Smith D	-4420 C024 578-4358
6539 Worrell Ted L	-4421 C024 576-0331
6544 McWilliams H C	-4420 C024 577-3241
6549 LUPKE & ASSOC	-4421 C024 578-8210
6553 Schwind D C	-4421 C024 577-3615
6560 Landers Brent M	-4420 C024 842-8292
6561 Hansen Paul	-4421 C024 594-9573
6564 Grant J L	-4420 C024 845-9027
6565 Wiechman W P	-4421 C024 585-9230
6568 Massey Paul	-4420 C024 842-6706
6573 Bush L	-4421 C024 578-3157
Hendrickson Sharon	-4421 C024 578-3157
6577 Moroney M J	-4421 C024 845-8182
6581 Lear A	-4421 C024 849-7940
6585 Rourke A E	-4421 C024 577-4054

BUSINESSES 1 HOUSEHOLDS 22

AIRA DR (I) 46234

Address	Zip+4 CarrRte Phone
405 Arthur Thomas	-2402 C034 271-8852
407 Ali M	-2402 C034 273-8677
414 Iqbal D	-2401 C034 273-0334
508 Underwood Bryan	-2403 C034 271-6437
513 Wood Fred	-2404 C034 271-1629
515 Norris T	-2404 C034 271-2086
517 Turnbull Andrea E	-2404 C034 271-0696
519 Lyons M J	-2404 C034 271-3977
604 Roberts A	-2405 C034 273-0254
605 Hash Stephen E	-2406 C034 271-5257
606 Jordan T R	-2405 C034 271-6919
607 Hufler Keith E	-2406 C034 271-9004
609 Bair E	-2406 C034 271-7046
Case Jeffrey T	-2406 C034 271-7046

HOUSEHOLDS 14

AIRPORT EXPY (I) 46241

Address	Zip+4 CarrRte Phone
4410 MOTION INDUSTRIES INC	-5244 C021 243-2100
4420 ALLIED EQUIPMENT	-5244 C021 487-1400
4434 ROLLINS DEDICATED CARRIAGE SVC	-5244 C021 241-2427
TRACTOR SUPPLY CO	-5244 C021 243-3944

BUSINESSES 4

AIRPORT PKWY (GR) 46143

Address	Zip+4 CarrRte Phone
50 GORDON GOSS FLOWERS UNLTD	-1438 C010 882-8611
OAKEN BARREL BREWING CO	-1438 C010 887-2287
ONE-LINERS COMEDY & MUSIC HALL	-1438 C010 889-5233
PERSONAL FINANCE CO	-1438 C010 887-9973
SHANNON WHOLESALE	-1438 C010 885-1828
65 ACCORDING OF CENTRAL INDIANA	-1439 C010 253-1402
ACCORDIA INC	-1439 C010 889-2700
AMERICAN STRESS & FAMILY CTR	-1439 C010 887-6817
AMERICAN STRESS CTR	-1439 C010 882-0743
GREENWOOD COMMERCE CTR	-1439 C010 881-2300
PRECEDENT FINANCIAL CORP	-1439 C010 889-3030
VALLE VISTA GUIDANCE CTR	-1439 C010 887-2121
Bose Sajal K	-1439 C010 887-2121
Kellams Connie L	-1439 C010 882-0743
Kellams Jeffrey J	-1439 C010 882-0743
Patel Vikram	-1439 C010 887-2121
125 ACORDIA INC	-1435 C010 885-2022
ISI TELEMARKETING	-1435 C010 887-6020
MERCURY CENTER INC	-1435 C010 881-5050
SNELLING PERSONNEL SVC	-1435 C010 882-4243
TOBACCO INSTITUTE	-1435 C010 887-6867
Tralcoff Ellen B	-1435 C010 881-5050

BUSINESSES 17 HOUSEHOLDS 5

AIRPORT RD (BR) 46112

Address	Zip+4 CarrRte Phone
20 BENCHMARK CONSULTING INC	-2045 C006 852-5695
BENCHMARK SURVEYING INC	-2045 C006 858-1506
BROWNSBURG DENTAL GROUP	-2045 C006 852-1446
LEE'S CLEANERS	-2045 C006 852-9425
QUAYLYNN HOMES INC	-2045 C006 852-9671
ROBIN'S PLACE	-2045 C006 852-7100
Hiskes Mark	-2045 C006 852-7511
Naville Gerald R	-1844 C083 767-9658
Sims Kerry L	-1844 C083 632-4947
Turk Larry	-1844 C083 231-2950
White Mark	-1844 C083 226-9536
430 FRIENDLY FOODS	-1610 C083 637-0307
540 SALVATION ARMY	-1536 C083 637-5551
Anderson M K	-1536 C083 236-8169
600 TEMPFORCE	488-8367
Ankenman C	635-1917
Auer M P	231-9760
Baker Charlie	685-9805
Banning Donald	231-1326
Bardach Charles F	636-1509
Benson S R	237-9798
Black Brett	263-0816
Bradburn S G	681-8823
Brooks William A	756-9830
Buck Donald R	237-4449
Byrn M L	631-8439
Candler Murat	630-5023
Cavanaugh Robert	636-6625
Churchward D A	635-6327
Coduto Jon	269-8929
Corns Robert	636-6625
Cowan A C	632-3416
Danesh Parrish	634-7940
Deyesso J	974-0311
Dibella Brenda	269-0250
Dixon William	237-4183
Eckert M E	631-8968
Elzie G	635-6337
Ewing Robert	638-9625
Feeser Melanie	266-9309
Fertig C B	637-3408
Furlin Joe	636-6625
Garrett William	634-7940
George L	972-8444
Gideon Michael	238-9256
Goodhouse K	974-1386
Grady D	236-7122
Graham M P	264-8463
Groves Richard	684-0223
Groves Richard	684-0329
Groves Richard	684-0337
Hampshire Steven R	638-0099
Hollinden G E	974-0130
Huelskamp Gary	974-0948
Hunter Nelson G	637-9670
Jamison Jerry D	238-0282
Jensen Chris	635-5303
Jewell C	261-0745
Johnson Ed	269-0069
Jordan R F	635-6897
Kleinert Eric	266-9309
Knox David B	974-0998
Koch Calvin	756-8336
Lane Andrew	972-1341
Lawrence Margaret	231-1326
Lee M	363-0916
Loghmani Farzad	261-1810
Long John P	624-9637
Loser Jack L	632-5175
Loser M M	632-5175
Lynch Gary	238-0152
Ma Xuan	262-8432
Magill David D	687-1169
Macy R J	686-0289
Martin Jack	684-1753

AL MAR DR *cont'd*

Address	Zip+4 CarrRte Phone
23 Jordan Nancy	-9702 R002 422-9623
26 Waltz Brian	-9701 R002 422-8405
27 Brown Randol G	-9702 R002 422-5040
30 Vaughn Robert L	-9701 R002 422-9408
31 Hobson Earl	-9702 R002 422-1014
33 Travis Jerry	-9702 R002 422-1538
35 White James A	-9702 R002 422-9086
36 Heinz Beverly	-9701 R002 422-9678
Heinz Michael	-9701 R002 422-9678
38 McKnight Marilyn	-9701 R002 422-9696

HOUSEHOLDS 31

N ALABAMA ST (I) 46204

Address	Zip+4 CarrRte Phone
50 CRIME STOPPERS	-5308 C008 262-8477
INDIANAPOLIS POLICE DEPT	-5308 C008 327-3811
MARION PUBLIC SAFETY DEPT	-5308 C008 327-5090
155 AAA BAIL BONDS INC	-2622 C008 634-3127
Sebring Les	-2622 C008 634-3127
Widgery Tony	-2622 C008 634-3127
202 INDIANA STATE MUSEUM GIFT SHOP	-2101 C035 632-5007
302 BUCK BERRY LANDAU & BREUNIG	-2103 C083 638-3333
Bays Donna J	-2103 C083 638-3333
Bennett Maxine T	-2103 C083 638-3333
Berry Gil I Jr	-2103 C083 638-3333
Buck James A	-2103 C083 638-3333
Duchon Darryn L	-2103 C083 638-3333
Gilchrist Scott D	-2103 C083 638-3333
Knapp Dean L	-2103 C083 638-3333
Westbrook Martha L	-2103 C083 638-3333
303 HEALTH DIRECTIONS INC	-2152 C083 684-7100
KIMBERLY QUALITY CARE INC	-2152 C083 269-2669
MITCHELL APPRAISALS INC	-2152 C083 262-4655
OLSTEN KIMBERLY QUALITY CARE	-2152 C083 269-2660
PESTO	-2152 C083 269-0715
SHARON M HALEY DDS	-2152 C083 637-4636
STAR TRAVEL SVC	-2152 C083 269-8157
TUCHMAN CLEANERS	-2152 C083 635-5810
WHITE RIVER PSYCHOLOGY	-2152 C083 694-7171
WILLIAMS APPRAISALS CO	-2152 C083 262-4545
Mitchell Bonnie M	-2152 C083 262-4655
310 BARKER & ASSOC	-2154 C083 263-5459
CAMERA READY COPY INC	-2154 C083 634-8400
DESIGNS VALUE-PLUS	-2154 C083 263-5460
FACTORY DIRECT FURNITURE	-2154 C083 263-3160
KRON & ASSOC	-2154 C083 631-9050
LEVOLOR CORP	-2154

SHIRLEY BROTHERS
FUNERAL DIRECTORS
• Family owned and operated
• Pre-Need Counseling, Funeral Trusts & Guardian Plan
SINCE 1898
Drexel Chapel, 4565 E. 10th St.
Washington Memorial, 9606 E. Washington St.
Irving Hill Chapel, 5377 E. Washington St.
Castleton Chapel, 9900 Allisonville Rd.
897-9606

450

ADDISON ST N –FROM 2600 W WASHINGTON NORTH TO VERMONT

ZIP CODE 46222
12 No Return
16 Tolliver Mark K ◎ 266-8812
17 Handlon Marjory J Mrs ◎ 638-9982
17½ Smotherman Mary H Mrs
23 Hanrahan John M 638-0195
24 West Park Christian Church 266-8599
25 Spangler Norman ◎
25½ Spangler Mark A
28 Neece John C Rev 632-2617
30★Cash Jeff W
30½★Cash Dino
31 No Return
34 Tucher Shirley A ◎ 637-4453
35 Cash Donald R
38 Gehlhausen Walter G 634-8098
39 Hooten C 637-9119
41 No Return
43★Farmer Doris F
44 Ade Susan H
45 No Return
47 Lambert John W III ◎ 635-1531
48 Stevens Homer L ◎ 638-2539
48½ Kuykendall Richd
50 Vacant
51 Vaughn James E ◎ 637-9387
54 West Jim R
55 Ly Veary ◎ 635-5799
55½★Tol Sophak
58a★Giross Bernda S
58b Porter Lori 634-7837
58c No Return
59★Myers Michl 635-4301
59½ No Return
62★Cabtree Linda
63 Kikendall Michl A 631-7258
65★Partlow Harold E
66 Carr Bruce L ◎ 637-6807
67★Crabtree Ronald
70 Gaskins Alec I
71 Lee Faye Mrs ◎ 634-5176
74 No Return
74½ Vacant
75 Porter Randy G
76 Vacant
79 Culmann Carl E ◎ 637-2668
81 Charlie's Lock & Key Service 637-7636
82 Monroe Hildred J Mrs ◎ 636-8840
82½ Bruce Victor M 636-0320
83 Hohlweg Chas L ◎ 637-7636
85 Vacant
86 No Return
87 Gerholdt Billy L
W OHIO ST INTERSECTS
201 Black Chas W 236-8218
202 Vacant
204 Baar Wm C ◎ 638-1206
205 Vacant
205½ Dixon Robin E
209 Roberts John W ◎ 635-8220
210 Perdue Iva E Mrs ◎
211 Ramsey Richd A 637-1271
212 Ortel Mark A
213★Schaffer Mary E 631-1732
214 Vacant
217 Curry Michl A ◎ 631-0142
218a No Return
218b Vacant
221 Cubel Danl W ◎ 638-0258
222★King Rosalie A Mrs
225 Taylor Peggy ◎
226 Smith Walter W ◎ 639-9431
229 No Return
229½★Lynch Bonnie A 631-5543
230★Cundiff David R 636-7951
232 No Return
235 Winn Michl W ◎ 637-3821
237 Vacant
238 Perdue Linda R Mrs ◎ 635-5345
241 Decker Paul M ◎
242 Vacant
245 Highfill Roy E ◎ 632-6858
246 Harper Elliot J ◎ 638-9514
246½ Vacant
249 Reid James L ◎ 636-8695
249½ Vacant
250 Reid Keith 635-8706
252★Waller Larry
252½ No Return
253 No Return
254 Ruby Sylvia E Mrs ◎ 636-7945
256 No Return
257 Wadell Alice F 638-4634
258★Lewis Loria K
260 Foster Ralph R 636-8505
261 Gregory Helen L 637-4264
262 No Return
265 Goodman Diane ◎ 637-9241
266 Hinshaw Harold W ◎ 635-6193
269★Boswell Robt M
269½★Rierdon Tandy L 631-0830
270 Wilham Calvin C Jr
★Ames Barbara
★Swaller Dan
274 Miller Raymond R ◎ 637-7181
278 No Return
279 No Return
281 No Return
281½ Orender Jimmy D
282 No Return
W NEW YORK ST INTERSECTS
301 B & E Market gro 638-6274
★Dunn Mary R
302 Walters Rita Y Mrs ◎ 634-5639
303½★Johnson Madonna
305 Vacant
306 No Return
309 Pennington David A ◎ 639-1958
310★Graves Bobby L
310½ No Return
313 Vacant
314 Craft Billy R ◎ 638-8777
317 Craft Judith A Mrs ◎ 632-8127
318 Hire Donna J 637-6919
321★Jenkins Travis S
321½ Fossel Ronald
324 Williams John R ◎ 638-7648
325 Whitsett Mildred E Mrs ◎ 637-8902
326 Crawford Brent A 635-1943
329 Lee Allan H ◎ 637-7583
330 Lacefield Zane P ◎ 636-4948
333 Stead Roy J ◎
334 Brattain Connie S
★Goodman James T constn wkr
335★Smith Juanita
337 Woodcock Danny L ◎ 636-4172
340 White Wilbert Jr ◎ 638-0652
341 Hurley John S ◎
344 No Return
345 Lents Anthony M ◎ 638-4832
348★Redmond Tonia
348½ Vacant
349 Bechtold Wayne E 266-8982
350★Hatton Carla ◎ 638-0528
351 Embry Erdest R ◎ 636-1922
352 Russell Olivia Mrs 631-7280
354 Vacant
356 No Return
357 Thornton Lloyd E ◎
358 Montgomery Kimberly G 634-5078
362 Montgomery Emmett ◎ 638-0328
366 No Return
TURNER AV INTERSECTS
W VERMONT ST INTERSECTS

532

ADDISON ST S –FROM 2600 W WASHINGTON SOUTH

ZIP CODE 46222
5 Odd Fellows Independent Order Of harris lodge no 644
Myrtle Rebekah No 326
21 Arterburn Randall ◎ 631-5245
22 Vacant
24 Rizzo Peter J ◎ 632-7014
25 Sullivan Virgil E ◎ 631-0259
26 Singleton Mark L ◎ 634-6680
28 Vacant
29 Cook Harlan B ◎ 634-8076
30 Heath Evelyn Mrs ◎ 637-8715
33 Roll Tom W ◎ 635-7019
34 Dillehay Eva M Mrs
34½★Bischoff Mark 631-5324
37 Mayhew Dennis L ◎ 636-8102
38 Wells Kent E ◎ 638-4732
38½★Dewlen Thos E 637-9357
41 Smith Wm L ◎
42 Potter Linwood G 636-2028
45 No Return
46 Loy Michl ◎ 634-3147
46½ Vacant
47★Wardlow Leonard
49 Black Iona J ◎ 266-0542
50 Stewart Elmer E ◎ 635-2534
58 Vacant
59 Neal Joseph V ◎
W JACKSON ST INTERSECTS
(NOT OPEN FROM ½ BLOCK SOUTH
OF JACKSON ST TO 202)
CHESSIE SYS CROSSES
218 United Steelworkers Of America Local 1150 (annex) 639-1479
United Steelworkers Of America Local 6581 (meeting pl)
United Steelworkers Of America Local 1150 639-1479
United Steelworkers Of America Local 1697 meeting pl
United Steelworkers Of America Local 2937 meeting pl
United Steelworkers Of Am Local 5544 meeting pl
United Steelworkers Of America Local 8768 meeting pl
United Steelwkrs Of Am Local 4266 meeting pl
226 Weddle Jerry W ◎ 631-0385
230 Milbrath Jack R 636-5668
232 No Return
234 Vacant
236 Vacant
BERTHA ST BEGINS
302 No Return
302½★Walker Rollin N
310 Northern Roy F
314 Harper Robt L ◎ 631-1069
318★Sullivan Michl ◎
322 Collins Herbert D ◎ 637-7736
328 Harper Mary E Mrs ◎ 632-2629
330 No Return
332 Vacant
334 Vacant
336 Vacant
W IDA ST BEGINS
402 Jordan James M ◎
406 Kindley Walter
410 Vacant
418 Stewart Anna M Mrs ◎ 632-5637
422★Walker Luther R
426 Cortez Herminio ◎
430 Gibbons Peter P ◎ 634-0700
434 Mc Coy Lu Eva Mrs ◎ 631-3714
W VICTORIA ST BEGINS
502 Smith Dorothy L Mrs ◎ 631-4445
506 Johnson Frank W ◎ 638-2297
510 No Return
522 Cox Jas D ◎
526 Hawkins Mike L 634-5274
530 Hawkins Doyle W ◎ 638-2175
Hawkins Sherry G babysitter

477

ZIP CODE 46221
OLIVER AV INTERSECTS
702★Glover Tim
705 Roach Donald C ◎ 631-6149
706 Johnson Veachel N ◎ 638-2814
714 Jennison Shirley A Mrs ◎ 632-5806
715 Lunn Robt W 638-2419
718 Nichols Geo A
721 Lamon Wendy S
722 Nichols Geo W ◎ 631-1874
726 Rogers Beatrice V Mrs ◎ 637-7074
727 Johnson Timothy
729 Staley Melvin B ◎ 637-7060
737 Hull Chas T ◎ 368-5558
742 Russell Victor L ◎ 634-8993
744 Miller Max
746 Whittaker Loraine Mrs 632-4166
747 Burge Kenneth R ◎ 636-6526
748 Phillips Paul M ◎ 632-4902
MC CARTY INTERSECTS
821 Anderson Henry L ◎ 636-7115
824★Mays Jeffery ◎
825 Clay Hazel L Mrs ◎ 636-1728
833 Martin Kenneth L ◎ 636-0487
834 Peters Judy L Mrs
836 Griffith Chas L ◎ 634-7593
841 Sylvester Rick L ◎ 638-7175
845 Ooten Ronald L ◎
848 Mc Combs Harry L
852 Branham Clyde C ◎ 631-7767
853 No Return
858 Chenoweth Marcella H Mrs ◎ 638-7337
865 No Return
RAY INTERSECTS
1001★Mc Coy Donald G ◎ 636-1699
1002 Vacant
1006★Collester C
1009 Cummings Harold K ◎ 634-8009
1010 Bivens Tracy S
1012 Spencer Damon ◎ 635-8101
1015 Le Mond Marilyn J Mrs ◎ 632-1740
1019 No Return
1024 Nichols Mary A Mrs ◎ 638-9864
1037 Pruitt Michl D ◎ 638-7700
1044 Forthoffer Danl M ◎ 634-9895
1047 May Clark D ◎ 636-3256

503

ADLER ST E –FROM 1830 S MERIDIAN EAST

ZIP CODE 46225
18 Vacant
20★Gunner Harold C ◎ 685-8343
22 No Return
24★Mc Allister Lisa
26 Loschky Craig E ◎ 632-3583
30 No Return
ST CHARLES ST INTERSECTS
32 No Return
34 Gulley Jas B 638-5833
36 Pitts John W A
39 Alexander Bobbie L ◎
S UNION ST INTERSECTS
112★Butler Ruth 637-1097
114★Miller Deborah
116★Thorman Patricia A
118 No Return
S TALBOTT AV INTERSECTS
124 Robertson Joe T ◎ 631-6793
S DELAWARE ST INTERSECTS
CON RAIL CROSSES

462

ADLER ST W –FROM 1826 S MERIDIAN WEST TO SENATE AV

ZIP CODE 46225

490

ADMIRAL DR –FROM 6140 E 21ST NORTH AND EAST TO N KITLEY

ZIP CODE 46219
2113 Vacant
2114 Vacant
2115 Vacant
2116 Vacant
2118 No Return
2120 Baker Willie
2130 No Return
2134★Moore Charles
2136★Edmond Thos
2137 No Return
2138 Bankhead Martha J 356-6806
2139 No Return
2140 Vacant
2143★Robinson Ruby
2144 No Return
2145★Hill Milton
2146★Williams Eliz
2149 Vacant
2150 Halliberton James T
2151★Eckerson James
2152★Peterson Barbara
2155 No Return
2158 Vacant
2201★Townsend Gregory ◎
2202 No Return
2204 Goodman Ruby L Mrs
2207★Eversole Jay B
2208 No Return
2209 Vacant
2214 No Return
2216 No Return
2219 No Return
2220 Burton Florence Mrs ◎
2221★Chisolm Bonnie
2222 Johnson Bobby L 357-8308
2225★Brown Carey
2226 Vacant
2227★Robinson Mary
2228 Lofton Tommy G
2231 Whitfield Norman L 353-6782
2232 Vacant
2233 Moore Joyce S
2234 No Return
2237 No Return
2238 Hurry
2239 Smith Charles D ◎ 356-5175
2240★Shanklin Corine
2243 Turner Patricia D 352-9708
2244★Matlock Theresa
2245 Vacant
2246★Tunstiln Brenda 547-1042
2249 Fulkner Dorothy
2250★Mann Regina J
2252 Vacant
2256 No Return
KENYON ST INTERSECTS

424

AGNES ST –FROM 940 W NEW YORK NORTH

ZIP CODE 46202
W NEW YORK ST INTERSECTS
325 Indiana Univ-Purdue Univ (Lecture Hall) 274-7664
W VERMONT ST INTERSECTS
425 Indiana Univ-Purdue Univ (Admissions) 274-4591
430 Indiana Univ-Purdue Univ (Police Dept) 274-7971

426

MICHIGAN INTERSECTS
NORTH INTERSECTS
940 Apartments
A No Return (Apt A-B)
C★James
D★Cook
E★Sorrells Scott T 636-9737
F★Mod
G No Return (Apt G-H)
950 Apartments
A No Return
B★Satterfield
C★Fadell
D★Ullrich
960 Apartments
A★Recinto
B★Parker Julianne 638-0090
C★Kruer Jas A Jr 638-7189
D★Brooks
E No Return (Apt E-H)
I★Hassell
J★Beaven
K No Return
970 Apartments
A★Ehinger Clifton C 639-5368
B★Mazurek Michl 637-0887
C★Dyer
D★Vonover
E No Return (Apt E-K)
L★Banks
M★Kropp Paul E 637-6207
M Kropp Rearick & Assocs property tax consultant 637-6207
N★Talbott Barbara A 634-1788

907

ALABAMA ST N –FROM 300 E WASHINGTON NORTH

ZIP CODE 46204
COURT INTERSECTS
15 No Return
E MARKET INTERSECTS
50 City County Bldg (Side Ent)
131 Allright Parking
WABASH INTERSECTS
155 A A A Bail Bonds 634-3127
Agency One Inc bail bond investigations 634-3127
E OHIO ST INTERSECTS
202 Indiana State Museum 232-1637
MIAMI INTERSECTS
230 Indiana State Museum Parking Lot
235 Municipal Garage (Side Ent)

HARRY H. VERKLER, CONTRACTOR, INC.
GENERAL BUILDING CONTRACTORS
Phone 1-(317) 872-3609
8790 PURDUE ROAD, P.O. BOX 68377, INDIANAPOLIS, INDIANA 46268
645 NORTH WILBER STREET, SOUTH BEND, INDIANA 46619-0608 PHONE (219) 232-5801

N ALABAMA ST–Contd
E NEW YORK ST INTERSECTS
910
302 Buck Berry Landau & Breunig lwyrs 638-3333
Orr Richd M lwyr 638-3333
Bennett Maxine lwyr 638-3333
Pennamped Bruce M lwyr 638-3333
Westbrook Martha L lwyr 638-3333
Stein Sidney lwyr 638-3333
Stimson Judith N lwyr 638-3333
303 Office Building
Suites
210 Strategic Marketing Research Inc 262-4680
230 No Return
270 Haley Sharon M dentist 637-4636
270 Nesler Don C periodontist
330 Metro Parking Inc automobile parking lot 262-4600
340 Stewart Stephen T psychologist 262-4670
340 Daugherty Douglas A phys 929-0315
310 Haynes & Pittenger Direct Inc adv agcy 262-4800
370 Kenra mktg co 262-4652
390 Mitchell Appraisals Inc 262-4655
310 Massala Building ofcs
Suites
A100 Burnison Martello And Assocs lwyrs 636-6059
A100 Schutt Donald A Rev counselor 926-2740
B110 Ridge Engineering Inc 631-2301
210 Future Set Inc electronic desktop pub co
220 Able-Ringham archts 632-2604
240 Smith And Schaefer Inc (Br) hlth care equip
250 American Marketmetrics mkt rsrch
320 Revitalizing Human Potental Inc emps assistance-cnslg serv 639-4608
325 Camera Ready Copy Inc typesetting 634-8400
330 Prevention Of Child Abuse 634-9282
340 Zurface Swan & Rasor cpa's 631-6761
350 Raymond Jack Co Inc pub rels 635-2770
311 O'Malia Joe Food Mkt (Side Ent)
333 Office Building
Suites
240 X I L A Communications tel equip 262-4818
240 Compucom Communication tel equip 262-4666
300 Key Health Plan 262-4557
300 Health Maintenance Of Indiana ins 262-4557
300 Dentacare health mtce ins 262-4427
ALABAMA INTERSECTS
E VERMONT INTERSECTS
MASSACHUSETTS AV INTERSECTS
402 Roberts Park Methodist Church (Addl Sp)
412 Devonshire The apts
B1★Hickman Wm F
101 Hollander Goldie G Mrs 636-7666
102 Shackel Gladys R 634-4239
103 Craig Georgia R Mrs 638-7745
104 Herrick Jeanne F H 636-6857
105 Weaver Gladys B Mrs 637-6900
106 Schuller Frank
107★Newlin Pearl
108 Poteet Winona L Mrs
109★Gayton Reginald
110 Walker David W
111 Reynolds Lora 637-3081
112 Phillips D K 632-5353
201 Vacant
202 Zalak Helen
203 Vacant
204 Ritter John
205 Vacant
206 Rife Thos T 636-9705
207★Duzan Linda
208 Vacant
209 Brown Edith M Mrs 637-7664
210 Petty R D 635-7767
211 Bennett Zinea Mrs 634-2961
212 Richardson Norma
301 Dewitt Pete 639-3584
302★Buchanan Thos W
303 Riddle Treva B 635-7252
304 Nagal Rodney 634-9846
305 Rogers Danita 639-1209
306 Vacant
307★Winkler Margt
308★Miller Chas H 634-8455
309★Hart Paulette
310★Johnson Tonya
311★Smith Scott
312★Walcott John
416 Devonshire The (Parking Lot)
EDEN PL INTERSECTS
418 Devonshire The (Parking Lot)
426 Vacant
430 Friendly Foods 637-0307
E MICHIGAN INTERSECTS
521 Murat Temple (Parking Lot)
640 Salvation Army Family Service Center 637-5551
E NORTH ST INTERSECTS
433
ZIP CODE 46202
600 Tower At Riley Center 635-3300
Fountain Terrace Apartments Tower Two (Riley Cntr) 635-3300
500 Vacant
502 Payne R E 636-2346
503 Berry E Edw M Jr 635-6407
504 Vacant
505 Jones D
506 Anderson M V 636-5658
600 Quam K
602 Vacant
603★Beard N
604★Green E
605★Browkaw David F 632-9322
606 Homburg Leonard 635-1055
700 Rankin Lenyer N 636-6001
702 Vacant
703 Craig Pauline P Mrs 636-0379
704 Wickett L 632-1299
705 Marchino C T
706 Wenz Cecilia S Mrs 638-6774
800 Quinn Mary J 638-2844
802 Retseck J D 631-8283
803 Miller R 636-2088
804 Jones N L
805 Vacant
806 Hossman Greg D 637-7315
900 Waltz Margt 631-1494
902 Thompson C
903 Pope Lillian R 635-8103
904 Free Edwin W III 638-6510
905 Dulin D M 635-6897
906 Scanlon John 631-3738
1000 Schroeder Sophie W 635-4737
1002 Vacant
1003 Brokhage Joseph D Rev 635-6953
1004 Newlon Chris M 637-1365
1005 Davey O M 632-8873
1006 Vance Vonda A 634-5222
1100 Miller J R
1102 Vacant
1103 Reed Jane L 636-4620
1104 Mc Cormack W Ray 639-5180
1105★Cummins A M
1106 Lawler Edmund D 639-4182
1200 Gilmore B
1202 Powell Cath L 631-6455
1203 Munden D J 632-5653
1204 Stewart N M 634-3593
1205 Ringer Willard A 635-7257
1206 Hoggatt Dale
1300 Brownlee L Margt 638-0582
1302 Vacant
1303 Hunter Nelson G 637-8670
1304★Maresca E
1305 Vacant
1306 Barker H G
1400 Switzenberg T M
1402 Stahley Clara E 635-1278
1404 Stanley Stacey C 632-1294
1405 Hopking
1406 Fedde Ruth 637-5925
1500 Vacant
1502 Miles Gregory F 638-4209
1503 Stamm Griffin T 637-3904
1504 Boberschmidt D R
1505 Canellis Penny 631-6124
1506 Vacant
1600 Vacant
1602★Key K
1603 No Return
1604 Conley Thos D 638-7517
1605 Sachs Robt L II 631-3910
1606 Salb Richd M 639-9719
1700 Bennett Forest L 637-2132
1702★Jefferson Sylvine 637-7047
1703★Bons C
1704 Leffert Chris J
1705★Doolen R M
1800★Renfro R
1802 Maxwell M P
1803 Vacant
1804 Eckert M A 631-8968
1805 Murphy E P
1900★Coonce C D
1902 Johnson Jay E 632-4862
1903 Lindner J C 639-4250
1904 Vacant
1905 Dickerson Philandria P 636-0851
2000 Bradley D
2002★Bennett D 635-4419
2004 Hall M
2100★Lawbury John
2102 Price Marvin E 635-4419
2103 Wilson Michl A 637-4441
2104 Flynn J
2105★Cordell S
2200 Jones Willis 631-5457
2202 Moller D R
2203★Hess M
2204 Smock Patk J II 634-8701
2205 Vacant
2208 Vacant
2300★Cox Pauline 638-8006
2302 Wilson Wm E 634-1190
2303★Rennard D
2304 Riley C J 638-7717
2305 Miles Harold W 634-6777
2400★Gardner R
2402 Fertig C B 637-3408
2403 Grant E W
2404 Espick Frank D 266-8427
2405 Sparling Virginia V 632-7067
2500 Jones
2502 Heidenreich S
2503 Rowe Maxine 634-8195
2504 Oldham C
2505 Kirkpatrick Vivian 631-3841
2600 Vacant
2602 Paine John L 638-7128
2603 Nelson Michl R 638-3362
2604★Crim M
2700★Price M L
2702 Melle Ruby M Mrs 634-3626
2703★Mc Cormack K S
2800 Loser M M 632-5175
2802 Mc Carty Rod L 636-5434
2803 Vacant
2804★Miller Scott A 631-3900
2900 Bardach Chas F 636-1509
2902 Cosner R O
2903 Boie R C
2904 Engle Martha L 636-4310
3002 Kightlinger Erle A 632-1221
STREET CONTINUED
615 English Foundation Building 634-7497
Bsmt English Foundation Building (Conference Rooms)
Rooms
104 Day Nursery Assn 631-4643
105 Rehabilitation Facilities Indiana Assn non profit org 634-4957
108 American Heart Association Marion County Chapter 635-2104
119 English Wm E Foundation 634-7497
119 Indianapolis Foundation The 634-7497
122 Indianapolis Legal Aid Society Inc 635-9538
134 Boy Scouts Of America Inc Crossroads Of Am Council 634-7391
210 Family Service Association Of Indianapolis 634-6341
214 Vacant
216 Vacant
219 Consumer Credit Counseling Service Of Central In budget serv 632-4501
222 Central Indiana Council Inc 634-3351
228 Multiple Sclerosis Society 634-8796
228 Muscular Dystrophy Foundation Indiana
235 Hoosier Capital Girl Scout Council Inc 634-8393
308 Vacant
312 Community Center Of Indianapolis 638-3360
314 Big Sisters Of Greater Indianapolis Area non profit org 634-6102
318 Vacant
322 United Cerebral Palsy Of Central Indiana 632-3561
325 Vacant
328 Social Health Assn Of Central Ind Inc 638-3628
330 Life Choice Program volunteers for youth
331 Vacant
335 American Lung Association Of Central Indiana 634-5864
336 Central Indiana Council On Aging 633-6191
406 Vacant
408 Y M C A Of Greater Indianapolis 266-9622
410 Vacant
412 Jewish Federation Of Greater Indianapolis Inc 637-2473
419 Coleman Adoption Serv Inc 638-0965
421 Community Centers addl rm
422 Happy Hollow Children's Camp Inc 638-3849
426 Children's Bureau Of Indianapolis Inc 634-6481
650 Vacant
C Vacant
700 Apartments
G100 Fleck John C 636-0212
G102★Weavins D
G103 Vacant
G104★Och J
G105 Vacant
G106 Bindley D
G107 Raikos K
G108★Murphy Patk 636-8169
200 Swenson Jerry 631-4841
202★Kelley C
203 Coleman J L
204 Vacant
205 Vacant
206 Vacant
207 Huddleston D B
208 Contreras W
209★Good B
210 Hehner N
211★Birsel M E
212 Foster S
273 Vacant
400★Zackery S 638-6939
402★Lutgring D
403 Koesters Emma C Mrs 636-6030
404★Elliott V L
405 Moore Mark V
406 Giles Duncan
407★Pennman J W
408 Hesseldenz S 636-3211
409★Canterbury B
410★Parks M E
411★Pierle P
412 Vacant
413 Vacant
414 Penman Amy E 635-4192
415 Mason Irene V 635-2042
416 Most A L 636-2979
500 Vacant
502 Robinson C
503 Huffman Robbie 635-5284
504 Vacant
505 Kauffman D A 639-1668
506 Malsberry E
507 Goodin S
508 Kizer Phil 639-5324
509 Cox F S 639-9723
510 Owens Lawrence J
511 Harnishfeger W C 637-8543
512 Childs Ersie M 632-8141
513 Bockstahler Suzanne I 632-2371
514 Kendrick Andrew 637-1713
515 Bean Walter D 639-6080
516 Dininger Roy R 634-0542
600 Higgins Margt F 635-4123
603 Schlichte M J 631-5144
604★Centracchio B M 632-7543
605 Barks M 634-1880
606 Vacant
607 Hughes K
608 Boggs B
609★Elliott P
610 Byron Geo D 266-8371
611★White Ronald W
612 Cook Russell Jr 638-5070
613 Gilmore Vernon J 637-7846
614 Wilson Edw T 634-2192
615 Bradley L W
616 Vacant
700★Mohler D
702 Burrell C
703 Brunt K M
704 De-Burger Leona J 637-9121
705 Richards J G 634-5668
706 Zevin Miles 634-1087
707★Neilan T P
708 Lindley C
709 Kelliher John T 635-3849
710 Vacant
711 Vacant
712 Ek Jacqueline 635-9067
713 Blaich C C 262-8785
714★Bernard Lillian D 631-3754
715 Vacant
716★Young Pauline E
800★Ostenforth M
802 Griffith M E
803 Howard R E 638-4715
804 Coburn Roscoe G 631-9915
805 Vacant
806 Murphy Joseph 638-7335
807 Evans David
808 Vacant
809 Vacant
810 Vacant
811 Guthrie M Isabel 636-8224
812 Beyer F K 636-9580
813 Turner M
814 Vacant
815 Morris Curtis J
816 Vacant
900★Bilderback Sandy L 638-4585
902★Schlens L
903 Phillips R M 634-9928
904 Vacant
905 Anderson M E 634-7311
906 Vacant
907 Paddock Geoff 635-2344
908 Hartmann W
909★Kadel S
910 Gallagher Richd 631-7619
911 Vacant
912 Rattray E C
913 Mitchell Nancy K
914 Vacant
915 Jackson L
916 Lewis Malcomb K 638-8420
1000 Vacant
1002★Shires N J
1003 Hansel C E 636-0300
1004★Beer I
1005★Usul Nurunnisa 631-9714
1006 Vacant
1007 Jurrell Kim R 236-9270
1008 Bailey L Mark
1009★Mc Kinney D
1010 Freathy A E 638-1440
1011 Vacant
1012 No Return
1013 Vacant
1014 Chowning K L
1015 Costo R
1016 Rosenbaum Kevin J 637-7977
1100 Richardson M 632-4855
1102 Vacant

STITZER BUICK-GMC, INC.
STITZER BUICK GMC Inc.
SALES - SERVICE
BODY AND FRAME WORK
BUICK AND GMC PARTS
5336 PIKE PLAZA BLVD.
299-6666

RITZ CHARLES
COMPLETE IN HOUSE FACILITIES AND OFF PREMISE CATERING
846-9158
12156 NORTH MERIDIAN

SCHUSTER'S Block-Precast Building Materials
Schuster's Block, Inc.
Office: (317) 787-3201
901 East Troy Avenue Indianapolis, Indiana 46203

S ADDISON ST—Contd
United Steelworkers Of America Local 2937
United Steelworkers Of America Local 1473
United Steelworkers Of America Local 8768
Marion County Central Labor Council (Meeting Pl)
226 Weddle Jerry W ◎ 631-0385
230 Milbrath Jack R 636-5668
232★Wilson Danl W
234★Butler Bobby G 634-1433
236 Vacant
BERTHA ST BEGINS
302 No Return
302½ Vacant
310 Vacant
314 Harper Robt L ◎ 631-1069
318 No Return
322 Taylor Eliz K Mrs ◎
328 Harper Mary E Mrs ◎ 632-2629
330 Matesick James S
332 Vacant
334 No Return
336★Ly Sophal 634-2777
IDA ST BEGINS
402 Jordan James M ◎ 631-0618
406 Vacant
410 Vacant
414★Thomas Harley D
418 Stewart Chester A ◎ 632-5637
422 Shearer Carl Jr
426 Jones Opal M Mrs ◎ 631-5787
430 Figley Tony R 638-1487
434 Mc Coy Lu Eva Mrs ◎
VICTORIA INTERSECTS
502 Smith Robt M ◎ 631-4445
506 Johnson Frank W ◎
510 Marshall Ernest F ◎
522 Williams Jeff A 637-3037
526★Hawkins Mike L ◎
530 Hawkins Doyle W ◎ 638-2175

477
ZIP CODE 46221
OLIVER AV INTERSECTS
702 Brown Edgar H 638-6280
705 Roach Donald C ◎ 631-6149
706 Johnson Veachel N ◎ 632-2814
714 Jennison Shirley A Mrs ◎ 632-5806
715★Dooky Larry W
718 Nichols Geo A 632-9127
721 Lunn Wayne R 634-1088
722 Nichols Geo W ◎ 631-1874
726 Rogers Beatrice U Mrs ◎ 637-7074
727 Killman Jerry L ◎ 637-9463
729 Staley Melvin B ◎ 637-7060
737 Hull Chas T ◎ 638-7220
742 Russell Victor L ◎ 634-8993
744 Miller Max
746 Vacant
747 Rose Perry C ◎ 631-5023
748 Phillips Paul M 632-4902
MC CARTY INTERSECTS
821 Anderson Henry L ◎ 636-7115
824 Mays Jeffrey W ◎
825 Clay Hazel L Mrs ◎ 636-1728
833★Martin Kenneth L ◎ 636-0487
834 Lowder Les W 637-4333
836 Wells Viola S Mrs 632-4139
840 Vacant
841★Sharum Donna ◎ 638-7175
845 Ooten Ronald L 631-2395
848 Mc Combs Harry ◎ 636-1712
852 Branham Clyde C ◎ 631-7767
853 Woodley Clara Mrs ◎ 632-1630
858 Chenoweth Marcella H Mrs ◎ 638-7337
865 No Return
RAY INTERSECTS
1001 Davidson Thos L ◎ 636-4441
1002 No Return
1006 Irvine Phillip E ◎ 637-8791
1009 Cummings Harold K 634-8009
1010 No Return
1012 Spencer Damon ◎ 635-8101
1015 Le Mond Alva E ◎ 632-1740
1019 No Return
1024 Nichols Mary A Mrs ◎ 638-9864
1037 Pruitt Geo ◎ 638-7700
1041 Poindexter Lanny W ◎ 634-1705
1044 Forthoffer Danl M ◎ 634-9895
1047 May Clark D 636-3256

503
ADLER ST E —FROM 1813 S MERIDIAN EAST TO MADISON AV

ZIP CODE 46225
13 Bowers Thelma C Mrs ◎ 631-3805
14 Vacant
16e Vacant
18★Hausdorfer Brenda
20 Vacant
22 No Return
24 Vacant
26 Loschky Craig E ◎ 632-3583
30 No Return
32 Vacant (32-39)
UNION INTERSECTS
112★Collins Charles G
114★Hoaglan Timothy N 638-5085
116 No Return (116-118)
124 Robertson Joe T ◎ 631-6793

462
ADLER ST W —FROM 1826 S MERIDIAN WEST TO SENATE AV

ZIP CODE 46225

490
ADMIRAL DR —FROM 6140 E 21ST NORTH AND EAST TO N KITLEY

ZIP CODE 46219
2113 No Return
2114★Freeman Randy J 356-6440
2115 Vacant
2116★Humphrey James E
2118 No Return
2120★Holmes Viktoria 357-8649
2128 Vacant
2130 Vacant
2134★Barry Sarah A
2136★Burse Sylvia A
2137 Vacant
2138 Bankhead Martha J 356-6806
2139 Vacant
2140★Brown Charles E
2143 Vacant
2144★Morris Pat A
2145 Spivey John 356-8334
2146★Shinklin Corrine
2149 Vacant
2150★Alexander Laverne
2151★Martin Rosie A
2152 Daniel Golhmon
2155 No Return
2156 Vacant
2157★Johnson Tyrone C
2158 No Return
2161 Vacant
2163 Vacant
2201★Johnson Ruth A
2202 Vacant
2203★Brown Linda
2204 Vacant
2207★Knox Freda R
2208 Vacant
2209 Sorrell Beverly
2210 Vacant
2213 Wheeler C Marie Mrs 359-1771
2214★Johnson Brenda L
2215 Vacant
2216 Vacant
2219 Vacant
2220★Reeves Jimmy W
2221 Vacant
2222 Vacant
2225 No Return
2226 Vacant
2227 Vacant
2228★George Shirley A
2231★Irving Anita
2232★Willis Rita R
2233★Russell Cecilia A
2234 Vacant
2237 Perry Danl J
2238 Vacant
2239 Smith Charles D 356-5175
2240 Wright Willie
2243 No Return
2244 Poindexter Michelle A
2245 Lee Gerry F
2246★Fields Twanda
2249 No Return
2250 Mason Lloyd Jr
2252★Mounts Kevin W
2256 Vacant
2258 No Return
2262 Ewing
2264★Timmons Albert L 353-0257
KENYON ST INTERSECTS

424
AGNES ST —FROM 940 W NEW YORK NORTH

ZIP CODE 46202
W NEW YORK ST INTERSECTS
325 Indiana Univ-Purdue Univ (Lecture Hall) 264-7664
W VERMONT ST INTERSECTS
420 Indiana Univ-Purdue Univ (Parking Service) 264-4637
425 Indiana Univ-Purdue Univ (Admissions) 264-4591
430 Indiana Univ-Purdue Univ (Police Dept) 264-7971

426
MICHIGAN INTERSECTS
NORTH INTERSECTS

907
ALABAMA ST N —FROM 300 E WASHINGTON NORTH

ZIP CODE 46204
COURT INTERSECTS
15 Park & Lock Parking Lot
E MARKET INTERSECTS
50 City County Bldg (Side Ent)
131 Allright Parking
(FOR OCCUPANTS SEE 200 E WASH)
WABASH INTERSECTS
155 A A A Bail Bonds 634-3127
E OHIO ST INTERSECTS
202 Indiana State Museum 232-1631
MIAMI INTERSECTS
230 Denison's Parking Lot (Side Ent)
235 Municipal Garage (Side Ent)

910
E NEW YORK INTERSECTS
302 Buck Berry Landau & Breunig lwyrs 638-3333
Orr Richd M lwyr 638-3333
Quinn James P lwyr 638-3333
Tobin John P Jr lwyr 638-3333
Schiff John D lwyr 638-3333
Stein Sidney lwyr 638-3333
305 Vacant
310 Massala Apts
1 Vacant
(FOR APTS 16 THRU 21 SEE 341 MASSACHUSETTS AV)
22 Vacant
(FOR APTS 30 THRU 35 SEE 341 MASSACHUSETTS AV)
333 Vacant
ALABAMA INTERSECTS
E VERMONT INTERSECTS
MASSACHUSETTS AV INTERSECTS
402 Vacant
412 Devonshire The apts 635-6155
B1 Chandler Bradley 637-7306
101 Hollander Goldie G Mrs 636-7666
102★Perronie Bernice D
103 Craig Georgia R Mrs 638-7745
104 Herrick Jeanne F H 636-6857
105 Weaver Gladys B Mrs 637-6900
106 Schuller Frank
107 Robbins Beatrice M
108★Yocum L C
109 French Helen G 631-0483
110 Prothrom Nellie S Mrs 236-8061
111★Walker P
112 Vacant
201 No Return
202 Koras Therese Mrs
203 Butcher
204 No Return
205 Doyle Edw D 631-4828
206★Rife Thos T 636-9205
207 Wampler M
208 Decker Marion
209 Brown Edith M Mrs 637-7664
210 Petty R D 635-7767
211 Bennett Zinea Mrs 634-2961
212 Richardson Norma
301★Diekhoff Edw J III 635-2449
302 Eischeid
303★Lucas Jo Ann J
304★Nagel Rodney 634-9846
No Return
306★Roberts Kathryn L 639-5598
307 Tuberosa John
309 Wilson
308★Hazzard Gary
310 No Return
311 Bertolin
312 Tinsley
EDEN PL INTERSECTS
418 Chambers-Ring Plumbing & Heating Co Inc 634-8301
418½ Apartments
1 Ramos Randy
2★Kordes Kelly
3★Thompson S
1★Lawless R
4★Sosayne Leone A
4★Billington Bill
5★Dugan Charles M
426 Ryker Dental Depot Inc sup 637-4506
430 Friendly Foods 637-0307
E MICHIGAN INTERSECTS
521 Murat Temple (Parking Lot)

433
ZIP CODE 46202
600 Riley Towers ofc 635-3300
American Fletcher National Bank 639-7218
Fountian Terrace Apartments Tower Two (Riley Cntr) 635-3300
500 Hedges N S
502 Payne R E
503★Sheerin D D
504 Ekliff Edw M 635-4673
505★Berry E
506 Anderson M V
600 Guam K
602 Tate N
603★Metz J H
604 Whiteside Dorothy H 638-3869
605 Keifer Sylvia C 632-2819
606★Huber J K
700 Rankin Lenyer N 636-6001
702★Orr S C
703 Craig Pauline P Mrs 636-0379
704 Vacant
705 Padgett R E
706 Wenz Cecilia S Mrs 638-6774
800 Quinn Mary J Mrs 638-2844
802★Harding S
803★Miller R
804★Jones N L
805 Vacant
806 Sibbach Mary 635-6821
900★Redman N R
902 Thompson C
903 Pope L R 635-8103
904★Free E
905 Dulin D M 635-6897
906 Scanlon John 631-3738
1000 Schroeder Sophie W 635-4737
1002★O'Leary E
1003 Brokhage J
1004 Mannix Janet A 637-4002
1005★Griffith M
1006 Vacant
1100 Troutt Martha L 637-8294
1102 Stamm G
1103 Reed J L 636-4620
1104 Vacant
1105 Bretthauer B H 636-7505
1106 Ray J W
1200 Sprecher Lillian H 636-4645
1202 Powell Cath L 631-6455
1203★Neal A
1204 Sandstead Vicki J 236-8066
1205 Ringer Willard A 635-7257
1206 Welch G P
1300 Brownlee L Margt 638-0582
1302 De Mars Lillian 636-2197
1303 Hunter Nelson G 637-8670
1304 Rohn Randall 632-8913
1305★Scott J R
1400 Peters S
1402 Stahley Clara E 635-1278
1403 Boone A C
1404★Stanley S
1405★Pace K
1406 Fedde Ruth 637-5925
1500★Richman C
1502 Hagedorn N
1503 Woodward Mona A 634-7842
1504 Ballinger K
1505★Canellis P
1506★Smith J
1600 Smith P
1602★Hall C
1603 Newhouse Jean 635-6866
1604★Hill V
1605 Reed R
1606 Salb Richd M 639-9719
1700 Bennett F
1702★Jefferson S
1703 Davis Stanley W 634-2131
1704★Kinney P S
1705 Nunez P
1800 Barrett Kathryn L 634-9082
1802 Goodwin Robt R 634-4969
1803★Parker T
1804 Worez D
1805 Ferguson E
1900★Dommer D J
1902 Berry Edw M Jr 635-6407
1903★Linder J
1904★Prater R S
1905 Dickerson Philandria P 636-0851
2000★Skelly Emarita D
2002 Taylor M
2004★Hall M
2100 Murphy Wm L 638-9323
2102 Ewing Robt 634-5138
2103 Bosler R T 635-3418
2104★Aldrich G K
2105 Harris R
2200 Auble M
2202 Moller D
2203★Eakle L
2204 Harris T
2205 Stewart A M III 635-0233
2208 Vacant
2300★Hall H A
2302 Wilson Wm E 634-1190
2303 Attaway Allen H 631-2757
2304 Miller
2305 Miles Harold W 634-6777
2400★Wilson B
2402 Fertig C B 637-3408
2403 Grant E W 631-6315
2404 Sutton S K 632-8185
2405 Sparling Virginia V 632-7067
2500 Brockman M E 632-4940
2502★Miller M E
2503 Rowe M 634-8195
2504★Gruner J L
2505 Kirkpatrick Vivian 631-3841
2600 Hall Helen A Mrs 637-2075
2602 Paine P
2603 Eckert M A 631-8968
2604★Keppler D
2700 Gilmore Fred 636-5769
2702 Melle Ruby M Mrs 634-3626
2703★Mc Cormick K S
2704 Jones F Louise
2800 Loser Jack L 632-5175
2802★Mc Carthy R
2803 Erwin W
2804 Upwright Geo 634-5777
2900 Mulcahy W
2902 Ollendorff
2903★De Muth A
2904 Engle Martha L 636-4310
3000 Vacant
3002 Kightlinger Erle A 632-1221
STREET CONTINUED
615 English Foundation Building 634-7497
Bsmt English Foundation Building (Conference Rooms)
Rooms
104 Marion County Heart Association 635-2104
107 Big Sisters Of Greater Indianapolis Area 634-6102

3902 SOUTH EAST STREET
PLAZA MOTORS INC.
PLAZA AUTO DETAIL
Used Car Sales • Complete Auto Cleaning
Interior • Exterior • Including Engines
788-7118

Consult the CLASSIFIED LISTS of the DIRECTORY
If You Would Find What You Wish to Buy

A. W. Hamilton Real Estate Co.
REALTOR
BROKERAGE - APPRAISALS
4147 BOULEVARD PL.
TEL. 283-1616

Who's Who- and Where?

Such questions can only be answered by the Directory and that is where people look when they want to buy.

Are you properly displayed therein to get the business?

532

ADDISON ST S —FROM 2600 W WASHINGTON SOUTH

ZIP CODE 46222
16 Anderson Geneva E 636-6757
16½*Caudill Sue 631-4973
21 Arterburn Randall ◎ 631-5245
22 Lowe David L 634-7026
24 Scalf Harold
25 Sullivan Virgil E ◎ 631-0259
26*Owens Marie 635-5336
28 Troth Horace T
29 Cook Harlan B ◎ 634-8076
30 Heath Elmer C ◎ 637-8715
33*Manion V L 634-2335
34 Trusty Guido 635-3032
37 Mayhew Dennis L 636-8102
38*Wells Kent ◎ 638-4732
41 Smith Wm L ◎ 631-7039
42 Potter Linwood G 636-2028
45 Vacant
46 Fleming Robt B ◎ 638-0151
47 Thomas Cecil C ◎ 637-8467
49 Black Iona J 266-0542
50 Mc Allister Lester G ◎
58 Day Silver R Mrs ◎ 637-9772
59 Clark Nellie M Mrs ◎ 638-0853
JACKSON INTERSECTS
CCC&STL RY CROSSES
202 No Return
218 United Steelworkers Of America Union Local 1150 639-1479
226 Weddle Jerry W ◎ 631-0385
230 Milbrath Jack R
232 Joseph Ronald E
234 Garner Dennis 632-2759
236 Pruitt Donald F Jr carp ◎ 638-2045
BERTHA INTERSECTS
302 Allen Leo D ◎ 638-9012
310*Taylor Vera
314 Harper Robt L ◎ 631-1069
318*Williams John S 632-8685
322 Taylor Eliz K Mrs ◎
328 Harper Mary E Mrs ◎ 632-2629
330 Matesick Edith I Mrs ◎ 636-9356
332 Vacant
334 No Return
336 No Return
IDA INTERSECTS
402 Mc Murry Shelia ◎
406 Hann Frank J
410 Vacant
412 Vacant
414 Vacant
418 Stewart Chester A ◎ 632-5637
422 Comingore Joseph P
426 Jones Lewis D ◎ 631-5787
430*Figley Tony R
434 Mc Coy Lu Eva Mrs ◎
VICTORIA INTERSECTS
502 Smith Robt M ◎ 631-4445
506 Johnson Frank W ◎
510 Marshall Ernest F ◎
522 Wheat Joe M ◎ 635-7491
526 Vacant
530 Hawkins Doyle W ◎ 638-2175
WYOMING INTERSECTS

477

ZIP CODE 46221
702 Brown Edgar H 638-6280
705 Roach Donald C ◎ 631-6149
706 Johnson Veachel ◎
714 Jennison Raymond J ◎ 632-5806
715 Vacant
718 Nichols Geo A
721 Kilman Jerry
722 Nichols Geo W ◎ 631-1874
726 Rogers Russell L ◎
727 Cook Robt E
729 Staley Melvin B ◎ 637-7060
737*Conley Michl L 634-4678
742 Russell Victor L ◎ 634-8993
744 Miller Sally A Mrs 636-4150
746 Vacant
747 Rose Perry C ◎ 631-5023
748 Tucker Bobby ◎ 632-4902
MC CARTY INTERSECTS
821 Anderson Henry L ◎ 636-7115
824*Mays Jeff W ◎
825 Clay Hazel L Mrs ◎ 636-1728
830 Jones Bob L ◎ 638-4778
833 Moyer Hugh E ◎ 636-0301
836 Wells Viola S Mrs 632-4139
840 Vacant
841 Rosselle Thos W ◎ 631-1793
845 Law Gladys M Mrs ◎ 631-2395
848*Broadstreet Ron C ◎
852 Branham Clyde C ◎ 631-7767
853 Woodley Clara Mrs ◎ 632-1630
858 Chenoweth Marcella H Mrs ◎ 638-7337
865 Elliott Geo S ◎ 632-3071
RAY INTERSECTS
1001 Davidson Wesley Jr ◎ 632-5872
1002 Lollar Annie M Mrs ◎ 634-4886
1006 Irvine Phillip E 637-8791
1009 Vacant
1010 Pruitt Michl D ◎ 638-7700
1012 Damon
1015 Le Mond Alva E ◎ 632-1740
1019 Mick Michl
1024 Nichols Earl C ◎ 638-9864
1037 Pruitt Geo
1041 Batts Mary B Mrs ◎ 635-1469
1044 Swanson Pauline Mrs ◎ 637-4697
1047 May Clark D 636-3226
WILKINS ST INTERSECTS

503

ADLER ST E —FROM 1813 S MERIDIAN EAST TO MADISON AV

ZIP CODE 46225
13 Bowers Thelma C ◎ 631-3805
14*Mc Peak Clyde
16e Vacant
18*Brown Linda
20*Lankford Lenora A
22 Novak Geo E
24*Schneider Clarence G
26 Keeling Royce H ◎
30 Vacant (30-32)
34*Erwin Richd
39 Vacant
UNION INTERSECTS
112 Clark Wm H
114 No Return (114-16)
118 Vacant
124 Robertson Joe T ◎ 631-6793

462

ADLER ST W —FROM 1826 S MERIDIAN WEST TO SENATE AV

ZIP CODE 46225
ILLINOIS INTERSECTS

490

ADMIRAL DR —FROM 6140 E 21ST NORTH AND EAST TO N KITLEY

ZIP CODE 46219
2113*George Pam M
2114*Lawson Danl R
2115 No Return
2116*Harris G L 356-4002
2118*Yarrell Gwen 356-4592
2120 No Return
2128*Brown Laurie
2130*Mc Mahon Paul
2134*Mann Danny 359-7424
2136 Vacant
2137 Valentine Dean
2138 Vacant
2139 Long Steve W 359-9356
2140*Bunting Beverly J 356-9355
2143*Stiles Bess
2144*Sorrell B
2145 Vacant
2146*Fitch B
2149*Bailey Louie
2150*Sacks Terry
2151 Vacant
2152*Martin D W
2155 Crickmore Richd 356-1056
2156 Vacant
2157 Vacant
2158*Berry Mickey D 356-1242
2161*Ford Marshall
2201*Spicer Walter T 359-6774
2202*Bartley Kenny
2203 No Return
2204*Quails Caroline
2207 Dawson James D 356-3292
2208*Pitman Anthony A 357-9624
2209 Vacant
2210*Mann W E
2213 Wheeler C Marie Mrs 359-1771
2214*Williams Hershel M Jr
2215*Jordan K E 356-0684
2216 Vacant
2219*Bergin Mary
2220*Beecher Alichs 356-0601
2221*Beavers Joseph 357-4942
2222 Allen Sharlene Mrs
2225 Vacant
2226 Vacant
2227 Vacant
2228 Vacant
2231*Preston Barbara A
2232*Harvey Randall A 359-9864
2233 Vacant
2234*Duzyk Tom A 357-6736
2237 Perry Danl J
2238 Turner Jimmy G
2239 Smith Charles D 356-5175
2240*Walker Donald
2243 Vacant
2244 Vacant
2245 Maple Warren W 356-0145
2246*Shaffer Pat L
2249 No Return
2250*Barnett Vickie 357-8257
2252 Vacant
2256*Schmidt Garfield 357-5879
2258*Schafer Leo J
2262 Vacant
2264*Ploring Larry D 357-1959
KENYON ST INTERSECTS

424

AGNES ST —FROM 940 W NEW YORK NORTH

ZIP CODE 46202
VERMONT AV INTERSECTS
324 Bright Sheet Metal Company Inc sht mtl contr 639-4551
PETTIJOHN INTERSECTS

426

MICHIGAN INTERSECTS
NORTH INTERSECTS

907

ALABAMA ST N —FROM 300 E WASHINGTON NORTH

ZIP CODE 46204
COURT INTERSECTS
15 Park & Lock Parking Lot
E MARKET INTERSECTS
50 City County Bldg (Side Ent) (FOR OCCUPANTS SEE 200 E WASH)
WABASH INTERSECTS
131 Borden Milk & Ice Cream Co (Ice Cream Div) 353-1471
E OHIO ST INTERSECTS
202 Indiana State Museum 232-1637
MIAMI INTERSECTS
230 Denison's Parking Lot (Side Ent)
235 City Fire Dept Hdqtrs (Side Ent) Municipal Garage (Side Ent)

910

E NEW YORK INTERSECTS
305 Economy Plumbing Supply Co 637-5324
310 Massala Apts
1*Tipton Elmer
2 Arnett Margt M Mrs 638-4796
3*Quateck Mildred K
4*Brooks Evelyn
5 Vacant
6*Hamilton Mel
7*Karnes Michl
8*Rhude Owen
9 Burke Monore M
10 Teall Lena Mrs 634-1958
11 Vacant
12*Boles Joe
14 Bintz Viola Mrs 635-1777
15 Vacant
(FOR APTS 16 THRU 21 SEE 341 MASSACHUSETTS AV)
22 Piper Patricia A Mrs
23*Hutson Timothy
24*Morey Gordon
25*Strode M
26 Rardin Clyde
27*Jones Raymond
28 Vacant
29 Vacant
(FOR APTS 30 THRU 35 SEE 341 MASSACHUSETTS AV)
333 Sears Roebuck & Co dept store 267-3333
ALABAMA INTERSECTS
E VERMONT INTERSECTS
MASSACHUSETTS AV INTERSECTS
402 Sears Roebuck & Co (Serv Sta) 267-3259
412 Devonshire The apts
Bsmt*Mc Carthy Don
101 Hollander Goldie G Mrs 636-7666
102*La Force Helen
103*Craig Grace
104 Heinecke Grace J Mrs 637-9537
105 Payne Lora Mrs 638-7233
106*Schuller Frank
107 Robbins Beatrice M
108*Barker Doris
109*Doyle Clara
110 Gilley Frank G 631-8144
111*Hoyt Rossie
112 Murphy Louis W 631-8289
201 Garner D Esther 634-4620
202 Koras Therese Mrs 634-8038
203*Dugle Frank
204*Berman Wm
205*Doyle Ed
206*Hill Malcim
207*Frost Robt
208*Brown Lewis
209 Brown Edith M 637-7664
210 Petty R D 635-7767
211 Bennett Zinea Mrs 634-2961
212*Richardson Norma
301*Hackett Don
302 Kerns Carlyle L 635-3213
303 Vacant
304 Cummins Donald
*Irizarry Rosa M Mrs
306*Clark Todd
307*Scott Danny
309*Mc Carthy Tom
308 Banks John
310*Bayless Reginald
311 Vacant
312 Corcoran Thos W
EDEN PL INTERSECTS
418 Chambers-Ring Plumbing & Heating Co Inc 634-8301
418½ Apartments
1*Crabtree Linda
2 Brady Tom
3*Brown Dana
420 Bigbee Robt T 632-4559
Claunch E Mrs
*Stanfield John
425 Vacant
426 Ryker Dental Depot Inc sup 637-4506
430 Phillips Sixty Six Serv Sta 635-0873
E MICHIGAN INTERSECTS
521 Murat Temple (Parking Lot)

433

ZIP CODE 46202
600 Riley Towers ofc 635-3300
American Fletcher National Bank & Trust Co (Br) 633-2540
Indiana Judicial Center 633-7001
Fountain Terrace Apts Tower 2 (Riley Center) 635-3300
500 Huey Phoebe J 635-0307
502*Murtaugh J
503*Smith Roy E 631-1718
504*Barrett Kathrynn L 634-9082
505 Geier J M 635-7226
506 Schilling Wm 266-9549
600 Davis Lewis 638-7832
602 Markey Wm 631-1856
603 Leonhardt Paula V Mrs 631-4112
604 Whiteside Dorothy H 638-3869
605 Ishii Chieko 636-8169
606 Shaneff B P
700 Carroll Mary 637-6112
702 Bezirian Harry A 635-1148
703 Craig Pauline P Mrs 636-0379
704 Callahan Arth J 638-7764
705 Iliff Lowell E 634-8787
706 Wenz Cecilia S Mrs 638-6774
800 Quinn Michl J 638-2844
802 French H
803 Leonard B M 636-9271
804 No Return
805 Vacant
806 Coffin P
900 Mannix K E 636-1978
902 Kerr Dessie 632-6135
903 Pope L 635-8103
904 O'Hara M J 638-1209
905 Dulin D G 635-6897
906 Scanlon John 631-3738
1000 Schroeder Sophie W 635-4737
1002 Stafford David C 637-8238
1003 Green G R 637-4084
1004 Rosebrough Dennis 637-3836
1005 Griffith Marian L 632-0308
1006 Imel Lloyd 632-7902
1100 Troutt Martha L 637-8294
1102 Kirkpatrick Vivian 631-3841
1103 Keel G
1104 Lofton
1105*Bretthauer B H 636-7505
1106 Vacant
1200*Sprecker Lillian H 636-4645
1202 Powell Cath L 631-6455
1203 Warren Robt C 638-7671
1204 Clark E
1205 Ringer Willard A 635-7257
1206 Sibbach Mary 635-6821
1300 Brownlee L Margt 638-0582
1302 De Mars Lillian 636-2197
1303 Hunter Nelson G 637-8670
1304*Scheuring I M 632-0326
1305 Hammond G 634-5449
1400*Gamlin P P
1402 Stahley C 635-1278
1403*Hicks G L 636-9053
1404 Stanley Stacey C 632-1294
1405*Luciana M
1406 Fedde Ruth 637-5925
1500*Garrett Margt 635-3762
1502*Boehmer S 636-1449
1503 Woodward Mona A 634-7842
1504 Winchell J R 632-8912
1505*Brunk Glen 638-8708
1506 Dunkle D A 638-4256
1600 Vacant
1602*Birkla P
1603*Battreall V
1604*Birmingham F
1605*Maschmeyer M
1606 Salb Richd M 639-9719
1700 Beebe Joseph A 639-2050
1702 Jefferson Sylvine 637-7047
1703 Bustion Paul Jr 638-2956
1704*Paranjpe Chintaman 631-2104
1705 Coletto J Edw 631-3701
1800*Burrous K
1802*Goodwin Robt R 634-4969
1803 Creek W
1804 Newton L 638-9455
1805 Ferguson E
1900 Scali G
1902 Alberty V 637-4965
1903 Olson Robt W 631-0853
1904 Lowenthal M 636-0600
1905 Treacy James W 637-1977
2000 Winston Martin 632-5738
2002*Orr R
2004 Hall Helen A 637-2075
2100 Murphy W Lincoln 638-9323
2102*Dickerson P P 636-0851
2103 Nigh Wm G Rev 639-2000
2104 Irish M 638-9115
2105 Burns R
2200*Auble M 637-7751
2202*Tunnell Donald L
2203 Courtesy Apt
2204 Mannix J 637-4002
2205 Vacant
2300 Davis Bertram G
2302 Wilson Wm E 634-1190
2303*Attaway A
2304*Wallace Larry J 636-2672
2305 Miles Harold W 634-6777
2400*Spurr T
2402*Fertig C
2403*Grant E W
2404*Trevino K 638-0474
2405 Sparling Virginia V 632-7067
2500*Barker B
2502*Bradley Linwood 638-9506
2503 Rowe M 631-1013
2504 Greig N
2505 Preston B 631-2836
2600 Hall Walter S 637-2075
2602 Eli Lilly (Addl Rm)
2603 Eckert M A 631-8968
2604*Pfeffer K
2606 Vacant
2700*Cordingley Bruce A 635-3617
2702*Melle Ruby M 634-3626
2703 Miller R P
2704 Turrell E
2800 Kightlinger Erle A 632-1221
2802 Hodgkins Roxie B 638-1236
2803 Evans Dan 634-5669
2804 Upwright Geo 634-5777
2900 Lilly International
2902*Murphy Thos J 635-3418
2903 Wilson John B Jr
2904*Heil M
3000 Vacant
3002 Chapman W B
STREET CONTINUED
615 English Foundation Bldg 634-7497

PEOPLES BANK & TRUST CO.
FOUNDED IN 1891 "THE FRIENDLY BANK"
130 E. Market Street Indianapolis, 46204 Tel. 639-9241

ADAMS ST—Contd
4038 Apartments
349 Carter Arth B 546-6653
350★Alig Leona T Mrs 547-8914
351 Lanahan James V 545-0947
352 Vacant
N ADAMS CT BEGINS
4039 Meadowbrook Apts
283 Britton Paul L 547-0978
284 Oster Irvin L 546-5565
285 Vianco Rose A 547-1857
286★Mason R E
4045 Apartments
279 Bales Eliz Mrs 546-1315
280 Campbell Wm T 545-2066
281 Vacant
282★Ashworth Charlotte R Mrs 545-9413
4057 Apartments
300 Vacant
301 Darrow June A 547-5170
302 Sandford Sheridan 545-0438
303 Vacant
4063 Apartments
296 Devine Helen C 547-7857
297 Vacant
298 Bridges James C 545-8192
299 Vacant
4069 Apartments
291 Warmoth Geo A 547-1781
292 Vacant
293 Vacant
294 Vacant
295 Cronkhite Martha H 547-5030
4078 Apartments
321★Rubinowicz A 546-4514
322 Wahman Donna J 545-2671
323★Morgan Caroline L 546-2247
324★Curtis Linda A 546-8436
325★Christie Sarah G
MEADOWS DR INTERSECTS

450
ADDISON ST N —FROM 2600 W WASHINGTON NORTH TO VERMONT

ZIP CODE 46222
12 Montgomery Mack G 638-8497
13★Shaw Robt J
15★Coleman Suzanne 631-4186
16 Sinclair Myrtle E Mrs ◎ 638-3286
17 Handlon Wm ◎
23 Bobett Herbert 631-2374
24 West Park Christian Church 636-6242
25★Fowler Wm G
28★Randel Billy Rev 632-2617
30 Cox Mary L Mrs ◎ 638-0430
31★Porter Gilbert D 634-6887
34 Query Chester
35 Coleman Elmer O ◎ 636-1971
38 Hyde Mitchell F ◎ 631-7258
39★Robbins James H
41★Morrey Marya
43★Jackson S T
44 Vacant
45★Castell Verdie 631-4940
47 Lambert John W 632-8539
48 Stevens Homer L ◎ 632-8772
48½ Sauerwald Elvin E 637-5867
50 Hoskins Ruth M Mrs ◎ 638-0704
51 Vaughn Dewitt C ◎ 637-9387
54 Clarke Harold M ◎ 638-2102
55★Stillwell Bob ◎
58★Anderson Joyce A Mrs 637-7815
59 Knight A Dewey ◎ 638-0589
62 Gray M Irene Mrs ◎ 639-1859
63★Allen Lucille F Mrs 635-4830
65 Fowler Leslie R ◎ 631-8100
66 Noakes Geo 639-0313
66½ Napier Minnie J 631-9560
67 Alsop Carolyn A Mrs ◎ 637-7692
70 Eddy Robt F ◎ 636-4153
71 Gehlhausen Walter G ◎ 632-9853
74 Faith Olga N Mrs 638-3855
75★Earhart Alan R 632-5990
76 Smith Clinton M 631-1589
79 Stanley Myron D ◎ 631-0816
81 Vacant
82 Monroe Hildred J Mrs ◎ 636-8840
82½ Stump Larry
83 Hohlweg Charles L 637-7636
85★Wilson Nancy S Mrs 637-7485
86 Richardson Maude Mrs 637-8322
87 Breidenbaugh Ruby E Mrs ◎ 637-9321
OHIO INTERSECTS
202 Vacant
204 Baar Wm C Jr ◎ 638-1206
205 Sturm Ronald R
206 Vacant
209 Dixon Charles E 638-0309
210 Perdue Iva E Mrs ◎ 632-9183
211 Mangrum Donald R
212 Antrobus Ray
213 Walker Mary E Mrs ◎ 631-3838
213½ Vacant
214 Patterson Sadie Mrs ◎ 636-5293
217 Ennis Harold
218★Frazer Saml L 632-8570
221 Cubel Danl W ◎ 638-6097
222★Arterburn Wesley C 636-7041
225 Sims Lois Mrs ◎ 635-8793
226 Black Edw A ◎ 636-1237
229 Hayes Floyd B
230 No Return
233 Harden Viola G Mrs 636-1184
234 Dowden Otis E ◎ 638-2606
235★Bedrick John Jr 636-8594
237 Hasselberg Cecile M Mrs ◎ 637-8305
238★Miller Douglas
241 Thomas Dale E ◎ 635-4989
Rear Vacant
242 Cements Paul F ◎ 631-3565
245 Highfill Roy E ◎ 632-6900
246★Miller Alice F 639-2241
249 Reid James L 636-8695
250 Vacant
253★Ault Ralph B 632-2183
254 Ruby Sylvia E 636-7945
256 Vacant
257★Reid Kenneth R 639-9828
258★Malanoski Frances M 639-1258
260 Wilson Irene
261 Reid Jerry L 638-8695
262 Watz Myrtle J Mrs ◎ 638-5714
265★Lomen Martin C ◎
266 Hinshaw Harold ◎ 636-2719
269★Boswell Richd L 631-7750
269½ Vacant
270 Guire Jennie L Mrs 636-7998
Jackson Lura 638-6138
274 Fowler Malinda Mrs ◎ 638-6228
275 Boyce Elvardie Mrs 632-8730
275½★Lair Robt
278 Pope Wm H
278½ Patrick Lillian Mrs 631-7692
279 Leeman Naomi R Mrs 637-8974
279½ Vaughn Margt
281 Griffith Henry H ◎ 637-7115
281½★Pearcy Steven 638-6191
282★Davidson Larry E 631-4315
NEW YORK INTERSECTS
301 Ferris Market 637-9996
302 Haney Wm H ◎
303 Wiese Ferris
303½ Stanfield Flornell K Mrs 638-1294
305 Smith Harold C ◎ 638-7822
306 Mc Conaughy Gerald ◎ 638-5667
309 Fosso Charles J 635-7011
310★Koons Morris
313★Hybarger Anna Mrs 631-7675
313½ Vacant
314★Cavaness Charlotte C
317 Craft Charles W
318 No Return
320 Hillman Alonzo W ◎ 638-3915
321 No Return
321½ Vacant
322 Vacant
324 Williams John R Jr 638-7648
325 Whitsett Charles A ◎ 637-8902
326 Murray Nellie M Mrs 637-1980
329 Ward Nellie M Mrs ◎ 637-2254
330 Easch Georgia L Mrs ◎ 638-1097
333 Stead Roy J
334 Hillman Herbert
335 Lutz Mary C Mrs ◎ 631-2472
337 Vacant
340 White Wilbert
341★Hurley John S 638-5853
344 Woodcock Archie ◎ 638-7281
345 Lents Anthony M ◎ 638-4064
348 Scalf Harold R
348½★Jones Jack E
349 Coburn Ray
349½ Ash Thos
350 Mason Lena J Mrs ◎ 638-0528
351 Embry Erdest R ◎ 636-1922
352★Childers Ronnie
354★Counts Mary L 636-0149
356 Vacant
357 Thornton Lloyd E 632-4290
358 Hack Blanche Mrs ◎ 638-0097
362 Montgomery Emmett ◎ 638-0328
366 Von Willer Herman A ◎ 638-1002
TURNER AV INTERSECTS

532
ADDISON ST S —FROM 2600 W WASHINGTON SOUTH

ZIP CODE 46222
16 Mangrum Opal M Mrs 634-7026
16½ Baker Carl
21 Arterburn Randall ◎ 631-5245
22★Tuttle Frances M Mrs ◎ 632-8561
24★Follett P Stephen 635-3264
25 Sullivan Virgil E ◎ 631-0259
26★Sims James S 631-7255
28 Danials Danny ◎
29 Cook Harlan B ◎ 634-8076
30 Organ Eunice K Mrs ◎ 637-8715
33 Wilson Cath B Mrs ◎ 637-8021
34 Trusty Guido
34½★Johnson Steven
37 Day Charles D ◎ 636-4656
38 Daniels Hugh ◎ 637-1775
41 Smith Wm M ◎ 631-7039
42 Potter Linwood G 636-2028
45★Eubenstein Dale 635-1269
46 Fleming Robt B ◎ 638-0151
47 Thomas Cecil C ◎ 637-8467
49★Mynatt Robt E 637-3112
50 Mc Allister Lester G ◎ 636-8409
58 Day Silver R Mrs ◎ ME7-9772
59 Clark Nellie M Mrs ◎ 638-0853
JACKSON INTERSECTS
CCC&STL RY CROSSES
202 United Steelworkers Of Am Local 1150 C I O 639-1479
218 United Steelworkers Of America Union Local 1150 639-1479
222 Holdcroft Imogene L Mrs ◎ 632-5053
226 Davis Geo L ◎ 631-0385
230 Lee Allen
232 Benson Ray
234★Murth John B 631-7408
236★Anderson Howard T
302★Everhart Robt H 631-8915
310 Brown James
314 Harper Robt L ◎ 631-1069
318 Mc Guire Hazel R Mrs smstrs ◎ 639-0311
322 Taylor Eliz Mrs
328 Harper Mary E Mrs ◎ 632-2629
330 Matesick Edith I Mrs ◎ 636-9356
332★Staggs Fredk
334 Vacant
336★Barker James E
IDA INTERSECTS
402 Mc Murry Margt H Mrs ◎
406★Mosely Morris 632-2978
408★Stollsworth Sue E Mrs 631-6538
410 Vacant
412★Fox Glenn R
414 Thompson Bobby G 635-8993
418 Stewart Chester A ◎ 632-5637
422★Offenbacker Paul E 639-6020
426 Jones Lewis D ◎ 631-5787
430 Wise Elwood
434 Mc Coy Le Roy ◎ 631-3714
VICTORIA INTERSECTS
502 Smith Robt M ◎ 631-4445
506 Johnson Frank W ◎ 638-2297
510 Walden Phyllis A Mrs ◎ 636-0986
522 Wheat Joseph M ◎ 635-7491
526 Sidlik Edna M Mrs ◎ 637-8928
530 Hawkins Doyle W ◎ 638-2175
WYOMING INTERSECTS

477
ZIP CODE 46221
702 Brown Edgar H 631-0579
705 Roach Donald C ◎ 631-6149
706 Johnson Veachel ◎
714 Jennison Raymond J ◎ 632-5806
715 Dooley Betty Mrs 637-8654
718 Johnson John F
721 Hunter C Murrill ◎ 639-9798
722 Nichols Geo W ◎ 631-1874
726 Rogers Russell L ◎
727 Vacant
729 Staley Melvin B ◎ 637-7060
737 Pence Benny H 631-7507
742 Russell Victor L ◎ 634-8993
744 Miller Max A
746 Mc Coy Michl T 635-6626
746½ Vacant
747 Rose Perry C ◎ 631-5023
748★Tucker Bobby ◎ 632-4902
MC CARTY INTERSECTS
821 Anderson Henry L ◎ 636-7115
824 Jones Clifford 638-8534
825 Clay Hazel L Mrs ◎ 636-1728
830★Jones Bob
833 Moyer Hugh E ◎ 636-0301
836 Wells Clyde 635-6294
840 Vacant
841 Rosselle Thos W ◎ 631-1793
845 Law Gladys Mrs ◎ 631-2395
848 Mc Combs Harry L ◎
852 Branham Clyde C ◎ 631-7767
853 Smith Maude ◎ 632-1630
858 Chenoweth Marcella H Mrs ◎ 638-7337
865 Elliott Geo S ◎ 632-3071
Rear Ritchie Cabinet Top Co 637-6750
RAY INTERSECTS
1001 Davidson Wesley Jr ◎ 632-5872
1002 Brown Robt S ◎ 635-0103
1006 Eckert Victor A ◎ 631-4946
1009 Vacant
1010 Pruitt Michl D ◎ 638-7700
1012 Forthoffer James L ◎ 637-5843
1015 Le Mond Alva E ◎ 632-1740
1019★Garriott Wm A 635-2816
1024 Nichols Earl E ◎ 638-9864
1037 Le Mond Ralph E 637-6926
1041 Batts Ira A ◎ 632-3704
1044 Swanson Pauline Mrs ◎ 637-4697
1045 May Curtiss M 631-2727
1047 May Jack B ◎ 637-4945
WILKINS ST INTERSECTS

503
ADLER ST E —FROM 1813 S MERIDIAN EAST TO MADISON AV

ZIP CODE 46225
13 Bowers Thelma C ◎ 631-3805
14★Baker Lois
16★Brown Beverly Mrs
18 Wallace Doris 637-3813
20★Carter Douglas 635-7931
22★Novak Geo E
24★Duvall Michl L
26 Rabathey Amy B Mrs ◎ 632-3748
30 No Return
32★Combs Otis
34 Vacant
36 Throckmorton Leona Mrs ◎ 631-5370
39★Pence Wm R ◎
UNION INTERSECTS
112★Beech Eldon T
114 Wardrip Noah A 638-7936
116 No Return
118 Vacant
124 Robertson Joe T ◎ 631-6793

462
ADLER ST W —FROM 1826 S MERIDIAN WEST TO SENATE AV

ZIP CODE 46225
ILLINOIS INTERSECTS

490
ADMIRAL DR —FROM 6140 E 21ST NORTH AND EAST TO N KITLEY

ZIP CODE 46219
2113★Deffinger Ann B
2114★Henry Florence V
2115★Mason Susan K
2116★Edy Steph
2118★Whittington Robt H 359-5614
2120 Cornwell Wm
2128 Smith Marla
2130 Vacant
2134 Green Steph P
2136 Dougherty Russell Jr
2137 Schafer Robt P 356-7670
2138 No Return
2139★Wratten Paul L
2140★Walsh Charles
2143★Golden Barbara A
2144 Neigbert Lourinda M Mrs
2145 Rapp Donna J Mrs
2146★Newton Hubert E
2149 Vacant
2150 Salgado Hernando
2151★Ward Gary 357-9248
2152 Day Rosemary Mrs
2155★Gebhart Jerry L
2156★Jenkins Donna 353-6438
2157 Vacant
2158★Stutz Michl
2161★Dauenbaugh Linda D
2163★Hilton Robt L
2201★Powell Everett
2202★Patterson Ken R
2203 Smith Charles D 356-5175
2204★Winkleman Alice J Mrs
2207 Hawkins Harold C
2208 Hulsey Bonnie A Mrs
2209★Pence Joyce A Mrs
2210★Streich Frank W
2213 Wheeler C Marie Mrs 359-1771
2214 Butler Charles T 357-6806
2215 Vacant
2216 Lakin Karen 352-0389
2219 Vacant
2220★Cook Janet S Mrs 357-2509
2221★Davis Charles L
2222 Douglas Larry
2225★Jones Geneva A Mrs
2226★Porras Arth
2227★Almon Robt E
2228 Vacant
2231 Jackson Bea Mrs
2232 Roddy Elsie K Mrs 353-2997
2233 Vacant
2234★Duzan Jean K Mrs 357-3463
2237 Perry Danl J
2238 Beavers Joseph D 357-4942
2239 Losee Walter J 357-2640
2240★Tygum James L 352-0639
2243 Deffendall Gordon R 356-5609
2244★Turner Linda K
2245 Maple Warren W 356-0145
2246 Hancock John W 356-7510
2249★Latham John
2250 Mc Kinney Gary L 356-9618
2252 Vacant
2256 Ryan Martha 353-2721
2258 Begley Otis J 359-5258
2262 Andrews Carolyn
2264★Moffatt Fred D
KENYON ST INTERSECTS

424
AGNES ST —FROM 940 W NEW YORK NORTH

ZIP CODE 46202
VERMONT AV INTERSECTS
324 Bright Wm H Company Inc 639-4551
PETTIJOHN INTERSECTS

426
MICHIGAN INTERSECTS
NORTH INTERSECTS

907
ALABAMA ST N —FROM 300 E WASHINGTON NORTH

ZIP CODE 46204
COURT INTERSECTS
15 Park & Lock Parking Lot
MARKET INTERSECTS
50 City County Bldg (Side Ent) (FOR OCCUPANTS SEE 200 E WASH)
WABASH INTERSECTS
131 Borden Milk & Ice Cream Co (Ice Cream Div) 353-1471
136 Anthony Wayne Parking Corp
155 Stachler's Grille 637-0950
202 Indiana State Museum 633-4948

WILHELM
F. A. WILHELM CONSTRUCTION CO., INC.
General Contractors and Builders
Industrial Commercial Masonry
P.O. Box 516, 3914 Prospect St., 46206
Tel. 359-5411

R & R CONTRACTING
SEAMLESS GUTTERS
Tel. (317) 783-9486
1747 Asbury St.

standard paints
1502 S. Keystone Av.
Indianapolis, Indiana 46203
Tel. 783-6661

A FULL SERVICE BANK
MERCHANTS NATIONAL BANK & TRUST CO.
OF INDIANAPOLIS
COMPLETE BANKING AND TRUST SERVICES
TELEPHONE 638-2461
42 Banking Offices

N ALABAMA ST—Contd
MIAMI INTERSECTS
220 Indianapolis Printing Co Inc 634-8388
230 Denison's Parking Lot
235 City Fire Dept Hdqtrs (Side Ent)
Municipal Garage (Side Ent)
910
E NEW YORK INTERSECTS
305 Economy Plumbing Supply Co 637-5324
310 Massala Apts
Bsmt Vacant
1★Odle James H
2★Arnett Margt M
3 Vacant
4 Vacant
5 Wettrick Geo A 635-4154
6 Vacant
7 Belcas Peter G 638-5923
8 Holthaus Helen M 631-9541
9 Roberts Maunia L 636-3208
10 Teall Lena Mrs 634-1958
11 Canady Julia M
12 Beck Doris I Mrs 634-5117
14 Bintz Viola Mrs 635-1777
15 Loper Forrest
(FOR APTS 16 THRU 21 SEE 341 MASSACHUSETTS AV)
22★Van Ness Clifford
23 Cummins Lilly M 638-7479
24 Vacant
25 Little Maree M 634-6269
26★Rardin Clyde 635-2133
27 Jones Raymond G 637-3043
28 Lorenz Ralph J 639-0212
29 Vacant
(FOR APTS 30 THRU 35 SEE 341 MASSACHUSETTS AV)
316 Vacant
318½ Apartments
1 Spratt Mary L 634-5268
2 Long Harland D
3 Vacant
4 Vacant
320½★Lydon John P 635-8954
333 Sears Roebuck And Co dept store 636-5381
ALABAMA INTERSECTS
E VERMONT INTERSECTS
MASSACHUSETTS AV INTERSECTS
402 Sears Roebuck And Co (Serv Sta) 635-9571
412 Devonshire The apts
Bsmt Mosley James H 638-5851
101 Mc Intire Benita Mrs 632-8722
102 Weaver Gladys J Mrs 639-2976
103 White Naomi O Mrs 632-6669
104 Heinecke Milton F 637-9537
105★Burgman Mazie E 636-1141
106 Hollander Goldie G Mrs 636-7666
107 Vacant
108★Gist Josephine W Mrs 638-7633
109 Barker Doris J 636-5850
110★Osborn B
111 Angrum Mary
112 Vacant
201 Garner D Esther 634-4620
202 Koras Therese Mrs 634-8038
203★Aden S N
204★Kryzak Lynn A 636-4023
205 Vacant
206 Vacant
207 La Force Helen B
208★Granville Sandra
209 Brown Edith M 637-7664
210 Petty R D 635-7767
211 Bennett Zinea Mrs 634-2961
212 Schuller Frank
301 Vacant
302★Smith R
303★Clark B J 631-3355
304 Vacant
305★Mc Andrews Michl
306 Bridgman Otto H 631-6425
307★Derr M
308 Haughee Gladys L Mrs 639-6003
309 Vacant
310 Greene Marguerite Mrs 634-9848
311 Calvin Lyda L 637-3779
312★Stewart B
EDEN PL INTERSECTS
418 Chambers-Ring Plumbing & Heating Co Inc 634-8301
418½ Apartments
1★Jones Edw G 636-7514
2 Vacant
3★Holcomb C R
420 Vacant
425 Labor Pool Inc emp agcy 639-5328
426 Ryker Dental Depot Inc sup 637-4507
430 Bob's Sixty Six Service 637-9410
E MICHIGAN INTERSECTS
521 Murat Temple (Parking Lot)
433
ZIP CODE 46202
600 Riley Center real est management 635-3300
American Fletcher National Bank & Trust Co (Br) 633-2540
Venus Advertising Dv Of Venus Arts Inc 634-5311
Fountain Terrace Apts Tower 2 (Riley Center) 635-3300
500 Jones G L 631-0536
502 Schlechte John V 637-7638
503★Daugherty Steph 635-9207
504 Greer Henry L 631-1537
505 Meier M S 635-2390
506★Thalman S 632-4983
600 Davis Lewis 638-7882
602★Surface J Mrs
603 Larkey E A 634-9057
604 Whiteside Dorothy H 638-3869
606 Oldham Agnes 632-4196
700 Vacant
702 Bezirian Harry A 635-1148
703 Craig Pauline P 636-0379
704 Callahan Arth J 638-7764
705 No Return
706 Wenz C S 638-6774
800★Quinn Michl J 638-2844
802★Mc Nulty T
803 Alden Fredk A
804 Bruno Charles S 638-7158
805 Vacant
806★Pile Roy J 636-0096
900 Ewry Mary L 639-1685
902 Kerr Dessie 632-6135
903★Pope Roy Jr 635-8103
904★O'Hara M J 638-1209
905 Dulin D G 635-6897
906 Ledyard C E 632-0264
1000 Scott Edith D 631-1148
1002 Stafford David C 637-8238
1003 Vacant
1004★Dickhaus Gary M 634-5311
1005 Griffith Marian L 632-0308
1006★Imel Lloyd 632-7902
1100 Troutt Martha L 637-8294
1102 Kirkpatrick Vivian 631-3841
1103 Lafferty Melvin D
1104 Montemayor I D 631-1790
1105 Vacant
1106 Williams Marie L Mrs 637-9543
1200★Zaleski Dobis
1202★Powell C L 631-6455
1203 Proctor David M III 638-5709
1204 Haueisen Arth A 632-6245
1205 Ringer Willard A 635-7257
1206★Sibbach Mary 635-6821
1300 Brownlee Margt L 638-0582
1302 De Mars Lillian 636-2197
1303★Hunter Nelson G 637-7015
1304★Richardson H
1305 Johnson M N 637-7221
1400 Evans R O Mrs 635-9332
1402 Adomatis Richd E 635-8589
1403 Sinders Robt L 638-6284
1404 Stanley Stacey C 632-1294
1405 Perry Walker 635-8057
1406★Brackin Earl R 638-2228
1500★Mc Faddin C M 631-5613
1502★Goldberg Charles W
1503★Rapp D
1504 Winchell J R 632-8912
1505★Drumm Peter 638-1610
1506★Dunkle D A 638-4256
1600 Vacant
1602 Hopson Geo M 637-9137
1603 Murphy Thos J 635-3418
1604 Vacant
1605★Markey C
1606 Salb Richd M 639-9719
1700 Beebe J A 639-2050
1702 Iverson Wm 638-5315
1703★Anderson Steph 635-5087
1704★Cosby Wm 635-8198
1705 Arterburn N F 635-2868
1800 Vacant
1802★Bradley L
1803★Creek W
1804★Newton L 638-9455
1805 Vacant
1900 Vacant
1902 Vacant
1903★Rembusch F Richd 635-7995
1904★Lowenthal M 636-0600
1905 Alberty V 637-4965
2000★Bubb Geo W 635-5683
2002 Burns Geo J 631-3348
2004 Winston Martin 632-5738
2100★Lamber C Kurt 636-4908
2102 Haight Laura E Mrs 636-5193
2103 Vacant
2104★Clayton David L 631-4242
2105★Gregg J
2200 Kaye Arth W 636-9687
2202 Lilly Eli (Meeting Rm)
2203★Courtesy Apt
2204★Sharpe G E
2205★Boyd Ralph 635-3620
2300 Houle Jeffrey 637-9950
2302 Wilson Wm E 634-1190
2303 Lilly Eli (Meeting Rm)
2304 Andrew Wm E 632-5557
2305★Shulke B
2400★Cordingley Antoinette 635-3617
2402 Vacant
2403 Stein Rita F 636-6838
2404★Wolff J
2405 Sparling Virginia V 632-7067
2500 Barker A F
2502 Frawley John F 638-6128
2503 Rowe M 631-1013
2504 Bryner Iona H 638-4380
2505 Underwood Roy L 636-8649
2600 White Doris E 636-4615
2602 Blanchar Carroll H 634-1144
2603 Smith Wilburn E 637-5045
2604 Peterson Betty L 631-3398
2606 Vacant
2700 Davies Richd L 637-9127
2702 Mc Cormick E F
2703★Tibbetts P
2704 Lowe Robt J
2800★Todd R
2802 Cline E L 639-1729
2803★Ginnsz Adele M 632-4138
2804 Moenning M E 631-0128
2900 Lilly International
2902 Hawkins Debbie E 631-4178
2903★Goacher Donald C 638-2177
2904 Davis John T 631-2657
3000 Vacant
3002 Vacant
615 English Foundation Bldg 634-7497
Bsmt Mary's Cafeteria 631-1288
Bsmt English Foundation Bldg (Conference Rms)
Rooms
104 Marion County Heart Association 634-3933
107 Indianapolis Speech & Hearing Center 635-4469
Speech & Hearing Center (Addn Rm)
109 Indpls Speech & Hearing Kindergarten Room
110 Community Service Agency For The Deaf 631-5477
111 Indpls Speech & Hearing Center Observation Room
112 Indiana Heart Association 634-4464
119 English Wm E Foundation 634-7497
119 Indianapolis Foundation The 634-7497
122 Indianapolis Legal Aid Society Inc 635-9538
131 Boy Scouts Of America Cross Road Of Am Council Inc 634-7391
210 Family Service Association Of Indianapolis 634-6341
216 Social Health Assn Of Indpls & Marion County 638-3628
221 Marion County Muscular Dystrophy Foundation 632-8255
222 Indiana Multiple Sclerosis Soc 634-8796
227 Consumer Credit Counseling Serv Of Central Indiana budget serv 632-4501
230 Camp Fire Girls Inc Central Indiana Council 634-3351
235 Hoosier Capital Girl Scout Council Inc 634-8393
306 Visiting Nurse Association Of Indianapolis 635-8501
312 Children's Bureau Of Indianapolis Inc 634-6481
325 Planned Parenthood (Addn Space)
328 United Cerebral Palsy Of Central Indiana Inc 632-3561
328 United Cerebral Palsy Of Indiana Inc 632-3561
331 Planned Parenthood Center (Addn Rm)
332 Planned Parenthood Center 634-8019
335 American Lung Assn Of Central Ind Inc organization 634-5864
335 Jameson Julia Health Camp For Children Inc 635-4530
410 Community Serv Council Of Metropolitan Indpls Inc 634-4311
412 Jewish Community Relations Council 637-2473
412 Jewish Welfare Federation 637-2473
410 Community Service Council 634-4311
419 Indiana Conference On Social Welfare 631-3455
421 Happy Hollow Children's Camp Inc 638-3849
426 United Way Of Greater Indianapolis Inc 639-1451
426 United Fund Of Greater Indianapolis 639-1451
650 Iron Horse Tavern 634-2616
700 Indiana Academy Of Family Physicians 637-2486
Riley Center Pharmacy & Food Mart gro 632-6528
Fountain Terrace Apts Tower 3 (Riley Center)
G100 Bulen L Keith
G102 Activities Apt (Recreation Rm)
G103 Brewster Derrick
G104 Ewers Joseph R 631-0578
G105 Smith J M Rev 637-1271
G106 Riley James R 637-8470
G107 Raikos Margt J Mrs
G108 Robinson Earle U Jr 638-6233
200 Uhl R A 637-3922
202★Kearsley D 631-5791
203★Davis Helen 636-1291
204★Arnold M
205 Neese A A 634-7786
206★Tribbett D J 632-1877
207★Meyer M
208★Baughman J A 632-4228
209 Grove Reva L 634-3237
210★Hehner Ned 635-8277
211★Freeland C
212 Frey W B 631-6479
400 Curran Charles E 635-3261
402★Malin James F 635-4088
403 Koesters Emma C Mrs 636-6030
404 Mc Creight Linnie 631-5943
405 Blakey L
406 Burke Ernie S 639-2852
407 Thomas Alice J 637-3844
408 Schroeder Laura M 631-4384
409 Bilyeu Robt O
410★Morse Jo 636-8397
411 Book Kath 637-4133
412★Greer F E 636-1802
413 Mason I V 635-2042
414 De Prez Lucille 638-4401
415 Zeigler Lena Mrs 632-9228
416 Zimmerman Franklin K 635-5639
500 Pipher Delsie J 638-3677
502 Lilly Eli (Meeting Rm)
503★Stock W
504★Martyn Juanita 634-7087
505 No Return
506★Woods Liesel Mrs 635-5060
507 Wilcoxon Leota M 635-5118
508 Stark A L 638-1267
509 Kenney Franklin J 631-1875
510 Thornton G W 637-3237
511 Wampler L E 635-7388
512 Hale Leo D 635-3921
513 Bockstahler Suzanne I 632-2371
514 Vacant
515 Bean Walter D 639-6080
516★Miller R J
600 Vacant
602★Higgins E C 635-4123
603★Meisburg M M 635-3765
604 Johnson Willie M 635-9127
605★Carlisle E
606 Lilly Margt 634-9615
607★Hannan J
608 Vacant
609 Cowley Lillian H Mrs 631-9327
610 Vacant
611 Lang Norman F 632-2823
612 Cook Russell Jr 638-5070
613 Hariston M D
614 Vacant
615 Abel Bonding Co (Addn Ofc)
616 White Arth E 634-0188
616 Schreiber Robt J 634-0188
700 Millis Frank T 634-6101
702 Lilley Eli (Addn Rm)
703 Hanger C
704 Griffith Margt M 636-9146
705 Cochrane Robt L 635-2784
706 Vacant
707 Ohman Helen 637-7909
708★Burkhart Randall R 637-2148
709 Velvick Bernice
710 Hatfield Gorde 636-8835
711 First Of Michigan (RM)
712★Williams M
713★Paddock M
714 Rader Joan D 638-9756
715★Stephens C
800 Lilly Eli (Addn Space)
802 Simon L S 635-8628
803 Vacant
804 Vacant
805 Vacant
806★Lacy M A 638-0783
807 Woods B M 631-2062
808 Whitmore Phyllis A Mrs 636-5771
809★Poland R
810 Vacant
811 Guthrie Mary I 636-8224
812 Steed Hazel M 637-7186
813★Taber J
814 Vacant
815 Lilly Eli (Addn Space)
816 Lilly Eli (Addn Space)
900★Rugge Raymond A 637-3906
902★Eckert Mary A 631-8968
903 Vacant
905★Lucy John A 637-7460
906★Lang H K 638-1813
907★Kettelson Linda 631-9237
908 Pitcher Susan C 638-9879
909★Richey Alf 637-8289
910 Bowles Mira 638-0982
911 Miller Max B 631-4009
912 Vacant
913★Lewis L
914★Reid C C 638-4715
915 Lilly Eli (Addn Space)
916 Anderson Eric 635-3111
1000 Knox Ernest 634-6186
1002 Heuston Leslie G Rev 634-9300
1004 Boyd Helen C 631-2238
1005 Kelley H J 632-0335
1006 Vacant
1007 Wolfe Linda G 632-9911
1008 Mc Grayel Mary E 639-2101
1009★Miller Mari
1010★Lee C
1011 Vacant
1012 Grant E W 631-6315
1013 Stadler Louise M 635-6853
1014 Vacant

CONTINENTAL
HEATING & AIR CONDITIONING Inc.
FRANK J. STURNIOLO, PRES.
740 E. NORTH
● 24 HOUR SERVICE ● SANI-VAC CLEANING PROCESS
● STATEWIDE SERVICE ● ALL WORK GUARANTEED
TEL. 634-5956
HOLLAND

ADDISON ST S—CONTD
1037 WOLFE CHARLES W 634-5058
1041 BATTS IRA A ● 632-3704
1044 SWANSON PAULINE MRS ● 637-4697
1045 LAWSON HARMON 632-2996
1047 MAY JACK B ● 637-4945
---WILKINS ST INTERSECTS

S03

ADLER ST E -FROM 1813 S MERIDIAN EAST TO MADISON AV

---ZIP CODE 46225
13 BOWERS THELMA C ● 631-3805
14 VACANT
16 NO RETURN
18 ROSE VIRGIL B 639-1238
20 CARTER EDW O 637-5857
22 CARTER CONDEE 637-8150
24 CARTER WILSON L 637-2281
26 RABATHEY JABDUR S ●
30 MC CRARY IRMA MRS 637-9542
32 VACANT
34 COUCH BARBARA
36 THROCKMORTON SAML ● 631-5370
39 MILLS GIB
---UNION INTERSECTS
112 VACANT
114 WARDRIP NOAH 638-7936
116 NO RETURN
118 MC INTOSH DENNIS
124 ROBERTSON JOE T ● 631-6793

462

ADLER ST W -FROM 1826 S MERIDIAN WEST TO SENATE AV

---ZIP CODE 46225
---ILLINOIS INTERSECTS

490

ADMIRAL DR -FROM 6140 E 21ST NORTH AND EAST TO N KITLEY

---ZIP CODE 46219
2113 DAUGHERTY RICHD A 353-1388
2114 GOLDEN JERRY W 353-1634
2115 HOLSAPPLE LOUISE A MRS 356-6223
2116 RAFTERY CHARLES G 353-0493
2118 HURST FRANKLIN
2120 NO RETURN
2128 VACANT
2130 MONTGOMERY JOSEPH
2134 BROWN WINTON 356-7941
2136 DOUGHERTY RUSSELL
2137 SCHAFER ROBT P 356-7670
2138 RANDOLPH BERNICE 356-0733
2139 VACANT
2140 HOUK HERSHEL S 357-5647
2143 SCHRECKENGOST ELLEN H 357-3298
2144 NO RETURN
2145 GLEN MELVIN L
2146 DAVIS FAXTON 356-2229
2149 BLEOSOE JACK B
2150 NO RETURN
2151 HUNT WM E 357-5192
2152 DAY ROSEMARY 353-0217
2155 JAMES KENNETH G
2156 OSBORNE LARRY 356-6540
2157 HARRISON VIVIAN 357-5071
2158 VACANT
2161 DAVIS ROY E 353-2936
2163 BASHUM SLYVIA MRS
2201 KINGS ROBT C 356-3598
2202 FORD DON L
2203 SMITH CHARLES O 356-5175
2204 CRANDALL RICHD M 359-7208
2207 MC GRATH JULIE A 356-2110
2208 BOSCH DUBROCH E M 359-6845
2209 VACANT
2210 VACANT
2213 WHEELER C MARIE MRS 359-1771
2214 VACANT
2215 WHEELER GEO S 359-6627
2216 FORD JOHN
2219 COLLER RUSSELL J 356-1238
2220 BURTON BETTY MRS
2221 MAY THEO
2222 NO RETURN
2225 GILBERT PIERSON R 357-2963
2226 ECKERT PAUL G 356-1882
2227 ROGERS BEATRICE H MRS 356-7912
2228 COPLEY ARSEL
2231 NO RETURN
2232 PARR RICHD L 359-4953
2233 NO RETURN
2234 PEDRAZA ALVARA
2237 PERRY DANL J
2238 PEDRAZA VICTOR 356-5861
2239 NO RETURN
2240 NO RETURN
2243 SHOPPELLE STEVE L
2244 NO RETURN
2245 MAPLE WARREN W 356-0145
2246 HANCOCK JOHN W 356-7510
2249 SUTTON RAY
2250 VACANT
2252 HUDSON CHARLES E 357-5992
2256 VACANT
2258 ROMANOVICH BASIL W 356-3907
2262 WOLVERTON R LEE
2264 HEISSERMAN JUDITH A 359-8541
---KENYON ST INTERSECTS

424

AGNES ST -FROM 940 W NEW YORK NORTH

---ZIP CODE 46202
310 VACANT
324 BRIGHT WM H CD INC 639-4551
328 UNDER CONSTN
---VERMONT AV INTERSECTS
436 CODK WILLIE M ● 635-9146
438 VACANT
---PETTIJOHN INTERSECTS
451 UNDER CONSTN
453 UNDER CONSTN
454 GRISHAM RICHD
455 UNDER CONSTN
456 CLAYPOOL MC KINLEY ● 635-5864

426

---MICHIGAN INTERSECTS
---NORTH INTERSECTS

907

ALABAMA ST N -FROM 300 E WASHINGTON NORTH

---ZIP CODE 46204
---COURT INTERSECTS
17 TRIANGLE UNDERWRITERS INC INS AGCY & BONDING 632-2711
BIGSBEE ROBT BAIL BONDS
17½ A A A BONDING AGENCY INC BAIL BONDS 637-7182
19 ALABAMA BONDING CO 638-1161
19½ JONES JOHN S BAIL BONDS 631-0058
23 ALLIED BONDING AGENCY 638-4567
25 HOLLYWOOD BONDING & INSURANCE AGENCY 637-7445
33 INDIANAPOLIS PARKING CORP 637-0430
---MARKET INTERSECTS
50 CITY COUNTY BLDG (SIDE ENT)
---(FOR OCCUPANTS SEE 200 E
---WASH)
101 VACANT
103 ATHENS IMPORTED FOOD PRODUCTS 632-0269
105 BLUM DONALD H & ASSOCIATES BAIL BONDS 636-2328
107 STATE AUTOMOBILE LICENSE BUR BR NO 155 634-6615
109 GRAY GRACE UNIFORM MFRS 632-4896
115 MALLORY AUTO PARKS
---WABASH INTERSECTS
127 BORDEN MILK & ICE CREAM CO (ICE CREAM DIV) 353-1471
136 INDIANAPOLIS PARKING CORP
152 EXTRA PRESS PRNTRS 638-3188
154 HOLIDAY BARBER SHOP
155 STACHLER'S GRILLE 637-0950
202 INDIANA STATE MUSEUM 633-4948
215 SCOTT C M CO THE APIARY (BEE) SUPPLIES 637-4916
217 SUPERIOR DISTRIBUTING CO INC HOW 637-5339
---MIAMI INTERSECTS
220 INDIANAPOLIS PRINTING CO INC 634-8388
223 EXECUTIVE FURNITURE 632-8456
SIDMAN OFFICE EQUIPMENT CO 632-8456
230 PAVY'S PARKING LOT (SIDE ENT)
235 CITY FIRE DEPT HDQTRS (SIDE ENT)
MUNICIPAL GARAGE (SIDE ENT)

910

---E NEW YORK INTERSECTS
303 VACANT
305 ECONOMY PLUMBING SUPPLY CO 637-5324
310 MASSALA APTS
8SMT VACANT
1 BRYANT ZULA L MRS
2 SUMMERS GLADYS H MRS 635-8936
3 BULLEN ELZA
4 COLLYER MARY F MRS 635-4671
5 SMITH JENNIE M MRS 635-8963
6 EAGLIN EDW H
7 BELCAS PETER G 638-5923
8 HOLTHAUS HELEN M 631-9541
9 KIRK MYRTLE J
10 TEALLE LENA MRS 634-1958
11 O'GEARY JOHN J 634-9541
12 BECK ODRIS I MRS 634-5117
14 BINTZ VIOLA MRS 635-1777
15 MATHEWS LENA
---(FOR APTS 16 THRU 21 SEE
---341 MASSACHUSETTS AV)
22 BAILIFF ERNEST 634-1860
23 MARSHALL J MAXINE
24 BOWMAN RUTH
25 LITTLE MAREE M 634-6269
26 WAGNER MARGT MRS
27 ORUM JAMES O 634-1857
28 KINNEY JOHN
29 WALLACE JAMES L
---(FOR APTS 30 THRU 35 SEE
---341 MASSACHUSETTS AV)
315 SEARS ROEBUCK AND CO (GARDEN SUPS)
316 VACANT.
318½ APARTMENTS
1 HIGHAM CLARENCE 631-2432
2 VACANT
3 KIZZIE ARNOLD
4 VACANT
320½ KELLY APARTMENTS
1 ORR LESTER
2 BROWN HENRY JR
3 SACKS FREO
4 HAMMOND RUSSELL
333 SEARS ROEBUCK AND CO DEPT STORE 636-5381
---E VERMONT INTERSECTS
---MASSACHUSETTS AV INTERSECTS
402 SEARS ROEBUCK AND CO (SERV STA) 635-9571
412 DEVONSHIRE THE APTS
8SMT MOSLEY JAMES H 638-5851
101 MC INTIRE BENITA MRS 632-8722
102 WEAVER GLADYS J 639-2976
103 WHITE NAOMI
104 HEINECKE MILTON F 637-9537
105 VACANT
106 HOLLANDER GOLDIE G MRS 634-7273
107 WALKER DOROTHEA E 635-1002
108 CHAPMAN LUCILLE
109 WETTRICK GEO A 635-4154
110 GAGE MERLE E 635-8300
111 MC GLYNN WM F 634-1055
112 KRITSCH ESTHER J MRS
201 GARNER DELIA E 634-4620
202 KORAS THERESE MRS 634-8038
203 BUSH EVA M 632-7280
204 WILLIAMS GRACE D 634-8183
205 VACANT
206 MILNER MARCELLA A 635-7160
207 WELLS BEATRICE M
208 BENSON HAZEL S MRS 631-2852
209 MACK RUSSELL
210 PETTY R
211 BENNETT ANNE MRS 634-2961
212 SCHULLER FRANK
301 GOOCH MARY L 635-2683
302 REMLEY ANNA MRS 635-5279
303 MANGIN MARIE L
304 VACANT
305 DUNLAP ELSIE J MRS 635-2108
306 BRIDGMAN D H
307 VACANT
308 HAUGHEE GLADYS L MRS 635-9178
309 BURGMAN MAZIE 636-1141
310 GREENE MARGUERITE MRS 634-9848
311 SEATON EARL C 637-6095
312 VACANT
---EDEN PL INTERSECTS
418 CHAMBERS-RING PLUMBING & HEATING CO INC 634-8301
REAR HARRIS MARTIN
418½ APARTMENTS
1 TENNIS RUDOLPH 638-1722
2 ELMORE WM
3 HUBBARD CHARLES 635-3350
420 STREEVIL MICHL
WILLIS CHARLES
423 MODERN VENDING CO INC 634-8468
426 RYKER DENTAL DEPOT INC SUP 637-4507
430 BOB'S 66 SERVICE GAS STA 632-0045
433 AMERICAN LINCOLN DIV BONNIE CHEMSPEC INC WAX 637-1554
---E MICHIGAN INTERSECTS
521 MURAT TEMPLE (PARKING LOT)

433

---ZIP CODE 46202
600 ALUMINUM COMPANY OF AMERICA SLS DIV 639-3464
RILEY CENTER INC REAL EST MANAGEMENT 635-3300
AMERICAN FLETCHER NATIONAL BANK & TRUST CO (BR) 633-2540
FOUNTAIN TERRACE APTS TOWER 2 (RILEY CENTER) 635-3300
500 SEREN A C 637-8190
502 SCHLECHTE J V
503 VACANT
505 SIMMONS J T
506 KINZIE RUTH A 634-3841
600 DAVIS LEWIS 638-7882
602 COOKE HELEN E 635-6089
603 CHANDLER GEO V 635-2381
604 WHITESIDE DOROTHY H 638-3869
605 GINNSZ ADELE M 632-4138
606 VACANT
700 SHELDON ELEANOR C 635-1682
702 BEZIRIAN H A 635-1148
704 CALLAHAN ARTH J 638-7764
705 LINCOLN YVONNE M 634-9414
800 SAGE CHARLES V 636-0811
802 CASEY M E 636-7246
804 BRUNO CHARLES S 638-7158
805 STEWART H O
806 STEIN RITA F 636-6838
900 SMITH ROBT C 638-0221
902 LAMBERT JACQULINE 638-0318
904 BRENNAN S M 635-8356
905 DULIN D G
906 LEDYARD C E 632-0264
1000 BOSTON MARY E 636-8607
1002 HEUSTON HARRY G 638-0987
1003 TWENTE ROBT A 635-5718
1004 BAKER TOM L 638-7463
1005 GRIFFITH MARIAN L 632-0308
1006 MC DANIEL E R 634-1155
1100 TROUTT MARTHA L 637-8294
1102 KIRKPATRICK VIVIAN 631-3841
1103 WARREN ROBT C 634-9840
1104 MONTEMAYOR I O
1105 WANDEL WM G 634-8627
1106 WILLIAMS MARIE L 637-9543
1200 FORD FRANCIS M 631-1148
1202 SCOTT E O
1203 SCHORT GEO W 636-5874
1205 RINGER WILLARD A 635-7257
1206 MOORE WM 631-1870
1300 BROWNLEE MARGT 638-0582
1302 DE MARS L A
1303 HUNTER N G
1305 HEISLER SYLVIA T 636-7948
1400 RYAN FRANK C MRS 639-1968
1402 PORTER A T 637-6931
1403 VACANT
1404 STANLEY STACEY C 632-1294
1405 MANN D J
1406 OHLEYER LORETTA MRS 638-9230
1500 HOWE RUSSELL B 634-9787
1502 LAHR P A
1503 PENTECOST S E 631-7830
1504 MC CALL C L 634-5658
1505 LETH THOS O 631-7131
1506 DUNKLE D A
1600 MC NALLY JAMES J 631-8008

FRED A. BECK CO., INC.
WHOLESALE LIQUOR DEALERS
1934 N. Illinois
Tel. 925-5371

HANNER'S APPLIANCE SERVICE, Inc.
PARTS AND SERVICE FOR ALL FRIGIDAIRE APPLIANCES
"INDIANAPOLIS' ONLY FACTORY AUTHORIZED SERVICE STATION"
SERVICE BY FACTORY TRAINED TECHNICIANS SINCE 1946
SERVICING THE METROPOLITAN AREA"
1330 N. ILLINOIS ST.
TEL. 634-1474

ELTON H. BROOKS, Manager
Tel: 257-1261
2021 East 52nd Street Indianapolis
THE MANUFACTURERS LIFE INSURANCE COMPANY
HEAD OFFICE (Established 1887) TORONTO, CANADA

ANDERSON HAULING CO.
LOCAL — LIGHT TRUCKING
RUBBISH AND TRASH REMOVAL
We'll Clean it Up
841 Camp St. (2)
Tel. MElrose 5-0086

SUPERIOR CHEVROLET
CHEVROLET
552 E. WASHINGTON (4)
PASSENGER CARS — TRUCKS — OK USED CARS
COMPLETE PARTS AND SERVICE
MElrose 5-3315

ALABAMA N—Contd
5-7 Larman's Furn Co (side ent)
11 AAAAA Bail Bond Co ME5-9010
AAAA Ins Co ME5-9010
15 Eleventh Dist Am Legion Auto Licence (Br 455) ME4-6615
Court intersects
19 Davidson S R Bonding Co ME6-2421
19½ Barnes Ross Co Inc adv ME5-3131
23 Allied Bonding & Insurance Agency ME8-4567
25 Hollywood Bonding & Ins Agcy bail bond ME5-4045
33-35 Indpls Parking Corp ME7-0430
Market intersects
50 **City County Bldg** (For occupants see 200 E Wash)
101 Mkt Tavern
103 Athens Imported Food Store ME2-0269
105 Blum Donald H bail bonds ME6-2328
107 Cash & Carry Paper Co ME2-2651
109 Gray Grace uniform mfrs ME2-4896
111-13 Vacant
115 Cash & Carry Paper Co Inc (stge)
117-17½ Vacant
119 One Nineteen Bar Inc ME2-0027
119½ Vacant
121 Mkt Paper Co whol ME7-2600
121½ Mahan Hotel Batch Lucy ME2-3112
123 Ziko Jack auto body repr
Wabash intersects
127-33 Borden Co (ice cream div) ME3-3451
136-44 Indpls Parking Corp
152 Vacant
154 Holiay Barber Shop
155 Stadler's Grille ME7-0950
201 Avis Truck Rental Serv ME2-5325
202 Vacant
215 Scott C M Co apiarist sups ME7-4916
217-21 Superior Distributing Co Inc bldg materials ME7-3062 ME7-5389 ME7-5330
220-22 Indpls Printing Co ME4-8388
Miami intersects
223 Sidman Ofc Equip Co ME2-3964
230 Greer Parking Lot (side ent)
235 City Fire Dept Headquarters (side ent) 2B6
New York intersects
303 Bass Millard
305-11 Economy Plmb Sup Co ME7-5324
310 **Massala Apts**
bsmt Blackwell Robt
1 Foreman Cath J Mrs
2 Summers Gladys H Mrs ME5-8936
3 Ends Cath M Mrs ME5-6176
4 Collyer Mary F Mrs ME5-4671
5 Smith Jennie M Mrs ME5-8963
6 Kinney Saml M Mrs ME5-6041
7 Beleas Peter G
8 Hothaus Helen M ME1-9541
9 Adkins Herbert R ME4-2626
10 Teall Lena
11 O'Geary John J ME4-9541
12 Beck Doris J Mrs
14 Rintz Viola Mrs ME5-1777
15 Thompson Tessie Mrs ME4-5933
22 Bailiff Ernest ME4-1860
23 Reiner Clara L
24 Christian Lydia K Mrs ME5-4151
25 Little Maree M ME4-6269
26 Wagner Margt ME5-2133
27 Drum Jas O ME4-1857
28 Dunning Inez M Mrs ME7-2688
29 Wynhoff Geraldine G Mrs ME5-1883
315 Sears Roebuck and Co (garden sups)
316 **Brandt The** apt (for occupants see 351½ Mass av)
318½ **Apartments**
1 Clough Chas E
2 Vacant
3 Vacant
4 Engelhart Edwin
320 Vacant
320½ **Crawford The** apts
1 Orr Lester D ME4-2864
2 Brown Henry jr
3 Dilk Geo W
4 Hammond Russell
333 Sears Roebuck and Co dept store ME6-5381
Vermont intersects
Massachusetts av intersects
402 Sears Roebuck and Co gas sta ME5-9571
412 **Devonshire The** apts
bsmt Mosley James ME8-5851
101 Greeman Pearl R Mrs ME5-8969
102 Folp Margt ME5-2929
103 McIntire Bonita Mrs ME2-8722
104 Helmele Milton F
105 French Helen G ME4-8014
106 Hollander Goldie G Mrs
107 Walker Dorothea E ME5-1002
108 Chandler Galelah P ME4-9001
109 Hain Isabell Mrs
110 Stodgill Mildred E ME4-5180
111 McGlynn Wm F ME4-1055
112 Kritsch E J
201 Garner Delia E ME4-4620
202 Koras Thos P ME4-8038
203 Bush Eva M ME2-7280
204 Williams Grace D ME4-8183
205 LaForce Helen B ME5-9728
206 Milner Marcella A ME5-7160
207 Webb Mabel ME4-3920
208 Benson Hazel Mrs ME1-2852
209 Platt Ralph E ME4-1705
210 Bellamy Helen ME1-5750
211 Bennett Anne Mrs ME4-2961
212 Mahan Mildred ME4-8925
301 Gooch Mary L ME5-2683
302 Remley Anna M Mrs ME5-5279
303 Palmer Edith L Mrs ME4-6125
304 Snider Harry E ME5-0159
305 Dunlap Elsie J ME5-2108
306 Bridgman Otto H ME5-9081
307 Sharp Genevieve ME4-4749
308 Haughee Gladys L Mrs ME5-9178
309 Strack Verna Mrs ME4-9058
310 Greene Margt Mrs ME4-9858
311 Seaton Earl C ME7-6095
312 Criswell Frank ME5-5863
Eden pl intersects
418 Chambers Ring Plmb & Heating Co Inc ME4-8301
rear Harris Martin
418½ **Apartments**
1 Vacant
2 Herring Ann
3 Hubbard Chas
420 Chandley Larry G
426 Ryker Dental Depot Inc ME7-4507
430 Vacant
433 Calderon Distr Co Inc vending mach ME4-8468
Michigan intersects
500 Admiral Appliance Center hschold ME7-5557
510-16 Parking Lot
521-25 Murat Temple (Parking lot) 18B
North intersects
600 A F N B (br) ME9-5337
Hancock John Mutl Life Ins Co
Fountain Ter Apts Tower 2 (Riley Center)
615 **English Foundation Bldg** ME4-7497
Rooms:
104 Marion County Heart Assn (state ofc) ME4-4464
107 Indianapolis Speech & Hearing Center ME5-4470
108 Planned Parenthood Center ME4-8019
112 Ind Heart Assn (Marion County Committee) ME4-4464
119 Indpls Foundation ME4-7497
English Wm E Foundation ME4-7497
Indpls Hosp Development Assn Inc ME9-2339
122-26 Indianapolis Legal Aid Society Inc ME5-9538
134 Boy Scouts of America (Central Indiana Council) ME4-7391
210 Family Service Assn of Indpls ME4-6341
214 Arthritis & Rheumatism Foundation ME2-5593
216 Ind Assn for Retarded Children ME4-4311
218 Vacant
219 Social Health Assoc of Indpls & Marion County ME4-1311
221 Marion County Muscular Dystrophy Foundation ME4-4311
222-24 Indiana Chapter of The National Multiple Sclerosis Society ME4-8796
223 Ind DeMolay Foundation Inc ME4-3361
226-32 Central Ind Council of Camp Fire Girls Inc ME4-3351
235 Hoosier Capital Girl Scout Council Inc ME4-8393
306 Visiting Nurse Assn of Indpls ME5-8501
308 Association for Merit Employment Inc ME4-4311
309 Jewish Social Serv (side ent)
312-22 Children's Bur of Indpls Inc ME4-6481
319 Jewish Social Services ME4-7401
325 Pace Inc social serv ME4-4311
327 Storage rm
328 United Cerebral Palsy of Central Ind Inc ME4-4311
331 Marion County Assn for Mental Health ME4-4311
334 Ind Assn for Mental Health ME4-4311
335 Marion County Tuberculosis Assn ME5-4538
410 Community Serv Council of Metropolitan Indpls Inc ME4-4311
Social Serv Exch ME4-4311
412 Jewish Welfare Federation ME4-4311
Indpls Jewish Community Relations Council ME4-4311
418 Community Serv Library ME4-4311
419 Ind State Conference on Social Wk ME4-4311
421 Settlement Camping Inc ME4-4311
426 United Fund of Greater Indianapolis Inc ME9-1451
E Walnut intersects
700 Riley Center Pharm ME2-6528
Storey's Food Shop gro
Fountain Ter Apts Tower 3 (Riley Center)
707 No Return
721 Vacant
723 Huber Hunt & Nichols bldg contrs ME5-1567
StClair intersects
Ft Wayne av intersects
Arch intersects
816 Vacant
818 Huber Bob Confectionery
820 Mary's Cafe
820½ Mahoney Alma Mrs
822 Trout C Harold auto parts ME4-7724
822½ Rhodes Marie Mrs
824 No Return
825 Vacant
826 Bowles Russell A
828 **Apartments**
1 Stewart James J
2 Vacant
3 Holcomb Roscoe ME6-9748
4 Anderson Marcus E
5 Vacant
6 Wright Mildred E Mrs ME1-2227
7 Vacant
8 Jones Thos H
9 Stewart James
829-31 Vacant
832 Estep Christopher
Tabor Clarence E
9th intersects
Sahm intersects
908 Vacant
916 Baltus Albert A
917 Hughes James N
918 Owens Geo K ME4-9879
919 No Return
920 Semonole Hotel ME4-4690
921 Reynolds Johnny H ME6-2665
923 Gibson Clarence
924 Barbizon Cafe restr
925-27 Vacant
926 Vacant
StJoseph intersects
928 Davis June N Mrs ME5-1717
930 Kirkpatrick Nettie Mrs ME4-8777
932 Strohle Wesley O
933 Vacant
934 Schmader Margt V ME6-6718
936 Jackson Saml D ME5-2951
938 Duvall Blanche L Mrs
939 King Clyde ME4-2274
940-42 Barton Supply Co air conditioning equip ME4-4511
941 Goins Corbett L ME4-8291
Puryear intersects
942 John Emporium pool rm ME5-0977
943 Hargis Saul E
944 Harry's Bar ME4-9994
946 Pearl's Used Furnishings
947 Alabama Liquor Store ME4-8792
948-50 Triple Nickle Laundromat self serv
952 Lawson Wm E gro ME5-0048
10th intersects 4A
1001 Vacant
1003 Vacant
1005 Ward Stephen
1009 Vacant
1010 Jenning's Geo F
1012 Vacant
1012½ Vacant
1013 Trayler Lora M Mrs
1014 **Apartments**
1 Meadows Anthony
2 Reed Harry H
3 Herschel Starkey
4 Isom Leslie
5 Vacant
6 O'Neil Darleen
7 Vacant
8 Wrigley David
9 Vacant
10 Williams Wm M
1017 Hutton Geo W ME5-3987
1019 Hunter Addie M Mrs ME5-3987
1020 **Apartments**
4(B) Kent Dorothy
9 Jones Robt
10 Pike Robt A
11 Sells Thos
12 Milton Virgil
1021 **Apartments**
1 Hamilton Agnes
2 Harrison Leroy
3 Shephard Chester
4 Vacant
1025 Zink Emma L Mrs
1029 Chic's Regal Store gro ME4-0116
11th intersects
1100 No Return
1101 Duffy Robt C ME4-3015
1102 Vacant
1103 Knecht Lula Mrs ME1-4021
1104 Peters Lucille
1107 **Apartments**
1 Parrish Joyce
2 Esselborn Gene
3 Bradford Evelyn ME9-2756
4 Vacant
5 Vacant
6 Vacant
7 Schermerhot Robt
8 Kunin Sam
1108 Brown Emmett
Sizemore Dewey J
1110 Hicks Geo W
1111 Baker Grover ME5-5712
Brown Marshall
1115 Mansfield Harry R ME4-6020
1117 Dryer Mabel
1119 Birely Harry ME4-7139
1120 Clay Rupert
1125 Schwartz C Toba Mrs ME4-1954
1129 **Creighton Apts**
bsmt Kinchlow Philip ME5-6262
101 Turner Essie Mrs ME5-4728
102 McCormick May ME4-1123
103 Swain Grace Mrs ME4-0334
104 Crawford Marion L ME4-0375
105 Petty Ruby ME5-7767
106 Vacant
107 Boese Thelma R ME7-1014
108 Mueller Harry J
109 Brankle Edna
111 Molsberry Eardesta
114 Brown Helen L Mrs ME4-4289
115 Sheets Wayne
116 Barber Lucille ME4-8116
117 Olberg Jack
118 Watson Marshall
119 Brown Sarah
201 Ohm Geo B
202 Rokke Nella H ME1-7410
203 Trenary Carol
204 Key Mamie
205 Fannin John
206 Vacant
207 Price Marion M ME4-6761
208 Stephanus Ruby
209 Mazza Anthony ME6-0861
211 Bradley Louis E ME4-2669
214 Andres Margt J ME4-4217
215 Quint Tina ME2-2840
216 Creek Ella M
217 Divine Wayne E ME4-1085
218 Fines Roland
219 Fesko Ann
301 Groves Reba L ME4-3237
302 Cotinock Orlian
304 Thorpe Kenneth
305 Vacant
306 Vacant
307 White John
308 Shepherd Raleigh B
309 Nowling Hubert E ME1-0889
311 Powers Eliz G
314 Messarall Paul
315 Frison Wayne
316 Perkins Fred
317 Vacant
318 Bott Joseph L ME7-1226
319 Berry Morris
1132 Presbyterian Church USA Synod of Ind Committe of Natl Missions ME5-4446
Committee on Christian Educ Inc ME5-4446
1138 United Presbyterian Church USA Synod of Ind ofc ME5-4446
rear Cabiella Francesca Mrs
12th intersects
1201 Byrn Jennings B ME4-6731
1205 Roberts Richd E
1211 Cox Russell ME5-4274
1213 Medvecks Valeija F ME4-7909
1214-16 **Rob Roy Apts**
(A1) Harlan Chas R ME5-3884
(B1) Carpenter Eulis
(B2) Smith Sophia
(C1) Hoover Howard
(C2) Bowman Edgar M
(D) Turner Patricia Mrs ME5-8253
(E) Vacant
(F) Walker Bertha K
1215 McGarvey Kathleen R ME5-2165
1219 Hurt Stoy ME5-3264
1220 Dishman Wm E ME5-6113
1221 Neighbor Susie L Mrs
1223 Coddens Kenneth
1224 Vacant
1225-27 **Adelaide The** apts
(0) Dickens James
(1) Hilton Bobbie
(2) Bush Sam
(3) Thomas Frank P
(4) Merrifield Richd P
(5) McGarr Arnold

H. P. WASSON & CO.
INDIANAPOLIS' MOST COMPLETE DEPARTMENT STORE
2-18 W. Washington (4)
Tel. MElrose 8-8311

Look ahead . . . with Union Federal
expert home loan and insured savings account services since 1887
8 CONVENIENT LOCATIONS
Main Office 160 E. Market St. / Broad Ripple Branch 724 Broad Ripple Ave. / Devington Branch 6000 E. 46th St. / Irvington Branch 5646 E. Washington St.
Madison Ave. Branch 2554 Madison Ave. / Maple Road Branch 7 E. 38th St. / Speedway Branch 5910 Crawfordsville Rd. / Westlane Branch 7131 N. Michigan Rd.
UNION FEDERAL SAVINGS

BERNARD J. NIES — FREDERICK L. EGGERT — EDWARD L. WILTSEE

N. E. W. MASONRY REPAIR

"Guaranteed Building Repair Service"

The N.E.W. Co. — 5121 E. 25th St. — Tel. Liberty 7-1580

ADDISON N—Contd
261△Richardson Orville F ⓪
262△Watz Frank W ⓪
265△Catton Wm E ⓪
266△Cavaness Chas F ⓪
rear No return
266½△Scharbrough Fred R
269△Blevins Clarence ⓪
269½△Tefteller Wiley
270△Guire Jennie L Mrs ⓪
274△Fowler Malinda Mrs ⓪
275△Blevens Oakley ⓪
275½△Goodwin Jas R
278△Dowden Oren B ⓪
278½△Eusey Jennie
279△Legg Jas C ⓪
279½Vaughan Margt
281△Griffith Henry H ⓪
282△Barnes Chas L ⓪
New York intersects
301△Lambert Lawrence E gro
302△Farmer Lewis S ⓪
303½△Imhausen Thelma Mrs
303½Smith Mamie
305△Smith Harold C ⓪
306△McConaughy Gerald ⓪
309△Harrab Louis D ⓪
310△Perrine Alive Mrs ⓪
313 Botzum Sydney S
313½△Hybarger Anna Mrs ⓪
314△Kassler Austin J ⓪
317△Owen Chas E ⓪
318△Hickerson John O
320△Carroll Eva L Mrs ⓪
320½Swegman Henry
321△Johnson Francis M ⓪
321½Vacant
322△Branham John W
324△Williams John R ⓪
325△Whitsett Chas A ⓪
326△Walls Harry L ⓪
329△Ward Frank E ⓪
330△Basch Georgia Mrs ⓪
333△LittleJohn Eva Mrs ⓪
334△Quire Cora Mrs ⓪
△Hillman Herbert
△Marsh Fred
335△Lutz Herman G ⓪
337 Opp Franklin E ⓪
340△Hyten Gene T
341△Tompkins Gilbert ⓪
344△Montgomery Raymond E ⓪
345△Lents Herman J ⓪
348△Collins Lutie ⓪
348½Hill C W
349 Goss Thos L
350△Mason Lena J Mrs ⓪
351△Dugan Marie Mrs ⓪
352 Beard Nettie Mrs
354△Thornton Eric V
356△Bevins Harry L jr
357△Harrah Elmer R ⓪
358△Hack Raymond ⓪
362△Montgomery Emmett ⓪
366△VonWiller Herman A ⓪
Vermont intersects
Turner av intersects

39
ADDISON S — From 2600 W Washington south to TH&I RR
16△Bomgardner Elmor M ⓪
16½Fugate Adam C
17△Robey Alvin L ⓪
21△Harvey Leota L Mrs ⓪
22△Boring Morrey E
24△Thomas Galen G
25△Cook David S ⓪
26△Thompson Harold
28△Emery Wm H
29△Stout Grace M Mrs ⓪
30△Horsman Ernest C
33△Wilson Baird F ⓪
34△Slagle Eunice M Mrs ⓪
34½△Cavett Phillip J
37△Mitchell Gary O ⓪
38△Daniels Hugh ⓪
rear Daniels Joe R
41△Day Chas D ⓪
42△Dudley Jas R ⓪
45△Johnson Wm C
46△Green Carolyn L Mrs ⓪
47△Thomas Cecil C ⓪
49△Croech Harley H ⓪
50△McAllister Lester G ⓪
58△Day Silver R Mrs ⓪
59△Clark Russell C ⓪
Jackson intersects
CCC&StLRy crosses
202 United Steel Workers of Am Local Union No 1150
Golden Age Club
222△Shelton Wm G ⓪
226△Anderson Thos S ⓪
230 Shelton Wm G
232△Patrick Jesse S ⓪
234 Vacant
236 Purlee Richd D
302△Ridonour Lester R
302½Starling Robt E
310△Turner Margt C Mrs ⓪
314 Brown Nun ⓪ bldg contr
318△McGuire Chas C ⓪
322 Taylor Wm E ⓪
328△Mitchell Leona D Mrs ⓪
330△Mateslck John
332 Wolfe Ruth Mrs
334 Hill Jos H
336△Flanagan Isaac W
402△Reutter Marvin C
Ida intersects
406 Vacant
408 Pierce Haskel
410△Sowers Eug M
412△Willey Ira
414 Nelson Anna Mrs
418△Ham Russell B ⓪
422△Shields Robt H
426 Vacant
430 Landwehr Jas G
434 McCoy LeRoy
502△Smith Robt M ⓪
Victoria intersects
506 Wolfla H Dewey ⓪
510△Dickerson Earl L ⓪
522△Cook Noble ⓪
526△Sidlik Edna M Mrs ⓪
530△Hawkins Doyle ⓪
Wyoming intersects
701 Vacant
702 House Mayfield ⓪
705△Roach Donald C ⓪
706 Sterling Allon R ⓪
714 Vacant
718△Woolum John ⓪
721 Blakely Jas T ⓪
722 Browning Ruby D ⓪
726△Rogers Russell L ⓪
729△Staley Melvin B ⓪
737 McMahon Robt B
742△Garrett Anna M Mrs ⓪
744△Barrett Ola N ⓪
746 Blecher Arth E
746½ Cork Mary Mrs
747△Rose Perry C ⓪
748 Vacant
McCarty intersects
802△Hall Mary L Mrs ⓪
806△Hall Jas C ⓪
△Hall's Beauty Shop
809△Dooley Jas W ⓪
810△Roeves Marvin C ⓪
811△Stevens Ralph ⓪
818△Blacker Hoyt D ⓪
819△Staley Harold V ⓪
821△Anderson Henry L
822△Branham Clyde C ⓪
822½△Coop Bobby L
824△Wooten Cleophas ⓪
825△Clay Hazel L Mrs ⓪
830 Fraker Chos ⓪
833△Moyer Hugh E ⓪
838 Russell Geo E
840△Baker W Pearl Mrs ⓪
841△Roselle Thos ⓪
845△Conrad Wm E ⓪
848 Vacant
852△Bosley Jas B ⓪
853△Smith Maude ⓪
858△Chenoweth Marcella H Mrs ⓪
865△Rogers Leonard M ⓪
△Ritchie Edgar M Cabinet Tops cabtmkr
Ray intersects
1001△Davidson Wesley N Jr ⓪
1002△VanBlaricum Geo W
1006△Brown Earl W
1009△Miller Frank
1010△Lucas Lottie C Mrs ⓪
1012△Forthoffer Jas L ⓪
1019 Vacant
1021 Vacant
1024 Nichols Earl C ⓪
1037 Vacant
1041△Batts Ira A ⓪
1045△May Eva Mrs ⓪
1047 May Jack B ⓪
1052 Ball Clarence A ⓪

60A
ADLER E—From 1813 S Meridian east to Madison av
12 Rowe Wm A
13△Jordan Thelma B
14 Baker Paul F
16 Soladine Arvine D
18△Mayes Joseph D
20 Morgon Marshall Jr
22△Boston Joe
24△Brummett Lucille Mrs
26△Rabathey Geo S ⓪
30△McCrary Oscar
32△Duff David ⓪
34△Richards Nell
36△Throckmorton Soml J ⓪
39△Brooks Bessie L Mrs
Union intersects
112 Boughton James B
114 Vernick Donald
116△Hendrickson Lee R
118△Harcourt Rosa Mrs ⓪
118½Baumon Mary E
124△Beploy Harry E ⓪
Delaware intersects
Talbot intersects
Madison av intersects

31
ADLER W — From 1826 S Meridian west to Senate av
18 Evans Robt
Illinois intersects

50C
ADMIRAL DRIVE—From 6140 e 21st n and e to N Kitley
2113△Wichman Alex F
2114△O'Dell Richd E
2115△Gollogher Eug
2116△Wells Gertrude D Mrs
2118△Houchens John F
2120△Brunetti Joe
2128△Higginbotham Earl
2130△Ebbeler Jack H
2134△McCormick Mack H
2136△Blackman Eug C
2137△Truelock Glen A
2139 No return
2139 Vacant
2140△Mogle Robt E
2143△Lebanoff Nick J
2144△Brown Frances M Mrs
2145△Beck Courtland W
2146△Swanson Robt F
2149 Vacant
2150△Farrar Michl
2151△Holly Donald W
2152 Vacant
2155 Strotbmann Danl R
2156△Taylor Irvin E
2157△Preston Bornie L
2158△Richardson Chas R
2161△Summer Richd J
2163△Ritter John M
2201 Vacant
2202 Nelson Ann Mrs
2203△Kowalewitz Edw V
2204△Turner Glenn F
2207△Holmes Fredk G
△Fredrick G Holmes
2208 Vacant
2209△Goulding Fern A
2210△Gump Jesse E
2213△Costledine Myrl I Mrs
2214△Prelock Thos N
2215△Arens Wm
2216 Vacant
2219△Bell Revel H
2220△Babb Anita S Mrs
2221△Beck Donald D
2222△Brown Duane K
2225 Garbe Howard
2226△VanHoy Wm F
2227△Planck Roger L
2228△Thomas Kenneth L
2231△Goodell Kenneth C
2232△Joslin Robt S
2233△Mattingly James
2234△Eaton Brice W
2238△Cleary Raymond jr
2239△Britton Gerald R
2240△Swan Robt C
2243 Eeksteins Royal W
2244△Satcamp Bertha Mrs
2245△Stapp Clyde N
2246△Hancock John W
2249 Bogdan Ruth B Mrs
2250△Moorhouse Stephen E
2252△Ahlefeld Eug R
2256△Cole Vanessa F Mrs
2258 Werline Mildred Mrs
2262 Gellnas Richd
2264 Blythe Geo

11
AGNES — From 940 W New York north to Walnut
303½Vacant
305 Vacant
307△Thompson Katie Mrs ⓪
310△Radi-Food Products Inc
315 Anderson Irvin ⓪
319△Bembry Anna Mrs ⓪
323△Shivers Geo ⓪
323½△Pruitt Jas W
324△Process Machy Inc shop
△Construction Management (Shop)
327△Brownlee Cora B Mrs
328△Hunter Alf ⓪
331 Hill Alf
332 Bush Oliver
335△Macon Janie M Mrs ⓪
336△Wright David ⓪
339△Allen Doris Mrs
340 Stennis Jas E ⓪
344△Rogers Judson ⓪
Vermont av intersects
401 Porter Susie E Mrs
403△McGee Ellis ⓪
405 Davis Ernest
407 Ferrell Thelma Mrs
409△King Pascel ⓪
415 Elmore Curtis A ⓪
417△Towers Leonard
419△Ford Leslie
419½Bowman James
423△Allen Marzell
423½△Brown Bennie S Mrs
425△McFarland Jas ⓪
427 Wilson Woodrow
431△Olit Douglas R ⓪
435△Robards Chas L
436△Bennett Eliz Mrs ⓪
438 Taylor Julius M
439△Shelton Raymond ⓪
Pettijohn intersects
441△Cowherd Chas R
442 Marshall Mary Mrs ⓪
443△Robey Leroy ⓪
444 Tyler Hubert
445 Hunter Janie R Mrs
447 Vacant
448△Douthitt Jas ⓪
451△McGee Mary E Mrs ⓪
451½△Livingstone Lula
452△Williams Ance ⓪
453△Thompson Mary V Mrs ⓪
454△Edison Gilbert
455△Robinson Wayman E
455½△Peters Ben
456△Claypool McKinley ⓪
457 Shields Sonnie
457½△Hall Walter C
458△Clay Daisy Mrs ⓪
458½Folley Max
460△Roddy Oscar
460½△Persey Cath Mrs
461△Hughes Georgia A Mrs ⓪
464△Thomas Goldie Mrs ⓪

13
Michigan intersects
502△Anderson's Tavern
502½Vacant
507△Chandler Turner
508 Hughes Alma
509 Williams Dee ⓪
510 Dabner Altora Mrs
510½Vacant
511 Milton Albert
512 Miller John
513△Tichenor Albert ⓪
515 Boose Beatrice
516△Majours Sarah Mrs
517△Snowden Roosevelt
518△Bailey Jas W
519△Carlton Beulah
524 Lewis Virginia Mrs
525△Jones Callie M Mrs
rear Vacant
526△Morris Abe
527△Reynolds Sam
529△Hines Mary M Mrs
531△Stanley Wm E
535△Beasley Viola Mrs ⓪
539△Hazelwood Theo ⓪
540△Ellis Alberta H Mrs
544△Richardson May C
545△Childs Leontine Mrs
547 Walker Cornell
548 Gooch Nannie Mrs
549△Hall Robt
522△Hawkins Louise E Mrs
553△Niekbarg Ida Mrs gro
North intersects

2B3
ALABAMA N — From 300 E Washington north
5-7 Larman's Furn Co (side ent)
Larman's Furn Co (stge)
11△Hoffa McGrew-Rochford ball bonds
15△Downtown Appliance Serv Inc repr
Court intersects
19△Davidson Sewell R ball bonds
△Smith Geo H ball bonds
△Surety Realty Co
△Shackelford Richd L ball bonds
19½△Barnes Ross Co Inc adv
25△Jansen Overman Co poultry supplies whol
33△Indpls Parking Corp (No 2)
37△Club Thirty Seven tavern
39 AAA Meat Mkt stge
43△AAA Meat Market
Market intersects
sw cor City Mkt side ent
101△Mkt Tavern
103△Athens Imported Food Products
105△Blum Donald H ball bonds
107 Vacant
109△Gray Grace mfrs uniforms
111 Vacant
111½△Burke Mollie Mrs
113 Vacant
115△Cash and Carry Paper Co Inc stge
117△Cash & Carry Paper Co Inc stge
117½△Herrin Hotel
119△One Ninetcen Bar Inc
119½Vacant
121△Mkt Paper Co whol
121½△Maban Hotel
△Batch Lucy
123△Atlas Constn Co
Wabash intersects
127-43△Borden Co Ice Cream Div
136△Mkt Parking
144△Indpls Parking Corp
152△Ind Jewish Chronicle newspaper
154 Lowe's Barber Shop
155△Stachler's Grille
158 Electro-Hygiene Sis Corp side ent
201△Avis W-Drive It
202-20△City Hall
bsmt Hobart Burton E cigars
Rooms:
2△City Dept of Weights & Measures
3-6△Street Commissioner
7△Bureau of Traffic Engineering
△Traffic Advisary Bd
8△Parking Meter Dept
9△City Electricians
10△City Mtce of Pub Bldgs
11△City Hall Custodian
102△City Controller's Office
△Barrett Law Dept
103 Controller's Office (Payroll Dept)
104△Board of Public Works
105△City Council
△City Clerk
106△City Purchasing Agent
201△Department of Law
202△Law Library
203△City Building Comnr
△City Board of Electrical Examiners
△City Board of Plmb Examiners
△City Board of Heating Examiners
204△Mayor
207△Dept of Engineering
△Dept of Engineering (Bridge Mtce Div)
△Dept of Engineering (Inspection Dept)
△Board of Flood Control
301 City Plan Comn (side ent)
302△City Health & Hosp Corp of Marion County (Bur of Environmental Sanitation)
303△City Assessment Bureau
304△City Yord Parks Dept
△Board of Zoning Appeals
305△Board of Public Safety
307△Health & Hospital Corp of Marion County (Public Health Div)
4th fl△Council Chambers
401△City Eng Insp
401C△Mayar's Comn an Human Rights
401½△Personnel Dept
402△Dept of Engineering (testing laby)
405△Met Planning Dept
405A△Bureau of Air Polution Control
Street continued
215△Scott C M Co apiarists sups
217-219△Superior Distbg Co Inc bldg matls
Miami intersects
221-23△Sidman Ofc Equip Co sup
222△Indpls Printing Co
224△Davies Eng & Equip Co heating equip
226△Ind Gunite & Construction Co Inc contrs bldg genl
△Natl Pool Equip Co of Ind

ALABAMA N—Contd
230 Greer Parking Lot (side ent)
235 Fire Dept Headquarters (side ent)

2B6
New York intersects
303△R&R Doll Hosp
△Gadberry Jas W
305-11△Economy Plmb Sup Co
310 Massala Apts
bsmt Babb Robt
1 Williams Mary
2△Summers Gladys H Mrs
3△Ends Kath M Mrs
4△Collyer Mary F Mrs
5 Shipp Georgia D Mrs
6△Kinney Saml M
7△Kidd Gertrude E
8△Holthaus Helen
9△Adkins Herbert R
10△Wallace Ruth E Mrs
11△O'Geary John J
12△Beck Doris I Mrs
14△Bintz Jacob cabtmkr
15△Thompson Tessie Mrs
22△Bailiff Ernest
23△Witt Albert C
24△Christian Lydia K
25△Little Maree M
26△Wagner Margt
27△Crum Jas O
28△Kehrer Hattie Mrs
29△Wynboff Geraldine
315 Sears Roebuck & Co (garden sups)
316 Brandt The apts (for occupants see 351½ Mass av)
318½ Apartments
1△Clough Chas E
2 Vacant
3 Vacant
4 Engelhart Edwin
320 Crawford the apts
1 Adams Ralph
2 Goodpasture Jas W
3 Vacant
4 Hammond Russell
321-33△Sears Roebuck & Co dept store
Vermont intersects
Massachusetts av intersects
402△Sears Roebuck & Co gas sta
412 Devonshire The apts
bsmt△Thomas Oscar
101△Freeman Pearl R Mrs
102△Weaver J Ray
103△Andis Alice Mrs
104△Von Burg Mary Mrs
105△French Helen G
106△Hollander Goldie G Mrs
107△Walker Dorothea E
108△Chandler Galeiah P
109△Preston Mary
110△Dobbins Corwin R
111△McGlynn Wm F
112△Prange Ada Mrs
201△Garner Della E
202△Korss Thos P
203△Bush Eva M
204△Williams Grace D
205△LaForce Helen B
206 Mazza Anthony J
207△Webb Mabel
208△Benson Hazel Mrs
209△Platt Ralph E
210△Hein Isabel Mrs
211△Bennett Ann Mrs
212△Mahan Mildred
301△Donahey John J
302△Boots Eliz E
303△Cox Ruth
304△Snider Harry E
305△Dunlap Elsie J
306△White Alice R
307△Sharp Genevieve
308△Haughee Gladys L Mrs
309△Craig Mary Mrs
310△Greene Margt Mrs
311△Strack Verna Mrs
312△Waddell Helen Mrs
Eden pl intersects
418△Chambers-Ring plmb & Htg Co Inc
rear Harris Martin
418½Apartments
1 Vacant
2 Miller Russell P
3 Vacant
420△Baptist Ada Mrs ⓪
△Baptist Wm J chiropractor
423 Home Outfitting Co Inc (rear ent)
426△Doum Herbert A locksmith
430△Riggs Service Sta gas sta
433△Colderon Distr Co Inc vending mach
441 Vacant
447 Huehison Chas
Michigan intersects
503△Mack Lula Mrs
Jerge Margt
Stewart Isabelle Mrs
505 Apartments
1 Pennington Chas
2-3 Vacant
4 Patterson Oliver
5-6△Fisher Shellie
7 Everest Helen
507 Stone Chas A
Fryer Earl
Reuter Mary Mrs
510-16 Parking Lot
511 Greer Wm
513 Smith Glenn
Linhart Lovine Mrs
515 Vacant
518△Hendricks Eliz
520△Stokes Jas B
521-25 Murat Temple (playground)
524△McAvoy Edw H ⓪

Rains Realty Co.

★

"Rains for Results"

★

148 N. Delaware

Tel. MElrose 9-2536

THE ONLY COMPLETE
IMPARTIAL LIST OF BUSINESS CONCERNS
without regard to Size, Importance, Location, or Appointments, is your
City Directory Classified Business Section

"Everything for the Office" THE BRAMWOOD PRESS FURNITURE SUPPLIES PRINTING
121-127 W. North St. Melrose 4-6361

ADDISON S—Contd
430△Wise Gervin G ◎
434△Carrico Jos V ◎
502△Smith Robt M ◎
Victoria intersects
506 Wolfa H Dewey ◎
510△Dickerson Earl L ◎
522△Cook Noble ◎
522½Stevens Robt C
526△Sidlik Edna M Mrs ◎
530△Fanchally Stella Mrs ◎
Wyoming intersects
701 Roach Randolph
702△Leonard Cerlos ◎
705△Roach Donald C ◎
706△Wolfe Saml J ◎
718 Wollum John ◎
721 Spangler Jos
722△McGeath Wm L ◎
726 Rogers Russel ◎
727△Dye Orville ◎
737△Staley Melvin ◎
742△Jenkins Geo R ◎
744△Merksbary Goble ◎
746 Wagoner Virgil
748 Roach Ora E ◎
McCarty intersects
802△Hall Mary L Mrs ◎
806 Under construction
810 Moore Jas
811△Stevens Ralph ◎
819△Staley Elsie Mrs ◎
820△Blacker Hoyt D ◎
821△Martin Robt M ◎
822 Dixon Anderson C ◎
824△Hoover Howard N ◎
825△Clay Albert ◎
830 Fraker Chas ◎
833△Moyer Hugh E ◎
840△Hyatt W Peerl Mrs ◎
845△Conrad Wm E ◎
848△Downtown Thos O
852△Lanham Jas F ◎
853△Smith Maude ◎
858 Chenoweth Alf ◎
865△Rogers Leonard M ◎
rear Rogers Leonard M garage
Ray intersects
1001△Davidson Wesley N jr ◎
1002△Eckert Frank W ◎
1006 Under construction
1009 Under construction
1014 Forthoffer Jas L
1021△Thompson Leonard ◎
1024 Nichols Earl C ◎
1041△Batts Ira A ◎
1045 May Eva Mrs ◎
1047 May Jack B ◎
1052△Ball Clarence ◎

56
ADELAIDE S—From 425 E Washington south

60
ADLER E—From 1813 S Meridian east to Madison av
12 Vacant
13△Jordan Clarence ◎
14△Quinn Chas ◎
16△Donahue Matibew
18 Brummett Walter
20 Fisher David
22△Brummett Alvin
24△Kincaid Nellie Mrs
26△Frazier Ella Mrs
30△McCrary Oscar
32△Schobin Margt M Mrs ◎
34 Foley Dennis E
36△Throckmorton Saml J ◎
39△Brooks Coy
Union intersects
112△Terry Virgil L ◎
114 Lawrence Kimble
116△McCammon Geo J
118△Schuster J Henry
124△Beplay Harry E ◎
Delaware intersects
Talbot intersects
Madison av intersects

31
ADLER W — From 1826 S Meridian west to Senate av
18△Ray Bert B
Illinois intersects

50
ADMIRAL DRIVE—From 6140 E 21st n and e to N Kitley
2113 Vacant
2114△O'Dell Richd E
2115△Harrison Robt
2116△Shultz John H
2118△McManus L E ◎
2120△Dwyer Bernice Mrs ◎
2128 Vacant
2130△Meara Richd R
2134△Helm Robt J
2134△Rennell Theo
2136 Houswirth Gerald
2137△Leibundguth Henry
2138 Jeckson Joe
2139 Vacant
2140 Vacant
2144△Rogers Myron
2145 Mitchell Lee W
△Beck Courtland W
2146△O'Neal John T
2149△Whiteeell John
2151 Chaney John
2152 Fowler Robt E
2155△Huffhines W L
2156△Phillip Robt M
2157△Klivlin Chas
2158△Lewie Jos V
2161 Vacant
2163△Nagley Wilbur I
2201△Hoffman Harold J
2202△Hanley Albert H
2203△Henry Chae H
2204 Waltz Gordon N
2207△Gray Harold H
2208 Flower Frank M
2209△Goulding Fern A
2210△Beinecke Chas R
2213△Malston Eliz B Mrs
2214△Babb Paul D
2215△Norman Robt A
2216 Riggs —
2219△Freemen Wm R
2220△Pearson Geo H ◎
2221△Scifres John M
2222△Campbell Fred jr
2225 Vacant
2226△Foglemen John A
2227△Smithson John T
2228 Quesenberry Kenneth
2231 Vacant
2232△Speer Noble
2233△Webb Wm H
2234 Vacant
2237△Sessions Jey V
2238△Walters Ernest G
2239△Baker Dan F
2240△Brandenburg Don ◎
2243△Demarest Harry W
2244△Sandstrom Doneld G
2245△Adams Herry G
2246△Fishers Robt
2249△Featherston Herschel E
2250 Vacant
2252△Everett Sewell
2256△Richstetter Robt L
2258 Vacant
2262△Bates Thos M
2264△Thorn Richd

11
AGNES — From 940 W New York north to Walnut
303½Vacant
305-07△D'Attilo Philip ◎ gro
315△Jackson Ezekiel
316△Construction Management Inc (shop)
319△Bembry Wm D ◎
320 Vacant
323△Shivers Geo ◎
323½Pruitt Jas W
324△Process Machinery Inc
△Constructive Managment
327△Brownlee Cora B Mrs
328△Hunter Alf ◎
331△Dinwiddie Louis ◎
332△Hector Mathew L ◎
335△Mecon Wm ◎
336△Wright David ◎
339△Harrington Robt
340 Stennis Jas ◎
344△Rogers Judson ◎
Vermont av intersects
401△King Eleanor
403△McGee Ellis ◎
405△Ferrell Sylvester
407△Ferrell Virgil F ◎
409△King Pascal O ◎
415 Evans Eliza ◎
417△Ford Tommy
419△Barnett Maggie
419½Gayde Willie
423△Allen Margell
423½Vacant
425△McFarland Jas ◎
427 Allen Levin
431△Olif Douglas R ◎
435 Williams Chester
436△Bennett Eliz Mrs ◎
438△Colman Frank
439△Hunt Wm M ◎
Pettijohn intersects
441△Genus Lawrence
442 Marshall Robt A
443△Robey Leroy ◎
444 Langley Albert
445△Jenkins Geo
447 Wilson Jas
448△Douthitt Jas ◎
451△McGee Mery E Mrs
451½△Briggs Carlous
452△Williams Anthony ◎
453△Thompson Thos ◎
454 Edison Gilbert
455 White Beatrice Mrs
455½Faucett Allen
456△Claypool McKinley ◎
457 Thompson Thomas jr
457½△Crawford Rip
458△Clay Daisy Mrs ◎
458½Folley Mex
460 Sample Marie Mrs
460½Grimes John E
461△Hughes Georgia A Mrs ◎
464△Thomas Goldie Mrs ◎

13
Michigan intersects
502△Taylor Jas W tavern
502½△Taylor Jas W
507△Chandler Turner
508△Adams Mattie Mrs ◎
509 Williams Dee ◎
510△Thomas Spencer
510½△Reynolds Sam
511△Milton Albert
512△Evans Geo W Rev ◎
513△Tichenor Albert ◎
515△McGhee Troy ◎
516△Majours Sarah
517△Cox Jas
518△Beach Ide ◎
519△Carlton Hosea
520 Vacant
524△Dulin Robt
525△Kendrick Rosa J Mrs
rear Kendrick Norman
526△Burrie Loretta Mrs ◎
rear △Morris Abe
527△Bells Wm M ◎
528 Church of God in Christ
rear Beam Geo
529△Himes Mery M Mrs
530△Lee Dorothy Mrs
531△Sanderson Hattie A Mrs ◎
532△Johnson Louise
535△Beasley Viola Mrs ◎
538 Carter Willie H
539△Hazelwood Theo ◎
△Hazelwood Transfer
540△Blair Marshall ◎
544△Richardson May C ◎
545△House Jas E ◎
547△Gaines Rey
548 Willingham Geo
549△Penlex Edna F Mrs
552△Wiggins Robt ◎
553△Nickberg Ida Mrs gro
North intersects

28-3
ALABAMA N — From 300 E Washington north
5-7 Exchange Furn Co (storage)
9½ Mansur Block (for occupants see 312 E Washington)
Court intersects
19-21△Jansen's Feed Seed & Supply Co
19½-25½△Barnes-Ross Co adv
25△Jensen Overman Co poultry supplies
33-35△Merket Parking Garage side ent
37△Smith Gordon R tavern
39-43△AAA Meet Merket
Market intersects
101△Demos Jas J restr
103△Marion County Mail newspeper
105-07△Hoosier Consin & Siding Inc
109△Gray Grace Co uniform mfrs
111△Smulyan Calvin A poultry
111½Hindman Merle
117△Cash & Cerry Paper Co Inc
117½Wills Lettie Mrs furn rms
119△One Nineteen Ber
119½Neyalberting Margt
121△Robt A 1 Co of Indpls beekeepers supplies
121½△Mahen Hotel
123△Atlas Construction Co
Wabash intersects
130△Cain Glenn L poultry
127-33△Borden Co The-Ice Cream Div
136 Apartments
1 Arnold Kathryn Mrs
2 Trushell Minnie
3 Zimmerman Arth
4 Bright Lindsey O
5 Goble Minnie B
6 Huffman Steven
7 Higgins Eliz
8 Anderson Michl J
Street continued
138△Meridin Ervin whol meats
139-41 Stechler Parking Lot
140△Gage Tool & Engineering Co
144△Market Liquor Store
146△Wittington Wire & Iron Wks
148 Derler & Co (stge)
150 Sullivan Apartments
1 Kemnitz Wm
2 Womack Carmack
3 No return
4 Winkle Nellie C
5 Thompson Elsie Mrs
6 Rice Jas
7△Solliday Florence Mrs
8 Harris Adele B Mrs
Street continued
152△Ind Jewish Chronicle
154△Conway Lawrence barber
155△Stachler's Grille
201-11△U-Drive-It Co (br)
202-20△City Hall
lobby Hobart Mamie B Mrs cigars
Rooms:
2△Inspector of Weights and Measures
3-6△Street Commissioner's Office
7△Civil Engineer (Inspection dept)
8△Bureau of Air Pollution Control
11△City Hall Custodian
102△City Controller's Office
Barrett Law Dept
△Parking Meter Div
103△Assessment Bureau (Dept of Pub Wks)
104△Board of Public Works
105△Common Council
△City Clerk
106△City Purchasing Agent
201△Department of Law
202△Law Library
203△City Building Commissioner
204△Mayor's Office
207△Dept of Engineering
△Dept of Engineering (Bridge Mtce Div)
△Dept of Engineering (Inspection Dept)
△Board of Flood Control
208△Traffic Engineering Div
301△Board of Health (Dairy Div)
302△School Health Div (Bd of Health)
303△Health & Hosp Corp of Marion County (ofc)
304△City Plan Comn
△Board of Zoning Appeals
305△Board of Public Safety
307△Health & Hospital Corp of Marion County Div of Public Health and Restr Section
401 City Council Chambers
401-W△Indiana Municipal League
401½△Personnel Dept
402△City Engineer's Testing Laby
405△City Fire Alarm (Gamewell Div)
Street continued
215△Scott C M Co The beekeepers' supplies
217-19△Superior Distributing Co mouldings
Miami intersects
221△Stromberg Time Equip Co
222△Indpls Printing Co
223△Sidman Office Equip Co
224△Cramer E F Builder genl contr
226-28△Ind Gunite & Construction Co Inc contrs
△Hamilton Display Mfg Co
△Campbell Robt C contr
235△Municipal Garage

28-6
New York intersects
305-11△Economy Plmbg Supply Co
310 Massala Apartments
bsmt Carter David custdn
1△Houser Grace minr
2 Summers Gladys
3△Ends Ceth M
4 Collyer Burl
5 Kuhn Frances E
6 Epperson Jesse
7 Kidd Gertrude
8 Rorick Ray
9△Harper Eva M Mrs
10 Capshew Verda
11△O'Geary John J
12△Beck Doris I
14△Bintz Jacob cabtmkr
15 Baker Geo R
22 Beegle Blanche
23 Witt Albert
24 Ward Mary
25 Little Maree M
26 Wagner Margt
27△Orum Jes O
28 Kehrer Hattie Mrs
29 Wickham Edna Mrs
Street continued
315 Sears Roebuck & Co (garden sup)
316 Brandt The apts (for occupants see 351½ Mess av)
318½Apartments
1 Higham Clarence
2 Gerveson Edwin
3△Clough Chas E
4 Englebert Edw
Street continued
320 Crawford The apts
1 Shoeing Robt J
3△Geis Jessie R Mrs
4 No return
Street continued
321-33△Sears Roebuck and Co dept store
Vermont intersects
Massachusetts av intersects
402 Sears Roebuck and Co gas sta
412 Devonshire The apts
bsmt△Thomas Oscar
101△Freeman Pearl B Mrs
102 Weaver J Ray
103△Pyle Preston
104△Greene Marguerite B
105△French Helen
106△Mahan Mildred
107△Kaiser Mary R
108△Hodge Juanita
109 Carter Raymond E
110 Dobbins Corwin R
111 McGlynn Wm F
112 Stringer Eug H
201△Garner Della E
202△Crawford Wm
203△Bush Eva M
204△Williams Grace D
205△LaForce Helen
206 Rackett Mary
207 Schmall Frances G
208△Rivers Marjorie
209△Girty Merle
210△Summers Jack
211△Welsh Edw C
212△Robertson Edith A
301△Rockwell Hal F
302 Boots Eliz C
303△Davis Zelma
304△Snider Harry
305△Bryson Alvin
306△White Nellie J
307△Sharp Genevieve
308△Knox Esther
309 Steininger Anton C
310△Troy Wm C
311△Pierce Kirby
312△Danahey John J
Eden pl intersects
418△Chambers-Ring Plmbg & Htg Supply Co Inc
418½Apartments
1 Cunningham Jack
2 Woolf Erma L
3 Dubiskl A C
Street continued
420△Baptist & Baptist chiropractors
△Baptist Jos ◎
△Baptist Wm J ◎
426△Daum Herbert A locksmith
430△Riggs Jos J fill sta
441-47 Zorich Geo furn rms
Michigan intersects
502△Salvation Army (eldr ent)
503 Roberts Elwood G
505 Fisher Shellie
507 Skaggs Jas
511 Cupp Leander
512 Prince Jos
513 Winfield Herbert
Bryant Saml
514 Martlo Jas
rear Beineke Albert G gro
521-25 Murat Temple (playground)

ABABAMA N—Contd
516 Chenowit L Helen
518 Hendricks Eliz furn rms
520 Milton Virgil furn rms
524 McAvoy Edw H
528△Irwin Phil A jr sign pntr
530△Friden Calculating Mach Agency
△Gray Audograph Sle Agcy

18
North intersects
601△Strouse Merlin F gee sta
602 Worthington The apts (For other apts see 230 E North)
bsmt△McMillen John custodian
7 No return
8 Miller Marion Mrs
9△Benjamin Louise A Mrs
10 Corne Hugbie L jr
11 No return
12△Haile Wm A
13 Spencer Daiey Mrs
14 Kenyon Jas
15 Sims Wm F
Street continued
610 Indpls Gospel Tabernacle
△Cook Harry V Rev
615△English Foundation Building
Rooms:
103△Jewish Welfare Federation
104△Indianapolis Hospital Development Assn Inc
108△Planned Parenthood Center
112△Health & Welfare Council of Indpls & Marion County
116△Social Service Exchenge
118△Volunteer Service Dept of Health and Welfare
119△Indpls Foundetion The
△English Wm E Foundation
126△Indiana Heart Foundation
128△Indpls Speech & Hearing Center
134△Boy Scouts of America (Central Indiana Council)
210△Family Service Assn of Indianapolis
218△Girl Scouts of America of Indpls & Marion County
230△Indpls Camp Fire Girls Inc
235△Indpls Community Chest Inc
306△Visiting Nurse Assn
308△Indpls Legal Aid Society Inc
312△Indpls Orphan Asylum
319△Jewish Social Services
327△Lend-A-Toy Shop
329△Marion County Assn for Mental Health
330△Community Surveys Inc
334△United Cerebral Palsy of Marion County Inc
335△Marion County Tuberculosis Assn
4th fl Vacant
Street continued
618 Hoffman The apts
bsmt△Asbworth John custdn
1 Day Donald
2△Ellis Lawrence J
3△Fields Duffie Mrs
4△Sampson Nora Mrs
5△Blasingame Loretta
6△Lynch Cornelia Mrs
Street continued
620 Ulen Willette A
Stultz Geo pntr
622△Moore Clyde J Mrs
623 Swendenborg New Church Chapel
624 Baze Jas A ◎
625△T & W Food Market
626△O'Neal Azzie ◎
628△Brown'e Grocery
Duke Ray
Mitchell Carl
Roberts Lou
E Walnut intersects
702△Mohler Sanitarium
703 Curtis Jae
Merrill Edw
Rodgers Vergil
705 Fields Arth
706 Jackson Henry ◎
707△Feldman Louis ◎
Spears Raymond F
Street continued
708△Dunn Beryl
709 Handlon John ◎
711 Bowlin Claude
712△Covert Sophia Mrs ◎
713 Borger Lee ◎
714△Kriner Alex J
715 Traylor Lora M Mrs ◎
717△Patterson Ruth ◎
718△Dillard Saml E
719 Bish Sylvester V
720 Couch Willie ◎
Sinclair intersects
801-03△Sablosky's Dept Stores
805△Storey Alf A phys
Apartments
2△Bauerle Jos H
3 Vacant
4 Gerbig Fred
5△Wilson Melvena Mrs
7 Brooke Earl
Street continued
807 Storey Alf Z radios
809-11△Crum Howard gro

J. C. SIPE
CARROLL E. SIPE
Est. 1884

Diamonds
Loose Gem Stones
Jewelry Manufacturers
Our Own Factory

418 Merchants Bank Bldg.
MARY ANNE SIPE
Tel. Lincoln 6491

ADDISON N—Contd
67△Robertson May B Mrs ◎
70△Evans Alyce Mrs ◎
71△Kinkead Orpha S Mrs ◎
75△Horner Edna Mrs ◎
76△Blank Geo W ◎
79△Stanley Myron ◎
81△King Jack K
82△Horton Archie F
82½ Vacant
83△Mitchell John S
85△Brittain Joy O
86△Bauke Louis A ◎
87△Breindenbaugh Ruby Mrs
Ohio intersects
201△Baker Clarence G Rev ◎
202 Baar Georgia Mrs ◎
204△Baar Wm C Jr ◎
205△Spivey Elvis G ◎
206△Chambers Chas A ◎
209 Stonehouse Jesse ◎
210△Davis Lora M Mrs
211△Warner Theo S
212 Allen Chas W ◎
213△Walker Verlis E ◎
214 Patterson John H ◎
217 Combs Ollie T ◎
218△Berry Edwin L ◎
221 No return
222△Vestal Frank ◎ paperhngr
225△May Jas W ◎
226△Smith Harry C ◎
229△Anderson Willie A Mrs ◎
Kelso John E
230 No return
233 Donovan Chas
McMillen D L
234△Dowden Otis E
237△Hasselberg Jos D ◎
238△Portlock Ray W ◎
241△Zering Harvey E ◎
Cherry Morris R
Reynolds Jas jr
241½ Zering Harvey E jr
242△Hadley Frank V ◎
245△Peffley Clyde W ◎
246△Miller Robt T ◎
249△Piseus Raymond C ◎
250△Stoskoff Agnes Mrs
252△Lower Doyle S
253△Tedrick Wm P ◎
254△Martin Wm E ◎
256 Mongomery Raymond
257△Koontz Jos A ◎
258△Pittenger Wayne B
260 Shackelford Jackson
261△Richardson Ella A Mrs ◎
262 Watz Frank W ◎
265△Catton Wm E ◎
266△Henry Lorraine Mrs ◎
Boardman Edw L
269△Clark Harry E
269½ △Ade Norma C nurse
270 McCarty Eug ◎
270½ Vacant
274△Fowler Jas F ◎
275△Egan John E ◎
278△Dowden Oren B ◎
278½ Lohrmann Geo W
279△Legg Jas C ◎
Vaughn Gertrude Mrs
281△Butler Susan V Mrs ◎
282△Buttz Margt M Mrs ◎
New York intersects
301△Lambert Lawrence E gro
302△Farmer Lewis S ◎
303△Carrico Wm R ◎
305△Smith Harold C ◎
306△McConaughy Gerald ◎
309△Harrah Louis D ◎
310△Perrine Chas D ◎
313△Boaz Roscoe D
313½ Hybarger Anna Mrs ◎
314△Kassler Austin J ◎
317 Manship Geo E ◎
320 McCullough Frank B ◎
321△Myers Harold J ◎
322△Branham John W
324 Williams John R ◎
325△Whitsett Chas A ◎
326△Walls Harry L ◎
329△Ward Frank E ◎
330△Basch Wm P ◎
333△Littlejohn Wm ◎
334△Quire Paskle ◎
335△Lutz Herman J ◎
337 Vacant
340△Colp John L
341△Tompkins Gilbert ◎
344△Ferguson Chas H
345△Lents Herman J ◎
348△Haywood Henry E ◎
349△Morton Eliz Mrs ◎
350 Mason John C ◎
351△Dugan Marie Mrs ◎
352 Beard Nettie Mrs
354△Vise Allen T ◎
356△Butler Harold F
357 Harrah Elmer R ◎
358△Hack Raymond ◎
362 Montgomery Emmett ◎
366△VonWiller Herman A ◎
Vermont intersects
Turner av intersects

39

ADDISON S—From 2600 W Washington south to TH&I RR
16△Bomgardner Elmer ◎
16½△Blessing Mary J
17 Burton Edw H ◎
21△Harvey Edgar W ◎
22△West Ralph W
24△Wolfe Raymond P
△Peters Frank J jr
25△Cullom Donald P ◎
26△Thompson Harold
28△Emery Wm H
29△Montgomery John E ◎
30△Cook David S ◎
33△Wilson Baird A ◎
34△Slagle Carl M ◎
37 Mitchell Gary O ◎
38△Daniels Hugh ◎
41 Day Chas D ◎
42△Lents Paul B
45△Mitchell Kenneth G
46△Green Dale C ◎
47△Thomas Mary E Mrs ◎
49△Creech Harley H ◎
50△McAllister Lester G ◎
58△Day Silver R Mrs ◎
59 Mitchell Harold A ◎
Jackson intersects
CCC&StLRy crosses
202 Vacant
206 Bennett Eug H ◎
210 Annes Eug P
214 Lomen John ◎
218△DeBaum Maurice ◎
222△Shelton Wm G ◎
226△Pleasant Fred D ◎
230 Mast Marion E
232 Patrick Jesse S ◎
234△Pleasant Sam W
236△Bailey Paul R
302 Vacant
310 Rumple Emmett
318△Miller Wm L ◎
322△Taylor Wm E ◎
328△Harper Arth B ◎
330△Irick Arth W
332△Stamm Paul W
334 Vacant
336△Jones Alvin A
Ida intersects
402△Prairie Jos O
406△Fink Norman
408△Viles Gerald
410△Moore Chas C
412△Summers Jos L
414△Nelson Albert W
418△Bundy Edw D ◎
422△Murdock Forest B ◎
426 Jones Lewis D ◎
430△Pfeiffer Jos L ◎
434△Carrico Jos V ◎
502 Smith Robt M ◎
Victoria intersects
506 Wolfa Dewey ◎
510△Sedlik Jos V ◎
522△Coonce Viola C Mrs ◎
526△Sidlik Edna M Mrs ◎
530 Fanchally Stella Mrs ◎
Wyoming intersects
701 Roach Randolph
702△Leonard Carlos ◎
705△Roach Donald C ◎
706△Wolfe Saml J ◎
718 Wollum John ◎
726 Rogers Russel ◎
737 Staley Melvin ◎
742△Mason Harold E ◎
746 Wagner Virgil
748△Roach Ora E ◎
McCarty intersects
802△Hall Jas W ◎
810△Taylor Chas A ◎
811 Stevens Ralph ◎ clo clnr
819△Staley Elsie Mrs
rear△Query Jas L
820 Cloer Omega L ◎
822 Dixon Anderson C ◎
825 Vacant
830 Neville Walter ◎
833△Henry Jas E ◎
840 Hyatt Jos W ◎
845△Conrad Wm E ◎
848△Downton Thos O
852△Brock Maurice R ◎
853△Smith Maude ◎
858△Chenoweth Alf ◎
865△Rogers Leonard M ◎
Ray intersects
1001△Davidson Wesley jr ◎
1024△McClain Roy ◎
1041 Batts Ira A ◎

56

ADELAIDE S — From 425 E Washington south

60

ADLER E — From 1813 S Meridian east to Madison av
12 No retrurn
13△Shuck Clifford J ◎
14△DeHoney John W
16 Arterberry Anna Mrs
18△Sines Otis W ◎
20 Smitley Harry D
22 Oliver Robt B ◎
24 Kincaid Nellie Mrs
26△Pelham Telford
Herzberger John G
30△McCrory Oscar
32 Worthington Fred F
Schorbin Margt M Mrs
34 Chitwood Bernie
36 Throckmorton Saml
39△Stroup Grace D ◎
Union intersects
112 Terry Virgil L
114 Schmidt Wm J
116△McCammon Geo C
118 Hanrahan John
124△Beplay Harry E ◎
Delaware intersects
Talbot intersects
Madison av intersects

31

ADLER W — From 1826 S Meridian west to Senate av
18△Ray Bert B
Illinois intersects

11

AGNES — From 940 W New York north to Walnut
305-07△D'Attilo Philip gro
315△Jackson Ezekiel
316△Construction Management Inc (shop)
319△Bembry Wm
320△R&B Custom Millwork Inc
323△Shivers Geo ◎
323½△Pruitt Jas W
327△Lee Cora B Mrs
328△Bock Matilda Mrs
331△Dinwiddie Louis ◎
332△Rose Estella
335 No return
336△Wright David ◎
339△Harding Emma Mrs
340 Stennis Jas
344△Rogers Judson ◎
Vermont intersects
401△King Theo
405 Jackson Kath
407△Ferrell Virgil L
409△King Pascal O
415 Evans Eliza ◎
417 No return
419△Powell Herbert L
419½ Gayde Willie
423△Thomas Mantell
△Scott Lewis L
425△McFarland Levi
427△Jenkins Mary
429△Burney Isie Mrs
VanCleve Jas
431△Olif Douglas R
435 Brinkley Millie M
436△Bennett Eliz Mrs
438 No return
439△Hunt Wm M ◎
Pettijohn intersects
441△Strong Margt Mrs
442 Marshall Robt A
443△Robey LeRoy A
444 Brown Oscar
445△Jenkins Geo A
447△Carter Wm H
448△Douthitt Jas
451△Hollowell Jas T
451½ Cowherd Nannie J Mrs
452△Williams Anthony ◎
453△Thompson Thos ◎
454△Edison Gilbert
455 Vacant
455½ McNeelye Aug
456 Persley Kath Mrs
457 Collins Herman
457½ Taylor Wm
458△Clay Daisy Mrs
Folley Max
460△Drone Thad
460½ Grimes John E
461 Hughes Georgia A Mrs ◎
463 Reed Anna B Mrs
464△Thomas Goldie Mrs ◎

13

Michigan intersects
502△Taylor Jas W tavern
502½ House Henry
506 Taylor Jas W
507△Chandler Thos
508△Williams Geo
509 Williams Dee
510 Parson Mack
510½ Robinson Leslie A
511 Vacant
512 Eans Geo W
513 Tichnor Albert ◎
515△McGee Troy
516△Martin Sally L
517 Reese Abram B
518 Beach Ide
519 Carlton Hosea
520△Livers Rena Mrs ◎
524 Dickson Ida M Mrs
rear Harris Birdie Mrs
525△Kendrick Rosa J Mrs
Kendrick Norman
526 Burris Loretta Mrs ◎
rear Brown Wm A
527 Beals Wm
528 Church of God in Christ
rear Beam Geo
529 Himes Wm
530 Smith Glendora
531 Sanderson Hattie A Mrs ◎
532 Wilkins Manuel
534 No retrurn
535△Beasley Viola Mrs
538 Carter Willie
539△Hazelwood Theo ◎
540△Blair Marshall ◎
544△Richardson May C ◎
545△House Jas E ◎
547 Teeters Ruth Mrs
548 Young Jos
549△Peniex Edna Mrs
552△Wiggins Robt ◎
553 Nickbarg Ida Mrs gro
North intersects

283

ALABAMA N — From 300 E Washington north ws Court House
5-7 Exchange Furn Co (storage)
9½ **Mansur Block** (for occupants see 312 E Washington)
Court intersects
19-21△Jansen-Overman Co poultry supplies
19½-25½△Barnes-Ross Co adv
25△Coraz Nellie Mrs china
△Hoosier China & Glass Co
33-35△Downtown Parking Garage
37△Spears Mabel R tavern
39-43△AAA Meat Market
Market intersects
101△Demos Jas J restr
103△Whitford & Whitford investments
△Liberty Ins Agcy Inc
△Natl Litho Forms Co
105△Clarke Sanding Machine Co
107△Everitt's Seed Store
109△Gray Grace uniform mfrs
111-15△Smulyan C A & Son poultry
111½ Kanps Frank
117△Cash & Carry Paper Co
117½△Mikesell Martha furn rms
119△Rumpus Room Tavern
119½△Adams Louie D
121△Root A 1 Co of Indpls beekeepers' supplies
121½△Mahan Hotel
123△Atlas Construction Co
Wabash intersects
130△Cain Glenn L poultry
131△Borden Co-Furnas Ice Cream Div
134 Vacant
136 **Apartments**
1 Arnold Kathryn Mrs
2 Trushell John
3 Miller Eliza
4 Dickinson Julia M Mrs
5 Goble Minnie B Mrs
6 Davis Anne Mrs
7 Higgins Eliz
Street continued
138△B & B Meat Market
139-41 Stochler Parking Lot
140 Brenton Frank saw filer
142△Brosmon Ice Cream Co
144△Market Liquor Store
146△Whittington Wire & Iron Wks
Whittington Guy E
148△Perk Specialty Co machs
150 **Sullivan Apts**
1 Kemnitz Wm F C
2 O'Connor Jas
3 Pierson Thos
4 Winkle Nellie C Mrs
5 Boyd Ann Mrs
6 Rich Mary O Mrs
7△Solliday Florence Mrs
8 Harris Adele B Mrs
Street continued
152△Meier Cordless Blind Co
154 Stiers Barber Shop
155△Stachler's Grille
156 Federal Life & Casualty Co (side ent)
Ohio intersects
201-11△U-Drive-It Co (br)
202-20△City Hall
lobby Veterans Housing
Rooms:
2△Inspector of Weights and Measures
3-6△Street Commissioner's Office
7△Civil Engineer (inspection dept)
8△Board of Air Pollution Control (Combustion Engineer's office)
9△Civil Engineer (testing laboratory)
11△Custodian's Office
102△City Controller's Office
Barrett Law Dept
103△City Personnel Division
104△Board of Public Works & Sanitation
106△City Purchasing Agent
201△Department of Law
202△Law Library
203△Bureau of Buildings
204△Mayor's Office
207△Dept of Engineering
△Board of Flood Control (Track Elevation)
208△City Clerk
301-02△Board of Health
303△Assessment Bureau
304△City Plan Comn and Board of Zoning Appeals
305△Board of Public Safety
307△Board of Health and Hospitals
△School Health Division
△Dairy Division
401 City Council Chambers
401-W△Indiana Municipal League
402△City Civil Engineer's Testing Laboratory
405△City Fire Alarm (Gamewell Div)
Street continued
215△Scott C M Co The beekeepers' supplies
217-19△Youngstown Mfg Inc mouldings
△Superior Distributing Co mouldings
Miami intersects
221△Sidman Office Equipment Co
△Finlayson Distributing Co
222△Indpls Printing Co
224△Cramer E F Builder genl contr
225△Woelfing T W Co plmbrs
226-28△Ind Gunite & Construction Co Inc contrs
△Hamilton Display Mfg Co

ALABAMA N—Contd
△Gardner Robt F signs
△Rybolt Louis J mason contr
235△Municipal Garage

286

New York intersects
303 Bonham Ruth A Mrs antiques
305-11△Economy Plmbg Supply Co
310 **Massala Apts**
bsmt Carter David custdn
1△Oval C J real est
2△Storz Bonnie E
3△Ballard Deniva Mrs
4△Heald Harold P
5 Phillips G E
6△Nightlinger Neil M
7△Pearson Louis A
8△Kessler Martha B Mrs
9△Harper Eva M Mrs
10 Oxender Lawrence E
11△O'Geary John J
12△Beck Doris res mgr
14△Bintz Jacob cabtmkr
15 Hobson Mary
22△Morris Clarence
23△Krapp John J
24△Warner Eliz
25△Morton Oliver P
26 Gallagher Edmund R
27△Orum Jas O
28 Kehrer Hattie Mrs
29△Newton J Richd
Street continued
312 Vacant
315-17△Ballard Ice Cream Co
316 **Brandt The** (For occupants see 351½ Mass av)
318½ **Apartments**
1△Fletchall Geo R
2△Sexton Clarence C
3 Ray G Chas
4△Patton Donald
Street continued
320 **Crawford The**
1△Thomas Wm pntr
2 Hughes Paul L
3△Geis Edw
4 Lumpkin A E Mrs
Street continued
321-33△Sears Roebuck and Co dept store
Vermont intersects
Massachusetts av intersects
402 Sears Roebuck and Co fill sta
408△Dean Dora Mrs furn rms
412 **Devonshire The**
B1△Thomas Oscar
101△Freeman Harry M
Freeman Pearl R Mrs res mgr
102 Quinlan Dowe R
103△Farmer Zella F
104△Ryan Carroll R
105△LaForce Helen B
106△Mahan Mildred
107△Weaver J Ray
108△Young Ivan C
109 Carter Raymond E
110△Stillman Maxine
111 McGlynn Wm F
112△Serstad Irene K Mrs
201△Newbold John
202△Schssel LaZora
203△Hush Eva M
204 Robertson Edith A
205△Hiner Dwight R
206△Taylor Cliff H
207△Dulin Harold
208△Morgan Frances M
209△Girty Myrle Mrs
210△Smith Mabel H
211△Welsh Edw C
212△Denker Harry
301△Williams Grace
302 Boots Eliz C
303△Roberts R P
304△DePlanty LaVerne
305 Blaich Otis
306△Ward Francis X
307△Boyle Jas R
308△Knox Esther
309 Serrin Ira
310△Alkire Wallace F
311△Baade F Jean
312△Abell Frances M
Eden pl intersects
418△Chambers-Ring Plmbg & Htg Supply Co Inc
418½ **Apartments**
1 Kriech Francis J
2△Dewey Geo E
3△Ross Melvin T
Street continued
420△Baptist & Baptist Chiropractors
Baptist Jos
△Baptist Wm J
430△Riggs Jos J fill sta
433-37△Thomas Clyde C
441-47 Lorich Geo furn rms
Michigan intersects
502 Salvation Army (state hdqtrs)
503 Rodgers Buddy
505 Sweet Leo
507 Rozzell Clara Rev
510△Woodard Geo ◎
511 Rice Edw C
512 McDonald Crawford
513△Barnes Jack E
Konold Willard G
rear Beineke Albert gro
514△Patrick Ruth Mrs
515-25 Murat Temple (playground)
516△Grey Beatrice Mrs
518△Mack Lula A furn rms
520△Bisesi Michl
△Hawkins Everett J

The Marott HOTEL
YOUR UPTOWN HOTEL BY THE WATERWAY NORTH ON MERIDIAN ST. 5 MINUTES DRIVE FROM CIRCLE
Phone TA-4571
AN ULTRA MODERN HOTEL—Embodying ALL THE FEATURES OF UNEXCELLED HOTEL ACCOMMODATIONS
ADVANTAGES FOR Better LIVING
REASONABLE RENTAL RATES
THE DINING ROOM at the Marott is famous for its EXCELLENT FOOD and BEAUTIFUL ENVIRONMENT
BLUE BIRD TAP ROOM for the BEST IN MIXED DRINKS
COFFEE SHOP features POPULAR-PRICE CUISINE

CALL AYRES' TIME
SERVICE • MA 1511
L. S. Ayres & Co.

Good Lumber *Fine Millwork*

Burnet-Binford Lumber Co.

1401 W. 30th St. Phone Talbot 3315

THE INDIANA National Bank of Indianapolis

78 Years of Experience in Commercial Banking

Member FEDERAL DEPOSIT INSURANCE CORPORATION

ADAMS—Contd
2264△Brown Claude E
2266 Smith Dale B
2267△Baker Alvie D
2269△Halladay Thos S
2271△Pratt Harry J
2272△Watson Jas I ◎
Twenty-third intersects
2305△Woolf Raymond P ◎
Gerber Jos R
2306 Oberthur Frank W
2311 Hammond Lawton F
2312△Collins John F
2313△Emery Helen M Mrs
2314△Ege Elmer B ◎
2317△Curry L Wm
2318 Welch Wm H ◎ machy repr
2321 White Oliver G ◎
2322 Camp David C ◎
2325 Bess Kenneth W
2326△Paxton Harry L ◎
2329 Carter Roy E ◎
2330△Alting Rudolph R ◎
2330½ Partain Jas A
2333△Vernon Otis A
2334△Sparkes Julian G
2336△Quackenbush Jas D
2337 Amspaugh Russell B
2339△Wallsmith Golfry F
2341△Hullett Geo U
2342△Fentz Ashbel E ◎
2343 Karch Ernest M
Glen dr intersects
2346△Watson Delbert O ◎
2352△Christ John V
2353△Smith Albert P ◎
2355 Bertrand Henry J
2359△Burwell Asa A ◎
2360△Stanley Myrtle F Mrs ◎
2361△White Homer E
2362△Frolke Frank V
2363 Spreen Wm C
2365△Harris Amelia C Mrs ◎
2366 Vacant
2369△Shannon Willard C ◎
2376△Bishop Archie L ◎
2377△Thompson Awning & Tarpaulin Co
2378△McDaniel Floyd M
2379△Claghorn Prudence D
2380△Teaney David
2381△Schenck Esther Mrs
2401 Fentz Ernest M
2402△Cromer Jas A ◎
2403△Fentz Chauncey L
2405△Bailey Carl H ◎
2410△Johnson Robt D ◎
2413 Seils Otto R ◎
2414 Cone Grover ◎
2417△Apple Hobart ◎
2418△Mentz Earl G
2420 Moore Walter N
2421△Lather John L
2422△Kincade Curtis C ◎
2424△Rush Patricia G
2425 Mattingley Patk
2426△Costin Lois H ◎
2429△Bulmer John A ◎
2430 Wright Edw C ◎
2434△Wenz Cecilia S Mrs ◎
2440△Brown Edgar P ◎
Twenty-fifth intersects
2518△Schultz Harold R
2522△Flint Anthony O ◎
2526△Lyons Thos F ◎
2530△Waggoner Donald C
Twenty-sixth intersects
2601△Wilburn Frank
2603△Moss Raymond C
2611 Simmons Roy A
2615△Owens Frank W
2621△Hoffmann Virgil L ◎
2623△Dunn Sarah A Mrs
2627△Lombard John A
2630△Harrison Everett T ◎
2631△Mitchell Albert R ◎
2634 Basey Emil W
Carney Fannie M Mrs ◎
2710 Gardner Mallie T
2714 Green Edna B Mrs ◎
2718△Orff Claude ◎
2719 Butterfield Wm
2721△Epperson John R ◎
2722 Williamson Chas W ◎
2726 Collier Douglas W
2730 Kirchner Kath Mrs
2732 Windisch Roy H
2734 Bolton Elvis
2736 Rusher Jennie Mrs
2738 Myers Goldie Mrs
2739△Fleider Julius W
2742 Godsey Felicia Mrs ◎
2743 Richey Kenneth R ◎
2746△Johnson Vania Mrs ◎
2749 Bayless Harold L
2750△Harvey Ethel G Mrs ◎
Twenty-eighth intersects
2802 Sykes Elbert P
2804 Edwards Thaddeus C
2806 Gillespie Elmer R ◎
2809 Hammonds Harvey T
2810 Sheley Forrest E ◎
2811 Blackwell Vasil L
2815△Crain Leon J ◎
2816 Roeske Wm F ◎
2819△Ray Claude H ◎
2821△Richey Art A ◎
2822△Fuller Leroy E ◎
2826△Watts Kinnie ◎
2829 Suddath Lawrence V
2831△Taylor Wm S
2850 Coffin Robt C ◎
2855△Hansen Fred
2860△Stephenson John F
2861△Chesher Jos W ◎
2862 Twidy Donald F
2864 Simmons Earl D
2865 Vickrey Saml H ◎
2866△Obermeyer Chas G
2869 Spears Geo W
2870△Reagan Wm D
2875 Hauser Floral L
2877 Outland Ernest E ◎
2880△Duke Lena M Mrs ◎
△Duke Carrie A beauty shop
2882 Han Harry D
2905 Bess Adams W
2907 Vaught Chas O
2909 Myers Gerald R
2911 Inman Jack
2912△Smith Ruby H Mrs ◎
2919 Ackman Herbert J ◎
2920△Clements Peter A ◎
2926△Thomas Cecil H ◎
2930△Bettenbrock Geo ◎
2934△Flannagan Martin B ◎
2936 Davis Clay H
2938 Marine Robt A
2949 Bender Henry A ◎
2951 Lynn Saml ◎
2965 Vacant
2967 Lewis Kenneth H
2969 Massingale Robt J
2973△Wright Chas G ◎
2977△Duncan V Ray
Thirtieth intersects
3220△Brumfield Stella M Mrs
3221 Adolph Earl E ◎
3231 Raleigh Wm M
3235 Seleuson John ◎
3249 Sheppard Mary E Mrs
Thirty-fourth intersects
3601 Woodrow Harold J
3612△Swift Jas A
3614 Vacant
3650 Statetovich John ◎
3660 Zook Irville J
3714△Mazke Robt J ◎
3718 Vacant
3722 Branyan Ambrose L ◎
3737△Gasaway Leonard V ◎
3745△Snellenberger Russell F
3750△Bolander Jos T ◎
3760△Jones Jos P ◎

ADDISON N—From 2600 W Washington north to Vermont
12△Chadwell Noble E ◎
13△Wood Pearl M Mrs
15 Garritz Edw F
16△Satterfield Michl Y ◎ trucking
17△Masariu Arth J ◎
23 Neavill Lelia P Mrs mus tchr
24-26 West Park Christian Ch
25 Golay Lawrence
Johnson Clifford M
28△Stultz Basil G Rev
30 Huddelston Wm A
31△Porter Harry C ◎
34 Goss Maurice C
35△Porter Robt R
38△Ramsey Robt C ◎
39△Rodgers Clarence ◎
41 Jones Wm G
43△Holtz Otto J
44△Dravis Edw L
45△Trubbs Edw H
47△Craft Otto ◎
48△Hilker John F ◎
50 Hord Ruth M Mrs
51△Vaughn Dewitt O ◎
54 Clarke Harold M ◎
55 Gill Walter A
58△Clarke Jas E ◎
59△Eskew Oren F ◎
62△Anderson John M ◎ trucking
63△McGregor Vernon L
65 McCameron Park W
66△Morris Edna L Mrs ◎
67△Robertson Walter E ◎
70△Carsten Enos C ◎
71△Kinkead Orpha S Mrs ◎
74△Tobias Theo T ◎
75△Horner Edna Mrs ◎
76△Blank Geo W ◎
79△Carden Alex
81△King Jack K
82 Horton Archie F
83△Mitchell John S
85△Brittain Joy O
86△Orange Harry M ◎
87 Breindenbaugh Hilbert P
Ohio intersects
201 Baker Clarence G ◎
202 Chance Milton E
204△Shute Ralph E
205△Spivey Elvis G ◎
206 Chambers Chas A
209 Stonehouse Jesse ◎
210△Davis Lora M Mrs
211△Warner Theo S
212 Allen Chas W ◎
213△Walker Verlis E ◎
214△Brittain Melvin F
217△Murray Paul
218△Berry Edwin L ◎
221△Kinney John W ◎
222△Vestal Frank ◎ paperhngr
225 May Jas W
226△Smith Harry C ◎
229 Drake Elmer C ◎
230△Wilking Chas J ◎
233 Vacant
234 Dowden Addie Mrs ◎
235 Wells Alvin J
237 Maloy Jas
238△VanHorn Edw E ◎ pntr
241 Zering Harvey E ◎
241½ Vacant
242△Portlock Roy W
245△Peffey Clyde W
246 Miller Robt T ◎
249 Fiscus Raymond C ◎
250△Mattingly Benj O
252 Montgomery Emmett
253△Simmons Arth ◎
254△Martin Wm E ◎
256△Lemmon Brandt E
257△Craig Geo E
258 Nelson Ida M
260 Watz Frank W ◎
261 Richardson Ella A Mrs ◎
262△Walls Ivan W
265△Catton Wm E ◎
266 Ump Jesse F ◎
269△Davis Wm E
270 Smith Preston
270½ Rather Paul W
274△Fowler Jas F ◎
275 Lynch Thos A ◎
278△Dowden Oren B ◎
Lohrman Geo W
279△Legg Jas C ◎
281△Butler Susan V Mrs ◎
282△Buttz Arth ◎
New York intersects
301 Vacant
302△Farmer Lewis S ◎
303△Tinsley Louise E Mrs ◎
305△Smith Harold C ◎
306 McConaughy Gerald ◎
309 Stamm Carl E
310△Perrine Chas D ◎
313 Hybarger Melvin H ◎
313½ Fairbanks Ralph W
314△Kassler Austin J ◎
317 Manship Geo E ◎
318 Maners Louis F
320 Cox Pearl D Mrs
321 Myers J Harold
322 Branham John W
324 Benell Saml E
325△Burres Frank W ◎
326 Cavanaugh Wm ◎
329△Warg Frank E ◎
330△Basch Wm P ◎
333△Carrico Roscoe W ◎
334 Quire Paskle
335 Lutz Herman J ◎
337△Connor Cath J Mrs ◎
340△Lenahan Mary B Mrs ◎
341△Tompkins Gilbert ◎
344△Stoner Chas C ◎
345 Lents Herman J ◎
348 Haywood Henry R ◎
349△Marshall Emma C Mrs ◎
350△Reichard Virgil
351△Dugan John J ◎
352 Mason John C ◎
354△Vise Allen T ◎
356 Barker Roy F
357 Snyder Effie Mrs ◎
358 Tack Raymond ◎
359 Vacant
362△Ellwanger Kath Mrs ◎
366 VonWiller Herman A
Vermont intersects
Turner av intersects

ADDISON S—From 2600 W Washington south to TH&IRR
16 Yoder Cora Mrs
△Barrett Jas H
17 Burton Edw H ◎
21 Harvey Edgar W ◎
22△West Ralph W
24 Dennis Elbert D
25 Beadles D Lee
26△Tabelman Delmer
28△Tevault Robt A
29 Montgomery John E ◎
30△Cook David S ◎
33 Wilson Flora L Mrs ◎
34 Grosskopf Gottfried H
△Slagle Carl M ◎
37 Mitchell Gary O ◎
38△Sims Haskell
41 Day Chas D ◎
42△Hostetler Raymond ◎
45△Mitchell Kenneth G ◎
46 Green Dale C ◎
47△Thomas Mary E Mrs ◎

Van Wert Company

"Because You Like the Best"

Coal — Building Material — Coke — Crushed Stone

1002 E. 42d TEL. HUMBOLDT 1338

Banner-Whitehill

Homes Furnished Thruout

31 TO 35 S. MERIDIAN ST. PHONE MARKET 7331

ADDISON S—Contd
49 Creech Harley H ◎
50 McAllister Lester G ◎
58 Day Silver R Mrs ◎
59△Rash Caryl
Jackson intersects
CCC&StLRy crosses
202 Vacant
206 Karcher Alma O Mrs ◎
214 Lomen John
218 Johnson Jos E
222 Shelton Wm G ◎
226 White Wilbert H ◎
230 Mast Marion E
232 Patrick Jesse S ◎
234 Hedge Austin W
236 Winklepleck Ethel M Mrs
Bertha intersects
302 Vacant
318△Miller Wm L ◎
322 Taylor Wm E ◎
328 Mitchell Silas ◎
330 Irick Arth W
332△Harris Jas F
334 May L Lester
336 Rice Calvin
Ida intersects
402 Hergel John A
406 McFarland Glenn D
408 Flannery Owen
410 Schrader Elmer R
412△Slavey Walter T
414 Rice Anna M Mrs
418 Bundy Edw D
422△Murdock Forrest B ◎
426 Jones Clara A Mrs ◎
430 Pfeiffer Jos L ◎
434△Quisenberry Ambrose J ◎
502 Rubin John L ◎
Victoria intersects
506 Wolffa Leng C Mrs ◎
510 Sidlik Jos V ◎
522 Coonce Viola C
526△Sidlik Edna M
530 Fanchally Edw A ◎
Wyoming intersects
737 Ambler Harlow K ◎
742 Edison J Russell ◎
746 Wagner Virgil
748 Roach Ora E ◎
McCarty intersects
802△Hall Jas W ◎
810 Taylor Chas A ◎
811 Headrick Wm O ◎
819 Staley Carmi J ◎
rear Staley Chester W
820 Cloer Omega L
VanHook Chas E
822 Dixon Anderson C ◎
rear Dixon Harvey E
825 Martin Jas M
830 Hurd Haze ◎ contr
833 Henry Jas E ◎
840 Hyatt Jos W ◎
845△Conrad Wm E ◎
848△Downton Thos O ◎
852 Crask Jack E
853 Draque Alphonso J ◎
858 Chenoweth Alf ◎
865△Richey Jas R ◎
Ray intersects
1024 Lewis Geo A ◎
1041 Batts Ira A ◎

ADELAIDE S—From 425 E Washington south to South

ADLER E—From 1813 S Meridian east to Madison av
12 Curby Howard R
13 Graves Jessie L Mrs
14 Edge Joel H
16 Arterberry Jas
18 Bridwell Alice Mrs
Charles intersects
20 Smitley Hary D
22 Oliver Robt B ◎
24 Kincaid Chas H
26 Risley Morris T
30△Tann Christian H
32 Ping John H
34 Leverett Saml E
36 Lohman Harold F
39 Wilson Etta Mrs
Union intersects
112 Terry Virgil L
114 Heckman Donald W
116△McCammon Geo C pntr
118 Lancaster Wm M
124△Beplay Harry E ◎
Delaware intersects
Talbot intersects
Madison av intersects

ADLER W—From 1826 S Meridian west to Senate av
18△Ray Bert B
Illinois intersects

AGNES—From 940 W New York north to Walnut
305 D'Attilo Philip gro
307 Vacant
315 Winn Jack
316△Indpls Brewing Co Inc
319 Bembry Wm
323△Shivers Geo
323½ Buckner Lawrence E
327 Brownlee Cora Mrs
328△Rock Otto A ◎
331 Ferrell Virgil
332 Williams Clarence
335 Ferrell Porter
336 Wright David
339△Harding Emma Mrs
340 Jackson Ezekiel
344△Rogers Judson ◎
401 Franklin John
403 McGee Ellis
405 Posey Adolphus
407 Hanley Edw T
409△King Pascal
415 Evans Eliza ◎
417 Bowers Bessie M
419 Powell Herbert L
419½ Robinson Clifford
423 Massey Sarah Mrs
Burnett David
425 McFarland Levi
427 Sims Ivory
429 Burney Isie Mrs
431 Olive Douglas
435 Guthrie Bessie Mrs
436 Bennett Rim
438 Barton Oscar
439 Hunt Wm M ◎
Pettijohn intersects
441 Strong Douglas B
442 Marshall Robt A
443 Robey LeRoy
△Suggs Othia Mrs
444 Swanskin Hiram
445 Bradley Lottie Mrs
447 Carter Willie K
448 Duthitt Jas
451 Smith Callage
451½ Cowherd Nannie J Mrs
452 Williams Ance ◎
453△Thompson Thos ◎
454 Edison Andrew
455 Green Louis E
455½ Swain Johnnie Mrs
456 Persley Theo
457 Vacant
457½ House Jas
458 Smith Maggie Mrs
458½ Jackson Cath Mrs
460 Carter Rose Mrs
460½ Grimes John E
461 Hughes Georgia A Mrs
463 Broner Thos
464△Thomas Eug ◎
465 Friendship Baptist Church
Michigan intersects
501△Berkovitz Max K gro
502-06△Edwards Chas T tavern
507 Sykes Leroy
508 Porter Geo
508½ Cantrell Sally M Mrs
509 Williams Dee
510 Walker Anderson
510½ Lindsey Amanda Mrs
511 Gude Mose
512 Wilson Lida C Mrs
513 Petty Henry
515 Brown Odie
516△McLaren Chas
517 Boyd Porteus
518 Beach Ide
519 Carlton Hosea
520 Livres Jos
523 Ramsey Geo
524 Dixon Ida M Mrs
rear Harris Birdie Mrs
525 Allen Jas
rear Barnett Emma
526 Burns Loretta Mrs ◎
rear Brown Wm A
527 Beals Wm
528 Church of God in Christ
rear Beam Geo
529 Robinson Sue Mrs
530 Vacant
531 Sanderson Hattie A Mrs ◎
532 Wilkins Manuel
535 Taylor John
538 Fryar Lonnie shoe repr
539 Hazelwood Transfer & Storage
△Hazelwood Theo ◎
540 Burris Eliz Mrs
544△Richardson May C ◎
545 Marshall Walter
547 Teeters Levi
548 Young Jos
549△Smith Thurman
552△Wiggins Robt J ◎
553 Nickbarg Meyer gro
North intersects

ALABAMA N — From 300 E Washington north
ws Court House
5 U S A First Aid Sta
7△Robins Fred paints
9-11 Vacant
9½ **Mansur Block** (for occupants see 312 E Washington)
15-17△Everitt's Seed Store
Court intersects
19-21△Jansen-Overman Co poultry supplies
19½-25½△Barnes-Ross Co adv
25△Hoosier China & Glass Co
33-35 White Circle Garage
auto parking
37 Lyster Alonzo tavern
39-43△Schussler's Market meats
Thomas Hubert R gro
Market intersects
101△Demos Jas J restr
103 Vacant
105-09△Hoosier Poultry Market
111 Vacant
111½ VanNote Savannah Mrs furn rms
113 Burke's Restr
115 Vacant
117△Cash & Carry Paper Co Inc
117½ Higgins Neil E Mrs furn rms
119 Smulyan Calvin A poultry
119½△Harness Geo C real est
Chatterley Jas H lawyer
Atwell Benj F real est
121△Root A I Co of Indpls beekeepers' supplies
121½△Mahan Hotel
123 Furnas Ice Cream Co (stge)
Wabash intersects
127-33△Furnas Ice Cream Co
△Jessup & Antrim Ice Cream Co
130△Cain Glenn L poultry
134 Vacant
136 Vacant
136 **Apartments**
1 Vacant
2 Trushell John
3 Pierson Thos
4 Dickinson Julia Mrs
5 Goble Ellsworth
6 Cosgrove Ward D
Street continued
138 Stiles Frank M barber
140 Dicks Sherman saw filing
142 Leone Louis auto parking
144 Brosman Hyman A whol contr
146 Whittington Wire & Iron Wks
Whittington Guy E
148△Beck Saml contr
150 **Sullivan Apartments**
Apartments:
1 Kemnitz Wm F C
2 Kraus Merle
3 Miller Clara
4 Davis Bert
5 Collins Fannie Mrs
6 Rice Mary O Mrs
7 Solliday Florence
8 Harris Chas E
Street continued
152 Wagner Wm H printer
154 Vacant
155 Lengbery Myrtle G Mrs restr
156-58 Vacant
Ohio intersects
201-11△City Hall Parking & Tire Service
202-20△**City Hall**
Rooms:
2△Inspector of Weights and Measures
3-5△Street Commissioner's Office
6△Civil Engineer (inspection dept)
8 Espy Ada Mrs restr
9△Civil Engineer (testing laboratory)
11△Custodian's Office
102△City Controller's Office
Barrett Law Dept
103△Assessment Bureau
104-05△Board of Public Works & Sanitation
106△City Purchasing Agent
201△Department of Law
202△Law Library
203△Bureau of Buildings
Board of Electrical Examiners
Board of Plumbing Examiners
204-05△Mayor's Office
207△Dept of Engineering
208△City Clerk
301-02△Dept of Public Parks
303△Bureau of Buildings (Smoke Abatement Div)
304△City Plan Comn and Board of Zoning Appeals
305-06△Board of Public Safety
307△Board of Public Health and Charities
401 City Council Chambers
△Ind Municipal League
402-03△City Civil Engineer's Testing Laboratory
405△City Fire Alarm (Gamewell Div)
Street continued
215△Scott C M Co The beekeepers' supplies
217-19△Youngstown Mfg Inc mouldings
△Superior Distributing Co mouldings
Miami intersects

J. S. CRUSE REALTY CO.

Real Estate — Property Management — Insurance

128 N. DELAWARE MARKET 6411-6412-6413

VONNEGUT HARDWARE COMPANY

INDIANA'S LARGEST MILL SUPPLY HOUSE

INDIANA'S HARDWARE DEPARTMENT STORE

YOU CAN GET IT AT VONNEGUT'S

MARKET 2321

See page 55 Buyers' Guide

Marilyn Furs

Marilyn Fur Co. The Home of Beautiful Furs

29 E. OHIO

YOUR FUR COAT CARED FOR DAILY IN Marilyn's STORAGE $1.00

INSURED UP TO $50

Phone FRanklin 2581

Allied Printing Service
★
Letterpress Printing
★
Offset Lithography
★
540 Century Building
Riley 6395 6396

Use Our 18-Month Payment Plan
PAINT — GLASS — WALLPAPER
INDIANAPOLIS PAINT & COLOR CO.
640 N. Capitol Ave. 105 N. Penn, Phone Lincoln 1521

ALABAMA N—Contd
220-22ΔIndpls Printing Co
221ΔSidman Office Equipment Co
ΔUniversal Motor Parts Co
224 Vacant
225ΔWoelfing T W Co plmbrs
226 Koon Motor Sales Co (stge)
228 Vacant
235ΔMunicipal Garage
New York intersects
303 Hamilton Mamie Mrs
305-11ΔEconomy Plmbg Supply Co
310 **Massala Apts**
bsmt Carter David custodian
Apartments:
1 Jarvis May
2 Storz Bonnie
3 Ballard Geo W
4 Cardinal Pearl Mrs
5 Phillips Gerald E
6 Clough Hurley R
7 Shoemaker Leland C
8 Kessler Martha B Mrs
9 Phillips Harry M
10 Weddle Claude M
11 Knopf Myrtle
12ΔBeck Doris I Mrs res mgr
14 O'Geary John J
15 McGravel Daisy
22 Sellers Marie Mrs
28 Johnson Etta Mrs
24 Warner Eliz
25ΔMorton Oliver P
26 Reyburn Margt
27 Crum Jas
28 Blaich Anna P
29 Newton Richd
Street continued
312 Webb Wm M 2d hd furn
315-17ΔBallard Ice Cream Co
316 **Brandt The** (For occupants see 351½ Mass av)
318½ **Frances The**
Apartments:
1 Wooldridge Bryan J
2 Bray M G
3 Murrell Wilbur H
4 Dugan Myrtha L Mrs
Street continued
320 **Crawford The**
Apartments:
1 Kelley Harry
2 Porter Floyd
3 Geis Edw
4 Nagley Frank E
Street continued
321-25ΔSears Roebuck & Co dept store
Vermont intersects
Massachusetts av intersects
402 Sears-Roebuck & Co filling sta
408ΔCarmichael Lela
412 **Devonshire The**
bsmt Thomas Oscar custdn
Apartments:
101ΔFreeman Harry M
Freeman Pearl R Mrs res mgr
102 Quinlan Dowe
103ΔGreenlee John
104 Mann Danl
105 Raina Chas
106ΔHarris Martha
107 Weaver J Ray
108ΔJudd Ona Mrs
109 Anderson W G
110 Evans Max B
111 McGlynn Wm
112ΔDowling Wm J
201ΔMills Grace
202ΔPohlmeyer Marcellus R
203 Peterson Bernard
204ΔKillion Geo
205ΔHiner Dwight R
206 Baxter Beatrice
207 Hunt Taylor
208 Morgan Frances M
209 Girty Merle
210 Ryan Carroll
211 Bennett Byard
212ΔAx Herschel G
301ΔSnyder Floyd E
302ΔLandy Oswald O
303ΔJenkins Walter
304 Snider Carl B
305 Blaich Otis
306 Blessant A P
307 Stewart Virginia
308ΔPerkins Jos C
309ΔWilliams Ruth
310ΔBerkowitz Allan S
311 Bennett John E jr
312ΔHobbs Harry
Eden pl intersects
418ΔChambers Plumbing & Supply Inc
418½ **Apartments**
1 Hyskell Philip H
2 Broderick Patricia E
3ΔChambers Aldo
Street continued
420ΔBaptist & Baptist Chiropractors
Baptist Jos
424 Larasza Peter
426ΔAsh Thos
428 Piercy Kate Mrs
430ΔRiggs Jos filling sta
433-37 Fitzpatrick Myrtle Mrs furn rms
441-47ΔMcVey Walter P
Michigan intersects
500 Vacant
503 Potenger Wm B
ΔHoover Wm A
505 Manero Cora E
507 Newforth Wm
510 Ross Earl E
511 Newforth Forrest L
512 Hays Wallace D
513 Anderson Wallace
Loy Betty nurse
514ΔPatrick Walter E
515 Khoury Habib K gro
516 Birchard Minnie Mrs
517 **Apartments**
1 Vacant
2 Green Geo
3 Kirkendall Willard
4 Clapper Maude Mrs
5 Sloan M Ellen
6 Bender John
7 Wells Kenneth
8 Conwell Lana
9 Jacobs Michl
Street continued
518 O'Brien Sarah Mrs
520ΔHarding Lewis A ⊙
521 Pittman Ray
523 **Gaylord The**
bsmt Tyson Walker W custdn
Apartments:
1 Roback Emma Mrs
2 Cramer Blanche Mrs
3 Bush Harry F
4 Fowler Edwin
5-6 Black Fanny Mrs
Street continued
524 Hall Wm
525 Diggs Grover
528 Howard Danl V
530 Summers Jos
North intersects
601ΔYellO-Taxi Co
602 **The Worthington** (For other apts see 230 E North)
Apartments:
7 Carter Mildred S
8 McIntosh Wilbert
9ΔBenjamin Louise A Mrs
10 Halle W A
11 Rogers Ivan B
12 Carroll Herman
13 Spencer Daisy Mrs
14 Phillips Wilma E Mrs
15 Bullens Robt
Street continued
607 Farage Fred gro
610-14 Indpls Gospel Tabernacle
617 Phelps Frank K
618 **The Hoffman**
bsmt Murrell Jerry custodian
Apartments:
1ΔBloomfield Clinton C
2ΔEllis Lawrence J
3ΔSleeter Duffie Mrs
4 Sampson Nora Mrs
5 Tharp Clifton A
6ΔDugle Chas E
Street continued
619ΔSecurity Transit & Storage Co
Jackson Norman
620 Ulen Willette A furn rms
621 Hall Orville
622 Moore Coyde Mrs
623 Swedenborgian New Church Chapel
624 Miller Geo A
625 Jones Wm L gro
626 Hackney Eug
628 Burch Davis
E Walnut intersects
702-04 **The Logenie**
bsmt Clements Clyde custodian
Apartments:
1ΔSullivan Ruel G
2ΔThrall Richd H
3 Foy C Fredk
4ΔLouise Leon
5 Barnhart Bertram
6 Cable Millie T Mrs
Street continued
705 Sims Edw
706 Lawson Paul
Sessions Bessie A
705½ Forler Edw
706ΔMaloom Mabel Mrs
707ΔFeldman Louis ⊙ tailor
707 **Apartments**
1 Feldman Louis ⊙
2 Hill Ernest
3 Baud Andrew
4 Sipple Wilbur
5 Graham Harry
Street continued
708ΔDunn Beryl L Mrs
709 Handlon John ⊙
711 Smith Maude S Mrs
712 Amonett Tom
713ΔStarr Atlee
714ΔKriner Alex J cabtmkr
715 Traylor Lora M Mrs
716ΔJones Cora E Mrs
717ΔPatterson Ruth ⊙
718 Hawkins Mabel Mrs
719ΔNay Clifford
720-22 Cunningham Sylvia Mrs
721ΔDavis Wilfred
723 Kirsch Frank
724-26 Turpen Sylvester
728 Vacant
StClair intersects
801-03 A C T Clnrs & Lndry
805ΔStorey Alf A phys
rear Hollowell Gordon D
805½ Middleton Harry R
Summers Wm H
807ΔTucker Arth C clo clnr
811 Paulovits Agostan fruit
Ft Wayne av intersects
Arch intersects
816 Fraim John billiards
818 Lawyer Arth
820ΔBurns Maude Mrs restr
820½ Dewitt Goldie Z
822ΔLane Roy W hdw
822½ ΔMacBeth Hazel E Mrs
824 Short John E
825 Franklin Lillian D Mrs
826 Lawson Chas E barber
827ΔFoster Harry dentist
828ΔStorey Alf A
828½ Boles Marion C
Walter Wm Rev
Bennett Chas G
Heckman Clarence
ΔMoneymaker Leonard F
829-31 **The Alawayne**
Apartments:
1 Bolton Mabel
2 VonAlt Augusta A Mrs
3 Parker Nancy
4 Harper Elsie Mrs
5ΔWright Juanita M
6ΔCoffman Ela D
7 Tyer Ruth Mrs
8ΔRichards Laura Mrs
Street continued
832 Young Pearl
833 Thornburgh Orville F
834ΔStaley Fern A Mrs drsmkr
ΔHedge Edith H Mrs drsmkr
835 Howell Adaline Mrs
Ninth intersects
Sahm intersects
916 Anderson Isaiah
917 Schmitt Clara M Mrs
917½ O'Brien Mary Mrs
918 Marott Gertrude Mrs ⊙
919 Hinkle Chas R
920-22ΔSeminole Hotel
921 Burdine Wm J
923 Fulkman Clarence R
Curtis W Ellis
924 Vacant
925 Abbott Gilbert A
927 Ashley Laura Mrs
StJoseph intersects
928 Elder Herbert W
930ΔSherber Nellie Mrs
931½ Cosgrove Wm C
932ΔMoloy Wm E
933 Johnson Eldon
933½ Wolfe Wm R jr
934ΔStrawn John
936 Jackson Saml D
938ΔGosch Frank F
939 Turner Alvin H ⊙
940ΔKing Clyde
941ΔSmith Lewis R ⊙
Furyear intersects
942ΔO'Mara Geo M
943 Foust Gurney H
944 Keeter Mollie Mrs
946 Walden Fred J
946ΔUnited Laundries (br)
947 Woodburn Bessie Mrs
948 King & Goins billiards
950 Calderon Robt liquors
952ΔAbraham Abr gro
Tenth intersects
1001 Curtis Hilda Mrs
1003ΔLambert Marcella Mrs
1005ΔDavis Wm
1009 Lawson Ida Mrs ⊙ gro
ΔRush Carl
1010 Catt Everett
1010½ ΔJennings Geo F ⊙
1012 Parrish John S
1013 Sodos Morris
1014ΔMorgan Walter F
rear Hardy Frank
1015 Menke Kenneth W
1016ΔHumphrey Marshall D
1017ΔHutton Geo W
1018 Giles Edgar
1019ΔHunter Melvin R ⊙
rear Hunter Melvin R auto pntr
1020 Bailiff Ansel V
1021ΔWalker Hammond M
1022 Scott Albert
1024ΔMedcalf Anna Mrs
rear Corlett Jesse

Four Good Companies
Indiana Farmers Mutual Insurance Co.
Indiana Union Mutual Insurance Co.
Farmers Mutual Liability Co.
Indiana Mutual Hail Insurance Co.
2105 N. Meridian
Tel. Talbot 1536

FOR 76 YEARS
THE A. BURDSAL COMPANY
have manufactured best quality
HOUSE PAINTS, ENAMELS, WALL PAINTS, VARNISHES, STAINS, ETC.
206 S. CAPITOL AVE. LINCOLN 7331

Convenient Quick PERSONAL LOANS Tel. Lincoln 2426
202 Insurance Bldg.
MODEL LOAN SERVICE INC.
Over 51 Years' Experience P. A. HANCOCK, Pres.

LABAMA N—Contd
025 Kopp Minnie A Mrs
027-29ΔKroger Gro & Bkg Co (br)
Eleventh intersects
100ΔMcGinley Michl ⊙
101-03 **Apollo Apartments**
101 Beattey Jos S
102 Fidler Muriel J
103ΔKerns Stella Mrs
104-08 Work Wm E
107 **Apartments**
1ΔLingeman Roger E
2ΔHouse Wm P
3 Vacant
4 Vacant
5ΔMcCloud Harris W
6 Wade Chas A
7ΔBurrus Ruth V
8 Lynch John R
treet continued
110ΔWaters June Mrs
Truss Ralph E
111ΔPickell Gladys Mrs
115-17 Rasor Wm E
ΔButcher Cletice Mrs
119 Inman Jesse
119½ Ireland Geo E
120ΔSpangler Raymond F ⊙
121ΔBuck Mildred Mrs
121½ Britt Jas O
125ΔCory Harry H ⊙
129 **Creighton Apartments**
bsmtΔRicketts Robt W custodian
partments:
101ΔDoll Eliz Mrs res mgr
102 Harper Dorothy E
103 Heffleman Lillian
104 Craig Eliz
105ΔFalender Muriel Mrs
106ΔRokke Nella H
107 Sparks Rose Mrs
108ΔHamilton Mabel J
109ΔWright Loema B
111ΔRamsey Geo S
114ΔBrown Helen L
115 Ely V E
116 Deer Lucille M
117 Cragun Virgil E
118 Brewer Jas
119ΔCline Chas L
201 Busch Edw
202ΔLewis Carl B
203ΔHollingsworth J W
204 Roch Gertrude
205 Asher Mary K
206 Lillenberg Vernon
207 Roy Leon A
208ΔCoy Norma Mrs
209 Potter Erwin
211ΔCritzer Geo E
214 Tilton Chas W
215ΔFreihage Gertrude
216 Antrim Gail C
217 Fishman M J
218ΔBrewington Robt J
219 Roth Louis A
301ΔDenton Emerson D
302 Thomson Inez
303 Douglas Jane
304ΔGill Delphia W Mrs
305ΔDeahl Eleanor
306ΔPound Clarice L
307ΔTansella Harold A
308 Shepard Raleigh B
309 Kuszmaul Robt P
311 Searcy J T
314 Jameson J W
315 Marsh R P
316ΔLott C Emmett
317ΔAllen Wilford K
318 Wooldridge B L
319ΔExline Loyd
treet continued
132ΔPresbyterian State Office
138ΔBlume Wallace M
144ΔRoberts May Mrs
Twelfth intersects
201ΔPolen Francis E ⊙
205ΔCuddy Patk
211ΔRigby Howard R ⊙
213ΔElkins Fred F ⊙
214-16 **Rob-Roy Apts**
partments:
(A) Vacant
(B1) Collier Lillian Mrs
(B2) Jones Clarence G
(C) Allgeier Frank
(D) Harrington Ernest
(E) Vacant
(F) Gray Ralph
treet continued
215ΔPatrem Howard
219ΔPrice Jacob W funeral dir
220 Carithers Earl
Thurber Delmar
221ΔJustice Ora U
223ΔTherapeutic Capor Clinic
ΔTherapeutic Vapor Apparatus Mfg Co Inc
ΔRawlings Jas V phys
224 Rosenbalm Lucy Mrs
1225-27 **Adelaide The**
Apartments:
1ΔClark Pearl Mrs massage
2ΔPeriman Carl C
3ΔO'Connor Jean B
4ΔWood Carolyn L Mrs
5ΔJefferson Jas F
Street continued
1226ΔBrake Braxton B
Ryan Margt nurse
1228ΔMiham Jos
1230 Fraim John J
1231ΔSeidensticker Chas A ⊙
1232ΔLawler Jas A
1234ΔStucky Edw W
1235ΔSnyder Dawn O
1237 Snyder Don Q
1241ΔFirst Friends Church
1242ΔDavidson Lawrence
ΔMonnett Virlie E
1246ΔWallace Jas H
Thirteenth intersects
1301 **Miller The**
bsmtΔForeman Orville P ⊙
Apartments:
1ΔRoot Ada B Mrs
2 Dennhardt Otto P
3ΔTaylor Nellie J Mrs
4ΔFisher Frances Mrs
5 Craig Pauline E nurse
Craig Virginia nurse
6ΔBoink Johanna J
Street continued
1304ΔGates Wm B
1305ΔWalters Sarah E Mrs
1306ΔAdams Henry C
1307ΔHenson Grace B Mrs
1308ΔCarpenter Finley
1310ΔHolloway Cornelius E
1312ΔFox Leonora J Mrs
1314ΔMering C Augusta
1315ΔWhite Minnie M Mrs ⊙
1319ΔLayne Lou
1322 **Apartments**
1ΔHinkle Ray J
2ΔLaForge R Wayne
3ΔSteinfort Treeo E
4ΔHartzer Hilda J Mrs
Street continued
1323 Vacant
1326ΔRasor Inez ⊙
1332ΔDuncan John A
1335 **Apartments**
1ΔLogan Jean
2ΔRoss Edwin M
3 Vacant
4 Davies John E
5ΔPatterson Russell O
6ΔGlenn Frances L
7 Kite Donald J
8 Cline Jas W
Street continued
1340ΔHaney John J
1341ΔGlipin Asta M ⊙
1342 Runnells Robt I
Ward Noel A
Saleba Maurice
Doughty Wm T
1401ΔHiatt Mattie Mrs
1402 **Traymore Apts**
bsmt Pryor John F custodian
Apartments:
101 Sullivan Margt G res mgr
102 Kelly Geo L
103 Cooper Alice
104 Morrow J H
105 Mullin Vera
106 Hudson Earl
107 Zinken Albert
108 Faulkner R B
109ΔMcNeely Grace J Mrs
110ΔDillon Ernest E
111 Heaton Jas B
112 Massaro Jos
115 Frenk Carroll
116 Harrington Florence
201 Evans Guy
202 Cox Geo
203 Sufana Nicholas W
204 Stuckey A W
205ΔAdams Victor M
206 Peters E L
207 Vacant
208 Stidham E Wendell
209 Rowe Howard
210 Houk Jas M
211 Gray Regina
212 Cain Pat
215 Blaner Pauline
216ΔCarpenter Faydene
301 Wilson Frank
302 Holmes Harold
303 Hadley Wm
304 Ruddell Margt
305 Lane Jas
306 Caron Mildred
307ΔDenney Flossie Mrs
308 Cherveront T
309 Dunford A E
310 Kirkpatrick Geo A
311 Gott Onda J
312 Rossiter Donald R
315 Johnson Dorothy
316 Sahrbeck Chas
Street continued
1407 Henderson Francis G
Haffner Carl
ΔStJohn Richd
ΔSullivan Mary I Mrs
1408ΔThompson Jas A
ΔDavidson Geraldine
1409ΔStJohn Richd L
1412 Parkhurst Robt C
ΔBrantley Homer H
1414 McDade Jos E
ΔFerris Marie Mrs
1415 Short Clifford L
1416ΔCockrum Fannie B Mrs ⊙
1420ΔBiehl May S Mrs
1421ΔCounselman Viola J Mrs
1421½ ΔAdams Robt L
1423 Vacant
1424ΔCraig Madge R Mrs ⊙
1425 Drake Allen
1428 Vacant
1429ΔAnderson Irene Mrs
1431ΔStewart John ⊙
1435ΔKimble Adele P Mrs ⊙
1436ΔMadden Wm M ⊙
ΔSchmutte Robt W
1437 Herring Ovid B
1439ΔWyant Cecil L
1440ΔWilson Wm D ⊙ trucking
Cox Everett K
1441 Rice Frank V
1443 Hiland Marvin L
1443½ ΔBeck Wayne A
1445ΔClift Oral H ⊙
1445½ Revers Alvin L
ΔTyler Keith T
1446ΔMitchell Walter C ⊙
1452ΔMitchell Louis V ⊙
1455ΔAll Souls Unitarian Church
1460ΔWarrender Jos A
1461ΔMentendiek Maurice H
1462ΔLeeds Chas A
1465ΔMcCarty Fred H
1467 Karrer Marie Mrs ⊙
Hutchinson Vern
Koehler Harold G
McGuire Floyd A
1468ΔSchmidt Minnie K Mrs ⊙
Rose Grace F Mrs
1469ΔAdams Wm R
Fifteenth intersects
1507-15 A & P Stores (br)
1508ΔSacre Calvin G
Gladish Pansy
ΔMartin Christian L
1510ΔBauer Robt E
1512 Scott Wilson T
1514ΔWorthington Claud
1516ΔSmiley Florence E Mrs ⊙
1518 Durbin Chas E
1520-24 Omar Inc (br) bakery
1526 Gardner Frank C cigars
1529ΔIpalco Club
1532ΔHarbison Benj C drugs
Sixteenth intersects
1601 Loy Melvin restr
1602 Elmore Roger M filling sta
1603 Vacant
1605ΔLewis Norval W
1610 A C T Clnrs & Lndry (br)
1610½ ΔPlatzer Geo F ⊙
1613 Dilley Wm
Smith Euliss D
1614 **Apartments**
1 Kane Milburn jr
2 Hoffman Arth
3 Nichols Clara
4 Harris Paul A
Street continued
1615ΔMartin Geo A ⊙
1617 Beck Walter W
1619 Ricks Jas
1620ΔHume Claude L ⊙
1621 Young Chas G
1623 Darnell Barbara E
1624 Meunier Edw J ⊙
ΔAverill Emma E Mrs
1625ΔMcCool Danl F
1626 McNelis Patk T
1627ΔO'Neil Esther ⊙
1628 MacLellan Josephine
1629ΔMcGuire Omer W
ΔOstermeyer Marion G
1630ΔMcNelis John G ⊙
1631 Ramsey Jesse T
1634 Cox Fred
1635ΔGisler Fred C
1636ΔEvans Rowland ⊙
1639ΔMcClellan Jessie
1640ΔSmith Alberta ⊙
1641ΔFinch Lester K ⊙
1642 Vacant
1644ΔBokelmann Wm J
1645 **Harley Terrace**
Apartments:
1ΔSmith Gertrude
2ΔDurre Edw M
3 Durre Edgar L
4 Harris Edw W
5ΔPingold Louis M
6 Bailey Clyde
Street continued
1648ΔMcMullen Benj E

STONE, STAFFORD & STONE
The Employers' Liability Assurance Corp., Ltd.
American Employers' Insurance Co.—Employers' Fire Insurance Co.
6th Floor Consolidated Bldg. Tel. Market 1451

Staley Signs
MANUFACTURERS
NEON
SIGNS
OUTDOOR ADVERTISING
SHOW CARDS
515 PARK AVE
LINCOLN 1581

HORNADAY MILK CO. Inc.
1445-1447 W. Market
PHONE MARKET 5335

L. M. BROWN Abstract Co.

ABSTRACTS OF TITLE

TITLE INSURANCE

ESCROWS

150½ E. Market

Market 3448

Plant Established 1868

State Agents Lawyers Title Insurance Corp.

Assets Over $2,000,000.00

Grain Dealers National Mutual Fire Insurance Company
C. R. McCOTTER, Pres.
Fire — Windstorm — Automobile — All Risks Policies
1740 N. Meridian St. Phone Wabash 2456

ALABAMA N—Contd
1649 **Moynahan Apartments**
bsmt Benedict Edmond janitor
Apartments:
1 Catherwood Mary
2 O'Connor Susan Mrs
3 Hamblen Ray
4 Moss Harold
5ΔKahl Geo W
6 Silcox Ella Mrs
7 Pease Josephine
8 Gerber Ruth
9 Pence Bert C
10 Thoren Chas A
11 Vacant
12 McVey Jas F
14 Pressler Jos S
15ΔBerg Benj D
16 Westfall Donald
17 Rhudy Josephine Mrs
18ΔOldham Evelyn L
19 Ricketts Claude A
20 Rogers Drucilla J
21 Vacant
22ΔJohnson Lawrence E
23 Davison Robt H
24 Headlee Josephine F
25 DeBruler Walter
26 Ordel Ray F
27 Pollins Clarence M
28ΔFarr Jas C
29ΔCash Hazel
30ΔJones Lora Mrs
31 Davids Max A
32 Reynolds Ruth
33 Vanstrum Paul R
34 Vacant
35 Vacant
36ΔDrach Max J
37ΔAllar Wm S
Street continued
1654 **The Normandy**
Apartments:
1 Ivory Mayme Mrs
1ΔSparks Chas O
2 Lawrence Max
3 Dearinger Anna L Mrs
4 Trotter Chas L
5ΔPratt John T
6 Beckell Oliver H
7 Ballard Wm H
8ΔWeber Geo R
rearΔSparks Chas C
Street continued
bsmtΔJackson Saml E
1655 **Moynahan Apartments**
Apartments:
1ΔO'Connor Loren M
2ΔDeVersy Emma K
3 Adkins Geo
4 Nirenstein Bernard
5 Oliver Alf C
6 Wesner Carroll R
7 Fichter Franklin
8ΔMcGuire Carson
9ΔMoneyhun Lucille M Mrs
10 Banilower Rose
11ΔZeigler John M
12ΔHamburger Sara Mrs
14 Yeazel Carl L
15 Ostermeier Wm F
16 Blanton Woody M
17 Johnson Grant B
18ΔMcCord Ruth
19 Vacant
20ΔMichael Mary B
21ΔNavarra Michl R
22 Fisher Frances L
23 Smith Casper
24ΔLangohr Robt W
25ΔSeeger Nell M
26 Hudson Paul H
27 Howell Clara E
28ΔWehr Margt A Mrs
29 Ellis Wm C
30ΔHartsock Richl M
31 Roberts Birthel Mrs
32ΔCoffin Lavina A Mrs
33ΔFischer Ruth
34 Storms Raymond R
35 Vacant
36ΔFavre Albert L
37 Cole Ann

Seventeenth intersects

1701 Vacant
1702 **Neuville Apartments**
bsmtΔGallagher John F
1ΔFlax Irving
2ΔCordell Ernest
3ΔHudson Paul
4ΔSpears Irene Mrs
5ΔRidge Halcie
6 Hendrickson Chas L
7ΔGerstien Max
8ΔLower Robt E
9ΔDonnell Margt
10 Gibson Clell
11 Gorman Harry
12 Gillis Opal Mrs
13 Kistler Robt
14 McMahan Myrtle Mrs
15ΔApple Gertrude M
16ΔSparks O Marie
Street continued
1705ΔLichtenauer Emil M ⊙
1706ΔHill Paul C
ΔAlbright Rufus W
Robinson Jas G
ΔRoettger Edwin A
1709 Sweet Lucille B Mrs ⊙
1710ΔBrodbeck Townsend
Curran Wm J ⊙
1714 Vacant
1715ΔBrodbeck Townsend C ⊙
1716ΔMight Cecil E
1717-19ΔPryce Margt ⊙
1721ΔProbst Henry S
1722ΔEarls John H ⊙
Cretors Karl A
1726ΔDuke Maud M Mrs ⊙
1727ΔHaines John E
1801 Virgin Harold M
1803ΔPerris Isaac
1805ΔTongret C Esther Mrs ⊙
1806ΔMyers Inda Mrs ⊙ photog
1809 Rice Margt Mrs ⊙
1810ΔLewis Geo S ⊙
1815ΔHartwick Wm F ⊙
1816ΔShearin Edith Mrs ⊙
1817ΔMorgan John
1818ΔJergang Ethel Mrs
1819 Peters Lula Mrs
1821ΔPoe Teresa Mrs
1824ΔKennedy Harry G ⊙
1824½ Brodie Margt Mrs
1826 Jackson Homer J
1827ΔHeck Ray G ⊙
1828 **Apartments**
2ΔRogers Kenneth
3 Vacant
4 Minter Anna H Mrs
Street continued
1830ΔMorris Winfield S
1831ΔO'Mahoney Jos F
1832ΔSchreiner Kathryn
Nichter Felix
1833ΔKrieg Floyd M ⊙
1834ΔParrish Chester O ⊙
1837ΔSnyder Juniata W ⊙
1838ΔYoung Geo W ⊙
1842ΔDawson Anna G ⊙
1843ΔConnell Thos Co plmbrs
1844 Schurnke Bud
1844½ Carroll Chas E
1846ΔTresenriter Clarence E
1847ΔCivic Theatre of Indpls
1848ΔHyman Eda Mrs gro
1852 Vacant
1853ΔDuckworth Cleaners
1854ΔShockley Geo
1855 Vacant
1856 Vacant

Nineteenth intersects

1901 Vacant
1902ΔLehman G Albert ⊙
1905 Vinson Mildred
1906ΔStephenson Claude J ⊙
1907ΔBecker Pearl
1907½ΔAltevers Anthony J
1909 Vacant
1911 **Apartments**
1ΔHutler John Edw C
2 Simmons Freda
3ΔNoel Theresa D
4ΔSimons Ernestine M
Street continued
1912ΔBandy Jas V ⊙
1915ΔHampton John E
1917ΔForrest Gertrude V
1920ΔArthart John H ⊙
1921ΔSmith Annabelle B Mrs ⊙
1925 Hill Casper
1926ΔSmith Ida G Mrs ⊙
1927ΔCreekbaum Walter ⊙
ΔMcEvoy Harold
Higdon Kenneth
Thayer Earl
1929 Vacant
1930ΔOgle Mary S ⊙
1931ΔSmith Raymond
1931½ΔChampion Morris
1932ΔScanling Angela B Mrs
1933ΔKoss Anna Mrs ⊙
1934 Carey Louis G
1935ΔLuke Floyd M ⊙
1936ΔMiller Ella Mrs
1938ΔHeuer Anthony W
1939ΔGoore Sue S Mrs ⊙
1940 Vacant
1942ΔGunnell Blanche Mrs ⊙
1942½ Nighswonger LeRoy
ΔMumaugh Harry E
1944 Stafford Chas J ⊙
1946ΔCarson Wm D
Carson Mary L Mrs nurse
Carson Ann nurse

Twentieth intersects

2001 Pruitt Clyde
2001½ΔSmith Chas H
2002ΔScott Elmer E ⊙
2008ΔSaulter Mary J Mrs ⊙
2009ΔMcKenna Margt Y ⊙
2011 **Apartments**
1ΔAnderson Richd
2ΔMcCullan Dwight E
3ΔHorne Esther H Mrs
4 Wright Donald L
rear McKamey Jesse F
Smitha Ollie
Street continued
2012ΔLanham Walter M ⊙
2018 Powner Robt
2019ΔHess Emma ⊙
2020ΔRickert Grace L Mrs
2021 Walker Ernest R
2022ΔDearborn Della ⊙
2023ΔVaught Karl R
2025 Vaught Albert M ⊙
2029ΔMcDougall Frank W ⊙
Whittington Wm P
2030ΔMayer Geo J ⊙
2033 Vacant
2037 **Apartments**
1-2ΔBreedlove Violet Mrs
3 Meng Stanley
4 Fay Inez Mrs
5 Lane Joyce
6 Miller Alice
7 Roberts Evelyne
8 Kline Emil
9 Long-Street Leigh
10 Vacant
11 Mushrush Errol
Street continued
2038ΔHegarty Bridget Mrs ⊙
ΔDollarhide Geo
2041ΔApartments
bsmt Lancaster Chas
1ΔWileden Max
2-3 Secrest Maude L ⊙
4 Meyers Louise
5 Vacant
6 Martin Miriam Mrs
7 Davis V Marie
8ΔWood Ross
Street continued
2042ΔBrock-Jones Sophia Mrs ⊙
2044 Redenbarger Walter
ΔTheard Julia Mrs
2045ΔDavis Marion L ⊙
2046 Burns Jas J D ⊙
2049ΔPendergast Harley L ⊙
ΔBailey Virginia
ΔKosanke Harold
2051 **Apartments**
1ΔWalters Rupert J ⊙
2 Short Helen
3ΔSolomon Mack
4 Wilhite Harry H
Street continued
2051ΔFreeland Leander T Rev ⊙
2052ΔEllery Wm C ⊙
2054 Trapp Herman
Reynolds Frank
Frye Herman
2055ΔFoyser Lewis N ⊙
2056ΔShea Cornelius C ⊙
2057 Bolt Cecil P
2059 Mack Thos W
ΔMerriman Paul
ΔMurray Theo
Bender Roger
2060ΔJohnson Downing ⊙
2064ΔBurks Edna M ⊙
2065 **The Manatee**
Apartments:
1-2 Hollingsworth Harry G
3 Hofmann J Albert
4 Vacant
Street continued
2066ΔCatherwood Lettie R Mrs

Twenty-first intersects

2101ΔImbler Benj F ⊙
Cole Arth
2102ΔHoward Ethel M Mrs ⊙
2108ΔOgden Julia H Mrs
2109ΔMcNulty Bridget Mrs ⊙
2110ΔHendershot Fred H ⊙
2111ΔFanner Laban W ⊙
2114ΔBarron Wm V ⊙
Filleichnis Jos
2115ΔCollman Alma Mrs
2117ΔWhitehead Frank M
2118ΔPantzer Cora I Mrs ⊙
2122ΔHoosier Jas W ⊙
2123ΔWhiteman Mercer ⊙
2124 Wright Loris
2125 Vacant
2126ΔBunch Elsie M Mrs ⊙
2129ΔGallagher Ernest
ΔSheppard Jas
Ogden Nellie nurse
2129ΔFeake Wm B ⊙
2130ΔSenefeld Arnold J ⊙
2134ΔFitch Philip S ⊙
2135ΔRusso Dorothy R Mrs ⊙
2140 Vacant
2142 Roelke Paul L
2143ΔO'Connor John F ⊙
2144ΔHabing John G ⊙
2146ΔMcComb E H Kemper ⊙
2146 Langsenkamp Lillian
Brennan Jno F
2149 Hopkins C Howard
2151 Heimansohn Leidore
2152ΔLavery Irvin F
2153 Smith Fred F
2154ΔReardon Mary E Mrs
2155 Lindley Agnes K Mrs

The BEST LETTER SHOP
Multigraphing
Mimeographing
Mimeoscoping
Addressing
Folding
Mailing

833 OCCIDENTAL BLDG.
Tel. LI-4643

DODGE AND PLYMOUTH—*Parts and Service*
FADELY-ANDERSON, Inc.
Complete Line of Used Cars
Dodge Trucks
3547 E. WASHINGTON TEL. IRVINGTON 8341

840-848 NORTH NEW JERSEY
Excelsior LAUNDERERS - DRY CLEANERS
PHONE RILEY 3591

ABAMA N—Contd
58ΔMcPherson Paul J ⊙
ΔHenshilwood Alf J
60 **Apartments**
1 Best Raymond
2 Rader Roy
3 Shrout Clara Mrs
4 Smith W Carroll

Twenty-second intersects

61ΔKelton Jas D
62ΔCook Ethel M Mrs ⊙
62½ΔGeiger Grace Mrs
63ΔWhite Steph G
64ΔCherry Richd B
65ΔPollak Max ⊙
English Jas E
66ΔSherer Eura M Mrs ⊙
11 Warrick Earl T
14 Berlier Geo ⊙
15 Watters Chas W
17 **Apartments**
1ΔLowell Marvin
2ΔMichaelis Eliz A Mrs ⊙
3ΔKramer Karl
4ΔGehrett Homer
eet continued
ar Day Willis
19-23 **Rose The**
artments:
1ΔWhite Chas S C
2ΔHanscom Helen I
3 Patton Leland O
4ΔScott Clarence
eet continued
20ΔSpiegel Anna Mrs ⊙
22 Clack Jas
24ΔAlbert Harvey
25ΔTrueblood Kathryn
26 Vacant
27ΔLeuthold Lillie Mrs
27½ Leuthold Lawrence E ⊙
29 Lee Shelby C Rev
30 Coulter Geo H
32ΔGelger Frank H
33ΔBeck Marie M Mrs ⊙
34ΔWelsh Alf L
35ΔBush Clay
36ΔShuck Russell N
37ΔBernloefr Anna B Mrs ⊙
38ΔWorkman Wm A ⊙
41ΔHollcraft Jas W ⊙
42ΔWinders O Garry ⊙
45ΔSheridan Danl A ⊙
46ΔBlackmore Harry J ⊙ roofer
47ΔStehlin Margt E Mrs ⊙
49 Eisenmann John J
50 Schneider Morris
53ΔPretzfelder Lena
54ΔCarr Geo L ⊙
55ΔBlumenthal Tillie Mrs ⊙
58ΔNeudigate Ina Mrs ⊙
59ΔChown Wayne
Buhler Wm B
61ΔCohen Jos
62ΔO'Hair Belle ⊙
63 Matlock Lella R Mrs

Twenty-third intersects

01 Seventh Day Adventist Ch
02ΔGardner Alma Mrs ⊙
02½ΔJacobs Mary E
06ΔEagleson Wm R ⊙
10ΔEdwards Mary L Mrs ⊙
Scott Lillian M Mrs nurse
14ΔTracy Lon ⊙
19 Vacant
20ΔKail Leo J ⊙
22ΔBlack Chas A
24 Jeffers Gene H
25 Petersen Walter A
26ΔStaerk Anthony ⊙
27ΔMobley Albert E
28ΔRingenberger Edw L
29 Vacant
30 Weil Jack
32 Jarvis Herschel E
34 Below Francis N
35 Stone Richard R
36ΔHuder Eliz K
37ΔKeller Gertrude Mrs
39ΔDaft Oswald C
40ΔHammerschlag Esther Mrs
41 Carpenter Carl
42ΔPerkins Emmett E
43ΔFrench Richd E
44ΔGlennon Robt M
45ΔPeters Mendes C
46ΔRigdon Donald W
47ΔNichols Dennis L
48ΔWinn Mabel L Mrs ⊙
49ΔHowe Carrie E Mrs
50 Neff John W
51ΔFarmer Verner H
52ΔWilliams W Durbin
53ΔThon Rachael Mrs ⊙
54ΔSacks Harry L
55ΔMontgomery Maurice A ⊙
Payne Norval
Brunelle Chester
Chapman Hugh
56ΔHarmon Jas
57 Hostetler Harve H ⊙
58 Powell J Russell gro
59ΔSebern Norman E
61 Buscher Geo
2363ΔPaulissen Julia B Mrs ⊙

Twenty-fourth intersects

2402ΔMcDaniel Millie Mrs
2403ΔJeffries Wm H ⊙
2404ΔBates Addie Mrs
2405 Bradley Geo F ⊙
2406ΔBartick Morris B
2408ΔBartick Jacob ⊙
2409ΔRoberts Perry V
2410 Ross Jas R
2411ΔTutt Wm H ⊙
2412ΔAlexander Chas W
2414ΔBreisacher Berthold ⊙
2415ΔSullivan Jos E
2417ΔGold Sol A ⊙
2418 Cox Levi F
2420ΔMiller Edw
2421 Stallings Hattie E Mrs
2423ΔKleis Harry
2424ΔBecker Otis G
2425 McCoy Elsie O Mrs
2426 Pigg Addie M Mrs
2427 Friedman Chas W
Friedman Dolores E nurse
2428ΔPortney Abr Rev
2429ΔSedam Chas H ⊙ paint mfr
2432 Wadsworth Robt D ⊙
2433ΔCameron Willard L
2435 McCormack Frank
2436ΔStratton Melvin B ⊙
2437ΔRapp Gratton R ⊙
ΔKeller Geo A
2438 Travis Grafton R ⊙
2439ΔMeck S Morris
2441ΔThompson Emmett L
2442ΔCohen Arth B
2443 Palm Jonas E
2444ΔMarcus Isadore ⊙
ΔWhitelock Harold
2445ΔBrenton Geo C
2446ΔStanley Wm H
Streibich Harry
2447ΔRyan John T
2448ΔBattista Rosie Mrs
2449ΔKeller C Edwin ⊙
2451ΔEhnhart Ward M ⊙
2452ΔRichardson Alonzo E ⊙
2453ΔSamper Ferdinand
2454ΔValentine Ira R
2455ΔWild Meyer H ⊙
2456ΔDavis Pearl
2458ΔGertz Magdalena R Mrs ⊙
2460 Burkhardt Arth A

Twenty-fifth intersects

2501 Moyer Chester C ⊙
2502 Wood Louise O Mrs ⊙
2503ΔMichael Lawrence H
2506ΔHine Virginia W Mrs
2509 Harvey Harrison H
2510ΔHill Norman H ⊙
2511ΔParmer John
2513ΔEdwards Jas U
2516ΔCooper Saml ⊙
2516½ΔWoods Chas
Heaten Saml D
2517ΔLeamon Eliz N Mrs
2518ΔFenton Omer W
2519ΔSummers Harry G
2520ΔBranham Grace A Mrs
2521ΔHill Effie C Mrs ⊙
2524ΔDavis Leland F ⊙
2525ΔLloyd John A
2526ΔStehlin Geo H ⊙
2529ΔMerschke Harold W ⊙
2530ΔBauman Chas ⊙
2531 McMillan Kenneth V
2533 Campbell Donald
Carl Vearil S
2534ΔRichardson Wm T ⊙
2535ΔKeeling Estella A Mrs ⊙
Kern Wayne A
2539ΔHanna Eleanor B Mrs ⊙
2540ΔSwonger Minnie Mrs ⊙
2541ΔKestner Emma Mrs ⊙
2542ΔPriest Armond A
ΔJohnston Robt M
McNiel Cleo B
2545ΔHarvey Flora Mrs
2546 Jameson Guy E
2547 Holland Julia
Fopper Alice L
2548 Jordan Francis A
2601ΔFreeman Harry Z ⊙
2602ΔWaller Wm O
2604 Shearer Goldie C Mrs
2605ΔStrange Geo W ⊙
2606 Shaffstall Albert ⊙
2609ΔHolmes C Oliver ⊙
2610ΔRobins Merit B ⊙
2615ΔCameron Jas R ⊙
2616ΔKing Fred I
2617 Beasley Howard L
2618ΔBadger Cecil F ⊙
2619ΔPeely Naomi Mrs
2620ΔBanta Florence B Mrs
2621ΔLewellyn Wm C
2622ΔHarper Perry B ⊙
2625ΔHunter Marie W Mrs
2626ΔRunyan Saml E
2628ΔCoakmann Otto C ⊙
2630 Foote Robt C
Foote Bertha E Mrs nurse
2631ΔJanney Carleton R ⊙
2635ΔBarnes Martin R
2636ΔLawrence Leander A ⊙
2637 Kurtz Harold ⊙

Fall Creek blvd intersects
Fall Creek crosses

ALABAMA S—From 301 E Washington south
14 Newport & Kelley auto reprs
16 Vacant
18ΔFarr Albert bondsmn
19-21 Juvenile Aid Division
(Indpls Police Dept)
20ΔFrankfort Martin bondsmn
22ΔRapia Mary Mrs bondsmn
ΔBlomberg Clara Mrs bondsmn
23 **Alabama Apartments**
Apartments:
1-2 Armand Sadie Mrs
3-4 Hill Paul L custodian
5-6 Nemitz Emma Mrs
7-8 Vandergriff Chas
9-10 Owens Grace Mrs
11-12 Willis Mae Mrs
13-14 Simpson Robt L
15-16 Healy Edw L
17-18 Balo Mary Mrs
19-20 Snowden Perry J
21 Denham Isaac F Rev
23-24 Cadwaller Wm
25-26 Wade Sidney O Mrs
27-28 Avant Addie Mrs
29-30 Kennedy Geo C
31-32 Roberts Gladys H Mrs
Street continued
24ΔCampbell Harry I bondsmn
ΔMeeder Albert P bondsmn
25 Feld Lucille Mrs restr
27ΔFoppiano Jos bondsmn

Pearl intersects

32-48ΔMarion County Jail
Petit Otto W sheriff
ΔMarion County Accident
Prevention Bureau
33-37 **City Building**
ΔPolice Dept
ΔCity Jail
ΔMunicipal Court Rooms 3 and 4
ΔMunicipal Court (Probation Dept)

Maryland intersects

110ΔHawkins Robt & Co brokers
114ΔJaggers Cash & Carry Wholesale Grocery Co Inc
120-40ΔHitz Geo & Co produce
144 Maupin Geo W filling sta

Virginia av intersects
Louisiana intersects

301ΔMich-Ind Transportation Co
ΔB&O Warehouse Corp
ΔM & L Transit Corp
ΔB B & I Motor Freight Inc
ΔHargis Truck Line Inc
ΔKile's Motor Express
311 Vacant
315 Vacant
317-21ΔPaetz Geo L & Sons
uphol supplies

South intersects

401-03ΔHarris Motor Transportation Inc
419 Foster Edith
423 Case Jos
424 Payne F Estella Mrs

Empire intersects

427 Stewart Frank
431 Edwards Chas W
433 Voi Anthony ⊙
438-42 Drexler Chas Co (shop)
439 White Chas
443 Cook Goldie M Mrs
444 White Glenn
446 Byard Robt A

Henry intersects

501 Williams Ellen Mrs
503ΔLong Jas R ⊙
504ΔCaito Michl fruits
504½ Mercurio Jos fruits
510ΔPatterson Abr ⊙ gro
514 Wines Robt M
516 Pringle John W
517ΔIndiana Chemical & Mfg Co Inc
519 Reid Daisy Mrs
Patterson Wm
524 Bailey Wm T
525 Sands Chester ⊙
525-27ΔAcme Delivery Service
526 Greeson Ralph W
529ΔHansbrough Earl
530 Hatfield Albert T
532 Burrello Carlo D
532½ Ball Frank
533ΔWeber Walter M ⊙
536 Johnson Jas H
537 Tinsley Edw
538ΔDuncan Claude W
540 Vacant
542 Wickham Frank

Merrill intersects

621ΔMorgan Floyd furn rms
623 McNevin John F
625 Morgan Floyd furn rms
629ΔBinghams Saml Son Mfg Co printers' rollers

Stevens intersects

ROGERS and COMPANY
Income and Inheritance Tax Consultants
901 Hume-Mansur Bldg. Phone Lincoln 7576

Wege Marble and Tile Co. of Ind.

Complete Mill facilities for cutting and polishing Marble and Granite—Marble Store Fronts — Structural Slate — Blackboards, Slate and Marble Flagstones, Glass Wainscots.

333 N. Penn
Suite 911-927
Tel. Riley 7531

Metropolitan Coal & Oil Co.

Clean COAL COKE

Furnace Oil
Stokol
Stokers
Gasoline
Motor Oils

1001 Massachusetts Ave.
Lincoln 5488

North Yard
1101 E. 46th St.
BROADWAY 5488

BILT WELL MILL WORK
Lumber
Insulation - Roofing
ADAMS-ROGERS CO.
White River Blvd. Between Kentucky and Oliver
BELMONT 4410

Marott's
Home Owned
SHOE STORE
18-20 E. WASH. ST.
55 YEARS SHOE SERVICE to the ENTIRE FAMILY
Buy SHOES AT A SHOE STORE
EXPERT SHOE FITTERS
X-RAY FITTING
Marott's Home Owned Shoe Store

ADAMS—Contd
2169 Lochard Elmer G
Massachusetts av intersects
CCC&StLRy crosses
Roosevelt av intersects
2252 Cloyd Haskiel M ⊗
2256Δ Morehouse E Glenn ⊗
2260 Brown Lyda B Mrs
2261 Hollinger Ernest ⊗
2264 Brown Claude
2266 Smith Dale B
2267 Baker Alvie D
2269Δ Collins Glen A
2271Δ Pratt Harry J
2272Δ Watson Jas I ⊗
Twenty-third intersects
2305Δ Woolf Raymond P ⊗
2306 Oberthur Eliz Mrs
2311 Hammond Fay L
2312 Collins John F
2313 Emery Chas L
2314Δ Stephenson Frank R
2317Δ Curry L Wm
2318 Stringer Elsie C Mrs
2321 White Oliver G ⊗
2322 Camp David O ⊗
2325 Linder Jas F ⊗
2326Δ Paxton Harry L ⊗
2329Δ Love Ernest E ⊗
2330 Livingston Clovis B
2330½ Alting Rudolph B ⊗
2333 Vernon Otis A
2334Δ Bise Jos A
2336Δ Daugherty Stanley A
2337 DuChemin John A
2339 Wallsmith Godfrey F
2341 Hullett Geo C
2342Δ Fentz Asbel E ⊗
2343 Kurl Jas S photog
Glen dr intersects
2346Δ Watson Delbert O ⊗
2352 Christ John V
2353Δ Smith Albert P ⊗
2355Δ Terrell Wm A ⊗
2359Δ Burwell Asa ⊗
2360 Stanley Myrtle F Mrs ⊗
2361 Zehnder Russell W
2362Δ Frolke Frank V
2363 Spreen Wm C
2365 Harris Amelia K Mrs ⊗
2366Δ Maners Harry B
2369 Shannon Willard C ⊗
2376Δ Bishop Archie L ⊗
2378Δ Taylor J Roy
2379Δ Cook M J Products Co Inc
2380 Kopp John R
2381 Voelz Theo gro
2401 Welch Wm H
2402Δ Cromer Jas A ⊗
2403Δ Fentz Chauncey L
2405Δ Bailey Carl E ⊗
2410Δ Johnson Robt D
2413 Hockett Orville D
2414 Cone Grover ⊗
2417Δ Apple Hobart ⊗
2418Δ Umbarger Walter L
2420 Klem Robt J
2421Δ Couts Era Mrs ⊗
2422Δ Kincaide Curtis C ⊗
2424 Fendley Theo
2425Δ Robbins Wilbur O
2426 Costin Louis H ⊗
2429Δ Fulmer John A ⊗
2430 Wright Edw C ⊗
2431 Vacant
2431½ Bell Chas W
2434Δ Wenz Cecilia S Mrs ⊗
2440Δ Brown Edgar F ⊗
Twenty-fifth intersects
2518 Ackman Herbert J
2522Δ Flint Anthony O ⊗
2526 Fisher Gerald H ⊗
2530Δ Nicholas Robt A
Twenty-sixth intersects
2601 Patterson Omer L
2603 Gates Louis W
2611 Bertrand Henry J
2615 Elsea Saml A
2621 Hoffmann Virgil L ⊗
2623Δ Dunn Sarah A Mrs
2627Δ Payne Floyd W ⊗
2630 Heck Leroy
2631Δ Mitchell Albert R ⊗
2634 Carney Fannie M Mrs
2710 Gardner Mallie T
2714 Green Edna B Mrs ⊗
2718 Orff Claude ⊗
2719 Butterfield Wm ⊗
2721Δ Zorn Fred J ⊗
2722 Williamson Chas W ⊗
2726Δ Epperson John R ⊗
2730 Vacant
2732 Windlsch Roy H
2734 Bolton Arlie L
2736 Neville Wm
2738 Myers Geo W
2739 Fielder Warren ⊗
2742 Godsey Danl ⊗
2743 Richey Kenneth R ⊗
2746 Johnson Vanis Mrs ⊗
2749 Robbins Orville S
2750Δ Harvey Gustavus J ⊗
Twenty-eighth intersects
2802 Edwards Paul M
2804 Edwards Thaddeus C
2806 Gillespie Elmer R ⊗
2809 Hammonds Harvey T
2810 Fansler Richd R
2811 Flowers Arth S
2813 Crane Leon J ⊗
2816 Roeske Wm F ⊗
2819Δ Ray Claude H
2821 Richey Alf A ⊗
2822 Vacant
2826Δ Watts Kinnie ⊗
2829Δ Holcomb Virgil E
2831Δ Johnson H Lester
2851 Miller John W
2859Δ Dyer Fredk C
2860 Stephenson J Franklin
2861Δ Crist John O
2862 Smith Harry C
2864 Hack Herman H
2865 Vestal Jas H
2866 Obermeyer Chas G
2869 Christy Wm L ⊗
2870 Reagan Wm D
2875 Hauser Floral L
2877 Colburn Matthew ⊗
2880Δ Duke Lena M Mrs ⊗
Duke Carrie A beauty shop
2905 Outland Ernest E
2907 Bess Adam W
2909 Mays Gerald R
2911 Bess Kenneth W
2912 Clark B Franklin
2915Δ Kochman Louis
2921Δ Clements Peter A ⊗
2926 Thomas Cecil H ⊗
2930Δ Bettenbrock Geo ⊗
2934 Flannagan Martin B
2936 Davis Clay H
2938Δ Thomas Wm H
2949 Bender Henry A ⊗
2951 Hinman Jas E
2965 Epperson Osb
2967 Chambers Frank E
2969 Massingale Robt J
2973 Croasmun Jas E ⊗
2977 Boehm Frank J ⊗
Thirtieth intersects
3220 Smith Stella Mrs ⊗
3221 Adolph Earl E ⊗
3231 Raleigh Wm ⊗
3235 Sateson John ⊗
3249 Shepperd Mary E Mrs
Thirty-fourth intersects
3602Δ Shore John E ⊗
3612Δ Brandenburg Frank ⊗
3614 Vacant
3650 Staletovich John ⊗
3660 Stefanich John ⊗
3714 Hargreaves Emma I Mrs ⊗
3718 Sweet Foster T
3722 Branyan Ambrose L ⊗
3750 Welchel Theo A
3760 Vacant

ADDISON N — From 2600 W
Washington north to Vermont
12Δ Chadwell Noble E ⊗ contr
13 Wood Pearl M Mrs
15 Garrity Edw
16Δ Satterfield Mich Y ⊗
17Δ Masariu Arth ⊗
23 Neavill Leila B Mrs mus tchr
24-26 West Park Christian Ch
25Δ Poisel Evelyn M ⊗
28Δ Stultz Basil G Rev
30 Faulkner Willie E
31 Porter Harry C ⊗
34Δ Roberson Minnie J Mrs ⊗
35 Meyer Arth J ⊗
38 Ramsey Robt C ⊗
39 Rodgers Clarence ⊗
41 Holtz Otto V Jr
43Δ Thomas Maria E Mrs ⊗
44 Fidger John F ⊗
45 Cox Dillard
47 Conley John H ⊗
48Δ Fidger John F ⊗
50 Teney Chas A ⊗
51Δ Brown Jacob M ⊗
54 Clarke Harold M ⊗
55 Gill Walter W
58Δ Clarke Jas E ⊗
Clarke Harold M
59 Waite Raymond P jr
62Δ Anderson John M ⊗ ice
63 Vacant
65 Rice Paul G
66Δ Morris Edna L Mrs ⊗
67Δ Robertson Walter E ⊗
70Δ Carsten Eno C ⊗
71Δ Kinkead Warner W ⊗
73 Carden Alex
74 Tobias Theo T ⊗
75Δ Horner Elmer E ⊗
76Δ Blank Geo W ⊗
79 Hurst Shelby A ⊗
81 Dishman Lloyd
82Δ Slagle Marie Mrs ⊗
83Δ Mitchell John S
85 Brittain Joy O
86 Vacant
87 Brittain Flen O
Ohio intersects
201Δ Baker Clarence G Rev ⊗
202 Cook Earl C
204 Hayward Gordon
205Δ Jeffras Homer L
206 Hunt Chester A
209 Ferguson Horace J
210 Heinlein Wm A
211 Hart Jas H
212 Allen Chas W ⊗
213Δ Walker Verlis E ⊗
214Δ Jones Wm C ⊗
217 Murray Paul
218 Berry Edwin L ⊗
221Δ Kenny John W
222Δ Vestal Frank ⊗ pntr
225 Bennett Winton R
226 Brooks Jesse E
229 Trabel Elmer C ⊗
230Δ Wilking Chas J ⊗
233Δ Swails Walker A ⊗
Spencer Benj J plmbr
234 Potts Frank
237Δ Riddell Wm F ⊗
238Δ VanHorn Edw E ⊗
241 Zering Harvey E ⊗
242 Tabelman Delmar
245 Pickett V Frank
246 Vacant
249 Piscus Raymond C ⊗
250 Mitchell Geo O
252 Kelly Robt F
253 Ogden Jennie L Mrs ⊗
254Δ Martin Wm E ⊗
256Δ McOmber Vallance B
257 Mattal Jos A
258 Nelson Ida M
260 Watz Frank W
261 Richardson John A ⊗
262 Clements John F ⊗
Shute Ralph E
265Δ Catton Wm E ⊗
266 Weatherington Edgar ⊗
269 Davis Wm E
270 Miles Elijah
Fisher Lura V Mrs
274Δ Fowler Jas F ⊗
275 Lynch Thos A ⊗
278 Dowden Oren B ⊗
279Δ Legg Jas C ⊗
281Δ Butler Susan V Mrs ⊗
282 Buttz Arth ⊗
New York intersects
301Δ Tinsley Chas Y ⊗ gros
302Δ Parmer Lewis S ⊗
303 Tinsley Chas Y
305Δ Smith Harold C ⊗
309 Walls Ivan O
309 York Jos E ⊗
310Δ Perrine Chas D ⊗
313 Hybarger Melvin H
313½ Fairbanks Ralph W
314Δ Kassler Austin J ⊗
317 Manship Geo E
318 Bomgardner Emsley E
320 Wilson Agnes O Mrs
321Δ Myers Leona M Mrs ⊗
322 Meiring Anthony H
324 Woods Chas E
325 Gates E Marie Mrs
326 Cavanaugh Wm ⊗
329 Abell Christa M Mrs
330Δ Basch Wm P ⊗
333 Carrico Roscoe W ⊗
334 Guire Paskie
335 Lutz Herman J ⊗
337Δ O'Connor John P ⊗
340Δ Lenahan Mary B Mrs ⊗
341 Tompkins Gilbert ⊗
344Δ Stoner Chas C ⊗
345 Lents Herman J ⊗
348 Haywood Henry E ⊗
349 Marshall Emma C Mrs ⊗
350 Reichard Virgil
351 Dugan John ⊗
352 Russell John R
354 Dixon Ray C
356 McMullen Forrest L
357 Snyder Martin E ⊗
358 Hack Raymond ⊗
359 Sampson Raymond R
361 Vacant
362 Ellwanger Kath Mrs ⊗
366 Vonwiller Herman A
Bender Mattie Mrs ⊗
Vermont intersects
Turner av intersects

ADDISON S — From 2600 W
Washington south to TH&IRR
16 Jelf Cath Mrs
Barrett John J ⊗
17 Burton Edw H ⊗
21 Harvey Edgar W ⊗
22 Williams Leonard K
24 McCammon Hazel Mrs
25 Bradley D Lee
26Δ Lamb Henry F
28 Jacobs Hamilton E
29 Montgomery John E ⊗
30 Cook David S ⊗
33 Wilson Flora L Mrs ⊗
34 Harrington Frank D ⊗
37 Mitchell Gary O ⊗

Go Places Together
Convenient and Economical
CALL INDPLS. RAILWAYS RI-1571
SCHOOLS • CLUBS • BUSINESS CHURCHES • ORGANIZATIONS • CULTURAL SOCIETIES • PARTIES • CIVIC GROUPS • ATHLETIC TEAMS
CHARTER A BUS

The NEWS for WANT ADS..
Call RI-7441 the RESULT NUMBER

ADDISON S—Contd
38 Reading Louis W ⊗
41 Buckrop Chas F
42 Lomen Andrew
43 Mitchell Kenneth G
46 Green Dale O ⊗
47Δ Thomas Mary E Mrs ⊗
49 Creech Harley H ⊗
50 Munier Paul W
58 Day Silver R Mrs ⊗
59 Lohrmann Wm G
Jackson intersects
CCC&StLRy crosses
202 Vacant
206 Karcher Jos ⊗
210 Harrison Jas H
214 Harrison Jackson T
218 Brunnemer Fred R ⊗
222 Shelton Wm G ⊗
226Δ Robertson Lincoln
230 Lee Albert W
232 Patrick Jesse S ⊗
234 Hedge Austin W
236 Winklepleck Ethel M Mrs
Bertha intersects
302 Layton Clifford B
318 Miller Wm L ⊗
322 Taylor Wm E ⊗
328 Mitchell Silas ⊗
330 Johnson Jas F
332Δ Harris Jas F
334 Smith Richd D
336 Edwards Donald L
Ida intersects
402 Hergel John A
406 Wilson Irving
408 Koltcz Frank J
410Δ Emminger Jos ⊗
414 Wolfla Jos F ⊗
418 Medaris Oscar F ⊗
422 Branham John W
426 Jones Clara A Mrs ⊗
430 Pfeiffer Jos L ⊗
434 Wade Ralph I
Victoria intersects
502 White Wilbert H ⊗
506 Wolfla Lena C Mrs ⊗
510 Sidlik Jos V
522 Reid Walter C
526 Sidlik John J
530 Witham Cecil M
Wyoming intersects
737Δ Black Fern C
742 Edison J Russell ⊗
746 Higbee Fred J
748 Vacant
McCarty intersects
802 Harper Wm J
810 Taylor Chas A ⊗
819 Staley Carmi J ⊗
820 Claer Omega L
822 Reynolds Claude F ⊗
rear Shew Franklin J
825 Daniels C Matthew
830 Hurd Haze W ⊗
833 Harper Herschel
840 Hyatt Jos W ⊗
845 Slaughter Wm E ⊗
848 Brown Granville W
852 Griffith Walter O
853 Slaughter Harvey A
858 Mongel Roy A
865 Richey Jas R ⊗
Ray intersects
1024 Lewis Geo A ⊗
1041 Batts Ira A ⊗

ADELAIDE N—Changed to Cleveland

ADELAIDE S — From 425 E
Washington south to South

ADLER E—From 1813 S Meridian
east to Madison av
12 Leverett Saml E
13 Graves Jessie L Mrs
14 Buckner Aylett H
16 Miller Alf F
18 Eddelman Alf D
Charles intersects
20 Lohman Harold F
22 Oliver Robt E ⊗
24 Kincaid Chas H
26 Johnstgen Jos N ⊗
30 Loddell Frank L
32 DeHoney W John
34 Oathout Paul C
36 Dean Manford
39Δ Stroup Grace D Mrs ⊗
Crandell Rex
Union intersects
112 Goss Robt E
114 Heckman Donald W
116Δ McCammon Geo C jr pntr
118 Lancaster Wm M
124 Wodtke Henry R ⊗
Delaware intersects
Talbot intersects
Madison av intersects

ADLER W—From 1826 S Meridian west to Senate av
18Δ Ray Bert B
Illinois intersects

AGNES—From 940 W New York
north to Walnut
303Δ McCaslin Jas
307 Wagner Walter J
315 Tolliver Cremus ⊗
316Δ Indpls Brewing Co Inc
319 Burford Robt
323Δ Shivers Geo
323½ Stowers John
327 Brownlee Geo
328Δ Bock Otto A ⊗
331 Ferrell Virgil
332 Williams Clarence
335 Ferrell Porter
336 Robinson Ervin
339 Hawkins Wm
340 Bembry Wm M
344Δ Rogers Judson ⊗
350-52 New Light Baptist Church
401 King Pascal
403 McGee Ellis
405 Alexander Wm O
407 Hanley Edw T ⊗
409 Taylor Ida Mrs
415 Evans Robt M ⊗
419 Wilkins Jesse A
Franklin John
Jones Eliz Mrs
423 Burton Mary Mrs
425 Elliott Franklin
427 Sims Ivory
429 Valentine J David
431 Johnson Lovie Mrs
435 Guthrie Jas B ⊗
436 Bennett Rim
438 Barton Cornelia Mrs
439 Hunt Wm M
Pettijohn intersects
441 Allen Jas
Strong Douglas B
442 Marshall Robt A
443 Robey LeRoy
444 Poyntz Carrie Mrs
445 Bradley Lottie Mrs
447 Cummings Elijah A
448 Dutlitt Jas
451 Smith Wallace
451½ Collins Adda L Mrs
452 Williams Ance ⊗
453Δ Thompson Thos ⊗
454 Vacant
455 Cosby Rudolph
rear Jefferson Margie Mrs
455½ Taylor Carrie Mrs
456 Gentry Rebecca Mrs
457 Moore Anna Mrs
457½ Mosely Jas
458 Street Emmett
458½ Allen Angie Mrs
460 Carter Rose Mrs
460½ Grimes John E
461 Hughes David B ⊗
464Δ Thomas Eug ⊗
465 Friendship Baptist Church
Bell Sullivan
Michigan intersects
501Δ Berkowitz Max K gro
504 Vacant
504½ Vacant
506 Vacant
507 Hatfield Albert D
508 Williams Wm
509 Williams Dee
510 Jones John
510½ Croom Jas M
511 Chambers John L
512 Wilson Lida C Mrs
513 Maines Arth
515 Brown Odie
516 Wagner Clinton
517 Boyd Porteus
518 Beach Ide
519 Powell Edw
520 Young Jos
523 Ramsey Geo
524 Dixon Ernest L
525 Kelly Alphonse
rear Barnett John
526 Thurman Frank
rear Edeley Dorothy Mrs
527 Myers Wm B
528 Elim Baptist Church
rear Beam Geo
529 Anderson Jerry
530 Jackson Arthur
531 Sanderson Hattie A Mrs ⊗
532 Scott Jos W
533 Easton Willard
538 Frye Lonnie shoe repr
539Δ Hazelwood Theo ⊗ trucking
540 Burris Eliz Mrs
544Δ Richardson Anna E Mrs ⊗
545 McFarland Levi
547 Teeter Levi
548 Dancler Jerome H
549 Brown Fredk
552Δ Wiggins J Robt ⊗
553 Meyers Nicholas gro
North intersects

ALABAMA N — From 300 E
Washington north
ws Court House
5 Exchange Furn Co (side entrance)
7Δ Robins Fred paints
9-11Δ Schuh Bros C garden supp
9½ Mansur Block (for occupants see 312 E Washington)
15-17Δ Everitt's Seed Store
Court intersects
19-21Δ Jansen-Overman Co poultry supplies
Jansen Poultry Farm
19½-23½Δ Barnes-Ross Co adv agcy
25Δ Hoosier China & Glass Co
33-35 Central City Parking Lot
37 Lyster Alonzo tavern
39-43 Vacant
Market intersects
101Δ DeMos Jas J restr
103 Standard Grocery Co (br)
105 Vacant
107-09Δ Hoosier Poultry Market
111 Vacant
111½ Damron Savannah M Mrs furn rms
113 Burke Mollie C Mrs restr
115Δ Indpls Plmbg & Supply Inc
117Δ Cash & Carry Paper Co Inc
117½ Higgins Nell E Mrs furn rms
Higgins Jesse B
119Δ Ind Paint Roofing & Supply Co
119½ Harness & Cline real est
Chatterley Jas H lawyer
121Δ Root A I Co of Indpls bee-keepers' supplies
121½ Mahan Hotel
123 Vacant
Wabash intersects
127 New Outside Market
Gmll Chas
130Δ Cain Glenn L poultry
131-133Δ Furnas Ice Cream Co
Δ Jessup & Antrim Ice Cream Co
134 Vacant
136Δ Durham R W Co Inc window shade mfrs
136 Apartments
1 Grimes Ida B Mrs
2 Simpson Robt L
3 Trushell John
4 Chalfont Martha B
5 Goble Ellsworth
6-7 Cosgrove Lulu
Street continued
138 Stiers Frank M barber
140 Rhodes Elmer F restr
142 Vacant
144 Brosman Hyman confr
146 Whittington Wire & Iron Wks
148Δ Beck Saml contr
Gillum Lee saw filer
150 Sullivan Apartments
Apartments:
1 Kemnitz Wm F C
2 Wiley Gertrude
3 Preston Caroline M Mrs
4 Galvin Nina
5 Hatfield Clara C Mrs
6 Rice Mary Mrs
7 Solliday Florence
8 Gamble Jesse E
Street continued
152Δ Wagner Wm H printer
154Δ Boyers Hatchery
155 Virt Ephriam W restr
156-58 Viehmann F J Co (side entrance)
Ohio intersects
201-11Δ City Hall Parking & Tire Service
202-20Δ City Hall
Rooms:
2Δ Inspector of Weights and Measures
3-5Δ Street Commissioner
6 Dept of Engineering (inspection dept)
8 Troughton Sue restr
11Δ Custodian
102 City Controller's Office
Barrett Law Dept
103Δ Assessment Bureau
104-05Δ Board of Public Works & Sanitation
106Δ City Purchasing Agcy
201Δ Department of Law
202Δ Law Library
203Δ Bureau of Buildings
204-05Δ Mayor's Office
207Δ Dept of Engineering
208 City Clerk
301-02Δ Dept of Public Parks
303 U S Works Progress Admn (cleaning project)
Bureau of Buildings (Smoke Abatement Div)

Only the Finest of Food Served at THE RUSSET CAFETERIA
SAME MANAGEMENT SINCE 1922
Modest Prices & A National Reputation
37 SOUTH MERIDIAN ST.

Photographs
INDIANAPOLIS ENGRAVING COMPANY INC.
222 EAST OHIO STREET ★ RILEY 5461

Utility Insulation and Sales Corp.
Johns-Manville Home Insulators
4183 Broadway
Humboldt 1358

1887 INSURED SAVINGS

Railroadmen's FEDERAL SAVINGS AND LOAN ASS'N.
21 Virginia Avenue INDIANAPOLIS, INDIANA

1939 HOME LOANS

ALABAMA N—Contd
City Hall—Contd
304△City Plan Comn and Board of Zoning Appeals
305-06△Board of Public Safety
307△Board of Public Health and Charities
401 City Council Chamber Ind Municipal League
402-03△City Civil Engineer's Testing Laboratory
405△City Fire Alarm (Gamewell Div)
Street continued
215△Scott C M Co The beekeepers' supplies
217-19△Morris Bros Co whol confr

Miami Intersects

220-22△Indpls Printing Co
221△Superior Distributing Co metal molding
224 Sandwich Shop
225△Weelling T W Co plmbrs
226△Warren Auto Service auto repr
228△Indpls Electric Sign Co
Tuttle Carl auto parking
235△Municipal Garage

New York Intersects

303 Vaught's Super Service (stge)
307 Smith Harry W auto repairing
305-11△Economy Plmbr Supply Co
310 Baker Apartments (for occupants see 341 Massachusetts av)
312 Vacant
315-17△Ballard Ice Cream Co
316 The Brandt (For occupants see 351½ Mass av)
318½ Frances The
Apartments:
1 Miers Cralence E
2 Walters Francis M
3 Freeman Cecile V Mrs
4 Miller Frank
Street continued
320 Nicoli The
Apartments:
1 Kelley Harry T
2 Bailey Arth L
3 Gels Edw W
4 Reese Mirlam
Street continued
321-25△Sears Roebuck & Co dept store

Vermont Intersects

Massachusetts av Intersects

406 Fislar Laura massage
408 Vacant
412 Devonshire The
Apartments:
bsmt Polk Delmar custodian
101 Dowling Wm
102△Freeman Harry M res mgr
103 Hurt Nellie
104 Cruse Frances
105 Davis Mary
106 Nachand Richd
107 Williams Jas E
108 Cedarwall Louise
109 Pangburn Doris
110 Vacant
111 Whitlow E
112 Myers Natlia E
201 Claman Wm R
202 Modsching Geo R
203 Newton Harold L
204 Burke Mary A
205 Welsh Edw C
206 Tristiam Robt D
207 Ferguson T B
208 Fulton Homer A
209 Girty Myrle
210△DeLaney Edna P
211 Rensberger Victor L
212 Martino Frank L jr
301 Roberts Geo E
302△Lindsey Clarence J
303 Vacant
304 Butterfield Jas R
305 McCoy Buren J
306 Powers F F
307 Terrill Fay
308 Henry Ernest A
309 Oldham M
310△Hauch Gerald H
311 Brsun Cissie
312 Paulsel Jack

Eden pl Intersects

418△Chambers Plumbing & Supply Inc
420△Baptist & Baptist Chiropractors
424 Goodwin Elsie B Mrs
426 Apartments
1 Weighouse Theo
2 Creede Pearl Mrs
3 Rumford Raymond
4 Young Geo A
5 Rau Chas
6 Irvin Roxie Mrs
Street continued
428 Miller Maude
430△Coppler Paul filling sta
433-37 Young Pearl furn rms
441-47△McVey Walter P

Michigan Intersects

503 Potenger Wm B
505 Calhoun Anna
507 Ash Noble
510△Grouch Goldie F Mrs
511 Throckmorton Wm H
512 Mahurin Wm
513 Ryder John A
514△Patrick Walter E
515△Scallan Walter E gro
516 Birchard Minnie Mrs
517 Apartments
1 Vacant
2 Vacant
3 Kuykendall Willard
4 Clapper Chas L
5 Sloan M Ellen
6 Vacant
7 Vacant
8 Sailer Carl J
9 Wells Kenneth
Street continued
518 O'Brien Sarah Mrs
520△Harding Lewis A ◎
521 Moore Eldon
523 Gaylord The
bsmt Merritt Early custodian
Apartments:
1 Roback Emma Mrs
2 Spangler Raymond F
3 Partlow John
4△Fisher Bessie Mrs
5-6 Mitchell Fannie F Mrs
Street continued
524 Decker John D
525 Jackson Edw M
528 Wilson Laura O Mrs
530 Eidson Jas R

North Intersects

601△Barney Alex A filling sta
602 The Worthington
(For other apts see 230 E North)
Apartments:
7 Viehe Ervin F
8 Cushing Dorothy E Mrs
9△Benjamin Louise A Mrs
10 Cowger Margt B Mrs
11 Viehle Dallas W
12 Vacant
13 Spencer Daisy Mrs
14 Barnett Dessie M
15 Vacant
Street continued
607△Nichols Lemuel E gro
610-14 Indpls Gospel Tabernacle
618 The Hoffman
bsmt Purrell Jerry custodian
Apartments:
1 Bloomfield Clare C
2△Billis Lawrence J
3 Hovis Edgar
4 Vacant
5△Wells E Pearl Mrs
6 Vacant
Street continued
619△Security Transit & Storage Co
Williams Luther R
620 Ulm Willette A
622△Cochran Maurice
623 Swedenborgian New Church Chapel
624 Cline Saml L
Craner Louise nurse
625 Jones Wm L gro
626 Lawson Blanche Mrs
628 Ruley Bernice A

E Walnut Intersects

702-04 The Logenie
bsmt Clements Clyde custodian
Apartments:
1△Sullivan Ruel G
2△Thrall Harry R
3 Foye O F
4 Vacant
5△Smith Alice E Mrs
6 Cable Neille Mrs
Street continued
703 McIntyre Jas
705 Passwater Ray
705½ Snelson Harry
706 Bass Homer
707△Feldman Louis tailor
707 Apartments
1 Feldman Louis ◎
2 Vacant
3 Parker Roland J
4 Wolfe Leo
5 Murphy Kay
Street continued
708△Dunn Beryl L Mrs
709△Handlon John ◎
711 Gaiyan Wesley G
712△Smith Chas A ◎
713 Wildham Edw T
714△Krimer Alex J cabtmkr
715 Traylor Lora M Mrs
716 Taylor Wilson
717△Patterson Ruth ◎
718 Fulks Henry R
719△Nay Clifford
720-22 Schurle Ida M Mrs
721 Hollenbach Ernest L
723△Rutleke Florence Mrs
724-26 Barngrover Jas W
728△Kares Robt fill sta

St Clair Intersects

801-03 Standard Gro Co (br)
805 Kroger Gro & Bkg Co (br)
805½ Hoffmann Geo K
809-11 Smith Chas R
linoleums

Ft Wayne av Intersects

Arch Intersects

816 Vacant
818 Komstohk Thos H
820△Burns Maude Mrs restr
820½△Brown J Nathan
822△Grossman Otto hdw
822½△MacBeth Hazel E Mrs
824△Carr John S
825 Vacant
826△Peel Benj F barber
826½△Dillman Robt R
827△Foster Harry dentist
828△Storey Alf A phys
828½ Wright Jean Mrs
829-31 The Alawayne
Apartments:
1 Bolton Mabel
2 Von Alt Augusta A Mrs
3 Parker Nancy
4△Saylor Chas F
5 Porter Dani R
6 Fritschman Mildred
7 Tyer Ruth
8 Shepherd Wm McK
Street continued
832 Vacant
833 Richards Laura D Mrs
834△Staley Fern A Mrs drsmkr
△Hedge Edith H Mrs drsmkr
835 Lee Walter R

Ninth Intersects

911 Stephenson Leslie E
913 Huffman Albert F

Sahm Intersects

915 Lines Emery E
916 Acton Harry
917 Schmitt Clara M Mrs
917½ O'Brien Mary Mrs
918 Marott Gertrude Mrs ◎
918½ Vacant
919 Huggins Robt W
919½ Vacant
920-22△Seminole Hotel
921△Barnett Chas W
△Lashbrook Flavia M
923 Vacant
924 Tehue Bros gros
925 Carvin Wm O
926 Huggins Robt W 2d hd furn

St Joseph Intersects

927 Ashley Laura Mrs
928 Elder Herbert W
930 Smith Cath L Mrs
931½ Vacant
932 Vacant
933 Vacant
933½△Baugh Ernest S
934△Strawn John
936△Montjoy Edna
938 Holtam Jesse J
939 Turner Alvin H ◎
940△King Clyde
941 Smith Lewis R ◎

Puryear Intersects

942 Reilly Wm E
943 Milan Jos
944 Keeter Mollie Mrs
945 Walden Fred J
946△Brown Harry E clo clnr
947 Woodburn Bessie Mrs
948 Stokes & Anderson billiards
950 Abraham Raymond liquors
952△Calderon Robt gro

Tenth Intersects

1001-03△Bull Stella Mrs
1005 Champ Albert
1009 Lawson Donald J ◎ gro
1009½ Vacant
1010 Gutsell Louis H
1010½△Ball Maurice C
1012 Sweeney J Orville
Sweeney Myrtle Mrs drsmkr
1012½ Steele Murray L
1013△Sullivan J Lewis
Bell Edith E Mrs
1014△Bicknell Albert S
bsmt Williams Willis
1015 Neal Phillip
DeFalco Carl K
1016 Balser Aita F Mrs
1017 Hutton Geo W
1018 Richardson Delbert D
1019△Hunter Melvin R ◎
rear Hunter Melvin R auto repr
1020 Batliff Robt W
1021 Craine Virgil
1022 Reeves Thos H
1024△Hollingsworth Cath A Mrs
1025 Kopp Minnie A Mrs

Uniformed Attendants at Theatres and Clubs — Call For and Delivery Service
Parking — Oiling — Greasing — Washing
MERIDIAN GARAGE
TWENTY-FOUR HOUR SERVICE
Centrally Located
216 N. MERIDIAN ST., Opposite Post Office — Telephone Lincoln 5538

MICHAELIS & McCAHILL
INCORPORATED
BUILDING CONTRACTORS
123 N. Pine — Tel. Lincoln 7358

DONALD LAFUZE, Sec'y-Treas.
WM. A. HOEFGEN, President
Washington Park Cemetery
East National Rd.—Cumberland
Office, 501 N. Delaware St.
Tels. Riley 2331 Cumberland 46

Convenient Quick PERSONAL LOANS Tel. Lincoln 2426
202 Insurance Bldg.
MODEL LOAN SERVICE INC.
48 Years Experience — P. A. HANCOCK, Sec.-Treas.

ALABAMA N—Contd
1027-29△Kroger Gro & Bkg Co (br)

Eleventh Intersects

1100 Walker Jas E
1101-03 Apollo Apartments
1101△Kneip Crystal Mrs
1102△McGinley Michl ◎
1103△Werkter Mary E Mrs
1104 Work Wm E
1107 Apartments
1 Mann Virlan Mrs
2△Whitson Rosalind Mrs
5 Posey Frank H
6 Beaty P Russell
7 Bachmann Robt V
8 Lynch John R
Street continued
1108 Burnett Roy
1110 Brown Jonathan D
1111△Pickell Scott
1115△Fegan Earl C ◎
1117 Earnest Nellie Mrs
1119 Vacant
1119½ Moloy Wm E
1120△Bodenmiller Wm F
1121 Vacant
1121½△Dale Mabel Mrs
1125△Scott Albert E
1129 Creighton Apartments
bsmt△Ricketts Robt W custodian
Apartments:
101 Elliott Earl R
102 Harper Dorothy E
103 Doll Eliz Mrs mgr
104 Miner Jos J
105 Welsh Exie
106△Williams Thos E
107△Campbell Gene
108 Hamilton Mabel J
109 Buttrick Geo
111 Bey Geneva M
114 Tomlinson Mary V
115 Sinder Eug C
116 Deer Lucille M
117△Proudman Ernest D jr
118 Royster Robt F
119 Postvedt Oral A
201△Conrad Earl
202△Young Helen K Mrs
203△Kirk Ruth V
204 Exline Loyd L
205 Asher Mary K
206 Young Edw
207 Chambers Chas
208△Lisby Lois C
209 Rose Wilma T
211 McGinley John J
214 Tilton Chas W
215 Hollers Lorene F
216 Heady Eliz
217 McDaniels Frank
218△Brewington Robt J
219 Kelsay Guy H
301 Langhoff Orville R
302△Stephenson Thelma E
303 Schwarz J F
304△Sparks Sylvester O
305 Magnuson Harry E
306△Hart Donald W
307 Tanselle Harold A
308△Deutscher Rose Mrs
309 Shepherd Raleigh B
311 Hedding Robt J
314 Wiener Herman
315△Long Wm E
316△Armstrong Marilyn
317 Holmes Bethel N
318 Lovinger Isadore
319 Crawford Fred P
Street continued
1132△Presbyterian State Office Synod of Ind
1138△Dunlap Eliz B ◎
1144△Payeur Edw

Twelfth Intersects

1201△Polen Francis E
Stout Mary Mrs
1205△Cuddy Faik
1211△Akin Jane Mrs
1213 Abeele Constant V ◎ contr
1214-16 Rob-Roy Apts
Apartments:
(A) Overly Robt O
(B) △Cushman John P
(C) Vacant
(D) Vacant
Street continued
1215 Stromyer Josephine
1219△Ragsdale & Price funeral directors
Ind Funeral Directors Assn
△Price Jacob W
1220△Chappell Walter E
1221△Justice Ora U
1223△Therapeutic Vapor Clinic
Therapeutic Vapor Apparatus Mfg Co Inc
Gawne Orville M
1224△Quinn Mary A
1225-27 Adelaide The
Apartments:
1△Clark Pearl Mrs masseuse
Lawrence Edna M Mrs drsmkr
2 Smith Elmer S
3△Wood Carolyn L Mrs
4 Poland Wm R
Street continued
1226△Smith Edith Mrs
1228 Hollenback Raymond
1230 Shelland Benj D
1231△Seidensticker Chas A ◎
1232△Johnson Jesse T
1234△Sharp Anna
1235 Ross Sanford L pntr
1237△Marcum Harold
1241△First Friends Church
1242 Clark Anne B Mrs ◎
1246△Wallace Jas H

Thirteenth Intersects

1301 Miller The
bsmt△Foreman Orville P ◎
Apartments:
1 Peckol Chas E
2 Dernhardt Otto P
3△Taylor Nellie G Mrs
4△Shoults Cecil
5△Stuart Ellis V
6△Boink Johanna
Street continued
1304△Gates Wm B
1304½ Smithson Mary B Mrs
1305△Walbert Sarah E Mrs
Jarrell Dorothy Mrs nurse
1307△Tindall Carl A
1308△Foresman Wm B
1310 Vacant
1312△Stapelkemper Wm M
1314 Vacant
1315△Daniel Etta V Mrs
1319 Woodard Pearl E Mrs
Castleman Oliver
1322 Apartments
1△Johnson Alvin C
2△LaForge R Wayne
3 Steinfort Geo O
4 Hartley Hilda J Mrs
△Marbaugh Chas G
Street continued
1325△Berlault School of Dramatic Art
Berlault Arth L
1326△Rasor Inez ◎
1332 Wanenbro Ida A
1335 Apartments
1 Logan Jean
2 Prevo Edith E
Hampton Madge nurse
3△Stoner Arnold
4 O'Hearn John L
5△Brown John R
6△Glenn Frances L
7 Vacant
8△Stoltz Chas B
Street continued
1340△Duncan John A
1341△Gibin Asa M ◎
△Elder Lorne The
1342 Vacant
1401△Cruse Jas W
1402 New Tramore Apts
bsmt Pryor John F custodian
Apartments:
101△Phoebus Gordon
102△Rossiter Donald R
103△Hughes Marjorie D
104△Brockesmith Henry A
105 Minton Louise
106 Bosenbury Jos M
107 Livengood Chas
108 Truax H Willis
109△McNeely Grace I Mrs
110△Moler Mary M nurse
McKinney Burris nurse
111△Taylor Ralph E
112 Striebeck Paul
115△Thayer Minnie M Mrs nurse
Gilman Ruth nurse
116△Snyder Dorothy
201 Carson Robt F
202 Vacant
203 Dowd Gayland L
204△Hauser Ruby B nurse
△Warstler Mary E nurse
205△Fike Vernon W
206 Chapman Nietus
207△Mahan Harry E
208 Stidham E Wendell
209△Wagoner Geo A
210△Spector Louis D
211△Wilson G Lee
212△Ging Scott
215 Cox Mary nurse
Lollar Alice E nurse
216△Wilson Dorothy B
301△Leach Harold B
302△Mercersmith Wm A
303△Peck Phillips J
304 Francis Harry B
305 Harwood Donald F
306 McDermott Arth
307△McCarty Nora A
308 Jaimet Guy Weldon
309 Kleer Vincent B
310△Kill Chester A
311△Tees Chas J
312△Haney John J
315 Leiting Gerard N
316 Wilkins Mary C
Street continued
1407△Foran Richd S
1408△Frugh Geo D
1409△Corya Chas L
1412 Hedges Cecil L
1414△Keifer Gus J
1415△Runnels Paul P
1416△Cockrum Fannie B Mrs ◎
1420△Aiklins Minta R Mrs
1421△Brown Carroll E
Whaley Clyde A
Dunham Robt
Taylor Gale
1424△Craig Madge R Mrs ◎
1425 Hicks Earl F
1428△Finn Margt A Mrs ◎
1429△O'Connell Otis G
1431△Heinburg David E
1435△Kimble Adele P Mrs ◎
1436△Madden Wm M ◎
1437 Vacant
1439△Hueber Harry B
1440△Wilson Wm D ◎
1441△Rost Hattie B Mrs
1443△Patrick Anthony
1443½ Bailey Floyd
1445 Burris Harry H
Horrall Logan B
1446△Mitchell Walter C
Mitchell Priscilla C
1452△Barnes Vernon H auto repr
1455△All Souls Unitarian Church
1461△Lamb Emmett B ◎
1462 Vacant
1465△Karrer Marie E Mrs ◎
1467 Hodgson Ralph W
Mathews Kenneth
1468△Schooler Minnie K Mrs ◎
1469 Apartments
1 Mathews Kenneth L
2 Huff Raymond
3△Purdy Chas A
4 Sawers Omer
5 Calloway Clarence E
6 Mobley Robt F
7 Pio Wayne A

Fifteenth Intersects

1501 Lavender Walter R
1507△Schulmeyer Eleanor ◎
1508△Loeper Helen A
1510△Binninger Frieda Mrs ◎
1512 Burchard Edw G
1514 Love Wm M
1515 Italee Club
1516△Morris Laura Mrs
1518 Blythe Louise
1520-24△Midway Garage
1525 Indpls Power & Light Co (power hse)
1526 Standard Gro Co (br)
1532△Harbison Benj C drugs

Sixteenth Intersects

1601 A & P Food Stores (br)
1602 Elmore Roger M filling sta
1605△Lewis Norval W
Romendo John S
1610△Tucke Arth C clo clnr
1610½△Platzer Geo F ◎
1613 Ennis Robt J
1614 Apartments
1△Harris Paul A ◎
2△Gill John W
3 Cahill Jas
4 Hoss Geo
Street continued
1615 Martin Geo ◎
Bugher Wm E
1617 Barnes Sarah J Mrs drsmkr
1619△Roush Floyd D
1620△Hume Claude L ◎
1621△Young Chas G
1623 MacLellan Bruce J
1624△Meunier Edw J ◎
1625△McCool Dani F
1626 McNeils Park T
1627△O'Neil Esther ◎
1628△Forel David
1629 McGuire Omar W
Brosley Jules
1630△McNelis John G ◎
1631 Trulock Wm E
1634△Jones Geo B Rev
Machin Thos H
1635△Gisler Fred C
1636△Evans Nora B Mrs ◎
1639△Tharp Frank R
1640 Kiefer Chas L ◎
1641△Finch Lester K ◎
1642△Davis Wm C
1644 Rowe Glen W
1645 Harley Terrace
Apartments:
1△Smith Gertrude
2△Durre Edw M
3 Stine Ada L Mrs
4 Napers Saml D
5△Finegold Louis M
6 Levy Leonard
Street continued
1648△McMullen Benj E

L. S. AYRES & CO.
'At the "Cross Roads of America"'
WASHINGTON AT MERIDIAN STREET

There's nothing like GAS for COOKING REFRIGERATION WATER HEATING HOUSE HEATING

CITIZENS Gas AND COKE UTILITY
Ma.4421

Hurry to Hook's for Dependable DRUGS

J. H. Taylor Transfer & Storage Co.
Local and Long Distance Moving
1006 S. East
PHONE LINCOLN 2414

LOANS on Real Estate and on Approved Collateral
The Union Trust Company
120 East Market St.

ALABAMA N—Contd
1649 **Moynahan Apartments**
bsmt Hendrickson Walter L custodian
Apartments:
1 Martin Theo
2 Revitt Marshall I
3 Jennings Raymond L
4 Hansen Bahne O
5 Barlywine Ralph D
6 Bell Francis D
7 Spencer Sally
8 Gerber Ruth D
9 Rawlins Ola
10 Rich Robt P
11 Craig Franklin C
12 Xanders G Laucks
14 Morrison Sbeldon
15 Metcalf Beatrice Mrs
16 Jacobson Glen
17 Beeson Norman A
18 Renconbrink Helen W
19 Keating Richd R
20 Glackman John O
21 Stander Edith
22 Vacant
23 Burrin Jeanne
24 Johnson Ralph E
25 McKay Hazel Mrs
26 Vacant
27 Folling Clarence
28 Fry Kenneth O
29 Miller Grace Mrs
30 Oates John E
31 McGregor Vernon L
32 Ripps Ralph
33 Blaine Gladys M
34 Thompson Raymond K
35 Utterback Chas W
36 Scott Zada A
37 Fragher Helen
Street continued
1654 **The Normandy**
Apartments:
1 Chandler Walter B
1B Sparks Chas C
2 Dearinger Anna Mrs
3 Syester Lloyd
4 Wells Nelle Mrs
5 Vacant
6 Birch Kath Mrs
7 Crecellus Revetta S Mrs mus tchr
8 Bartlett Lena Mrs
Street continued
1655 **Moynahan Apartments**
bsmt Paulus Chas E janitor
Apartments:
1 O'Connor Loren M
2 DeVerey Emma K
3 Vacant
4 Blessing Alberta beauty shop
5 McGravel Jean Mrs
6 West Jas E
7 Vacant
8 Vacant
9 Long Wm J
10 Yeazel Carl L
11 Holman Paul J
12 Hamburger Sara Mrs
14 Gerber Robt A
15 Alexander Robt A
16 Sommer Eliz K
17 Bloebaum Geo A
18 McCord Ruth
Kimmel Eloise nurse
19 Madorin Orville E
20 Brown Geo H
21 Favre Albert L
22 Nelson Martin A
23 Moss Inez
24 Boyd Margt A
25 Greenwood Anita
26 Moorehead Geo L
27 Howell Clara E Mrs
28 Wehr Margt A Mrs
29 Olise Jos O
30 Wampler John L
31 Padrick M Douglas
32 Vinnedge Thos M
33 Cor Wiles O
34 Storms Raymond R
35 Ince Wm A
36 Lowes Arth R
Seventeenth Intersects
1701 Bretz Mary I Mrs
1702 **Neuville Apartments**
bsmt Tomlinson Donald P
Apartments:
1 Vacant
2 Merrill Dorothy nurse
3 Fiscus Gordon W
4 Wence Arth E
5 Ridge Hallie
6 Davis Hildreth
Davis Violet nurse
7 Bassett Walter D
8 Haas Chris
9 Joest Alvera
10 Cordell Ernest O
11 Conley Thos M
12 Harrigan Kirk
13 Apple Gertrude
14 Lewis Richd
15 Tobin Jos L
16 Sparks O Marie
Street continued
1703 Lichtenauer Emil M
1706 Hill Paul C
Clark Minnie Mrs
1709 Sweet Lucille E Mrs
1710 Curran Wm J
1714 Dimke Margt M Mrs
1715 Brodbeck Townsend C
1716 Rahike Herman
1717 Hart Harvey M
1719 Johnson Cath M Mrs
1721 Probst Henry S
1722 Bass Jos H
Sullivan Zack
1726 Duke Maud M Mrs
Clark Ray A
1727 Tate Roy L
1801 Edson Luther O
1803 Vacant
1805 Tongret Charlotte E Mrs
real est
1806 Myers Inda Mrs photog developing
1809 Rice Herbert H
1810 Lewis Geo S
1815 Ludington Hertz M pntr
1816 Shearin Edith Mrs
1817 Carlisle Wm
1818 Arrgane Ethel Mrs
1818½ Dodd Richd N
1819 Peters Lula Mrs
1821 Poop Geo R
Hiseman Cecelia nurse
1824 Kennedy Harry G
1824½ Campbell Ira
1826 Jackson Homer J
1827 Vacant
1828 **Apartments**
1 Faulkner Ray
2 Vacant
3 Foster Simon L
4 Minter Anna
Street continued
1830 Morris Winfield S
1831 O'Mahoney Jos F
1832 Scott Harry R
1833 Vacant
1834 Parrish Chester O
1837 Snyder June W
1838 Guerin Thornton L
1842 Dawson Julia A Mrs
1843 Connell Maurice L plmbr
General Engineering Corp air conditioners
1844 Miller LeRoy P
1844½ Carroll Chas E
1846 Vacant
1847 Civic Theatre of Indpls
1848 Hyman Eda Mrs gro
1852 Civic Theatre of Indpls supply room
1853 Pritchett Wm C barber
1854 Patrum Sally Mrs
1855 Dillman Wm gro
1856 Stucky Edw W drugs
Nineteenth Intersects
1901 Indpls Bible Institute (br)
1902 Vacant
1906 Stephenson Claude J
1911 Vacant
1912 Baby Jas V
Trueblood Margt dramkr
1915 Hampton John E
1917 Forest Gertrude
1920 Airhart John H pntr
1921 Smith Annabelle B Mrs
1925 Embry Glen
Fitzgerald Harold
1926 Smith Ida G Mrs
1927 **Apartments**
1 Pierce Elmer
2 Vacant
3 Mobley Harold F
4 Adams Preston B
Street continued
1929 Byrne Frances
1930 Ogle Mary S
1932 Scanlin Angela B Mrs
1933 Wilkins Geo R
1934 Wilkerson Richd W
1935 Luke Cloyd M
1936 Miller J Edw
1938 Heuer Anthony W
1939 Moore Sue S Mrs
1942 Vacant
1942½ Boyd Aubrey J
Trobaugh Eur W
1944 Stafford Chas J
Clise Bertha B drsmkr
1946 Collins Mack
Twentieth Intersects
2001 Pruitt Clyde
Hood Alice P Mrs
2001½ Bomgardner Ray G
Smith Chas H
2002 Scott Elmer B
2008 Brown Genevieve
Saulter Mary J Mrs
2009 McKenna Margt Y
2011 Vacant
2012 Cline Bunie E Mrs
2018 Vacant
2019 Hess Lena C
2020 Rickert John E
2021 Hanley Chas F
2022 Dearborn Della
2023 Vaught Karl R
2025 Vaught Albert M
2029 McDougall Frank W
Whittington Wm P
2030 Mayer Geo J
2033 Conner Natalia Q Mrs
2037 **Apartments**
1 Duncan Jas P
2 Wall Harvey
3 Schultz Harold
4 Teague Hazel
5 Willis Voyle
6 Kluthe Monte E
7 Gray Arlo
8 Hobbs Raymond
9 Young Bert
10 Carmichael Burgess
11 Teague Harold
Street continued
2038 Hegarty Jas H
2041 **Apartments**
Lancaster Chas
1 Shotwell Wm J
2 Nierman Martin
3 Secrest Maude L
4 Dunn Hugh
5 Sturm Constance
6 Engle Leonard
7 Gauker Henry
8 Smith Eliz Mrs
Street continued
2042 Brock-Jones Sophia Mrs
Poland Henry W
Smith Will H jr
2044 Shideler W A
2045 Davis Marion L
2046 Burns Jas J D
2049 Pendergast Harley L
2050 Ittenbach Mary Mrs
Smith Stella L Mrs
Harrington Kath T nurse
2051 Freeland L Theo Rev
2052 Ehlers Wm C
2054 Fisher Harold L
Gregory Norman H
Burd Herschel F
2055 Forster Lewis N
2056 Shea Cornelius C
2057 Vacant
2059 Foote Lora M Mrs
2060 Johnson Wm D
2064 Burks Edna M
2065 **The Manatee**
Apartments:
1 Vacant
2 Greene Adrian
3 Vacant
4 Bruner Geo M
Street continued
2066 Catherwood Jos
Twenty-first Intersects
2101 Vacant
2102 Miller Edw F
2108 Ogden Julia H Mrs
2109 McNulty Jas
2110 Weir Albert L
2111 Hild Wm A
2114 Stanley Alice M
2115 Jacobs Margaretha S Mrs
2117 Mick Mary F Mrs
2118 Pantzer Cora I Mrs
2121 Rants Homer W
2122 Hooser Jas W
2124 Daugherty Elwood B
2125 Rhodes Clarence R
2126 Bunch Elsie M Mrs
2128 Wheiden Geo T
2129 Piper Cora E Mrs
Brubaker May B nurse
2134 Williams Burns P
2135 Russo Anthony J books
2140 Clark Ethel H Mrs
2142 Hoeltke Paul L
2143 O'Connor John F
2144 Habing John G
2145 McComb E H Kemper
2146 Langsenkamp Lillian
2149 Walsh John
2151 Lanahan Logan A contr
2152 Lavery Irvin F
2153 Smith Fred F
2154 Reardon Mary E Mrs
2155 Lindley Agnes K Mrs
2158 Young John R
2160 Sage Irene D Mrs
Twenty-second Intersects
2201 Smith Jessie J
2202 Cook Ethel M Mrs
2202½ Crays Hubert R
2203 White Steph G
2204 Moran Jas L
2205 Pollak Max
2206 Sherer Eura M Mrs
2213 Tuttle Lewis C
2214 Berliler Geo
2215 Salyards Grace Mrs
2217 Michaels Eliz A Mrs
rear Taylor Polly Mrs
2219 Pfeiffer Arnold E
2220 Spiegel Geo M

PEARSON CO. INC.
Furniture, Pianos, Electric Organs,
Household Appliances, Musical Instruments,
Radios, Sheet Music, Records
128-30 N. PENNSYLVANIA TEL. LINCOLN 5513

Life, Accident, Health and Burial Insurance For Church Members Only
Clergymen and Laymen
Any Denomination—Ages 16 to 60 for Life—16 to 65 for Casualty
Mail Order Company: It Will Save You Money
Church Members Relief Association
Tel. Riley 9768 J. K. Ake, Pres. 827-30 Occidental Bldg., Indianapolis, Ind.
See page 79, Buyes' Guide

ALABAMA N—Contd
2222 Churchill Ernest R
2223 **Rose The**
Apartments:
1 White Chas S
2 Hanscom Helen I
3 Patton Leland O
4 Scotten Clarence O
Street continued
2224 Irwin Robt M
2228 Leuthold Lawrence E
2226 Ballweg Alf E
2227 Johnson Anna M
2227½ Regan Jos P
2229 Wiley Bernard B
2230 Criss Grover W jr
2232 Davis Wilfred
2233 Beck Marie M Mrs
2234 Goodnight Orva O
2235 Bush Clay
2237 Bernloehr Anna B Mrs
2238 Harris Edgar W
2241 Hollcraft Jas W
2242 Friday John W
2245 Sheridan Danl A
2246 Blackmore Harry J
2247 Stehlin Margt E Mrs
2249 Eisemann Jos J
2250 Sagalowsky Rose Mrs
2256 Preizfelder Lena
2254 McLaughlin Earl E
2255 Blumenthal Tillie Mrs
2258 Ryan John
2259 Butcher Chrystal A
2261 Cohen Jos
2262 Dillair Alice
2263 Matlock Leila R Mrs
Twenty-third Intersects
2301 Seventh Day Adventist Ch
2302 Gardner Wm C
2302½ Jacobs Mary C Mrs
2306 Eagleson Wm B
2310 Edwards Mary L Mrs
Scott Lillian M Mrs nurse
2314 Tracy Alonzo
2319 Seventh Day Adventist Sch
2320 Rall Leo J
2322 Black Chas A
2324 Murphy Wm F
2325 Murphy Leon L Rev
2326 Rosengarten Fannie
2327 Mobley Albert E
2328 Payne Kenneth D
2329 Pat & Polly Kindergarten
2330 Marsh J Orville Rev
2332 Hackett Robt L
2334 Burch Donald A
2335 Woerner Eug L
2336 Huder Eliz K
2337 Keller Gertrude Mrs
2339 Lee Ishmel T
2340 Hammerschlag Abr
2341 Carpenter Carl
2342 Lyons Guy G
2343 Prewitt Richd B
2344 Quigle Martin A
2345 Pitzenberger Claud M
2346 Vacant
2347 Nichols Dennis L
2348 Winn Mabel L Mrs
2349 Howe Carrie E Mrs
2350 Neff John W
2351 Clyde Floyd B
2352 Williams W Durbin
2353 Thun Rachael Mrs
2354 Turpin Hugh V
2355 Hooser Jas W
Maurice
King Donald J
Albert Marietta nurse
Whitaker Harold
2356 Edwards Jas D
2357 Sebern Norman E
2358 Vacant
2359 Henry Earl
2361 Paulissen Karl A
2363 Paulissen Julia E Mrs
Twenty-fourth Intersects
2402 McDaniel Millie Mrs
2403 Jeffries W Homer
2404 Bates Addie Mrs
2405 Bradley Geo F
2406 Bartlek Morris B
2408 Downey Harlan W
2409 Roberts Perry V
2410 Krafft Mary E Mrs
2411 Chandler Kath G Mrs
2412 Alexander Chas W
2414 Smith Herbert A
2415 Vacant
2417 Gold Sol A
2418 Vacant
2420 Vacant
2421 Braun Ewald E
2423 Fessler Arth J interior decorator
2424 Becker Otis G
2425 McCoy Elsie W Mrs
2426 Briner Roy C
2427 Friedman Chas W
2428 Portnov Abe
2429 Sedam Chas H paint mfr
2432 Wadsworth Robt D
2433 Hill Bernard W
2435 Holmes John L
2436 Stratton Melvin B
2437 Murphy Edw E
2438 Travis Graham R
2439 Meck S Morris
2441 Rosemeyer Walter
2442 Howell John L
Warringer Everett B
2443 Brian Harriett R Mrs
2444 Marcus Isadore
2445 Brenton Geo O
2446 Stanley Wm H
2447 McNabb Frank
2448 Battista Rosie Mrs
2449 Keiler Chas E
2451 Burhart Ward M
2452 Richardson Alonzo E
2453 Willen Jos H
2454 Valentine Ira B
2455 Wild Meyer H
2456 Rinker Geo A
2458 Gertz Magdalena R Mrs
2460 Christy Presley
Twenty-fifth Intersects
2501 Banks Howard J
2502 Wood Louise C Mrs
2503 Brown Harold L
2506 Hamann Wm C
2509 Hoadley Louis V
2510 Hill Norman H
2511 Vacant
2513 Rhodes Ollie V
2516 Chapper Samuel plmbr
2516½ Fry Donald E
Klueber John J tailor
2517 Leamon Eliz N Mrs
2518 Fedewa J W
2519 Summers Harry G
2520 Fry E Ray
2521 Hill Effie C Mrs
2524 Davis Leland P
2526 Clark Chas
2526 Stehlin Geo H
2529 Marschke Harold W
2530 Bauman Chas
2531 Kiley Wm F jr
2533 Gates Minard F
2534 Richardson Wm T
2535 Keating Estelle E Mrs
2539 Hanna Elinor V Mrs
2540 Vacant
2541 Kestner Louis H
2542 Vacant
2545 Tripp Eliz W Mrs
2546 Wiles Ernst H
2547 Tillett Albert A
2549 Jordan Francis A
2601 Freeman Exposition Service adv
Freeman Harry Z
2602 Barkley Virgil A
2604 Friedman Stuart M
2605 Stonge Geo W
2606 Johonnott Sheldon E
2609 Vacant
2610 Robins Merritt E
2612 Vacant
2616 King Fred I
2617 O'Mahoney Bridget M Mrs
2618 Badger Cecil F
2619 Fiala Durward F
2620 Banta Florence E Mrs
2621 Myers Leona L Mrs
Carr Wilma nurse
2622 Hilliard Harry B
2625 Hunter Wm R
2626 Runyan Saml E
2628 Vacant
2630 Hall Harold C
2631 Janney Carleton R
Coapstick Ronald B
2635 Barnes M Richd
2636 Lawrence Alexander A
2637 Kurtz Harold
Fall Creek blvd intersects
Fall Creek crosses

ALABAMA S — From 301 E
Washington south
14 Newport Alvin C auto repr
16 Greenspan Abr bondsmn
18 Farb Albert bondsmn
19-21 Vacant
20 Frankfort Martin bondsmn
22 Rapia Mary Mrs bondsmn
Alexander Herman bondsmn
Fisher Fredk chemist
23 **Alabama Apartments**
Apartments:
1-2 Area Mary E Mrs
3-4 Smith Geo T custodian
5-6 Nemitz Emma Mrs
7-8 Spurrier Mary Mrs
9-10 O'Neil May
11-12 Alliga Mary A Mrs
13-14 Bock Walter E
15-16 McClure Edw
17-18 Balo Mary
19-20 Wade Sidney O Mrs
21-22 Belcher Irvin W
23-24 Ivey Doris
25-26 Owens Morris
27-28 Lewis Cleo Mrs
29-30 Kennedy Geo C
31-32 Roberts Gladys Mrs
Street continued
24 Campbell Harry I bondsmn
Reeder Albert P bondsmn
25 Vacant
27 Feld Godfrey restr
Poppiano Jos bondsmn
Pearl intersects
32-48 Marion County Jail
Feeney sheriff
Marion County Accident Prevention Bureau
33-37 **City Building**
Police Headquarters
City Jail
Municipal Court Rooms 3 and 4
Probation Dept Municipal Court
Maryland intersects
110 Hawkins Robt Co brokers
114 Jaggers Whol Gro Co
120-40 Hitz Geo & Co commerchants
144 Maupin Geo W filling sta
Virginia av intersects
Louisiana intersects
301 Clemans Truck Lines Ino
Motor Freight Corp
311 Dit & D Motor Express
315 Cushman Motor Delivery Co Ino
Huey Geo O mfrs agt
Commercial Trucking Co
317-21 Paetz Geo L & Sons uphols supplies
335 Buttorf John
337 Line Frank T
South Intersects
401-03 Harris Motor Transportation
419 Frederick Leslie
423 Conway Cath Mrs furn rms
424 Payne Frank M
Empire Intersects
427 Marckel Gus
431 Readling Garland A
433 Voi Anthony
438-42 Hoosier Mfg Co soap mfrs
439 Fette Minnie
443 Cook Elmer G
444 White Glenn
446 Fields Wm H
Henry Intersects
501 Richards Chas W
503 Lone Chas H
504 Caito Michl fruits
504½ Mercurio John fruit
510 Patterson Abr
Patterson Rose Mrs gro
514 Pringle John W
516 Ledbetter Chas
517 Indiana Chemical & Mfg Co
519 Reid Daisy Mrs
524 Wright Clarence
524½ Sluss Ellis
525 Bailey Wm T lawyer
526 Greeson Ralph
529 Hansbrough Earl
530 Norris Hervey
532 Miller Clyde W
532½ Vacant
533 Weber Walter M
536 Johnson Jas H
537 Sering Rose Mrs
538 Herring Paul F
540 Vacant
542 Wickham Frank
Merrill Intersects
621 Watts Leonard B
623 McNevin John F
625 Stephens Lucretia E Mrs
629 Binghams Sami Son Mfg Co printers' rollers
Janton Co indry supplies
Stevens Intersects
635 Modica Rose Mrs
Johnson Otis R
rear Burrello Chas C
Johnson Chas R
637 Azzarello Salvadore
637½ Zahm Wm E
645 Voyles John D
649 Harbaugh Orval L
653 Hamilton Harry W plmbr
655 Dwyer Wm J
657 Karas Aug G
659 Oehler Wm watchmkr
661 Barnecle Harry D
Norwood Intersects
731 Lilly Eli & Co (research laboratory)
740 Lilly Eli & Co pharmaceuticals
McCarty Intersects
Wyoming Intersects
947 Roberts Pleasant M
948 Houtlihan Timothy J
951 Marsh Harry G
952 Pons Jos
955 Dressel Wm
959 Rasfield Carl V
961 Winkler Rae L Mrs

H. M. VAN MATRE, INC.
OLDSMOBILE
SALES and SERVICE
2917 Central Ave. Tel. Talbot 4561

The Marott HOTEL
Meridian at Fall Creek Blvd.
Phone TA-4800
An ULTRA MODERN HOTEL—Embodying ALL THE FEATURES OF UNEXCELLED HOTEL ACCOMMODATIONS
ADVANTAGES FOR Better LIVING
REASONABLE RENTAL RATES
APARTMENTS $60 A MONTH AND UP
THE DINING ROOM at the Marott is famous for its EXCELLENT FOOD and BEAUTIFUL ENVIRONMENT
BLUE BIRD TAP ROOM for the BEST IN MIXED DRINKS
COFFEE SHOP features POPULAR-PRICE CUISINE

Marott's
The Home Owned
Family Shoe Store
Baby to Grandpa
18 E. WASH.
LI. 5554

LEVEY PRINTING CO.
PHONE LI 5377 SHIELD PRESS 250 W. OHIO ST.
LITHOGRAPHY PRINTING BLANK BOOKS

SANDER & RECKER FURNITURE CO.
Established 1869
Distinctive Home Furnishings
PHONE LINCOLN 2593
MERIDIAN AT MARYLAND

ADAMS—Contd
2341 Eskridge Wayne
2342 Fentz Ashbel E ⓪
2343 Bise Jos A
Bise Wm A paperhngr
Glen dr intersects
2346 Watson Delbert O ⓪
2352 Buyhers Albert H
2353 Robison Ruth E Mrs ⓪
2355 Shoemaker Wm ⓪
2359 Burwell Asa ⓪
2360 Stanley Myrtle F Mrs ⓪
2361 Vacant
2362 Freike Frank
2363 Donahue Chas H
2365 Harris Amelie R Mrs ⓪
2366 Edwards Everett L ⓪
2369 Shannon Willard C ⓪
2376 Bishop Ethel M Mrs ⓪
2378 Cromer Claire C
2379 Cook M J Products Co vinegar
2380 Kojo John R
2381 Potter Frank W gro
2401 Killion Oscar A
2402 Cromer Jas A ⓪
2403 Fentz Chauncey L
2405 Bailey Carl E ⓪
2410 Johnson Robt D ⓪
2413 Sells Johanna Mrs ⓪
2414 Rone Grover ⓪
2417 Apple Worth M ⓪
2418 Koury John Rev
2420 Stout Dolph W
2421 Coats Era Mrs ⓪
2422 Kincade Curtis C ⓪
2424 Vacant
2425 Robbins Wilbur O
2426 O'Neil Laura M Mrs ⓪
2429 Fulmer John A
2430 Wright Edw C ⓪
2434 Wenz Elmer G ⓪
2440 Brown Edgar F ⓪
Twenty-fifth Intersects
2518 Kimmel Vernon J ⓪
2522 Flint Anthony O ⓪
2526 Welsh Saml E
2530 Stafford Arlie O
Twenty-sixth intersects
2601 Costin Louis H
2603 Shonkwiler Albert L
2611 Krumb Louis E
2615 Alexander Jos W
2621 Hoffmann Virgil L ⓪
2623 Dunn Sarah A Mrs
2627 Vacant
2630 Kennedy Oris W
2631 Mitchell Albert R ⓪
2634 Carney Fannie M Mrs
2702 Vacant
2710 Winings Claude J ⓪
2714 Green Edna B Mrs ⓪
2718 Orff Cleude ⓪
2719 Rosemeyer Walter C
2721 Vacant
2722 Humbles Ernest G
2726 McDonald Alf G
2730 Vacant
2732 Brown Emma Mrs
2734 McMillan Clarence A
2736 Wells Harry O
2738 Myers Geo W
2739 Brown Claude E
2742 Godsey Danl ⓪
2743 Richey Kenneth R
2746 Johnson Vania Mrs ⓪
2749 Pake Bertha L Mrs
Pake Erma E nurse
2750 Harvey Gustavus J ⓪
Twenty-eighth intersects
2802 Powers John Z
2804 Vacant
2806 Vacant
2809 Vacant
2810 Zehner Virgil R ⓪
2811 Eisenhower Harold F pntr
2815 Crane Leon J ⓪
2816 Roeske Wm F ⓪
2819 Vacant
2821 Richey Alf A ⓪
2822 Shirrell John W
2826 Watts Kinnie ⓪
2829 Price Oral L
2831 Black Marion W
2850 Shearer Robt B
2854 Vacant
2859 McAuley D R
2860 Bryson Jas W
2861 Crist John O
2862 Dusang Edw R
2864 Roe Orlie A
2865 Vestal Jas H
2866 Bills John
2869 Christy Wm L ⓪
2870 Reazan Wm D
2875 Sieles Alvin P ⓪
2877 Colburn Calvin E ⓪
2880 Duke Lena M Mrs ⓪
2905 Outland Ernest E
2907 Baxter Elie A Mrs
2909 Friar J Walter
2911 Cecil Rose Mrs
2912 Utterbeck Chas W ⓪
2919 Ogden Harvey F
2920 Goodrich Chas L
2926 Lucas Jas W
2930 Bettenbrock Geo ⓪
2934 Vacant
2936 Higgins Thos P
2938 Quick Norman J
2949 Hinman Jas E
2951 Moore Harry ⓪
2965 Kinz Geo L ⓪
2967 Vacant
2969 Vacant
2973 Crossmun Jas E ⓪
2977 Boehm Frank H ⓪
Thirtieth Intersects
3220 Smith Jas ⓪
3221 Adolph Earl E ⓪
3231 Raleigh Wm
3235 Selenson John ⓪
3249 Sheppard Mary E Mrs
Thirty-fourth Intersects
3612 Brendenburg Frenk ⓪
3650 Staletovich John
3660 Stefanich John ⓪
3714 Herxreaves Emma I Mrs ⓪
3718 Vacant
3722 Branyan Ambrose L ⓪
3726 Denzes Chas ⓪
3760 Clifton Steph A D
Balmaz Frank ⓪

ADDISON N — From 2600 W
Washington north to Vermont
12 Chadwell Noble E ⓪ pntr
13 Lermond Nellie C Mrs ⓪
15 Castleman Wm
16 Rees Orville W Rev
17 Mulrine Nore E ⓪
23 Williams Richd W ⓪
24 West Park Christian Ch
25 Folsel Arth M ⓪
28 Raquet Harvey V
30 Farr John A Rev
31 Fink Andrew A
34 Roberson Chas ⓪
35 Schilling Ernest A
Schilling Lula A Mrs music tchr
38 Ramsey Robt C ⓪
39 Williams Wayne
41 Holtz Otto J
43 Thomas Merla E Mrs ⓪
44 Kendall Lee ⓪
45 Cox Dillard
47 Conley John H ⓪
48 Fidger John F ⓪
50 Tener Clarence H ⓪
51 Brown J Morton ⓪
54 Sanders Ollie F ⓪
55 Gill John W ⓪
58 Clarke Jas E ⓪
59 Naseroad Clayton
62 Anderson John M ⓪ exp
63 Nozle Louis L
65 Murphy Jas H
66 Morris Andrew J ⓪
67 Robertson Walter E ⓪
68 Mahsey Thos
70 Carsten Enos ⓪
71 Kinkead Warren W ⓪
74 Franklin Basil E
75 Horner Elmer E ⓪
76 Blank Geo W ⓪
79 Davis Harry R
81 Vacant
82 Slagle Calvin G ⓪
83 Mitchell John S
85 Brittain Joy O
86 Hermsdorfer John D
87 Buckman Walter
Ohio intersects
201 Baker Clarence G Rev
202 Sortwell Geo H
204 Ratcliffe Carl M
205 Mather Arlen R
206 Strawmyer Eliz Mrs
209 Hefrles Homer
210 Skaggs Wm H
211 Hart Jas H ⓪
212 Allen Chas W ⓪
213 Walker Verlis E ⓪
214 Jones Wm O ⓪
217 Winters Ferdinand
218 Berry Edwin L ⓪
221 Kenny John W ⓪
222 Vestal Frank ⓪ pntr
225 DeBurger Geo S
226 Jean Lowell A
229 Mills Burnis
230 Wilking Chas J ⓪
233 Swails Walker A ⓪
234 Vacant
237 Riddell Wm F ⓪
238 VanHorn Edw E ⓪ pntr
241 Zaring Harvey E ⓪
242 Kirsch Chester W
243 Snodgrass Wm H
246 Johnson Wm L ⓪
249 Fiscus Raymond C ⓪
250 Mattingly Benj O
252 Featheringill Edgar C
253 Ogden Richd ⓪
254 Martin Wm E ⓪
256 McOmber Vallance M
257 Craig Luther ⓪
258 McCaslin Mev ⓪
260 Watz Frank W
261 Richardson John A ⓪
262 Clements John F ⓪
265 Catton Wm E ⓪
266 Featheringill Anne K Mrs ⓪
269 Vacant
270 Wimer Frances Mrs
274 Fowler Jas F ⓪
275 Lynch John F
Lynch Thos A
278 Vacant
279 Legg Jas C ⓪
281 Butler Susan M Mrs ⓪
282 Buttz Arth ⓪
New York intersects
301 Tinsley Chas Y ⓪ gro
302 Fermer Lewis S ⓪
303 O'Mara Edw
305 Smith Harold C ⓪
306 Walls Evan O
309 York Jos E ⓪
310 Perrine Chas D ⓪
313 Hybarger Melvin H
313½ Fairbanks Frank
314 Kassler Austin J ⓪
317 Moon Lawrence
318 Layton Jacob C ⓪
320 Jackson Jefferson R
321 Myers Leone M Mrs ⓪
321 Winzenread Russell P
322 Shenk Walter
324 Peters Clarence E
325 Vacant
326 Cevanaugh Wm ⓪
329 Foster Alva C ⓪
330 Beach Wm P ⓪
333 Duffy John P
334 Stokes Paul
335 Lutz Herman J ⓪
337 Connor John P ⓪
340 Lenahan Mery Mrs
341 Coverdill Sterling C ⓪
344 Stoner Chas C ⓪
345 Hemilton Harry K ⓪
348 Symmonds Edw
349 Marshall Fredk E ⓪
350 Kirschner Edw
351 Dugan John ⓪
352 Russell John R
354 Beard John S
356 Hubbard Floyd S
357 Lents Herman J
358 Heck Raymond ⓪
359-61 Vacant
359½ Renith John
362 Ellwanger Kath ⓪
366 Bender Fredk L ⓪
Vermont intersects
Turner av intersects

ADDISON S — From 2600 W
Washington south to T H & I R R
16 Jeff Kenneth B ⓪ gro
17 Burton Edw H ⓪ reel est
21 Harvey Edgar W ⓪
22 Butterfield Paul F
24 Jones Otis E
25 Bretler Lee
26 Phillips Marie Mrs
28 Jacobs Hamilton E
29 Mutter Jos R
30 Stockdale Chas J ⓪
33 Wilson Chas ⓪
34 Cook David S
37 Mitchell Gary O ⓪
38 Reading Louis W ⓪
41 Morris Jas D
42 Rosselot Alva R
45 Wilson Roy
46 Black Jas M ⓪
47 Thomas Mary E Mrs ⓪
49 Jines John W ⓪
50 Ostermyer Chas
58 Meyers Louis H
59 Hunt Chester A
Jackson intersects
C C C & StL Ry crosses
205-09 Vacant
206 Karcher Jos ⓪
210 Ferguson Mennia
214 Gilles Roy J
218 Davis Albert ⓪
222 Ward Aug W
226 Harden Alonzo M ⓪
230 Vacant
232 Patrick Mary E Mrs ⓪
234 Young Ellsworth O
236 Hoagland Harry
238 Vacant
Bertha intersects
302 Vacant
318 Miller Wm L
322 Taylor Wm E ⓪
328 Mitchell Silas ⓪
330 Vacant
332 Herris Jas F
334 Toscana Frank
336 Vacant
Ida intersects
402 Cloud Ora L
406 Knight Elbert L
408 Bredell Roscoe
410 Emminger Jos jr ptrnmkr
414 Getes Geo V
418 Medaris Oscar F ⓪
422 Bundy Edw D
426 Jones Deni ⓪
430 Pfeiffer Jos L ⓪
434 Vacant
Victoria intersects
502 Heckman Albert A
506 Wolfie Henry D ⓪
510 Blaisdell Walter E ⓪
522 Coonce Clarence W ⓪ elec contr
527 Vacant
530 Eggers Roy
Wyoming intersects
737 Black Fern Mrs
742 Bain Cash E
744 Denman Nathan
748 Roech Ora E ⓪
McCarty intersects
802 Dickerson Everett
810 Short Jas A
819 Staley Carmi J
820 Staley Chester W
822 Eller Raymond
823 Vacant
825 Vacant
830 Hurd Haze ⓪
833 Miller Paul F
840 Hyatt Jos W ⓪
845 Conred Wm E ⓪
848 Brown Geo W
852 Eubank Henry L
853 Vacant
858 Heidenreich Clifford E
865 Kersnak John ⓪
Ray intersects
1024 Lewis Geo A ⓪
1041 Betts Ira A ⓪

CHEVROLET
PARTS
CARS—TRUCKS
A. W. BOWEN CO.
SERVICE FIRST COURTESY ALWAYS
RILEY 5566-5567
933-947 FT. WAYNE AVE. 10th AND CENTRAL AV.

ADELAIDE N—Changed to Cleveland

ADELAIDE S — From 425 E
Washington south to South

ADLER E—From 1813 S Meridian east to Madison av
12 Vacant
13 Edge Joel H
14 Tucker Clifford H
16 Vacant
18 Hendricks Amy Mrs
Charles intersects
20 Burgess Flora Mrs
22 Oliver Robt B ⓪
24 Kincaid Chas H
26 Vacant
30 Jones Carl L
32 Bailey Homer O
34 Faulkner Edith Mrs
36 Schmidt Jos W
39 Strouo Grace D Mrs ⓪
Union intersects
112 Vacant
114 Heckman Donald W
116 McCammon Geo O jr pntr
118 Harris Mary A Mrs
124 Wodtke Henry G ⓪
Delaware intersects
Talbot intersects
Madison av intersects

ADLER W—From 1826 S Meridian west to Senate av
8 Vacant
8½ Schako Otto
10 Cline Robt E
12 Vacant
18 Darrah Manson
Illinois intersects

AGNES—From 940 W New York north to Walnut
305 O'Roark Fredk gro
307 O'Roark Fredk ⓪
315 Tellver Cremus ⓪
316 Giesen John J
319 Smith Mary Mrs
323 Shivers Geo ⓪
323½ Johnson Emmett
324 Vacant
327 Brownlee Geo
328 Vacant
331 Long Mildred M Mrs ⓪
332 Morrow Bud
335 Hudson Alan
336 Robinson Irvin
339 Davis Horace
340 Bembry Wm D
344 Rodgers Judson ⓪
350 Perkins Jas
399 Arnold Joan O
401 Prince Jacob
403 Vacant
405 Lucid Geo
407 Hanley Edw T
409 Jenkins Chas J ⓪
415 Evans Robt M ⓪
417 Thompson Wm
419 Walker Henry B ⓪
419½ Wilkins Robt
423 Thornton Albert
425 Simms Frank
427 Johnson Chas
429 Hart Hattie Mrs
431 Johnson Lovie Mrs
435 Andrews Fred H
436 Mason Vallie
438 Piersol Herman
439 Frances Danl
Pettijohn intersects
441 Douglass Henry
442 Marshall Robt A
443 Dorsey Edw barber
444 Sanderson Kate Mrs
445 Winters Allen
447 Stoval Nellie Mrs
448 Doughty Jas
451 New Light Baptist Ch
451½ Abernathy Jos H Rev
452 Williams Anoe ⓪
453 Thomoson Thos ⓪
454 Posey David
455 Washington Wm
455½ Vacant
456 Vacant
457 Green Wm M
457½ Sanders Alex
458 Vacant
458½ Vacant
460 Sneed Max
460½ Vacant
461 Alexander Georgia Mrs
463 Jones Sam E
464 Thomas Eug ⓪
Michigan intersects
501½ Harris Thos
504 Vacant
504½ Vacant
506 Vacant
507 Pope Geo
508 Williams Wm
509 Anderson Thos P
510 Boyd Porteus
510½ Croom Jas M
511 Miller Callie Mrs
512 Meadows Koae Mrs
513 Vance Richd
515 Dickson Lottie Mrs
516 Kamp Lola Mrs
517 Grigley Anderson
518 Jones David M
520 Miller Albert
521 Thomas John
523 Barnett Lee
524 Bush Henry
525 Pohlman Enos
rear Rawles Jasper
526 Kendrick Edw
rear Collins Elwood
527 Vacant
528 Vacant
529 Cook Elmer
530 Vacant
531 Sanderson Geo M ⓪
534 Vacant
535 Women's Improvement Club Home
538 Fry Lonie shoe repr
539 Hazelwood Theo transfer
540 Morgan Columbus
544 Richardson Anna E Mrs ⓪
545 DeVashr Abr Rev
547 Smith Hobart
548 Foster Martha Mrs
549 Rice Henry
551 Vacant
552 Newsome Mildred Mrs
553 Marion Wm
North intersects
602 Vacant
604 Jackson Gordon
606 Reed Jos
608 Carver Jennie Mrs
610 Wilson Edw
612 Douglass Arth
614 Epps Carl
616 Brousard Howard
618 Brower Myrtle Mrs
620 Robinson Isaac
622 Vacant
624 Wood Frank
626 Boles Harry
628 Penick Howard
630 Williams Jas
631 Price Harry
634 Mitchell Wm
635 Collins John
638 Johnson Robt
Hadley intersects
639 Simms Allen J ⓪
642 Dittrow Georgia Mrs
643 Marston Cole
644 Vacant
Walnut intersects

ALABAMA N — From 300 E
Washington north
ws Court House
5 Exchange Furn Co
7 Arrow Paint Store
9½ **Mansur Block** (for occupants see 312 E Washington)
9-11 Schuh Bros Co garden supp
15-17 Everitt's Seed Store
Court intersects
19-21 Jansen-Overman Co poultry supplies
Jansen Poultry Farm
21 Barnes-Ross Co adv agcy
25 Vacant
27 McKinney Archie comn mer
29 Kahl Wm restr
29½ Vacant
31 Beach Homer T barber
37 Vacant
39-43 Schussler Frank meats
Schussler Conrad F gro
Market intersects
101 Mishas Marcus restr
103 Standard Grocery Co (br)
105 Vacant
107-9 Smulyan Max A poultry
111 Standard Seed Store
113 Vacant
115 Indpls Plmbg & Supply Co
117 Cash & Carry Paper Co Inc
117½ Dakota Hotel
119 Ind Paint Roofing & Supply Co
119½ Davids Clifford lawyer
Capitol Secret Service Corp investigations
121 Root A I Co of Indpls beekeepers' supplies
121½ Mahan Hotel
123 Minnick Walter D restr
Wabash intersects
127 City Market (br)
130 Eads Sherley V poultry
131-33 Furnas Ice Cream Co Inc
Jessup & Antrim Ice Cream Co
134 Durham R W Co window shade mfrs
136 **Apartments**
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6-7 Ferrier Ella Mrs
Street continued
137 Marks Jennie Mrs furn rms
138 Stiers Frank M barber
139 Drake Claude barber
140 Vacant
142 Vacant
144 Arnoff Isaac confr
146 Whittington Wire & Iron Wks
148 Beck Saml contr
Gilium Lee saw filer
150 **Sullivan Apartments**
Apartments:
1 Kemnitz Wm F C
2 Kain Thos H
3 Whisner Minnie Mrs
4 Vacant
5 Vacant
6 Rice Mary Mrs
7 Sullivan Florence Mrs
8 Herman Lee
Street continued
152 Wagner Wm H printer
154 Vacant
156-58 Viehmann F J Co real est
Ohio intersects
201-11 City Hall Parking & Tire Service
202-20 **City Hall**
Basement:
2 Inspector of Weights and Measures
3-5 Street Commissioner
6 Street Inspector of New York
8 Marley Clarence C restr
11 Custodian
102 City Controller's Office
103 Board of Sanitary Comnrs
104-5 Board of Public Wks
106 City Purchasing Agcy
201 Department of Law
202 Law Library
203 Bureau of Buildings
Plumbing Inspector
Smoke Inspector
Elevator Inspector
Sign Inspector
204-5 Mayor's Office
207 City Civil Engineer
208 Park Engineer
301 Department of Public Parks
302 City Assessment Bureau
Barrett Law Dept
303 Dept of Public Parks (Recreation Dept)
304 City Plan Comn and Board of Zoning Appeals
305-6 Board of Public Safety
307 Board of Public Health and Charities
401 City Council Chamber
402 Chemical Engineer's Office
403 City Civil Engineer's Testing Laboratory
405 City Fire Alarm Tel Office (Gamewell Div)
Street continued
215 Scott C M Co beekeepers' supp
217 Vacant
219 Vacant
Miami intersects
220-22 Indpls Printing Co
Ritemore Stationery Co
221 Brand Jos B printer
224 Kain Thos H restr
225 Layton Frank & Co plmbrs
226 Vacant
228 Economy Parking Co
235 Municipal Garage
New York intersects
nw cor Standard Oil Co filling sta
303 Mabe Claude
307 Runyan Wm auto parking
309 Strong Bros plmbrs
309½ Vacant
310 **Baker Apartments** (For occupants see 341 Massachusetts av)
311 Economy Plmbg Supply Co
312 Indpls Elec Sign Co
315-17 Ballard Ice Cream Co
316 **The Brandt** (For occupants see 351½ Mass av)
318½ **Frances The**
Apartments:
1 Burns Edgar M
2 Pape Clarence
3 Vacant
4 Keskuna Jackson
Street continued
320 **Nicoli The**
Apartments:
1 Nelson Florence Mrs
2 Mischie Nicolas
3 Pettit Naomi
4 Vacant
Street continued
321-25 Sears Roebuck & Co dept store
Vermont intersects
Massachusetts av intersects
404 Baptist Jos chiro
406 Fislar Laura A masseuse
408 Hammel Geo J ⓪
412 **Alabama Apts**
bsmt Emrick Jos custodian
Apartments:
101 Conder Marie
102 Freeman Harry M
103 Jessee Velma
104 Golden Edith
105 Metsker Thelma
106 Norton Raymond L
107 Marshall Chester
108 Miner Betty
109 Standt Jane
110 Lyon Harold
111 Stormont Lowell H
112 Wright Robt
201 Ruse Bobbie
202 Foster Edna
203 Hardison Vera O
204 Milsk Jack
205 Hodson Glenn J
Biddinger Nova
206 McCarthy John H
207 Vacant
208 DeLaney Edna P
209 Girty L Myrle
210 Huggins S H
211 Overmyer Mary
212 Stone Rogt
301 Knote Horace L
302 Eley Fred W
303 Poling Mabel
304 Fickle Ruby J
305 Hitch Ralph L
306 Lees Irvine
307 Holly Cecil
308 Lee Delzie R

WM. F. STECK
Plumbing Heating and Repair Work
Timken Silent Automatic Oil Burners
Water Softeners Automatic Water Heaters
PHONE HUMBOLDT 3995
4923 College

HODGES FURNITURE AUCTION
the LARGEST AUCTION SALE of FURNITURE IN INDIANA
A SALE every TUESDAY
STORE YOUR FURNITURE
BUY YOUR FURNITURE
SELL YOUR FURNITURE
at HODGES
523-27 E. WASH.
RILEY 2019
MOVING PACKING STORAGE
F. D. PIERCE Prop.

Harry Hooks for Dependable DRUGS

Lawrs Business College
We would be pleased to have you ask Business Men and Students about us.
Write, Phone or Call for Catalog
Cor. Delaware and North Sts.
TELEPHONE RILEY 4440

ALABAMA N—Contd
Alabama Apts—Contd
309 Shapiro Marion
310 Orr Dell
311 Norris Walter J
312 Bradley Helen
Street continued
415 Cooperider C W Furn Co (whse)
Eden pl intersects
418 Foist Chas
420 Axt Wm G ⓒ
424 Barks Nell Mrs
426 Vacant
428 Ward Martha C Mrs furn rms
430 Phillips Petroleum Co fill sta
433-37 Malcom Anna Mrs
441-47 McVey Walter P
Michigan intersects
503 Pottenger Wm B furn rms
Hoover Wm A
505 Vacant
507 Hall Jas
508 Vacant
509 Williams Leora Mrs
510 Kirk Susan Mrs furn rms
511 Vacant
512 Klinger India Mrs furn rms
513 Jay Harry
514 Miller Lula Mrs
515 Scallan Walter E gro
516 Vacant
517 Sloan Harry G
518 Scott Curtis L
520 Lott Ella Mrs
521 Vacant
523 The Gaylord
bsmt Todd Clarence W
Apartments:
1 Reedy Freda
2 Porteus Mary L
3 Roback Emma Mrs
Kemble Guy
4 Chester Guy
5 Vacant
6 Plowman Edna M Mrs
rear **Gaylord Annex**
Apartments:
1 Guthrie Louise Mrs
2 Hardwick W Moses
3 Wynn Jas
4 Vacant
Street continued
524 Killion Eliz furn rms
525 Cloud Homer
527 Fink Theo uphol
528 O'Brien Sarah Mrs
530 Ford Victoria Mrs
North intersects
601 Sinclair Refining Co filling sta
602 The Worthington
(For other apts see 230 E North)
Apartments:
7 Ambrose Seymore
8 Vacant
9 Benjamin Louise Mrs
10 Roland Josephine
11-12 Downing Major A
13 Spencer Daisy Mrs
14 Bean Chas W
15 Vacant
Street continued
606 Huston Fred O contr
Fisher Harry G
607 Robertson John H gro
608 Vacant
610-14 Indpls Gospel Tabernacle
617 Vacant
618 The Hoffman
bsmt Town Louis custodian
Apartments:
1 Cohen Lena Mrs
2 Ellis Lawrence
3 Catzicas Peter
4 Davidson Wm A
5 Griffith Cath Mrs
6 Crawford Jerre R
Street continued
619 Taylor Wm R transfer
620 Ulen Willette furn rms
621 Tracy Margt
622 Tumlton Edmond K
623 New Church Chapel
624 Robins Kirby
625 Francis Jas
Rose Antonio
626 Coss Roy ⓒ
626½ Vacant
627 Vacant
628 Zumpfe Lottie Mrs furn rms
E Walnut intersects
701 Vacant
702-04 The Lugenie
bsmt Tatten Warner
Apartments:
1 Sullivan Ruel G
2 Gilliland Margt Mrs
3 Partlow John
4 Louise Leon
5 Bairnhart Bertram E
6 Mercer Emerald E
Street continued
703 Fulks Everet B
705 Nichols Webb
705½ Vacant
706 Vacant
707 Feldman Louis tailor
707½ Vacant
708 Vacant
709 Ryan Adda Mrs
Stocker Rena nurse
711 Dixon Hal
White Frances
712 Smith Chas A ⓒ
713 Vacant
714 Kriner Alex J cabt mkr
Hurrie Mary L
715 Traylor Laura furn rms
716 Hoffer Ethel Mrs furn rms
717 Patterson Ruth ⓒ
718 Sanders Chas H
719 Nay Clifford
720 Fondren Amanda Mrs furn rms
723 Powell Wm
724-26 Layton Maggie Mrs furn rms
725 Bush Chas R phys
727 Lynch John R
728 Standard Oil Co (br)
StClair intersects
801-03 Standard Gro Co (br)
805 Kroger Gro & Bkg Co (br)
805½ Vacant
809-11 Jordan Bros linoleums
Ft Wayne av intersects
Arch intersects
816 Haag Drug Co (br)
818 Stolte Stanley G shoe repr
818½ Glosson Anna E Mrs
820 Burns Maud Mrs restr
820½ Gossman Curtis
822 MacBeth Reynolds E hdw
822½ MacBeth Reynolds E
824 McDaniels Frank
825 Vacant
826-28 Storey Alf A phys and drugs
827 Foster Harry F dentist
829-31 The Alawayne
Apartments:
1 Bollweg Albert H
2 Carner Chas C
3 Bolton Mabel
4 Vacant
5 Vacant
6 Medlock Clifford A
7 Vacant
8 Vacant
Street continued
832 LaRue Kenneth L
833 Driskell Nettie Mrs
834 Peacher Albert M
835 Vacant
Ninth intersects
905-09 Vacant
911 Shaub Eliz Mrs
913 Isaac John
Sahm Intersects
915 Lines Emery E
916 Bender Henry
917 Hawkins Jos
918 Marott Gertrude Mrs ⓒ
919 Ross E Milford lawyer
920-22 Seminole Hotel
921 Barnett Chas W
923 Pryor Jas H
924 Jones Cyrus A restr
925 Peters Allen restr
926 Standard Gro Co (br)
926½ Vacant
StJoseph Intersects
927 Allen Eudolphia Mrs
928 Elder Herbert W
930 McLain Bettie beauty shop
931½ Apartments
1-2 Forbes Chas
3-4 Rains Walter H
5-6 Weaver Marie Mrs
7-8 Vacant
9-10 Ruhl Ralph G
11-12 Vacant
Street continued
932 Bennett Lumina
933 Vacant
933½ Vacant
934 Gallagher Lena
936 Strawn John
938 Holtam Jesse J
939 Turner Alvin H ⓒ
940 Runyan Oscar L
941 Smith Lewis R ⓒ
Puryear Intersects
942 McKinney Ruby beauty shop
943 Vacant
944 Keeter Mollie Mrs
945 Walden Fred J
946 Al-Ten Cleaners
947 Arterberry Orville
948 Indpls Times (sub sta)
949 Vacant
950 Vacant
952 Alabama St Market gros
Tenth Intersects
1001 Vacant
1003 Wallace Eliz Mrs
1005 Bull Edw
1009 Lawson J Donold
1010 Vorhies Ruth
1012 Reidel Wm F
1013 Vacant
1014 Shank Edna Mrs
1015 Reeves Thos H
1016 Vacant
1018 Vacant
1019 Hunter Melvin R ⓒ
rear Hunter Melvin R tinner
1020 Vacant
1021 Winton Susie Mrs
1022 Dionberger Lena Mrs
1024 Murphy John F
1025 Vacant
1029 Kroger Gro & Bkg Co (br)
Eleventh intersects
1100 Corcoran Pratt ⓒ
1101-03 Apollo Apartments
1101 Ambrose Leafa E Mrs
1102 Vacant
1103 Wood Cora A Mrs
1104 Barnes Fred R
1107 Apartments
1 Dennhardt Otto P
2 Pearce Chas A
3 Wiley W Everett
4 Vacant
5 Obenoweth Alf S
6 Vacant
7 Vacant
8 Vacant
Street continued
1108 Vacant
1110 Bolser Chas
1111 Taylor Etta E Mrs ⓒ
1115 Sutton Kate A Mrs ⓒ
1117 Gabbert Clyde H
1119 Welch E Bryan
1119½ Steinert Henry
1120 Spangler Raymond F ⓒ
Stiffler Eugenia P Mrs language tchr
1121 Garde Samuretta V
Crooke Earl E
1121½ Stewart Geo W
1125 Little Forrest W ⓒ
1126 Vacant
1129 Creighton Apartments
bsmt Ricketts Robin custodian
Apartments:
101 Munson Ruth J Mrs
102 Harper Dorothy E Mrs
103 McMeans John R
104 Duncan Herschel
105 Rudy Ward B
106 Bogard H Lane
107 Wekhoft Leonard E
108 Hamilton Margt
109 Latshaw Doris E Mrs
111 Bay Geneva M
114 Thomas Mary I
115 Tomlinson Mary
116 Parr Bonnie
117 Vacant
118 Schwandt Herman
119 Vacant
201 Wenzer Harry
202 Vacant
203 Francis Harold M
204 Siegfried J D
205 Roberts J Howard
206 Whitaker Jennie
207 Whitman Paul W
208 McMullen Inez
209 Tatro A M
211 Terry Wm M
214 Vacant
215 Miller Mae
216 Shull Ruby
217 Moore Albert
218 Huser Danl L
219 Euler Mary M
301 Cummings G B
302 Roberts Ray
303 Baumann G Marie
304 McDonough Robt
305 Thurber Earl J
306 Wood Ruth H
307 Vacant
308 Grover Robt F
309 Elrod C Raymond
311 Wimsinger Alvce
314 Meyer Howard C
315 Wainscott Cyril T
316 Ventimiglia Anthony W
317 Holler Geo F
318 Waterman Helen
319 McHugh Jos F
Street continued
1132 Vacant
1138 Dunlap Eliz B ⓒ
1144 Shute Eliz H Mrs ⓒ
Twelfth intersects
1201 Hackleman Pearl C Mrs
1205 Lieber Meta P Mrs ⓒ
1211 Holloway Harper B drugless phys
1213 Frazier Benj H
1214-16 The Rob Roy
Apartments:
(A) Baker Grace M Mrs beauty shop
(B) Wallace Jas H
(C) Paul Forrest K
(D) Hertz Peter J
Street continued
1215 Tilton F May Mrs
1219 Ransdale & Price undtkrs
Ind Funeral Directors Assn
Price Jacob W
1220 Vacant
1221 Lesch Edw podiatrist
1223 Vacant
1224 Quinn Mary A
1225-27 The Adelaide
Apartments:
1 Clark Pearl E Mrs baths
2 Wood Nancy
3 Wood Carolyn L Mrs
4 Poland Wm R
Street continued
1226 Vacant
1228 Vacant
1230 Vacant
rear Sallee Chas M
Helm Robt
1231 Seidensticker Chas A ⓒ
1232 Vacant
1234 Vacant
1235 Vacant
1237 Vacant
1241 First Friends Church
1242 Clark Anne B Mrs
1246 Vacant
Thirteenth intersects
1301 The Miller
bsmt Lowe Lester custodian
Apartments:
1 Miller Dena Mrs ⓒ
2 Keck Ray
3 McAllister Robt
4 Foley Mary L
5 Cushwa Richd P
6 McCracken Martin
Street continued

B. C. Torelle
Oil Heating
Domestic
Industrial
Heil Combustion Oil Burners
Boiler-Burner Units
Air Conditioning Systems
Water Systems for Shallow and Deep Wells
Water Softeners
Literature and Estimates on Request
HEIL Quality BUILT U.S.A.
2016 N. New Jersey St.
Indianapolis
Talbot 5028

Model MILK and ICE-CREAM
1250 BEECHER STREET Phone DREXEL 5010
MODEL CREAMERY INDIANAPOLIS EXTRA QUALITY DREX 5010 MILK

ALABAMA N—Contd
1304 Greer Olivar W
Hoop Frank C
1305 Walters Sarah E Mrs
1307 Schumann Henry
1308 Clark Geo H
1310 Sedwick Thos J
1312 Stapelkemper Wm M
1314 Kirby Jas E
1315 Daniel Etta V Mrs
Beck Wayne
1317 Vacant
1319 Titus Earl H
Randolph Roscoe C
Wills Voyla
1322 Apartments
1 Vacant
2 LaForge Wayne R
3 Stainfort Geo O
4 Hartzar Edw J
Street continued
1325 Barlault School of Expression
1326 Rasor Mattie S Mrs
1332 Wanshro Ida A ⓒ
1335 Apartments
1 Vacant
2 Myers Leonard A
3 Barnes Forrest W
4 Seward Bertha Mrs
5 Knott Chas B
6 Glenn Minnia E
7 Graves Jas F
8 Vacant
Street continued
1340 Greenen Chas D
1341 Gilmin Asa M
1342 Baker Gwynn
1401 Vacant
1402 New Traymore Apartments
bsmt Pryor Frank custodian
Apartments:
101 Nesbit S Arth
102 Phoebus Gordon
103 Vacant
104 Wood Norvell W
105 Bowen Jas R
106 Stachler Duane
107 Engessar Almeta
108 Karabell Geo
109 Litzelman Odalla J
110 Robinson Bobby
111 Wickham Helen
112 Nastla Paul F
115 Ferguson J Dale
116 Stevens H A
201 Schooler John N
202 Sidenbender Jos C
203 McClure Jana E Mrs
204 Vacant
205 Mahoney Claude A
206 Wengel Arth R
207 McElroy Colleen
208 Franklin Ralph M
209 Wilson Leona I
210 McDaniel Lewis C
211 Bennett Wilbur E
212 Bailey Merlin M
215 Vacant
216 Case John D
301 Wampner Normon C
302 Waggoner Leo
303 Hershon Benj
304 Klain Wm A
305 Miller Paul
306 Baker Harry
307 Ritz Denny F
308 Barg F
310 Fare Nelle E
311 Hurley Redmond
312 Morgan Ralph E
315 Rhoads F A
316 Goddard Sara J
Street continued
1407 Bowie Frank
1408 Connock Caroline M Mrs ⓒ
1409 Corya Chas L
1412 Stout Willard
Jackson Geo E
1414 Harden Jacob G
Harden Edith S Mrs ⓒ
1415 Sullivan John H
1416 Cockrum John B ⓒ
1420 Vacant
1421 Yeager Forest
Steinhoff Emerson
Lamb Geo W
Fouts Earl
Howe Laura E Mrs
1424 Craig Wm B ⓒ vet surg
1425 Harpick Viola
1428 Finn Margt A Mrs ⓒ
1429 Hooser Chas E ⓒ
1431 Stewart Della M Mrs
1435 Price Anna E Mrs
1436 Madden Wm M ⓒ
1437 Vacant
1439 Sims Chas C
Huber Harry
1440 Lana Frank L ⓒ
1441 Vacant
1443 Mardis David D
Richwine Lollia
1445 Smith Reese
Hadley Herschell A
1446 Horne Ernest S ⓒ
1452 Vacant
1455 All Souls Unitarian Church
1461 Hanna Ralph E
1462 Pye Wm H
1465 Vacant
1467 Vacant
1468 Schooler Minnie K Mrs ⓒ
1469 Mangold Alice V Mrs
Hooper Harry R
Reidenbach Claude
Endars Albert
Lacey Frances S Mrs
Fifteenth Intersects
1501 Hopping Ella D Mrs
1507 Schulmayer John ⓒ
1508 Loeper Helen A
1510 Binninger Frieda Mrs
1512 McKay Clarence D
1514 Scott Cada Mrs
1516 Fiald Burton B Mrs ⓒ
Fiald Morris B lawyer
Welfare League for the Blind Inc
1517 Page David A ⓒ
1518 Winchester Edmund I
1520 Midway Garage
1521 Riley Marion C restr
1525 Indpls P & L Co (nower hsa)
1526 Standard Gro Co (br)
1528 Vacant
1528½ Vacant
1532 Harbison Benj C drugs
Sixteenth Intersects
1601 Great A & P Tea Co (br)
1602 MidWestern Petroleum Corp filling sta
1605-07 Vacant
1610 Ever-Neat Cleaners
1610½ Platzer Geo F ⓒ
Gisler Susie drsmkr
Gisler Anna nurse
1613 Byrne John E
1614 Apartments
1 Cochill Paul M
2 Vacant
3 Straub Eliso Mrs
Street continued
1615 Young Fred
Buzher Wm E
1617 Barnes John W
1619 Chandler Herbert
1620 Hume Claude L ⓒ
1621 Vacant
1622 McCool Danl F
1624 Maunier Edw J ⓒ
1625 Foley Kate
1626 Vacant
1627 O'Neill Esther ⓒ
1628 Popa Archia C
1629 Shalley Carrie Mrs
1630 McNeils John G ⓒ
1631 Jenkins Walter F
1634 Monaghan Florence Mrs
Moore Robt T
1635 Gisler Fred C
1636 Evans Nora B Mrs ⓒ
1639 Tucker Lelia G
1640 Kiefer Chas L ⓒ
1641 Finch Lester K ⓒ
1642 Kriel Leona Mrs ⓒ
1644 Howey Earl J
1645 Harley Terrace
Apartments:
1 Smith Gertrude
2 Durre Edw M
3 Nutt Eliz Mrs
4 Vacant
5 Allan Mary
6 Curtis Jos W
Street continued
1648 Vacant
1649 Moynahan Apartments
bsmt Hendrickson Walter L
Apartments:
1 Ward Ruth
2 Hazelwood Witt H
3 Patton Maxwell L
4 Vacant
5 Flint Leroy L
6 Klasing Hele M
7 O'Harlow Minnie
8 Vacant
9 Vacant
10 Vacant
11 Gaines Claude
12 Cline John C
14 O'Neil Edw W
15 Gerken E Ford
16 Vacant Chas L
17 Vacant
18 Rencenbrink Helen
19 Lowes Mildred
20 Vacant
21 Couden Harrell B
22 Bonnar Golda C Mrs
23 Foster Clara H
24 Hendren V Otis
25 Flora Mary E
26 Schneider Regina Mrs
27 Gibson Lulu L
28 Duenzling Gladys Mrs
29 Cartar Wm E
30 Vacant
31 Book Geo
32 Ball Geo A
33 Boina Geo H
34 Walker Alice
35 Goodell Leslie W
36 Willis Esther
37 Vacant
38 Hendrickson Walter L
Street continued
1654 The Normandy
Apartments:
1 Steckman Maidie
2 Wotring Royal R
3 Skidmore Jas K
4 Bunch Henry L
Street continued
1655 Moynahan Apartments
bsmt Reed Harry C custodian
Apartments:
1 Jackson Gertrude drsmkr
2 DeVersy Emma K
3 Vacant
4 Ward Mary E Mrs beauty shop
5 Mull Mary M
6 Vacant
7 Burke Robt S
8 Light Saml W
9 Vacant
10 Fenca Emma
11 Hatfield Louis J
12 Hamburgar Myra L Mrs
14 Zink Gladys
15 Burrin Thos J
16 Stephenson Lloyd E
17 Duncan Jas D
18 Cook Lora music tchr
19 Reimanschneider Raymond M
20 Mays Otto C
21 McHala Mary
22 Deck Rovena
23 Rubush Esther
24 Boyd Margt
25 Willford J Leroy
26 DePauli Frank
27 Ray Ivan E
28 Wehr Margt Mrs
29 Garber Robt A
30 Vacant
31 Burton Sylvia
32 Vacant
33 Whiteside Beryl L
34 Vacant
35 Whitlock Neil H
36 Polen Francis
37 Bernardi John F
Seventeenth Intersects
1701 Hackett Margarita Mrs drsmkr
1702 Neuville Apartments
bsmt Thacker Alf house mgr
Apartments:
1 Allen Charlotte
2 Meeker Harold S
3 Neville Louis
4 Hiatt A Corwin
5 Ridge Halcie
6 Mullen Thos B
7 Talbot Donald
8 Snydar Dale D
9 Joest Elvera M
10 Chapman Mary
11-12 Vacant
13 Apple Philip
14 Mailloux Oma E
15 Murphy Leota
16 Sparks C Marie
Street continued
1705 Lichtenauer Emil M ⓒ
1706 Humphreys Wm J ⓒ
1709 Sweet Lucilla E Mrs ⓒ
1710 Curran Wm J ⓒ
1714 Russell Anna E Mrs
1715 Brodbeck Townsend C ⓒ
1716 York Wm L
Ohler Peter C
1717 Vacant
1719 Vacant
1721 Isenbauch Harry
1722 Earls John H ⓒ
Hillis Kimmel B
1726 Duke Maud M Mrs
1727 Blount Sherrard D ⓒ
1801 Edson Luther O
1803 Probst Henry S ⓒ
1805 Vacant
1806 Myers Ina Mrs ⓒ photo fnshr
1809 Rice Herbert H ⓒ
1810 Lewis Geo S
1815 Vacant
1816 Totten Junius A contr
1817 Frath Karl
1818 Melov Henry
1818½ White LaRue
1819 Nolan Danl H
1821 Popp Geo R ⓒ
1824 Hildebrand Margt B Mrs ⓒ
1826 Peters Ray E
1827 Rice Herbert H rugs
1828 Apartments
1 Morris Winfield S
2 Barcklow Emma Mrs
3 Foster Simon L
4 Vacant Chas L
Street continued
1831 Haley Timothy ⓒ
1832 Campbell Ira
1833 Fletcher Helena A Mrs ⓒ
1834 Parrish Chaster O
1837 Mohler Vern H ⓒ
landscape gdnr
1838 Guerin Thornton L ⓒ
1842 Dawson Julia A Mrs ⓒ
1843 Connell Thos & Son plmbrs
1844 Penney Earl R
1844½ Johnson Lona Mrs
1846 Vacant
1847 Civic Theatre of Indpls
1848 Vacant
1850 Vacant
1852 Hyman Edith Mrs gro
1853 Pritchett Wm C barber
1854 Lea Henry
1855 Morton Place Pharmacy
1856 Lea Henry clo clnr
Ninateenth Intersects
1901 Volunteers of America (Pepples Church)
1902 Vacant
1906 Vacant
1911 Clune Wm J
1912 Bandy Jas V
1915 Hampton John E
1917 Peck Leslie E
1920 Airhart John H
1921 Smith Ralph K ⓒ
1925 Klight Wm H
1926 Smith Ida G Mrs ⓒ
1927 VanArsdale Florence A Mrs
1929 Kirkpatrick Kate M Mrs ⓒ
1930 Mannen Wm E
Snively Tea Room
1932 Vacant
1933 Carson Harry K ⓒ
1934 Dinnin N Robt
1935 Gilliland Lawrence L

THE HATFIELD PAINT COMPANY INC.
104 S. MERIDIAN STR.
RILEY 5303-5304
Distributor for
PRATT and LAMBERT
Paint and Varnish Products

GUARANTEE TIRE & RUBBER CO.
Auto Supplies
Radio
Fishing Tackle
Guns
Ammunition
Storage
Batteries
Golf Supplies
Auto Tires
Bicycle Tires
Replacement Parts
Camping Goods
12 Stores
Main Store
211-13 S. Illinois St.
TEL. RILEY 7391

Joseph Gardner Co.
TIN COPPER AND SHEET IRON WORK
WARM AIR FURNACES
CORNICES AND SKYLIGHTS
Roofing and Metal Ceilings
TEL. RILEY 1562
147-153 Kentucky Ave.

ERNST AND ERNST
Certified Public Accountants
Audits
Cost Systems
Wage Plans
Statistics
Budgeting
Federal and State Taxes
Indianapolis Office
901-917 Illinois Bldg.

INDIANAPOLIS COAL CO.
BUILDING MATERIAL AND FUEL
Phone Riley 4491 Cor. Ohio and Massachusetts

ALABAMA N—Contd
1936 Brown Harry A
Lewis Danl F
1938 Wiltsie Leona M Mrs
1939 Moore Sue S Mrs
1942 Shea John O ⓪
1942½ Godkin Vernon A
1944 Stafford Chas J
Cline Bertha drsmkr
1946 Roberts Belle Mrs
Twentieth intersects
2001 Hood Alice P Mrs ⓪
2001½ Smith Chas H
2002 Scott Elmer E ⓪
2008 Saulter John T ⓪
2009 McKenna Margt Y ⓪
2011 Hamilton Lucius V ⓪
2012 Cline Bunie B Mrs ⓪
2018 Higgins Jesse B ⓪
2019 Hess Lena C ⓪
2020 Rickert John E
2021 Vacant
2022 Dearborn Della ⓪
2023 Vaught Karl R
2025 Vaught Albert M
2029 McDougall Frank W ⓪
2029½ Vacant
2030 Mayer Geo J ⓪
2033 Conner Natalie Mrs ⓪
2034 Langdon Elsie L ⓪
2037 Privett Orah L Mrs ⓪
2038 Hegarty Jas H ⓪
2041 Secrest Maude L ⓪
2042 Brock-Jones Wm ⓪
Good Geo
2044 Anthony Geo D
2045 Vacant
2046 Burns Jas J ⓪
2049 Vacant
2050 Isenbach Mary Mrs ⓪
2051 Baine Chas O
2052 Ellery Wm C ⓪
2054 Jacobson Erling E
Place Alf W
2055 Poyser Lewis N ⓪
2056 Shea Cornelius C ⓪
2057 Dillon Florence E
2059 Sterling Virginia L Mrs ⓪
2060 Johnson J Downing ⓪
2064 Burks Edna M ⓪
2065 The Manatee
Apartments:
1 Vacant
2 Vacant
3 Vacant
4 Vacant
Street continued
2066 Wood Jos
Twenty-first intersects
2101 Roberts John H jr
2102 Miller Edw F
2108 Orden Horatio N Rev
2109 McNulty Jas ⓪
2110 Long W D Oil Burner Corp
Long Wm D ⓪
2111 Hild Augusta M ⓪
2114 Stoll Emma M nurse
Lockwood Wilbur
Lockwood Martha Mrs nurse
Norwold Helen
2115 Martin Josephine G Mrs
2117 Mick Mary F Mrs ⓪
2118 Pantzer Cora B Mrs ⓪
2121 Schulz Florence Mrs
2122 Burgheim Louis ⓪
2124 Alexander Julia B Mrs ⓪
2125 Rhodes Clarence R ⓪
2126 Bunch Elsie M Mrs ⓪
2128 Vacant
2129 Murphy Shirley D Mrs ⓪
2134 Wright Pearl V
2135 Greenough Clarence F ⓪
2140 Clark Ethel H Mrs ⓪
2143 Hammond Ormand H
Walker Mildred M nurse
Hyland Mary V nurse
2144 Habing John G contr
2145 McComb E H Kemper ⓪
2146 Langsenkamp Lillie ⓪
2149 Bryan Park
2151 Vacant
2152 Vacant
2152½ Vacant
2153 Vacant
2155 Lindley Wm M
2158 Harris Bert H ⓪
2160 Vacant
Twenty-second intersects
2201 Smith Jessie J ⓪
2202 Cook Homer L ⓪
2202½ Hathaway Nelle
2203 Heinz Fred R
2204 Nichols Leo M ⓪
2205 Pollak Max ⓪
2206 Sherer Eura M Mrs ⓪
2211 Vacant
2214 Berlier Geo ⓪
2215 Jenson Jas H
2217 Michaelis Eliz Mrs
rear Taylor Jas
2219 Pfeiffer Arnold E
2220 Spiegel Geo M ⓪
2222 Irwin R Donald
2223 Rose The
Apartments:
1 White Chas S S
2 Vacant
3 Vacant
4 Scotten Clarence O
Street continued
2224 Irwin Robt M ⓪
2225 Vacant
2226 Ballweg Alf E ⓪
2227 Smith Elton H
2227½ Smith Fred F
2229 Moors Eva
2230 Vacant
2232 Searcy Lee
2233 Brayton Frank A
2234 Fosdick Clara R Mrs ⓪
Clark Raymond W
2235 Toner Floyd F
2237 Bernloehr Anna B Mrs ⓪
2238 Coleman Leslie R ⓪
2241 Hollcraft Jas W ⓪
rear Vacant
2242 Friday John W ⓪
2245 Miller Omer L ⓪
2246 Dean Walter F ⓪
2247 Steehlin Margt E Mrs ⓪
2249 Saperstein Jacob
2250 Gentry Ralph P
2253 Pretzfelder Ephraim
2254 McLaughlin Earl
2255 Blumenthal Tillie Mrs ⓪
2258 Ryan John ⓪
2259 Butcher Chrystal A
2261 Vacant
2262 O'Hair Alice ⓪
2263 Lingenfelter Lawrence M
Twenty-third intersects
2301 Vacant
2302 Gardner Wm C ⓪
es 1 s 2325 Seventh Day Adventist School
2306 Eagleson Wm B ⓪
2310 Edwards Geo D ⓪
2314 Tracy Alonzo ⓪
2320 Riley Hubert S
2322 Burrell Oliver B
2324 Lynch Wm F ⓪
2325 Best Henry L
2326 Rosengarten Moses F ⓪ real est
2327 Cox Hattie W Mrs
2328 Blake Wm D
Holycross Ernest C pntr
2330 Vacant
2332 Gaston Edwin E furnaces
2334 Walters Bryan B
2335 Woerner Eug L
2336 Bauman Chas F
2337 Keller Gertrude Mrs
2339 Lee Ishmael T
2340 Hemmerschlag Abr
2341 Carpenter Carl
2342 Vacant
2343 French Richd B
Tierman Arth P
2344 Quigle Martin A
2345 Tripp Agnes B Mrs
2346 DeHadway Porter
Teulker Virgil H
2347 Vacant
2348 Winn Mabel L Mrs ⓪
2349 Dufendach David C
2350 Dufour Wilfred
2351 Lytle Floyd B
2352 Neff John W
2353 Dorman Saml ⓪
2354 Burgess Chas H
2355 Peelle Mina E Mrs ⓪
2356 Schoberth Gottlieb
2357 Valentine Ira R
2358 Denoon Jas E gro
2359 Wolfe Robt R
2361 Albert Harvey L
2363 Paulissen Julia E Mrs ⓪
Twenty-fourth intersects
2402 Vacant
2403 Jeffries W Homer ⓪
2404 Bates Addie Mrs
2405 Bradley Geo F ⓪
2406 Bartick Jacob
2409 Downey Harlan W
2409 Barrett Harry ⓪
2410 Krafft Mary E Mrs ⓪
2411 Chandler Harry A
2412 Vacant
2414 Levy Saml
2415 Brewer Howard L
2417 Gold Sol A
2418 Eisenmann John J
2420 Driskell Eli L
2421 Braun Ewald E
2433 Vacant
2424 Weil Max
2425 McCoy Elsie C Mrs
2426-28 Vickery Mae Mrs ⓪
2429 Sedam Chas H
2432 Wadsworth Robt D ⓪
2433 Vacant
2435 Rail Leo J
2436 Stratton Melvin B ⓪
2437 Kretzmer Amelia W Mrs ⓪
2438 Leas Ralph B ⓪
2439 Meck S Morris
2441 Sumner Inez C Mrs
2442 Vacant
2443 Battista Beni
2444 Marcus Isadore ⓪
2445 Smallwood Paul D
2446 Stanley Wm H
2447 Vacant
2448 Miller E Dean lawyer
2449 Keller Chas E
2451 Way Basil V
2452 Richardson Alonzo E ⓪
2453 Centir Sol H
2454 Hungate Horold H
2455 Wildofsky Meyer H ⓪
2456 Vacant
2458 Gertz Magdalena R Mrs ⓪
2460 Eyre Raymond
Twenty-fifth intersects
2501 McKamey Frank E
2502 Wood Wm A ⓪
2503 Vacant
2506 Banks Howard J
2509 Vacant
2510 Hill Norman H ⓪
2511 Vacant
2513 Vacant
2516 Cooper Saml ⓪ plmbr
2517 Law Willis ⓪
2518 Winkle Levi
2519 Summers Harry G
2520 Marshall Mamie T Mrs
2521 Hill Effie C Mrs ⓪
2524 Davis Leland P ⓪
2525 Clark Chas V ⓪
2526 Vacant
2529 Muench Geo L
2530 Vacant
2531 Jordan Edw R
2533 Adler Fred C
2534 Richardson Wm T ⓪
2535 Malott Wm S
2539 Hanna Elinor V Mrs ⓪
2540 Selvage Luella A Mrs ⓪
2541 Kestner Louis H ⓪
2542 Harton John C
2545 Wright Angeline G Mrs
2546 Wiles Ernst H
2547 Vacant
2548 Babcock Marvin E
2601 Freeman Harry Z ⓪
2602 King Thos S
2604 Vacant
2605 Strange Geo W ⓪
2606 Bain Lowell H ⓪
2609 Lambertus Peter ⓪
2610 Robins Merritt E ⓪
2615 Vacant
2616 King Fred I
2617 O'Mahony Jos P ⓪
2618 Badger Cecil F
2619 Morgan Herminia M nurse
2620 Vacant
2621 Street Chauncey A ⓪
2622 Holt Wm C
2625 Hunter Wm R
2626 Runyan Saml E
2628 Scott G Cleo
2630 Fulle Colin
2631 Janney Carleton R
2635 Barnes Richd
2636 Lawrence Leander A ⓪
2637 Berg Russell O
Fall Creek Blvd intersects
Fall Creek crosses

ALABAMA S—From 301 E Washington south
14-16 Greenspan Abr bondsmn
Greenspan Lena Mrs restr
Gold Bond Baking Supply Co
18 Farb Albert bondsmn
19 Balfour Cheese Co
20 Frankfort Martin bondsmn
22 Rapla Mary Mrs bondsmn
Blomberg Herman bondsmn
Fisher Fred chemist
23 **Alabama Apts**
Apartments:
1-2 McDonald Jos C
3-4 Cadwallader Wm R
5-6 Vacant
7-8 Spurrier Mary Mrs
9-10 Vacant
11-12 Rubush Mary J Mrs
13-16 Balfour Cheese Co office
17-18 Vacant
19-20 Vacant
21-22 Vacant
23-24 Vacant
25-26 Vacant
27-28 Kennedy Geo C
29-30 Vacant
31-32 Roberts Gladys Mrs
Street continued
24 Vacant
25 Balfour Cheese Co (store rm)
27 Foodiano Jos
Pearl intersects
32-48 Marion County Jail
Sumner Chas L Sheriff
Marion County Accident Prevention Bureau
33-37 **City Building**
Police Headquarters
City Clerk
City Jail
Municipal Court Rooms 3 and 4
Probation Dept Municipal Court of Marion County
Maryland intersects
114 Advance Trans & Whse Co
120-40 Hitz Geo & Co comn mchs
127 Quattrocchi Mariano
144 Pure Oil Co filling sta
Virginia av intersects
Louisiana intersects
301 Redfearn Harry H & Co whol butter and eggs
311 Altemeyer Louis auto repr
315 Cushman Motor Delivery Co Inc
317-21 Faetz Geo L & Sons uphols supplies
329 Mastny Max tailor
Grothe Henry gro
331 Woods Wm H
335 Vacant
335½ Vacant
337 Vacant
South intersects
401-03 Perfect Foods Inc whol gros
407-11 **Apartments**
1 Johnston Chas
2-6 Vacant
7 Jackson Saml
8 Ray Ernest
9 Johns Blanche M Mrs
10 Vacant
11 Marsh Raymond
12 Vacant
13-14 Tubbs Don E
Street continued

The NEWS for WANT ADS..
Call RI-7441 the RESULT NUMBER

ALABAMA S—Contd
409-11 Automatic Mfg Co
415 Sayers John
417 Johnson Harry L
419 Vacant
423 Conway Mathias M
424 Thall Harry E
426 Gamble John E
Empire intersects
427 Jackson Jas
428 Vacant
430 Vacant
431 Edwards Chas W
431½ Vacant
432 Vacant
433 Vol Anthony ⓪
434 Vacant
436 Vacant
438-42 Venzone Sales & Mfg Co (plant)
439 Fette Minnie ⓪
443 Vacant
444 Morgan Floyd
446 Clary Clara Mrs
Henry intersects
501 Williams Ivan
503 Long Chas H
504 Mercurio John
Caito Michl
507 Lookebill Amos
rear Price Harry H
507½ Kernodle Horace G
510 Patterson Abr ⓪ gro
511 Vacant
514 Vacant
516 Manley Mary J Mrs
517 Indiana Chemical & Mfg Co
518 Vacant
519 Patterson Wm
520 Vacant
524 Hennessy Nora T ⓪
525 Hanshrough Earl
526 Greson Ralph
529 Shuffield Louis D
530 Washam Millard
532 Vacant
532½ Sawyer Levi
533 Weber Harry A ⓪
536 Vacant
537 Sering Harry ⓪
538 Stormer Henry
540 Gibson Eli S
Merrill intersects
618 Harnisbfeger Edw H
620 Vacant
621 Albert Effie T
622 Siddens Harry E
623 Vacant
624 Vacant
625 Stephens Lucretia E Mrs ⓪
629 Binghams Saml Son Mfg Co printers' rollers Intl Sales Corp machs Janton Co indy supplies
Stevens intersects
635 Webb Orville D
rear Wilson Florence L Mrs
Mascari Frank L
Cleaver Jos J
637 Vacant
645 Voyles John D
649 Yarbaugh Lee
653 Hamilton Harry W plmbr
665 Dwyer Wm J
657 Williams Sever
659 Oehler Wm ⓪ watchmkr
661 Barnecle Harry D ⓪
730 Lilly Eli & Co chemists
McCarty intersects
Wyoming intersects
Hocking intersects
947 Neffle Anna T Mrs
948 Houlihan Timothy ⓪
951 Gruner Edw
952 Peas Jos
955 Fox Wm M
959 Rasfield Carl V
961 Winkler Ray L Mrs
963 Kasting Mathilda Mrs ⓪
964 Rizzo Michl
965 Kiess Olive Mrs
1001 Ryan John S
rear Hale Ezra E
1002 Leary Frank S
1003 Drumb Geo F
1005 Fisher Freida Mrs
1005½ Baker Granfel
Renner Conrad
1006 Rennegarbe Fred ⓪
1007 Wright Ernest
1009 Vacant
1010 Maier Theo
1011 Gruner Kenneth
1014 Guerrini Anthony
1014½ Starkey Maud Mrs
Brown Beni
1015 Sullivan Julia ⓪
1018 Smyth Emma Mrs
1019 Breithaupt Geo J ⓪
1022 Stewart Horace
1023 Vacant
1025 Vacant
1026 Richey Jas J
1029 Dean John R
1030 Strotman Henry J
1031 Cartmel Vern A
1034 Public Library (Madison Av br)
1037 Rizzo Jos
Prospect intersects
Sanders intersects
1251 Shoemake Orville L
Orange intersects
1301 Vacant
1303 Hasenstab Mary M Mrs ⓪
1305 Reese Forest R
1307 Siela Erman
1313 Tinsley John A
rear Tinsley John A auto repr
1328 Hoffmann Otto V ⓪
1332 Vaughn Emery J
1336 Vacant
1338 Vacant
1344 Weber Eliz Mrs ⓪
1348 Otto Albert H ⓪
1352 O'Banion Evan S
Terrace av intersects
1401 Baker H Jefferson
1405 Suddeth Ruby Mrs
1407 Coons Wm F
1409 Powers Chas W
1410 Allmeroth Leonard A jr
1411 Vacant
rear Harris Jas
1413 Stahl Martin L
rear Crawford Thos
1415 Fitzpatrick Patk J stmftr
1416 Sage Wm L ⓪
1417 Hutker Glenn E
1419 Hays Vernon F
1420 Truex Wm J
1423 Wiedenhaupt Herman ⓪
1427 Brushwiller John D
1427½ Weber Leo
Miller Edgar
1428 Heath Emma A Mrs
Silbernagel Jacob
1430 Vacant Harry W
1431 Maier Chas J ⓪
1435 Bowers Harry F
1436 Coons Alpheus F
1437 Vacant
1438 Bauerle Nicholas
1439 Krampe Fredk G ⓪
1444 Brent Pearl Mrs
1446 Kinder Laura E Mrs
1448 Gross Matilda Mrs ⓪
1501 Unger Henry L ⓪
1502 Ackman Chas W ⓪
1504 Vacant
1506 Brandlein Paul ⓪
1507 Kitts Gibson H
1508 Martin Cecil A
1509 Schmidt Louis W ⓪
1510 Silcox Harry A
1513 Haupt Paul F
1514 Ressler Chas A ⓪
1518 Krisch Frank O ⓪
1521 Weiffenbach Gustav ⓪
1522 Woods Albert D
1524 Hartman Fred W huckster
1528 Follett John W
1526 Specker Chas G ⓪
1527 Sinker Alf H
1529 Scheib Chas A ⓪
1530 Mangold Louis J
1532 Sawyer Ruby Mrs
1533 Leyenberger Geo M
1534 Horton Archie F
1536 Busch Herbert V
1537 Vacant
1538 Tietz Anton ⓪
1542 Wachtel Jacob ⓪
1546 Clasby Wayne
1548 Trammel Ola
Lincoln intersects

ALATHA AV — From 306 Gerard dr west to Lyndhurst dr
5235 Cowles Chas W
5239 Ray Claude H
5243 Napier Chas B ⓪
5247 Medlesky Alf A

ALBANY—From S Meridian east to Shelby, first north of Troy av
117 Mullikin Travis J
118 Johnston Virgil L
123 McGinnis Horace E ⓪
125 Seedorf Henry G ⓪
133 Seedorf Ervin E ⓪
203 Volpo Fred G
211 Wickersham Roy D
Brill intersects
305 Snider Alvin C ⓪
314 McAdams Verner R ⓪
321 Behr John N
324 Snider G Dewey ⓪
344 King Bertha Mrs ⓪
346 Granneman Adolph J ⓪
347 Wininger Nelson ⓪
360 Hendricks Arth W ⓪
367 Batton Chas E ⓪
369 Huff Alf M ⓪
371 Vacant
rear Newman Lawrence ⓪
374 Walton Ernest ⓪
Madison av intersects
901 Vacant
903 Reading Claude J
905 Vacant
913 Monroe Anderson C
916 Wyman Jos M ⓪
917 McCandles T Roy ⓪
924 Maple Willard W ⓪
926 Strong Harry O ⓪
929 Roth Fredk C ⓪
rear Suit Myrtle Mrs
930 Livers Thos P
933 Benner Jas O ⓪
935 Hanson Howard O ⓪
938 Gorman Thos E
Hartmann Fred
943 Monroe Alfarado ⓪
944 Vacant
946 Wicks Harry J
948 Houze Homer M ⓪
952 Catobius Anton
953 Gibbs Harry O
955 Reeves Clifton R
959 Albertson Homer G
960 Stegner Harley T
1001 Hord Richd R paperhngr
1005 Layton Edw E ⓪
1009 Lukens Maurice R
1010 Kendall Jordan L ⓪
Manker intersects
1019 Jenkins Raymond T
1020 Lukens Arlis W
1024 Hare H Leon
1027 Gettinger Jesse J Rev
1028 Phillips Wm F
1029 Hammersley Paul R
1030 Murr Lyman C Rev
1034 Nichols Jos
1035 Mitchell Chas W ⓪
1039 Johnston Chas L ⓪
1040 Sims Oscar ⓪
1046 Dininger Clarence ⓪
1047 Kruker Edwin G ⓪
Shelby intersects

ALBANY (Beech Grove)
6 Smith Wiley T autos
rear Ward J Dewey auto repr
408 Benner Lee H
1215 Heumelzarm Henry J ⓪
1217 Hambrick John W ⓪
1219 Mesling John W ⓪
1228 Offringa John D ⓪
1318 Datzman Cyril W
1327 McFarland Ira R ⓪
1328 Brawner Saml J
S Fourteenth av intersects
1401 Hein Harry W
1402 Bright Walter M
1406 Schaefer Michl P
1407 Byland Lee S
1410 Wessling Henry W ⓪
1424 Wakelam Edw C ⓪
1428 Hoereth Albert J
1501 Davis Dodge N
1715 Ward Dewey ⓪
1721 Scott Howard W ⓪
1816 Baar Wm C
1817 Keller Otto A ⓪
1820 Vacant
1829 Vincent John H ⓪
1904 Sahm Arth
1911 Gant Otis A
1915 McFarland Wm K
1919 McFarland Wm P contr
2001 Ryner Bertha C Mrs ⓪
2020 Hermann Hazel Mrs ⓪
2100 Proper Edw J ⓪
2106 Proper Herman H fill sta
2110 Fleetwood Paul J
2120 Vacant
2121 Fields Louis
2204 Magan Arth H ⓪
2205 Brandlein Chester W
2212 Nelson Harry J
2216 Showalter Norman R ⓪
2302 Ballman John A ⓪
2315 Indpls Power & Light Co
2316 Maroney John J ⓪
2318 Baldus Geo F ⓪
2416 McKinney Wm F ⓪

ALBERT—From 1050 W Vermont north to Holborn
406 Wagner Clinton
408 Green Henry T transfer
410 Vacant
412 Marshall Levi
416 Vacant
418 Woodward Gilbert

ALBERT AV N—From B & O R R north to 3827 W Tenth, 1 west of Olin av
965 Vacant
969 Friedrich Winnie W ⓪
971 Icenogle Saml ⓪

ALBERT AV S—From 3545 W Wash south to Vandalia R R
450 Bates Jas J ⓪

ALBERT McCLURE — See McClure

ALDRICH—From Vandeman av east and west 1 north of Prospect

ALEXANDER AV — From Canby east, first south of Prospect

ALIQ — From W Henry south to Merrill, 1 west of S West

ALLEGHENY E — From Meridian east between Vermont and Michigan
Pennsylvania intersects
Delaware intersects
Alabama intersects
New Jersey intersects
East intersects
Liberty intersects
610 Ogden & Son auto repr
621 Vacant
622 McAlayer Amelia Mrs
624 Vacant
626 Vacant
628 Vacant
Cincinnati intersects
632 Green Jas

ALLEGHENY W—From Meridian west between Vermont and Michigan
Illinois intersects
Muskingum intersects
172 Vacant
174 Vacant
176 Vacant
178 Vacant
Capitol av intersects
Roanoke intersects

The Marott HOTEL
Meridian at Fall Creek Blvd.
Phone TA-4800
An Ultra Modern Hotel embodying all the features of unexcelled Hotel accomodations with incomparable advantages for BETTER LIVING
REASONABLE RENTAL RATES
Apartments $50 a Month and Up
Living at the MAROTT will make you Happy
Try the Crystal Dining Room at the Marott... famous for its excellent food and Beautiful environment
DINNERS..
Eating at the Marott will make you HEALTHY

A GREAT INDIANA COMPANY
The STATE LIFE INSURANCE COMPANY
Assets Over
$45,000,000

"Mark every Grave"
ASPERGER & GERHARDT
Designers and Builders
Quality Cemetery Memorials
Office and Works:
3405 Boulevard Pl.
Opposite East Entrance Crown Hill Cemetery
TELEPHONE TALBOT 4300

Lawrs Business College
A Select School in a Select Location
COR. DELAWARE and NORTH STS.
INDIVIDUAL INSTRUCTION
EXPERT TEACHERS
Enter Any Time
Telephone RIley 4440

ADAMS—Contd
2601 Costin Louis H
2603 Frazier Robt L
2611 Vacant
2615 Brown Ruth
Buyhers Albert N
2621 Hoffmann Virgil L
2623 Kennedy Orlo W
2627 Pearson Fred
2630 McGuirk Jos P
2634 Tracy Asa R
2702 Washburn Steph A
2710 Winings Claude J
2714 Green Edna
2718 Orff Claude
2719 Harvey Gustavus J jr
2721 Thomas David W
2722 Kegg Geo I
2726 Vacant
2730 Vacant
2732 Vacant
2734 Sherron Glen
2738 Vacant
2739 Vacant
2742 Godsey Danl
2743 Demaree Claude S
2746 Weathers Byron
2749 Schrader Roberta
2750 Harvey Gustavus J
Twentyeighth (F) intersects
2802 Moyer Paul C
2804 Bailey Bradley
2806 Hirt Robt L
2809 Clayton John
2810 Zahner Virl R
2811 Crist John O
2815 Crain Leon J
2816 Roeske Wm F contr
2819 Alspach L W
2821 Richey Alf A
2822 Beall Thos H C
2826 Watts Kinnie
2829 Vacant
2831 Nash Jos T
2850 Andrews Frank M
2854 Tracy Wm B
2860 Nevers Chester A
2861 Moulton Clarence
2862 Scalf Arth W
2864 Vacant
2865 Vestal Jas H
2866 Vacant
2869 Christy Wm L
2870 Farmer Wm
2875 Montgomery Wm W
2877 Colburn Calvin E
2880 Duke Lena
Duke Adaline beauty shop
2905 Vacant
2907 Vacant
2909 Taylor Clarence M
2911 Ragsdale Wm
2912 Utterback Chas W
2919 Rightmyer E Ray
2920 Bettenbrock Geo
2926 Thomas Cecil H
2930 DeHart Lloyd
2934 Duchemin Ivan C
2949 Leisure Wm H
2951 Moore Henry
2965 Vacant
2967 Roe Jas W
2969 Vacant
2973 Crossmun Jas E
2977 Boehm Frank A
Thirtieth (F) intersects
3220 Bird Dohn C
3221 Adolph Earl E
3231 Vacant
3235 Short John E
3249 Firestone Chas
3602 Short John
3612 Brandenburg Frank
3658 Heitcourt Thos
3660 Stefanich John
3714 Hargreaves E I
3718 Dean Foster
3722 Branyan Ambrose L
3760 Balmaz Frank

ADDISON N — From 2600 W Washington north to Vermont
12 Chadwell Noble E
13 Lermond Nellie C
15 Vacant
16 Burns Jas J
17 Mulvine Nora
22 West Park Christian Ch
23 Williams Riehd W
25 Poisel Arth M
28 Vacant
30 Collins N L Rev
31 Slavens Lucetta L
34 Roberson Chas
35 Lannan Albert W
38 Ramsey Robt C
39 Conley Luther
41 Morris Floyd L
43 Thomas Marie
44 Moran Michl
45 Bechtold Jos
47 Dugan Timothy
48 Fidger John F
50 Teney Clarence H
51 Brown J M
54 Sanders Ollie F
55 Gill John W
58 Smith Louis E
Clarke Jas E
59 Angell Jos M
62 Anderson John M transfer
63 Nogle Louis L
65 Murphy Jas H
66 Hedge Earl C
67 Robertson Walter E
68 Hopper A E
70 Carsten Enos C
71 Kinkead Warner W
74 Davis Harry
75 Horner Elmer E
76 Blank Geo W
79 Smallwood Lena
81 Burnworth John
82 Slagle Calvin G
83 Mitchell John S
85 Peek Chas E
86 Cease Lester W
87 Neal Chas
Ohio (V) intersects
201 Baker Clarence G Rev
202 London Cecil R
204 James Geo J
205 Swaim Claude S
206 Fink Andrew A
209 Jeffras Homer L
210 Kilburn Chas
211 Hart Jas H
212 Allen Chas W
213 Walker Verlis E
214 Jones Wm O
217 Pollard Thos
218 Berry Edwin L
221 Kenny John W
222 Vestal Frank
225 DeBurger Geo S
226 Vanasdal Waldren
229 Blackburn John A
230 Wilking Chas J
233 Swails Walker A
234 Stewart Ross
237 Riddell Wm F
Riddell Kathryn beauty shop
238 VanHorn Edw E
241 Russell Benj A
242 Raquet Harvey V
245 McClanahan Cliff L
246 Johnson Wm L
249 Fiscus Raymond C
250 Weakley Walter W
252 Mattingly Benj
253 Ogden Richd
254 Martin Wm E
256 Hampton Houston
257 Craig Luther
258 Harrah J Hershel
260 Bernhardt Carl F
261 Richardson John A
262 Clements J Findley
265 Catton Wm E
266 Featheringill Anna K
269 Ratcliff Carl M
270 Dorsett Roscoe C
274 Fowler Jas F
275 Forth Frank A
278 Grover Meyer E
279 Legg Jas C
281 Butler Geo W
282 Lamber Wm H
New York (V) intersects
301 Tinsley Chas gro
302 Farmer Lewis S
303 Tinsley Chas
305 Bullock Leo F
306 Abshier Geo T
309 York Jos E
310 Perrine Chas D
313 Hybarger Melvin H
313½ Peacock Melvin H
314 Kassler Austin J
317 Lee Orval T
318 Layton Jacob C
320 Combs Bertha Mrs
321 Myers Jas A
322 Pyatt Wm W
324 Vacant
325 Jones Clyde E
326 Cavanaugh Wm
329 Foster Alva O
330 Basch Wm P
333 Meadows Andrew G
334 Vacant
335 Basch Jos W
337 Connor John P
340 Lenahan Timothy J
341 Coverdill Sterling R
344 Stoner Chas C
345 Hamilton Harry
348 Haywood Wm
349 Marshall Fred E
350 Campbell Wm M
351 Dugan John
352 Stritt Carl I
354 Oakey Edw
356 Clements John H
357 Snyder Martin E
358 Hack Claude
359 Reptik John
359½ Vacant
361 Vacant
362 Ellwanger Cath
366 Bender Fredk L
VonWiller Herman A
Vermont (V) intersects
Turner av (V) intersects

ADDISON S — From 2600 W Washington south to T H & I R R
16 Jolf Kennett B gro
17 Burton Edw H real est
21 Harvey Edgar W
22 Stevens Walter H
24 Tucker Chester A
25 McCain Cecil G
26 Sharpee David E
28 Arnold Paul G
29 Wise Anna E
30 Jacobs Hamilton E
33 Wilson Chas
34 Harrington Frank D
37 Mitchell Gary O
38 Poisel Jas
41 Jones Mark M
42 Stanford Wm J
45 Bennett Louise A Mrs
46 Black Jas M
47 Thomas Mary E Mrs
49 Jines John W
50 Taylor Albert P
58 Miller Wm L
59 Landon Arth G
Jackson (V) intersects
C C C & St L R R intersects
205-09 Vacant
206 Karcher Jos
210 Doss Jas D
214 Martindale Chas C
218 Davis Albert
222 Lee Howard E
226 Bundy Edw D
230 Underwood Andrew C
232 Patrick Alpha R
234 Vacant
236 Hurt Leonard A
Bertha (V) intersects
300 Mitchell Roy
302 Packard Glenn L
318 Smith Chas E
322 Taylor Wm E
328 Mitchell Silas
330 Branham John
332 Harris Jas F
334 Hoffman Frank
336 Jones Fred
Ida (V) intersects
402 Whitted Anna M
410 Vacant
414 Vacant
418 Medaris Oscar F
422 Smith Alva
426 Jones Danl
430 Pfeiffer Jos J
434 Threewits Arth V
Victoria (V) intersects
502 Gunnell Arth T
506 Wolfla Henry D
510 Singleton Carl L
522 Reed Oscar F furn rms
526 Taylor Lewis
530 Stelting Claude G
534 Renfro Oliver N
Wyoming (V) intersects
737 Vacant
742 Purdy Albert R
748 Roach Ora E
McCarty (V) intersects
802 Baker Forest
810 Clifton Clifford
819 Brinker John
820 Anderson Robt
822 McCool Carl C
825 Kiser Walter H
830 Hurd Haze
833 Brumfield Frank
840 Hyatt Jos W
845 Conrad Wm E
848 Moore Jesse J
852 Vacant
853 Hall Saml F
858 Yates Alonzo F
865 Roberts Arth H
Ray' (V) intersects

ADELAIDE N—Changed to Cleveland

ADELAIDE S — From 425 E Washington south to South (R)

ADLER E—From 1813 S Meridian east to Madison av
12 Riesel Paul
13 Lowden Oliver A
14 Vacant
16 Patterson Wm J
18 Klinge Herbert
Charles (Q) intersects
20 Burgess Flora I
22 Oliver Robt B
24 Taylor Alf T
26 Black Herman
30 Ash Thos W
32 Lex Wm B
34 Brun Amos
36 Simms Perry F
39 Stroup John F
Union (Q) intersects
112 Graham Minnie
114 Heckman Donald
116 McCammon Geo jr
118 Brown Ralph
124 Wodtke Henry G
Delaware (Q) intersects
Talbot intersects
Madison av intersects

ADLER W—From 1826 S Meridian west to Senate av (Q)
8 Lange Edw J
8½ Vacant
10 Vacant
12 Griffin Mabel
19 Massey Isaac

AGNES—From 940 W New York north to Walnut
307 O'Roark Fredk
312 Hood Rubber Prod Co
315 Toliver Creamous
316 Jones Wm H
319 Moore Ella
323 Shivers Geo
Stowers John S exp
324 Vacant
327 Kress John
328 Bock Otto A
331 Long John
332 Douglass Easter
335 Wiggins Robt
336 Birdson Ashley
339 Davis Horace
340 Bembry Wm
344 Rodgers Judson
rear Robinson Allen
Vermont (O) intersects
401 Thomas Lulu
403 Churchill Henry
405 Beck John
407 Sansbury Mary
409 Jenkins Chas J
415 Evans Robt M
417 Holman Naomi
419 Walker Henry B
419½ Eir Chas
423 Vacant
425 Daniels Wesley
427 Vacant
429 Roach Andrew
431 Billingsley Claude
435 Butler Chas
436 Douglas Edw L
438 Wagner Mack
439 Francis Dal
Pettijohn (X) intersects
441 Vacant
442 Marshall Robt A
443 Dorsey Edw barber
444 Easterline Cora L
445 Vacant
447 Holman Bertha
448 Williams Dee
451 New Light Bapt Ch
451½ Abernathy Jos H
452 Williams Ance
453 Thompson Thos
454 Worthington Thos
455 Hatcher Barnard
455½ Vacant
456 Taylor Lena
457 Page Cal
457½ Torbet Emmett L
458 Miller Albert
458½ Vacant
460 Williams Wm
460½ Vacant
461 Vacant
464 Thomas Eug
Michigan (X) intersects
501½ Branham Kate
501 Thompson Thos gro
504 Cissell Jean
504½ Vacant
506 Vacant
507 Snyder Frank
508 Towsey Wm G
509 Guthrie Jas
510 Allen Wayman
510½ Woodward Gilbert
511 McGinnis Geo
512 Wyatt Chas E
513 Smith Jas
515 Chandler Hezekiah
516 Jackson Clifford
517 McGinty Thos
518 Green Wm
519 Burton Fred
520 Smith Howard
523 Sanderson Kate
524 Watson Melvin L
rear McGinnis Arth
525 Vacant
526 Williams Wm
526½ Wilson Agatha
527 Burris Chas phys
528 Frye Lonnie shoe repr
529 Vacant
530 Smith Chas W
531 Sanderson Geo M
532 Robinson Luke
535 Women's Improvement Club Home
538 Vacant
539 Thomas Jas L contr
540 Arnett John T
544 Richardson Chas M
545 Vacant
547 Teeters Emma
548 Pearson Mary
549 Rice Henry
552 Griffin Alonzo
553 Hider John cone mfr
North (X) intersects
602 Brown Herman H
604 Johnson Kath
606 Reed Jos
608 Wilson Charlotte
610 Vacant
612 Owens Sylvester
614 Greene Chester
616 Hamilton John
618 Miller Roy
620 Vacant
622 Young Benj
624 Butler Alex
626 Massey M D
628 Pracen Forman
630 Johnson Edw A
631 Price Isabella
Hadley (W) intersects
634 Maize Fremont
635 Price Harry K
638 Clifford Sophie M
639 Simms Allen J
642 Linlard Harrison
643 Evans Casey
646 Davis Wm
Walnut (W) intersects

ALABAMA N — From 300 E Washington north
ws Court House
3 Vacant
5 Everitt's Seed Store (br)
7 **Mansur Block** (For occupants see 312 E Washington)
9-11 Zent H F agrl implts
15-17 Indiana Dry Goods Co
Court (R) intersects
19-23 Jansen-Overman Co
poultry sups
Jansen Poultry Farm
Shotwell Pump & Tank Co
Shepard & James machs
Barnes-Ross Co printers
Milburn Raymond F mfrs agt
3d fl Serv-A-Liter Co novelty mfrs
25 Shank Carl Furn Co
27 Davidson C W com mer
29 Kahl Wm restr
29½ Gordon Nat sign pntr
VanBlarcum Jesse sign hngr
Meyers Bert pntr
31 Beach Homer T barber
33 Vacant
35 Vacant
37 Vacant
43 Carson Mabel E restr
Market (F) intersects
101 Mishas Marcus restr
103 Standard Grocery Co
105 Vacant
107 Gordon Jas soft drinks
109 Vacant
111 Indpls Plmbg & Sup Co
113 Cash & Carry Paper Co Inc
115 Gordon Jas barber
117 Vacant
117½ Tryon Jennie
119 Roell Peter A furn
119½ Vacant
121 Root A & Co of Indpls
beekeepers supplies
121-25½ O'Brien's Hotel
121½ O'Brien Sarah Mrs
123 Horton-Luse Co house furngs
125 Smulyan Bros poultry
Wabash (F) intersects
127 Watson Carey F barber
130 Dads Sherley V poultry
131-33 Furnas Ice Cream Co
134 Durham R W Co window shade mfrs
136 **Apartments**
1 Durham R W Co (factory)
2 Gray Chas E
3 Vacant
4 Wisey R E
5 Newbold Lena
6 Groom Geo A
7 Vacant
Street continued
137 Marks Jennie furn rms
138 Dollart D B barber
140 Beeler Thos A restr
Beeler Osco poultry
142 Meridian Stables
144 White A O cigars
146 Whittington Wire & Iron Works
148 Beck Saml contr
150 **Sullivan Apartments**
Apartments:
1 Aichhorn Allie
2 Mason Marie
3 Dean Anna L
4 Guptill Maude
5 Hatch Mary R
6 Rice Mary
7 Solliday Florence
8 Aichhorn Chas
Street continued
152 Wagner Wm H printer
154 Toledo Scale So (service dept)
158 Toledo Scale Co
Ohio (F) intersects
ne cor Vaught Auto Co
Vaught's Garage & Filling Sta
202-20 **City Hall**
lobby Turman Lou cigars
Basement:
1 Custodian
2 Inspector of Weights and Measures
3-5 Street Commissioner
6 Street Inspector of New Work
7 Public Employment Bureau
First Floor—
102 City Controller's Office
103 Board of Sanitary Commissioners
104-5 Board of Public Works
106 City Purchasing Agency
Ind Bar Assn
Second Floor—
201 Department of Law
202 Law Library
203 Bureau of Buildings
Building Inspector
Smoke Inspector
Elevator Inspector
204-5 Mayor's Office
207 City Civil Engineer
208 Dept of Public Parks
Third Floor—
301 Department of Public Parks
302 City Assessment Bureau
Barrett Law Dept
303 Dept of Public Parks Decreation Dept
304 City Plan Commission and Board of Zoning Appeals
305-6 Board of Public Safety
307 Board of Public Health and Charities
Fourth Floor—
401 City Council Chamber
402 Chemical Engineers Office
403 City Civil Engineer's Testing Laboratory
405 City Fire Alarm Tel Office
Gamewell Div
Street continued
209-11 G H P Cigar Co (br)
215 Scott C M Co beekeepers supplies
Ind Veterinary Supply Co
217 Vacant
219 Fulton Guy office furn
Miami (F) intersects
222 Indpls Printing Co
Ritemore Stationery Co
221 McWhirter Thos T printer
224 Excelsior Laundry (br)
225 Vacant
226 Metalcraft Mfg Co auto glass
New York (F) intersects
303 Vacant
307 Smith Harry W
309 Strong Bros plmbrs
Sales-By-Mail Service
309½ Vacant
310 **Baker Apartments** (For occupants see 341 Massachusetts av)
311 Gee Frank mineral compounds
Smith Virgil geologist
Cleary W F road reprs
312 Kimball Piano Store
Roberts E L transfer
314 Rollmann Harry
315-17 Ballard Ice Cream Co
316 **The Brandt** (For occupants see 351½ Mass av)
318 Kinister Chas furn

"IN ANY CASE" TALK WITH
FERREE-CASE LUMBER CO., Inc.
State and Deloss Streets Telephone Drexel 2905
LUMBER—MILLWORK—ROOFING—WALL BOARD OR COAL

"—in the right way"
OAK
a staff of sales representatives trained to assist you in buying the insurance that best meets your individual needs
OAK Auto Insurance Association
Home Office: 7th Floor Chamber of Commerce
Phone Lincoln 4393

JAMES W. HENSLEY, Deep Wells
Power Pumps, Pipe Strainers, Etc.
Any Size or Depth for Water, Gas or Oil
OFFICE and RESIDENCE: 122 W. 18th PHONE TALBOT 4616

REAL ESTATE
J. S. Cruse, Pres.
H. J. Wiethe, Vice-Pres.
J. Nicolai, Sec.
L. A. Williams, Treas.
RENTALS AND INSURANCE
J. S. CRUSE REALTY CO.
128 N. DELAWARE PHONE RILEY 6412

Hurry to Hook's for Dependable DRUGS

Save 20% to 36% In Advance on Your
Fire Insurance
Safe and Sound Protection
American Mutual Insurance Co.
FIRE
TORNADO
AUTOMOBILE
901 Continental Bank Building
PHONE LINCOLN 1682
1812 N. Meridian

Would You Lose If You Had a Fire, Accident, or Burglary?
45 Years' Experience and Companies With Over TWO HUNDRED MILLION DOLLARS ASSETS at your service
GREGORY & APPEL (Inc)
Insurance, Real Estate, Rents, Loans
500 Fletcher Trust Bldg.

INDIANAPOLIS COAL CO.
BUILDING MATERIAL AND FUEL
Phone Riley 4491 234-40 (2d Floor) Bankers Trust Bldg.

ALABAMA N—Contd
318½ **The Frances**
Apartments:
1 LaMare Irene
2 Volpp Wm C
3 Smith Geo
Street continued
320 **The Nicoli**
Apartments:
1 McKimmey Lindley W
2 Vacant
3 Elder Anna
Street continued
321 Shelly Jas F
323 Gunion Edw
325 Oldham Albert E trinopath
327 Howard John R electn
329 Wiggs Leona furn rms
331 Kerns Theron F
Vermont (C) intersects
Massachusetts av (C) intersects
404 Christian Wilbur F
406 Baptist Jos chiropractor
407 Beatty J L furn
408 Hammel Geo J
410-14 **Moynahan Apartments**
Armstrong J Cecil janitor
Apartments:
101 Parker Wm E
102 Vacant
103 Roberts Maurice
104 Gunder Harriet E
105 Anderson Mildred
106 Frye Carrie
107 Piper Wallace
108 Johnson Ethel
109 Smith Genevieve
110 Dale C F
111 Rader Herbert T
112 Thomson Hugh A
201 Vacant
202 Gates C E
203 Reinecke Carl W
204 Spencer Horace
205 Marshall Louise
206 Gibbs Roy A
207 Girty Merle
208 McCann Kate B
209 Buckholtz A F
210 Kinney John D
211 Jocker Adam
212 Hornikel Robt
301 Dimel Geo
302 Nesbitt Daisy
303 Printz Howard L
304 Stocker Helen M
305 Bernardi Geo F
306 Goldberg Inez
307 Corey Geo H
308 Schier Sarah A
309 Norris Wm J
310 Kirchner J Leota
311 Shae K
312 Mann F
Street continued
415 Vacant
418 Teaster Alvin furn rms
420 Axt Wm G
423-31 Cooperider C W furn
424 Henry Lauretta furn rms
426 Gillespie Anna furn rms
428 McCormack John
430 Chambers Ralph furn rms
433 Myers Grover C furn rms
437-47 Adams Wm R furn rms
Michigan (B C) intersects
503-05 Pottenger Wm B furn rms
507 Vacant
508 Cruse Lora
510 Osbourn Wm
511 Vacant
512 Vacant
513 Vacant
514 Vacant
515 Ryan J Arnold gro
516 Conder Emery A
517 Sloan H G furn rms
518 Pellum Alvin
520 Stewart Geo S
521 Morris Chas E furn rms
523 **The Gaylord**
bsmt Jewell Bessie custodian
Apartments:
1-2-4 Martin Isaac C furn rms
3 Castor Emma
5 Boink Johanna J
Houser Benj J
6 Vacant
rear **Gaylord Annex**
Apartments:
1 Graham John E
2 Ryan J Arnold
3 Calwell Margt J
4 Burk Otto
Street continued
524 Baker Andrew J
525 Powell Chas
527 Finkler Theo uphol
528 Beem Claude furn rms
530 Crabtree Lovell B
North (B C) intersects
601 Sinclair Oil Co filling sta
602 **The Worthington**
Apartments:
7 Harris Chas E
8 Sullivan B Mae
9 Rogers Ella
10 Roberts Clarence
11 Gallagher Russel D
12 Warrick Harold C
13 Vacant
14 Bair Isabelle
15 Vacant
Street continued
606 VonMachow Maude
607 Tubbs G Grant gro
608 Barnett Ida B furn rms
610-14 Indpls Gospel Tabernacle
615 Hooten Maude furn rms
617 Vacant
618 **The Hoffman**
Apartments:
1 Moyer Ford D
2 Parker Martha
3 Howard Mary J
4 Honnold Jas L
5 Howard Clara
6 Vacant
Street continued
619 Simon Irene
Taylor C O exp
620 Smith Maude A
621 Vacant
622 Smith Fred furn rms
623 New Church Chapel
624 Brown Edith
625 Ramble John
626 Bash Sidney G
626½ Cass Roy
627 Vacant
628 Tooley Jas
Walnut (B C) intersects
701-03 Dorman Robt O
702-04 **The Logenie**
Apartments:
bsmt Clyde Clemons
1 DeBarr Philip H
2 Jackson Clea
3 Lance Geo W
4 Sullivan Ruel G
5 Vacant
6 Greenwood Chas
Street continued
705 Sallee Chas E
705½ Storms Annabelle
706 Gnatz Hattie E
707 Feldman Louis clnr
707½ Wert Roy R
708 Zelner Lewis E furn rms
709 Ryan Chas W
711 Jeffries Chester
712 Ryman Sudie
713 Grigsby Kenneth
714 NoKes Martha
715 Traylor Lora furn rms
716 High Geo M
717 Patterson Ruth
718 Sanders Chas H
719 Myers Wm G
720 Shorr Hazel
723 Shoemaker Geo
rear Vacant
724 Rendren Amanda
725 Pilgrim Home
726 Smith Chas A
727 Loucks Agnes
728 Standard Oil Co (sta)
StClair (B C) intersects
801-03 Standard Gro Co (br)
805 Laughner Claude F restr
805½ Laughner Claude F
809 Carmichael Bessie beauty shop
811 Vacant
813 Hinshaw Edw R restr
Ft Wayne av (B C) intersects
Arch (B C) intersects
816 Haag Drug Co
818 Breazeale W D clnr
818½ Hilock Jesse Co
820 Burns Jas M restr
820½ Jeffrey Leonard M
822 MacBeth Reynolds E hdw
822½ MacBeth Reynolds E
824 Vacant
825 Zimmerman Eliz
826-28 Storey Alf A phys
827 Foster H F dentist
829-31 **The Alawayne**
Apartments:
1 Vacant
2 Drake Elsie
3 Vacant
4 Welleger Chas
5 Lindemann Ella
6 Irwin Wm E
7 Gaines Frank L
8 Cox Ross
Street continued
832 Fesler Alice
833 Sparks Robt
834 Orn Albert
835 Vacant
Pratt (C) intersects
905-09 Vacant
911 Rawlings Jas W
913 Vacant
Sahm (G) intersects
915 Etris Everett
916 Vacant
917 Carter Chas A furn rms
918 Marott Gertrude
919 Pryor Jas A
920-22 Seminole Hotel
921 Barett Chas W
923 Allen Wm E
924 Griffins Thos restr
925 Livingston Nathan
926 Standard Gro Co
926½ Flenner Fred
StJoseph (C) intersects
927 Griffin Thos
928 Elder Herbert W
930 Schreiner Frank F
931½ **Apartments**
1-2 Kershner Edith
3-4 Flagler Lydia
5-6 Rodman Linville
7-8 Thocker Billie
Street continued
932 Vacant
933 Vacant
933½ Vacant
934 Smith Claude A
935 Vacant
936 Vacant
937 Vacant
938 Hatam Jesse J
939 Turner Alvin H
940 Vacant
Puryear (C) intersects
941 Smith Lewis R
942 Clemons Thos O
943 McQuay Carrie
944 Day Harry
945-47 Todd Jeannette M
946 Vacant
948 Vacant
949 McGinnis John
950 Vacant
952 Willmore Chas T clnr
Tenth (C) intersects
1001 Vacant
1003 Wallace Eliz
1005 Jeffy Sherman B
1009 Lawson J Donald 2d hd furn
1010 Smith Ralph
1012 Allen Robt C
1013 Kinz Jas E
1014 Hart Eva J
1015 Gutherie Louise
1016 Black Nora
1017 Williams Kate
1018 Stknitter Essie
1019 Hunter Melvin R
1020 Beals Dyke A
1022 Saunders Jos
1024 Backemeyer Carl G
1025 Vacant
1029 Kroger Gro & Bkg Co
Eleventh (C) intersects
1100 Harley C Perry
1101-03 **Apollo Apartments**
1101 Albert Arvilla drsmkr
1102 Metzger Mattie L
1103 Immell Rose
1104 Elgan Martha
1107 **Apartments**
Apartments:
1 Degenhardt Otto P
2 StClair J A
3 Crane Minta
4 Jeffers Phebe M
Williams N Maud
Street continued
1108 McCammon Geo W
1110 Sheets John C
1111 Taylor Etta E
1115 Sutton Andrew F
1117 Gabbert Clyde H
1119 Milholland Frank J
1119½ Vacant
1120 Spangler Raymond F
1121 Borton Emory
1121½ Vacant
1125 Verharg Aug H
1126 Mull Hattie B
1129 **Creighton Apartments**
Jones Wm custodian
Apartments:
101 Reynolds John W
102 Merritt Lee
103 McMeans John R
104 Williams Rush
105 McGrath Florence
106 Hoenig Wm G
107 Evans Gladys
108 Westrick Mary L
109 Howard Ray
111 Williams Chas
114 VanBriggle J W jr
115 Smith Hallam P
116 Smith Louis J
117 Vacant
118 Griffin Rose
119 Hall Herman

LYMAN BROTHERS
215 E. OHIO ST.
Phone Lincoln 2254
31 MONUMENT CIRCLE
Phone Lincoln 5122
Gifts — Pictures
Lamps — Framing

Lauth CHEVROLET
3547 E. Washington St.

201 Frush Sarah E
202 Collins Richd H
203 Dodd Richd P
204 Snyder Ruth H
205 Gillespie Wm R
206 Vacant
207 Prather Eug A
208 Brandenburg Marjorie
209 Pellenz Bert E
211 Cunningham V L
214 Riggs Ellis
215 Thorn Ray F
216 Argo Philena
217 Cullam Paul W
218 Teagarden H C
219 Bubler Margt K
301 McCann G F
302 Carter Braxton W
303 Arford Leroy K
304 Calhoun Edith
305 Waegschal Louis
306 Vacant
307 Vacant
308 Morgan Noble G
309 Vacant
311 Page Nelle
314 Cassman Lelah T
315 Ray Harry J
316 Martin John P
317 Dilley Roy T
318 Plew C M
319 Cobb Harold M
Street continued
1122 Drake Otis C
1138 Dunlap Eliz B
1144 Shute Hamlin L
Twelfth (C) intersects
1201 Hackelman Pearl C
1205 Lieber Carl H
1211 Zumpfe Wm A
1213 Zumpfe Lydia
1214-16 **The Rob Roy**
Apartments:
(A) Robards Augusta A
(B) Vacant
(C) Vacant
(D) Vacant
1215 Vacant
1219 Ragsdale & Price undtkrs
Ind Funeral Directors Assn
1220 Hering Wm J
1221 Courtney Chas T
1223 Hutchins Foster
1224 Quinn Mary A
1225-27 **The Adelaide**
Apartments:
1 Clark Pearl masseuse
2 McGill C C
3 Snyder Raleigh F
4 Poland Ralph
Street continued
1226 Sargent Annie
1228 Stout John W
1230 Robertson Orville W
1231 Seidensticker Chas A
1232 Cavins Alex G
1234 Sharpe Julia
1235 Sawyer Chas
1237 Vacant
1241 First Friends Church
1242 Strange Homer
1246 Robertson Claude
Thirteenth (C) intersects
1301 **The Miller**
Apartments:
1 Bly J G
2 Vacant
3 Vacant
4 Greyer Nellie H
5 Vacant
6 Watson Chas L
Street continued
1302 Vacant
1304 Foster Robt S
1305 Murphy C J
1307 Miller R Harry
1308 Garaghan Frank X
1310 Glevenger Clarence E
1312 Talbott Grace L
1314 Miller Robt T
1315 Daniel Etta V
1317 Vacant
1319 Todd Susan
1322 **Apartments**
1 Lemcke Geo A
2 Howard Eudora
3 Cain Edna
4 Vacant
Street continued
1323 Beriault School of Expression
1326 Orme Geo S furn rms
1332 Hall Mary A
1335 **Apartments**
1 Prendergast Anna
2 Wampler Frank R
3 Vacant
4 Vacant
5 Sims Wm H
6 Parr Howard L
7 Vacant
8 Whitman Harry
Street continued
1340 Greenen Chas P
1341 The Gilpin Home
1401 Stewart Gertrude
1402 **Traymore Apartments**
Walker Robt janitor
Apartments:
101 Bengston Helmer
102 Baker B F
103 Garland F Murray
104 Canfield Vincent N
105 Coffey Jas W
106 Warnock R W
107 Thatcher Robt T
108 Miller Lloyd
109 White Clela E nurse
Harrigton Frances P
110 Martindale Ethel B Mrs
111 DeVoe L M
112 Robson Everett J
115 Warren H E
116 Sample Louise
201 Collins Dick
202 Sheetz Sheldon W
203 Beckett H D
204 Runyan Byron R
205 Dunlap J P
206 Dean Alf R
207 Johnson Paul
208 Nofree E Moore
209 Rupard Homer
210 Binniger Herbert F
211 Shields Seth W
212 Helt Wm
215 Ajala Mauriz
216 Vacant
301 Hurley Paul O
Bryan L Mac
302 Gadd A W
303 Rush W A
304 Reames Harold S
305 Hamilton Howard F
Livengood Dale R
306 Moore Edmond E
307 Jackson Glenn M
308 Decker Mary
309 Sterling L
310 Clayton M
311 Gisriel Edwin L
312 Morgan R E
315 Fredrickson Hans
316 Claffey Edna E
Street continued
1407 Carey Horace W
1408 Coppock Caroline
1409 Lewis Jas R
1412 **Apartments**
1 Henderson Eva
2 Kohonen Robt
3 Vacant
Street continued
1414 Vacant
1415 Thomson Mac J
1416 Cockrum John B
1420 Craig Wm B vet surg
1421 Lynch Bertha furn rms
1424 Vacant
1425 Schreck I Calvin
1428 Finn Wm J
1429 Hooser Chas E
1431 Stewart M Della
1435 Price John J
1436 Madden Wm M
1437 Greenstreet Flora V
1439 Weiss Margt
1440 Lane Frank L
1441 Barricklow Jas
1443 Vacant
1445 Vacant
1446 Richards Myra R
1449 Doeppers Fred W
1457 Adams O Willis
1455 All Souls Unitarian Ch
1461 Thomas Frank S
1462 Pye Wm H
1465 Tuite Kath L
1467 Murphy Eleanor C
1468 Schooler Minnie K
1469 Nelson Lillie A furn rms
Fifteenth (C) intersects
1501 Hopping Ella D
1507 Schulmeyer John
1508 Loeper Helen A
1510 Binninger Frieda
1512 Chamilovich Demetri
1514 Mills David P
1515 Lyons Frank
1516 Vacant
1517 Page David A
1518 Gales Thos
1520-24 Midway Garage
Mills D P auto repr
1525 Indpls Power & Light Co (power house)
1528 Kroger Gro & Bkg Co
1528½ Cole Jas
1532 Harbison B C drugs
Sixteenth (C) intersects
1601 Great A & P Tea Co
1602 Standard Gro Co (br)
1605 Hurtt Rosa B
Allwine Ernest
1610 Platzer Geo P baker
1610½ Dealy Josephine
1613 Hedrick Eliz
1614 **Apartments**
1 Straub Jos W
2 Vacant
3 Morley Harry
Street continued
1615 Harrington Wm J
1617 Anderson Nora
1619 Vacant
1620 Hume Claude L
1621 McCool Dani
1623 Pullock Retta
1624 Meunier Edw J
1625 Hampton John E
1626 Banta Wm A floors
1627 O'Neill Esther
1629 Vacant
1630 McNeils John G
1631 Jenkins Walter F
1634 **Apartments**
(A) Vacant
(B) Vacant
1635 Holzappal Wm
1636 Evans Nora B
1639 Finch Lester K
1640 Klefer Chas L
1641 Decker Wm E
1642 Medlock Clifford
1644 Kriel Chas W
1645 **Harley Terrace**
Apartments:
1 Parrett Chas L
2 Staden Emil
3 Spivey Louis D jr
4 Beder John W
5 Bass Orville
6 Johnson Earl C
Street continued
1648 Egbert Jas
1649 **Moynahan Apartments**
Apartments:
1 Pearce Fred J
2 Mitchell Blanche S
3 Levy Mildred
4 Madison Jas G
5 Schaefer Anna J
6 Reehling Clifford G
7 Crosley Ralph
8 Gudgel Helen
9 Vogue Irene
10 Austin Dorothy
11 Mattox J Howard
12 Murphy Gladys
14 Eck Isabelle
15 Bergen E F
16 Boerger Freda
17 Barnes C R
18 Clifton Lee Q
19 Mutzner Eva M
20 Schueler Allen P
21 Pillinger Myrtle M
22 Anstead Elva M
23 Apple Gertrude
24 Haas H
25 Baine Gladys
26 Bothwell Helen M
27 Ward Ruth
28 Mauzy Robt M
29 Jackson Rex
30 Smith Russell
31 Matthews Florence
32 Boyd Margt A
33 Vacant
34 Adams Jack T
35 Beale Betty
36 Wakeland Helen M
37 Hiatt Lucy W
Street continued
1654 **The Normandy**
Apartments:
1 Holder Hazel
2 Vacant
3 Vacant
4 Sharp F O
1B Wells Glenn
Street continued
1655 **Moynahan Apartments**
Conn Frank custodian
Apartments:
1 Barnes Nora
2 DeVersy Emma K
3 Seaton Everett H
4 Ebbert Bertha J
5 Richardson J Oscar
6 McTescart Markt M
7 Writzhouse Audrey
8 Michael Lillian
9 Bouchard Marion J
10 Starrett Wm H
11 Walls Geo D
12 Hamburger Sarah B
14 Steblin Mary
15 Minzer Walter L
16 Kline Charlotte
17 Bettcher Eliz E
18 Ward Della
19 Jones Clarence
20 Ginns Rene P
21 Amorosi M Grace
22 Wampner Clarence
23 Hadley Penelope A

WE SERVE
HACKLEMAN & SHIELDS AGENCY
LIFE INSURANCE AND ANNUITIES
Massachusetts Mutual Life Insurance Company
302 Continental Bank Building, Indianapolis
Riley 7381
WE SERVE

State Savings and Trust Company
123 E. Market St.
It is easy to get acquainted
4% on Savings from date of Deposit

JESSUP & ANTRIM Ice Cream Co.
Velvet Ice Cream
713-721 N. Illinois
Riley 9538
Riley 5404

YOU CAN GET IT AT VONNEGUT'S

VONNEGUT HARDWARE CO.

120-124 E. WASHINGTON · PHONE LINCOLN 2321

CUTLERY • SILVERWARE • HOUSEHOLD UTILITIES • BATHROOM FIXTURES • KITCHEN UTENSILS • RANGES

ALABAMA N—Contd
24 Smith Helen R
25 Dennerline L H
26 Glazier Agnes
27 Ginnsz Mary J
28 Overmeyer Mary L
29 Hutchinson Blanche D
30 Haig Sarah C
31 Hosea Mary E
32 Herriott Morton Stoops Ann K
34 Vacant
35 Austin Eva J
36 Ryan Fredk
37 Ridge Haldie
38 Truemper Acedions V

Seventeenth (C) intersects

1701 Gaines Minnie
1702 **Nuville Apts** Means Carl janitor
Apartments:
1 Phillips Eug C
2 Vacant
3 Gauker Estell nurse
4 McCord A F
5 Vacant
6 Seaton Everett H
7 Berger Mildred
8 Parker Chas R
9 Pendergast J J
10 Perkins E W
11 Jordan Geo H
12 McCarty Marxt
13 Vacant
14 Brown C S
15 Vacant
16 Plater Fred

Street continued

1705 Lichtenauer Mary
1706 Humphreys Harry G
1709 Vacant
1710 Curran Wm J
1714 King Frank W
1715 Vacant
1716 York Wm L
1717 Rhodes John M
1719 Briscoe Henry C
1721 Davis Edw W
1722 Ball Ora C
1726 Duke Maud M
1727 Blount Sherrard D
1801 Edson Luther O
1802 Coffman Kate
1803 Probst Henry S
1805 Coverdill Wm
1806 Myers Inda photo
1809 Rice Herbert H
1810 Lewis Geo S
1815 Bare Flora H
1816 Prevo Frank H
1817 Erath Karl
1818 Meloy Henry
1819 Berry Jos C chiro
1821 Popp Geo R
1824 Hildebrand Harry F
1826 Todd Ruth A
1827 McKenzie John
1828 **Apartments**
Apartments:
1 Morris Winfield S
2 Lomis G Brace
3 Wolnfield Dora
4 Davis Chas G

Street continued

1831 Haley Timothy
1832 Canning Jos
1833 Fletcher Wm T
1834 Parrish Chester O
1837 Mohler Vern H
1838 Guerin Thornton L
1840 Vacant
1842 Dawson Julia A
1843 Brewer Wm J landscape gdnr
1844 White LaRude S McLane Thos D
1846 Vacant
1847 Little Theatre Society
1850 Meyer Jacob G baker
1852 Hyman Edith grc
1853 Pritchett Wm C barber
1854 Vacant
1855 Vacant
1856 Kroger Gro & Bkg Co (br)

Nineteenth (C) intersects

1901 Volunteers of America (Peoples Ch)
1902 Pigman Chas
1906 Malott Chas M
1911 Clune Wm J
1912 Kennedy Marxt L
1915 Staats Fred A
1917 Daily Kath D
1920 Wood Edw E
1921 Smith Ralph K
1925 Hetherington Fred A
1926 Smith Ida G
1927 Croff Jesse E
1929 Kirkpatrick Jas R
1930 Oberreich Louis H
1932 Vacant
1933 Carson Harry K
1934 Watson Richd
1935 Vacant
1936 Brown Harry A
1938 Hobson Laura
1939 Moore Sue S
1942 Shea John C
1944 Kaiser Jos A
1946 Hughes John

Twentieth (C) intersects

2001 Scott Marshall T
Apartments:
1 Miller Josephine
2 Hood Alice F

Street continued

2002 Scott Elmer E
2008 Sautter John T LaFollette Chas D
2009 McKenna Marxt Y
2011 Hamilton Lucius O
2012 Cline Bunie E
2018 Higgins Jesse
2019 Hess Lana C
2020 Rickert John E
2021 Wolf Mallie
2022 Dearborn Mary A
2025 Vaught Albert M
2029 McDougall Frank W Hunciliman Saml C
2030 Mayer Geo J
2033 Conner Abner F
2034 Langdon Harvey C
2037 Privett Orah
2038 Hegarty Jas H
2041 Secrest Maude L
2042 Monninger Oscar E
2044 Williamson Robt L
2045 Lemon Jessie M
2046 Power Percival O
2049 Freeman Chas W
2050 Itenbach Mary
2051 Miller Sarah E
2052 Ellery Wm C
2054 Nield Louis H
2055 Poyser Lewis N
2056 Shea Cornelius C
2057 Klussman Garrett C
2059 Sterling Virginia L
2060 Johnson J Downing
2064 Burks Edna M
2065 **The Manatee**
Apartments:
1 Vacant
2 Adams Eliz C
3 Thomas June E
4 Dyer Emma W

Street continued

2066 Catherwood Jos

Twenty-first (B) intersects

2101 Green Ronald C
2102 Malnas S Herbert
2108 Carothers Geo W
2109 McNulty Jas
2110 Long Wm D
2111 Hild Eliz
2114 Vacant
2116 Martin Harry C
2117 Mick Mary F
2118 Pantzer John G
2121 Oakes Mansur B
2122 Greenwoldt Wm J
2124 Polk Thos C
2125 Rhodes Clarence R
2126 Bunch Elsie M
2128 Vacant
2129 Murphy Harry
2134 Johnson Wm A
2135 Vacant
2140 Clark John C
2143 Stone Donald C
2144 Habjng John G contr
2145 McComb E H Kemper
2146 Langsenkamp Helen
2149 Vacant
2151 Kostas Andrew
2152 Hamilton Wm J Connor Timothy A
2153 Vacant
2155 Lindley Wm M
2158 Harris Bert H
2160 Elliott Jeanette

Twenty-second (B) intersects

2201 Boner Belle
2202 Meyers Jacob W plmbr
2202½ Vacant
2203 Hertz Peter J
2204 Nichols Leo M
2205 Pollak Max
2206 Schmidt Jos R
2211 Behymer Benj F
2214 Irwin Robt M
2215 Benedict Ruth O
2217 Michaelis Flore B
rear Taylor Jas
2219 Pfeiffer Arnold E
2220 Spiegel Geo M
2222 Morgan Albert
2223 **The Rose**
Apartments:
1 White Chas S S
2 Todd Warren P
3 Lutz Ralph W
4 O'Donnell John

Street continued

2224 Schull John K
2225 Tudor John C
2226 Ballweg Alt E
2227 Shea John
2227½ Miller Fred F
2229 Blackburn Roscoe M
2230 Vacant
2232 Tudor John C
2233 Stickney Edwin A
2234 Clark Raymond W
2235 Sullivan Peter D
2237 Bernloehr John A
2238 Coleman Leslie R
2241 Hollcraft Jas W
rear Vacant
2242 Friday John W
2245 Miller Omer L
2246 Dean Walter F
2247 Stehlin Marxt E
2249 Sanerstein Jacob
2250 Terrell Austin V
2253 Stephens Jas A
2254 McLaughlin Florence
2255 Blumenthal Harry L
2258 Ryan John
2259 Butcher Chrystal A
2261 Norris Joah B
2262 O'Hair Alice
2263 Meyer Wm

Twenty-third (B) intersects

2301 Teachers College of Indianapolis
Tutele Armenia Memorial Bldg
Jackson Wm N Memorial Bldg
Indpls Free Kinderrarten and Aid Society
2302 Gardner Wm C
2306 Eagleson Wm B
2310 Edwards Geo D
2314 Tracy Alonzo
2320 Looney John F
2322 Sanders Effie
2324 Lynch Wm F
2325 Teachers College (library)
2326 Staerk Anthony
2327 Sies Alice O
2328 Tredway Anna
2330 McNairy Wm F jr
2332 Gaston Edwin E
2334 Karns John S
2335 Langridge John
2336 Baumann Chas J
2337 Keller Gertrude
2339 Miller Harry
2340 Schade J Conrad
2341 Carpenter Carl
2342 Lobdell Oscar decorator
2343 Brookfield Edw V
2344 Julien Lesfa
2345 Kennon Floe
2346 Rickenbrode Howard R
2347 Mentser Isadore
2348 Winn Mabel L
2349 Holland Ralph C
2350 Burrows Joe R
2351 Barringer Henry H
2352 Harrison Wm W
2353 Thon Rachael
2354 Morow Clarence
2355 Peelle Mine E
2356 Morrow Letta
2357 Brooks Leslie R
2358 Reichert Wm F baker
2359 Schulmeyer Harold B
2361 Horine Laura
2363 Paulissen Julia E

Twenty-fourth (B) intersects

2402 Williams Maud
2403 Jeffries Wm H
2404 Bates Adore
2405 Bradley Geo F
2406 Bartick Jacob
2408 Vacant
2409 Barrett Harry
2410 Hadley Ross
2411 Vacant
2412 Holland Hannah C
2414 Harvey Harry C
2415 Healey Geo H
2417 Koby Lillian
2418 Newport Harry E
2420 Payne Victor G
2421 Braun Ewald E
2423 Kiley Philip M
2424 Weil Max
2425 Moon Bert R
2426 Burgess Arth G
2427 Friedman Chas W
2428 Cooney Frank L
2429 Sedam Chas H pntr

A. W. Hall
N. H. Richardson

HALL & HILL
INSURANCE

Real Estate
Rents and
Loans

Suite 805
Union Title
Bldg.

Telephone:
RILEY 5523

GUARANTEE TIRE and RUBBER CO.
AUTO TIRES—TUBES—ACCESSORIES—RADIO
211-13 S. Illinois Street Service Station, 208-210 S. Illinois St. Phone Riley 7391
Branch, 938-42 Virginia Ave., Phone Drexel 6551; 4147 College Ave., Phone Humboldt 4131; 3012 Northwestern Ave., Phone Talbot 1096; 2118 W. Washington, Phone Belmont 2887; 5606 E. Washington, Phone Irvington 1303

REAL ESTATE

FIRE INSURANCE, RENTS, LOANS
J. G. McCULLOUGH AGENCY
(OLIVER H. CLARK)
106 N. DELAWARE ST.
Phones: Lincoln 5596 and 5597

2432 Wadsworth Robt D
2433 Walker Frank M
2435 Rail Leo J
2436 Stratton Melvin B
2437 Kretzmier Amelia
2438 Abney Wm H
2439 McEwen Eug
2441 Davis Ernest H
2442 Fabre Arth
2443 Roberts Perry V
2444 Marcus Isadore
2445 Mack Walter M
2446 Stanley Wm H
2447 Haskell Norma
2448 Vacant
2449 Vacant
2451 Harper Perry B
2452 Richardson Alonzo E
2453 Grossman Chas
2454 Vacant
2455 Wild Meyer H
2456 Hartsock
2458 Gertz Chas R
2460 Young Elmer B

Twenty-fifth (B) intersects

2501 Caselbourne John T
2502 Wood Wm A
2503 Harner Wilson B
2506 Leutherman Margt
2509 McKamey Frank E
2510 Vacant
2511 Ballinger Arth L
2513 Rush Isaac E
2516 Cooper Saml
2517 Law Willis
2518 Burton Gomer O
2519 Summers Harry G
2520 Allard Edw J
2521 Hill Effie C
2524 Davis Leland P
2525 Clark Chas V
2526 Hixson Leroy T
2529 Marschke Harold W
2530 Scales Ortho L
2531 Scott Geo E
2533 Vacant
2534 Richardson Wm T
2535 Culbertson Chas A
2539 Hanna Elinor V
2540 Sylvaze Lavella
2541 Kestner Louis H
2542 Boulder Asa H
2545 Wright Anzeline
2546 Sheriff Harry J
2547 Harman Entha M
2548 Decker Floyd E
2601 York Lewis E
2602 King Thos S
2604 Vacant
2605 Strange Geo W
2606 Bain Lowel H
2609 Lambertus Peter
2610 Stainbrook Edna D
2615 Vacant
2616 King Fred I
2617 Vacant
2618 Badger Cecil F
2619 O'Mahony Jos P
2620 Fink Louise
2621 Street Chauncey A
2622 Harper Edmond D
2625 Bulzer John J
2626 Riley Hubert S
2628 Vacant
2630 Hedges Jas M
2631 Meyer Halbert C
2635 Toomey Julia
2635½ McCoy Chas E
2636 Lawrence L A
Fall Creek Blvd (B) intersects

ALABAMA S—From 301 E Washington south
14-16 Morrison A H garage
14 Greenspan Abr bondsman
16 Thomas Edw bondsman
18 Farb Albert bondsman
19 Balfour Cheese Co
20 Gmil Eli bondsman
21 Chambers Jas cigars
22 Rapia Mary bondsman Blomberg Herman bondsman
23 **Alabama Apts**
Apartments:
1-2 Vacant
3-4 Rubush Jacob W
5-6 Vacant
7-8 Squrrier Mary
9-10 Vacant
11-12 Vacant
13-14 Goodman Harry E
15-16 Balfour Cheese Co office
17-18 Mitchell Dorathea
19-20 Vacant
21-22 Vacant
23-24 Vacant
25-26 Vacant
27-28 Vacant
29-30 Vacant
31-32 Roberts Gladys

Street continued
24 Callon Bros plmbrs
25 Vacant
27 Frye W S Transfer Co

Pearl (R) intersects

32-48 Marion County Jail Winkler Geo L
33-37 **City Building**
Police Headquarters
City Clerk
Indpls Humane Society
City Jail
Municipal Court Rooms 3 and 4

Maryland (R) intersects

114 Advance Trans & Whse Co
120 Central Transfer & Storage Co
130 Indpls Stoneware Co
142 Rouse Wm & Sons feed
144 Pure Oil Co filling sta

Virginia av (I) intersects

Louisiana (I) intersects

301 CCC&StLRy
319-21 Paetz Geo L & Sons auto uphol
327 Vacant
329 Mastny Max tailor
331 Vacant
335 Brown Henry T
337 Gant Otto

South (U) intersects

401-03 Ind State Outo School Hill David V
407 Holsapple Carl M
407½ McElfresh John
411 Marsh Carl E butter and eggs whol
415 Dickey Esther
417 Vacant
419 Fink Bert
423 Conway Mathias Conway Cecil
424 Dean Jas E
426 Jones Seymour Jones Delmer Childs Wm

Emmre (U) intersects

427 Ray Salvatore
428 Rhodes Robt D Oakes Guy
430 Long Thos
431 McGlothlin Jas
432 Vacant
433 Voi Anthony
434 McCandless DeHart
436 Wilkinson Elva
439 Fette Minnie
443 Hamilton Lulu
444 Gray John R
446 Clary Clara

Henry (U) intersects

501 Grant Wm H
503 Long Chas H
504 Caito Anthony
507 Vacant
507½ Vacant
508 Patterson Abr gro
510 Patterson Abr
511 Ballenger Minnie
514 Vacant
516 Myers Frank
517 Mitch Chas F
518 Vacant
519 Patterson Wm
520 Vacant
521 Hennessy Nora Mrs
525 Millikan Henry
526 Hood Richd
529 Barr Wm
530 Elkins Curtis
532 Edwards Frank
533 Weber Harry A
536 Mitchell Chas H
537 Spring Harry Rubin Jos
538 Breen Edw A
540 Redding Clara H

Merrill (H) intersects

618 Francis Chas
620 Stradley Chas M
621 Albert Effie T
622 Harbaugh Lee
623 Walden Chester J
624 West Ervie
625 Stephens Lucretia E
626 Vacant
628 Vacant
rear Vacant
629 Saml Binghams' Son Mfg Co printers' rollers Intl Sales Corp machs Janton Co Indy suplis
630 Vacant
632 Mace John H
635 Walls Wm
rear Stanton Thos Pittman Ray L
637 Mascart Gus
637½ Vacant
645 Voyles John D 2d hd furn
649 Elrod John H
653 Hamilton Harry W
655 Clearwater Clarence
657 Lowe Hubert
659 Oehler Wm jwlr
661 Barneclo Harry D
717 YWCA (South Side br)
730 Lilly Eli & Co chemists

McCarty (H) intersects
Wyoming (U) intersects
Bicking (U) intersects

947 Vacant
948 Houlihan Timothy J
951 Ruffin Roscoe L
952 Newhouse John V
955 Clavelin Mary
959 Rasfield Karl V
961 Rasfield Dena
963 Schepman Harold G
964 Miller Chas
965 Kasting Herman H
1001 Jensen Hausine K
1002 Leary Anna
1003 Brown Ollie
1005 Vacant
1006 Rennegarbe Fred
1007 Wright Ernest
1009 Brothers Henry L
1010 Brunning Chas M
1011 Vacant
1014 Guerrini Anthony
1014½ Steinhauer Chas
1015 Phelps John S
1018 Steinhauer Homer F
1019 Breithaupt Geo J
1022 Light Era
1023 Vacant
1025 Muchmore Homer L
1026 Faust Harry
1029 Vacant
1030 Strotman Henry G
1031 Vacant
1034 Public Library Br No 4
1037 McConnell Ellis S

Prospect (U) intersects
Sanders (U) intersects

1251 Harris John P

Orange (U) intersects

1301 Gosey Louis E
1303 Hasenstab Alois
1305 Vacant
1307 Crawford Danl S
1313 Lambrith Henry

Parkway av (U) intersects

1328 Hoffmann Otto V
1332 Vacant
1336 Bain John W
1338 Hayes Grover
1344 Weber Chas F
1348 Otto Albert H
1352 Storm Melville L

Terrace av (U) intersects

1401 Bond Lawrence B
1405 Vacant
1407 Jones Carl L
1409 Powers Chas W
1410 Morris Carlos A
1411 Edmondson Wm H
rear Vacant
1413 Stahl Martin L
rear Chenault Matthew
1415 Fitzpatrick Patk J contr
1416 Sage Wm L
1419 Vacant
1420 Tinsley John H
1421 Wilson Ernest M
1423 Wiedenhaupt Herman F
1427 Cox Jas E
1427½ Webber Leo
1428 Hartman Fred W
1430 Sattele Louis
1435 Sims Freedly F
1437 Kruse Christian G
1438 Bauerle Nicholas
1439 Kramme Fredk G
1444 Arbuckle Oryal H
1446 Vacant
1448 Gross Edwin E
1501 Unger Henry
1502 Ackman Carl W
1505 Hervey Mary
1506 Brandlein Paul
1507 Kitts Gibson H
1509 Kruz Martin B
1513 Haupt Paul
1514 Ressler Chas A
1518 Kritsch Frank C
1521 Weiffenbach Christian
1522 Volpp Lillie
1524 Vacant
1525 Crawhorn Jas
1526 Specker Chas G
1527 Sinker Alf H
1529 Schelb Chas H
1530 Mangold Louis J
1532 Vacant
1533 Leyenberger Geo
1534 Raquet Jos

DUCO CORPORATION OF INDIANA INC
DUCO CORPORATION
OF INDIANA, INC.
425 N. Capitol Ave. Lincoln 8753

Newcomer Lumber Co.
W. S. NEWCOMER Pres.
V. A. NEWCOMER Sec.
"Everything for Building"
LUMBER
MILLWORK
BUILDING MATERIAL
Cor. Emerson and Bethel Avs.
Phone Beech Grove 21-W

UNION TITLE COMPANY
Union Title Building
155 E. Market St.
Telephone
Lincoln 8361-2-3
ABSTRACTS
TITLE INSURANCE
ESCROWS
The Largest Title Company in Indiana

HATFIELD PAINT CO.
104 South Meridian St.
Main 2303
Lincoln 3125
A Paint for Every Purpose

IF IT'S HARDWARE OR PAINT YOU CAN GET IT BY
STANDARD HARDWARE & PAINT CO.
319 VIRGINIA AVE. • MAIN 5281

332 Wm Krouse
335 Frank Banker
336 Wm T Stibing
339 Horace Davis
340 Orville E Dewey
344 Jno Stoop
Vermont (X)
401 Wm H Richardson, trans
403 Henry Churchill
405 Jesse Oakley
407 Kemp Sisk
409 Malachi K Wynne
415 Eliza Evans
417 Birt A Holman
419 Wm Coleman
423 Samuel Bell
425 Payton Willingham
427 Rickey Scantlin
431 Chas E Thomas
435 Mary Glenn
436 J Thos Laffey
438 Jas Cox
439 Edwin Rockafellow
Pettijohn (X)
441 Quincy Rader
442 Calvin H Shadday
443 Jesse Steagall
444 Harry Surber
445 Mary Leonard
447 Patrick Dunn
448 Foster Kirkland
449 Jasper Harrison
451 Henry Kugelman
452 Chester C Neal, trans
453 Bert J Sexson
454 Myrtle M Peak
456 Robt O'Connell
457 Maggie Ivory
458-460 **The Sunset**
458 Ida Goldsborough
458½ Wm Denny
460 Alice Pottorff
460½ Dewey Knight
461 Georgia Alexander
464 Eugene Thomas
467 Thos Stephanoff, confr
Michigan (X)
501 Andrew J West, furn
501½ Edmund J Cody
504 Bessie Thomas
Emmett Johnson
506 Vacant
507 Anna Strong
508 Spencer McDonald
509 John W Bennett
510 Ellsworth Brown
511 Walter Wilson
512 Charles E Wyatt
513 David M Hawkins
515 Chas Kleis
516 Ernest V Stout
518 Clarence Smith
519 Edw Powell, trans
520 Patk M Bain
524 Robt Herron, shoemkr
525 Henry Alexander
rear Richd Dade
526 F Dean Selig
rear Wm Douglass
May White
527 Chas T Burris, phys
528-30 E H Obergfell, meats
529 Jno Arnett
530 Geo Jones
531 Geo M Sanderson
532 Wm Thompson
Wm Gardner
535 Women's Improvement Home
538 George H Bucker
539 J L Thomas, contr
540 Clarence Hall
544 Anna E Richardson
545 Henry Rice
547 Emma Teeters
548 Jno D Sansbury
549 Elizabeth Roberts
552 John Griffin
553 Jno Hider, ice cream cones
North (X)
602 Herman Brown
604 Walter H Belcher
606 Jos Reed
608 Isadore Jones
610 J W Pryor
612 Lelia Campbell
614 John Wells
616 Hubert E Coleman
618 Henry Wells
620 Harrison Hickman
622 Harvard Sanderson
624 C Elliott Buckner
626 Jas Gibson
627 Vacant
628 Chas Clements
629 Vacant
630 Edw A Johnson
631 Jos Price
Hadley (W)
634 Eliza Rhodes
635 Harry Price
638 Robt Johnson
639 Allen J Simms
642 Jno Marshall
643 Reed Brown
646 Thomas Carter
sw cor Friendship Baptist Ch
Walnut (W)
ALABAMA N from 300 E Washington n
w s Court House
7 **Mansur Block** (for occupants see 312 E Wash)
9-11 H F Zent agrl implts
15-17 Indiana Dry Goods Co
Court (R)
19 Glore Bros, transfer
19-21 Frank L Hartsock com mer
Shotwell Pump & Tank Co
Hurty-Peck & Co extract mfrs
19-25 Barnes-Ross Co printers
23-25 Southern Seed & Supply Co
27 C W Davidson com mer
29 Wyman's Am Restaurant
29½ Nathan T Gordon signs
Bert Myers, pntr
31 Homer T Beach barber
C W Allen Commission Co
49 Wm Kahl soft drinks
Market (F)
101 Market Confectionery
103 Standard Grocery Co
105 Sol Soloman paper
107 Geo J Slick & Co plmbrs
Warner Elevator Mfg Co
109 Bessie Cover barber
111 Calvin Kritzer
111½ C B Whittington, furn rms
113-115 Saml Rose & Co com mer
117 Doyle Heating & Sheet Metal Co
117½ Chas R Tryon
119 Kung On Wo & Co Chinese mdse
119½ David Jung
121 Costas N Thiofanis restr
121½ O'Brien's Hotel
123 Marion Paint Co (br)
Michl O'Brien trans
Wabash (F)
125 Indpls Plumbing & Supply Co
Chas A Johnson plmbr
127 Carey F Watson barber
127-31 R W Furnas Ice Cream Co
130-34 Sherley V Eads poultry
134 R W Durham Co window shade mfr
136 Anthony Mitchell
137 Edw Beiser
138 A W Howard barber
Oscar Beeler com mer
140 Amil Schlee delicatessen
142 Meridian Stables
144 Chas E Dean cigars
146 Whittington Wire & Iron Works
148 David I Scott contr
150
Apartments—
1 Chas Aichhorn
2 Arthur E Milligan
3 Thos E Dean
4 Wm Bauer
5 Catherine Sales
6 Mary Rice
7 Chas Hulse
8 Chas Aichhorn
152 Wm H Wagner, printer
154 Horace T Franklin real est
158 Vacant
Ohio (F)
ne cor City Hall Garage
202-220 **City Hall**
Basement—
Custodian
Inspector of Scales Weights and Measures
Street Commissioner
Engineers Dept
First Floor—
Board of Public Works
Barrett Law Dept
City Controller's Office
City Purchasing Agency
Second Floor—
Mayor's Office
City Building Dept
City Civil Engineer
City Elevator Inspector's Office
Department of Law
Board of Sanitary Commissioners
Third Floor—
Board of Public Health and Charities
City Plumbing Inspector's Office
Recreation Commissioners Office
Board of Park Commissioners
City Plan Commission
Board of Zoning Appeals
Department of Public Parks
Board of Public Safety
City Assessment Bureau (Dept of Public Works)
City Assessment Bureau (Dept of Public Parks)
Fourth Floor—
City Council Chamber
Chemical Engineer's Office
City Civil Engineer's Testing Laboratory
City Fire Alarm Tel Office
215 C M Scott Co honey
Ind Veterinary Supply Co
Miami (F)
222-28 Vacant
230 Myrtle Hudson
234 Cooperider Bros furn
New York (F)
303 Wm C Roberts
307 Laura K Smith
309 Strong Bros plmbrs
310 **Baker Apartments** (For occupants see 341 Mass av)

FOR QUALITY AND SERVICE
Schoen Bros THE CLEANERS
Plant 934 E. Pratt St.
PHONES MAIN 4140-4141-4142
Main Office 601-3 N. Penn.
PHONES Main 0645 Lincoln 4055
Branch Office 63 Circle
Phone Main 1227

LYMAN BROTHERS
223-225 E. Ohio St.
TEL. LINCOLN 2254
Pictures and Mirrors
Wholesale and Retail

Ford
The Barber-Warnock Co.
LINCOLN CARS—FORDSON TRACTORS
FORD CARS, PARTS, SERVICE
813 To 823 East Washington
Telephone Drexel 0977

311 Morris Wohlfield, elec supplies
312 O A Williams 2d hd gds
314 Vacant
315-17 Ballard Ice Cream Co
318 (rear) Jas L Beatty
318½ **The Frances**
1 George Eitel
2 Paul Massa
3 Amelia Jenkins
4 Carl Lotick, artist
320 **The Nicoli**
Apartments—
1 Anna Hamilton
2 Maude Hamel
3 Arthur Lentz
4 John King
321 T Curtis Denton
Rollo Wilkerson
Roy Griggs
Mrs. Lizzie Snyder
Stella Kashow
323 Helen Nellis
325 Fred Timmis
Helen Young
327 John R Howard
Turkey Mills
329 Louis W Frank
331 Kathaline Pruett
Harold Scott
333 Baptist & Clark, chiropractors
Benjamin F Clark
Vermont (C)
Mass av (C)
404 Wilmer F Christian
406 V W Dean, chiropractor
Eliz B Dillon
408 Geo J Hammel
410-14 **Driscoll Place** (rear) Jno Pendleton, custodian
Apartments-
1 Ralph Lee
3 Estes Beaty
4 Geo Martin
6 Nellie Tillison
7 Harry Wilson
8 Glenn E McGoron
10-11 Wm Dodrill
12 Clarence E Ricketts
14 Forest Henderson
15 Buford H Haley
16 Clyde E Vance
17 Lonnie A Beaty
18 Grove A Porter
19 Isaac Rosenberger
20 Jacob L Harding
24-26 Harry F Peak
25-27 Cecil Conger
28 Oliver Wood
29 Wm M K Long
30 David Coonse
31 Vacant
32 Nora E Berger
33 Vacant
34 Edwin F Rupp, pntr
Street continued
411-13 Geo J Hammel, meats
415 Cooperider Bros (repr shop)
418 Henry S Kopp furn rms
420 Wm G Axt
423-31 Cooperider Bros 2d hd gds
424 Herman B Ray furn rms
426 Walter T Mooar
428 Mathias S Berger
430 Carl Huddleston furn rms
Earl Maberry
433 May True furn rms
437 R L Hicks furn rms
447 Wm R Adams furn rms
Michigan (B C)
503 Wm B Pottenger
505 Louis P Niepert
507 Robert T Yates
508 Lucy D Anderson
510 Clarence B Shepherd
511 Wm D Myng
512 Edw Grebe
513 Morton E Linn
514 Otis V Morris
516 Rhoda E Goul
517 Ernest Bounds
518 Pearl Chandler
520 Arthur F Lockman
521 Ernest Jenkins
523 **The Gaylard**
Apartments—
1 Minnie B Daley
2 Walter C Palmer
3 Emma Castor
4 Harry B Goad
5 Gladys Justice
6 Francis Burke
(rear) **Gaylard Annex**
Apartments—
1 John Dean
2 Vacant
3 Margt Caldwell
4 Eva B Short
5 Paul Rickhardt
524 Andrew J Baker
525 Shelby A Farley
527 Jas W Groce
528 Nellie Cook
Jno F Burnes
530 Augusta G Moore
North (B C)
601 Sinclair Oil Co filling sta
602 **The Worthington**
Apartments—
7 Rose B Hunter
8 J Guy Jacks
9 Hal C Meyer
10 Ella P Rogers
11 Jessie Brown
12 Clifford Hilligoss
13 Mayme Watson
14 Albert Sutton
15 Lura W Broadbridge
Street continued
606 Amanda Rudicel
607 Grant G Tubbs gro
608 Oscar C Rutledge
610 Walter Schwarzentraub
612 Alf Pinnick
614 John McMillan
615 Annabelle Mumper
616 Clarence H Pew
617 Oliver Sheets
Robinson Cleaners
618 **The Hoffman**
Apartments—
1 Luella P Merz
2 Royal G Tansey
3 Mary J Howard
4 Clem C Murphy
5 Marie Woody
6 Jessie E Logan
619 Harry W Kennedy
620 Erma McChesney
621 Harry T Barlow
622 Amelia Morgan
623 New Church Chapel
624 Jas W Morrison
Bonnie Moore
625 Melcena S Gastineau
626 Jos A Sellers
Wm E Bell
627 S Redford Callis
628 Jonathan A Murphy
Walnut (B C)
701 Geo Trietsch real est
702-04 **The Logenie**
Apartments—
(basement) Clyde Clemons
1 Ferdinand L Pfeiffer
2 John Keen
3 Geo W Lance
4 Clarence E Rhoades
5 Clarence E Shaw
6 Anna E Gimbel
703 Frank D Swisher pntr
705 Annabelle Storms
706 Ora Gwinnup
Earl W Capper
707 Robt R Wert
707½ Louis Feldman
708 Geo Capsos
709 Chas W Ryan
711 Harry L Stark
712 Anne Rooler
713 Curtis L Lambert
714 Chas A Rector
715 Jno W Hedgcock
716 Hattie E Gnatz furn rms
717 Dora K Patterson
718 A B Chamberlin paper hngr
719 Jenny Weast
720 Mary Bowers
723 Judson Davis
(rear) Vacant
724 Nora Blackburn
725 Ollie Vermillion
726 Victoria Brown
727 Harvey Watts
728 Standard Oil Co (sta)
St Clair (B C)
801-03 Marcus R Spahr gro
805 Laughner & Laughner restr
809 Marie Seitz hairdrsr
811 Shearn Bros watchmkrs
Arthur White
Walter Donoho
813 Hiram Souders
Ft Wayne av (B C)
Arch (B C)
816 Haag Drug Co (br)
818 Child's Grocery Store
818½ R E MacBeth
820 R E MacBeth hdwe
820½ Edna Lines
822 John B Driskell
822½ Glen F Kline
824 Edna H Sharp
825 Herman A Gladish
826 Harry Plymate
828 Leonard E Vinson
Joseph F Wagner
829-31 **The Alawayne**
Apartments—
1 J C Nichol
2 Claude E Paul
3 H Dale Sommers
4 Ruel G Sullivan
5 Ella Lindemann
6 Thomas C Nalla
7 Vacant
8 Bertha Everitt
832 Alice Fesler
833 G Emory Crail
834 Jno D Williams
835 Frank Smith
Pratt (C)
905-09 W D Allison Co phys supplies
911 Jane E Aten
913 Harold Warren
Salm (G)
915 John Conley
916 Arthur R Call
917 Anna B Clark
918 Charles H Welch
919 Andrew Wilson
920-22 Seminole Hotel
921 Kate S Elliott
923 Lemuel R Greenwood
Fred Robinson
924 Minnie Burks, confr
925 C L Hawkins, produce
926 Standard Grocery Co (br)
Fred Flenner
St Joseph (C)
927 Oscar Lower
928 Wm A Schakel
930 Forrest M Williams
931½ Apartments—
1-2 Louis Lyons
3-4 Asa Parrett
5-6 Orbie Metz
7-8 John Meier
932 Howard W George
933 Alex H Metzger
933½ Robt M Soudriette
934 Frank G Caylor
935 Carrie M McQuay clnr
Wilbur Small
936 Jno E Doyle
937 Laura B Small confr
938 Jesse J Holtam

BRIDGES-DICKINSON CO.
821-22 LEMCKE BLDG.
TEL. MAIN 0213 INDIANAPOLIS
We Insure Everything. We Will Bond You

W. S. NEWCOMER LUMBER CO.
LUMBER, BUILDING MATERIAL, MILL WORK.
Modern Electric Planing Mill
Cor. Emerson Ave. and Bethel
Telephone Beech Grove 21 W
Motor Truck Delivery

E. E. GROSS
NEW FUNERAL HOME
1349 MADISON AVE.
Cor. Parkway Ave.
Telephone Drexel 0666
Residence Telephone Drexel 0861

OTTO N. MOORE CO.
INCORPORATED
Miscellaneous Manufacturers
SEE PAGE 171

Chas. Maier
PAINTS, OILS, VARNISHES AND GLASS
TELS: BELMONT 579 AUTO 39-786
2104 West Michigan Street

Schloss Bros. Co. State Life Bldg.
The Most Rapidly Growing CLOTHING BUSINESS for MEN and BOYS in Indiana
—REASONS—
Better Quality—Better Style—Better Value

458 Jas L Frost
458½ Jennie Wesner
460 Ernest Good
460½ Norine Pottorff
461 Thos J Leonard
464 Thos Fox
463-465 C E Parkins
467 Martin Fahey
468 Storage
Michigan (X)
501 Harris & West furn
Andrew J West
602 Frank McCullough barber
504 Lawson K Harris
506 Enos C Voris baker
508 Susie Howlett
609 David J Dauch baker
510 Florence Palmore
511 Chas W Dill
512 Henry M Sharp
513 Howard G Sanborn
515 Chas Klein
616 Charlotte Frenk
517 Martha Howard
518 Michi T Carroll
520 Patk J Bain
524 Ora Dowell
525 Garfield Overton
526 Drury Rosler
(rear) Wm Douglas
527 Chas Burris phys
628 Chas M Richardson prntr
529 Eliza A Kelley
530 Chas Smith
(rear) Geo Jones
531 Geo L Payne
532 Mary W Colman
535 J Michael Kaehn
538 Mary Theising
539 Leroy S Rhodes
540 Andrew Jones
544 Chas M Richardson
545 Robt Bryan
547 Emma Teeters
548 Floyd Phillips
549 Douglas Roberts
552 Jere Fritch
553 Jno Hider gro
North (X)
602 Clara King
604 Walter H Belcher
606 Jos Reed
608 Henry Burford
610 Bea Bonner
612 Griffin Johnson
614 Wm Shountee
616 Harry Hearlston
618 Booker Thurmond
620 Harrison Hickman
622 Emmett Buckner
624 Alex Buckner
625 Mission Church
626 Jas Gibson
628 Hampton Rice
629 Mary Duncan
630 Sami Scott
631 Jos Price
Hadley (W)
634 Malinda J Davis
635 Thos Frazier
638 Robt Johnson
639 Eliz Truitt
642 Erline Brison
643 Dero W Adams
646 Mary Bostick
Walnut (W)
ALABAMA N from 300 E Washington n
W S Court House
7 **Mansur Block**
Rooms—
7 Wm S Cornelius
8 Jas Woods
9 Vacant
10 Peter Smith & Sons
11 Everett Davis
12 Eliz Searls
13 Paul Keller tailor
14 Jos Wilson
15 Henry F Winter
16 Chas F Byron
17 Jno Gillum
18 Emily A Parker
19 Jennie M Lowry
20 Vacant
21 Lawrence Schreiner
Street Continued
9-11 Rapp's Cut Price Shoe Co
15-17 Indiana Dry Goods Co
Court (B)
19-21 Frank L Hartsock com mer
19-25 G A Coats Mach Co
Shotwell Pump & Tank Co
Barnes-Ross Co prnts
Natl Labor News
23-25 Southern Seed Co
27 C W Davidson com mer
29 Geo Cavilier restr
29½ 1 Chas R Tyron
2 Edna Fallen
3 Abe L Story
4 Frank Ellis
6 Ella B Watts
6 Vacant
7 Geo E Stevenson
8 Albert Kelley
9 Jno Meyer
31 Andrew J Blake barber
Albert Wormser com mer
49 Wm Kahl soft drinks
Market (F)
101 Thos A Beeler com mer
103 Standard Grocery Co
105 Albert D Moore mfr agt
105 Marion County Mail
Leo K Fesler printer
Fidelity Storage Co
107 Hickman & Crist fish
109 Albert H Brewer barber
111 S Rose & Co (warehouse)
113 Hantzis Bros
115 S Rose & Co com mer
117 Thos Utterbach poultry
119 Felix Bercot soft drinks
119½ Marie Doremus
121 Monica Hotel
Mike O'Brien transfer
123 Mike O'Brien soft drinks
Wabash (F)
125 Vacant
127 Carey F Watson
127-33 R W Furnas Ice Cream Co
130-32 Sherley V Eads poultry
134 Vacant
136
Apartments
1 May Wells
2 Wm T Cook cigar mfr
3 Wm T Cook
4 Chas Stewart
5 Louis Lempert
6 David Hyber
7 Frances Radabaugh
137 Wm M Sowders
138 Vacant
140 Oscar B Beeler com mer
142 Meridian Stables
144 Rich L Hicks books
146 Whittington Wire & Iron Works
148 David I Scott contr
150
Apartments—
1 Lucy Gallagher
2 Martha J Duchemin
3 Carl E Alchhorn
4 Oscar B Beeler
5 Jos Sincebaugh
6 Ethel Solliday
7 Florence Solliday
8 Arthur E Milligan
152-58 Vacant
Ohio (F)
202-220 City Hall
Basement—
Custodian
Inspector of Scales Weights and Measures
Street Commissioner
Supt of Construction
Sprinkling Department
First Floor—
Board of Public Works
Barrett Law Dept
City Controller's Office
City Purchasing Agency
Second Floor—
Mayor's Office
City Building Department
City Civil Engineer
City Elevator Inspector's Office
Department of Law
Fire Prevention Bureau
Third Floor—
Board of Public Health and Charities
City Plumbing Inspector's Office
Recreation Commissioner's Office
Dept of Public Parks
Board of Public Safety
City Assessment Bureau (Dept of Public Works)
City Assessment Bureau (Dept of Public Parks)
Patriotic Gardeners Assn
Fourth Floor—
City Council Chamber
City Engineering Chemist's Office
City Civil Engineer's Testing Laboratory
City Fire Alarm Tel Office
Miami (F)
222-224 Excelsior Laundry Co
223-25 City Recreation Dept
228 Ida East
230 Chas A Leeseman
234 Great Western Auction House
New York (F)
303 Eliz C Roberts
307 Harry W Smith
309 Jacob King
310 **Baker Apartments**
Apartments—
1 Chas H Ferris
2 Jas Sutton
3 Anna Harris
4 Elsie Praker
5 Florence Cotton
6 Wallace Deibert
7 Victor H Mohler
8 Clara M Ketner
9 O D Davis
10 Opal Tousey
11 Edward Wadsworth
12 Frank E Manker
22 Chas W Kruse
23 Wm Moore
24 Bessie Hexamer
25 Royal G Tansey
26 Frank J Smith
27 Geo R Ackerman
28 Robt R Reed
Street continued
312 Ballard Ice Cream Co
314 Anna M Marshall
315 Ballard Ice Cream Co
316-318 Grand Union Tea Co
315½ **The Frances**
Apartments—
1 Geo Eltel
2 Paul Massa
3 I W Griffith
4 Carl Lotick
320 The Nicoli
Apartments—
1 Wm P Board
2 Jas McHenry

McCLURE REALTY COMPANY
REAL ESTATE, RENTALS, LOANS, INVESTMENTS, INSURANCE AND EXCHANGES
613-614 LEMCKE BUILDING Tels. Main 6613, Auto 23-941

3 Nora Zoll
4 Jno McHenry
321 Louise Power
323 Addie Haley
325 Carrie Williams
327 Jennie S Bryan
329 Osie Eltzroth
331 Edw Townsend
333 Belle Williams
Joseph Baptist chiro
Vermont (C)
Mass av (C)
404 Wilmer F Christian
406 Rinaldo L Ball
407 Board's Furn Exchange
408 Geo J Hammel
409 Fletcher & Pearson
410-414 **Driscoll Place**
(basmt) Clarence Richmond
Apartments—
1-2 Ethel Travers
3-4 Eliz Hawkins
5-6 Wm C Jessee
7 Lewis Kirby
8 G P Laye
10-11 Chas Coonfield
12 Edw Fetrow
13 Glenn Foist
14 Grace E Fields
15 Olga M Rieger
16 Rose Duprey
17 Vernon Hall
18-19 Vacant
20 Chas Stellhorn
22 Donald Hartsell
24 Philip Rech
25 Minnie Mann
26 Frank Zahn
28 Shelby Farley
29 Carl Anderson
30 Wilburn Lacompte
31 Mabel Parks
32 Grace Hollingsworth
33 Vacant
34 Harold H Rooker
Street continued
415 Bruno Aleman
418 Vacant
420 Wm G Axt
422-23 Used Goods Store
424 Kath Drybread drsmkr
426 Frank O Armstrong
427 **The Davlan**
428 E Benson Oliphant
429 Vacant
430 Peter Dyer
431 Mathews Light Co
433 Vacant
437 Eva Roerbeck
441-47 Wm A McGregor furn rms
Michigan (BC)
503-505 W B Pottenger furn rooms
507 Lee Selke
508 Lila Clegg
510 Carl T Schultz
511 Vacant
512 Frank L Godby
513 Flo Ritchie
514 Bessie A Gaither
515 Agnes M Maloy gro
516 David G Archer
517 Patk A Joy
518 Jno Miller
520 Anna Ross
521 Jno W Hedgcock
523 **The Gaylard**
Apartments—
1 Minnie B Daley
2 Jno Craig
3 Clara C Tilton
4 Nettie Harrison
5 Anna J Boink
6 Calvin J Brewer
7 Mason Wood
(rear) **Gaylard Annex**
Apartments—
1 Avery B Good
2 Chauncey D Copeland
3 Georgia Tietz
4 Jno E Long
521 Andrew J Baker
535 Alice Petty
537 Mary Derringer
528 Elbridge C Cook
530 Chas F McCampbell
North (BC)
601 Turner & Goyert gros
Henry W Goyert
602 **The Worthington**
Apartments—
7 Dora A Bergman
8 Vacant
10 Clifford Miller
11 Harry D Cate
12 Clyde G Stage
13 Ruby Grimes
14 Willa Gulley
15 Geo M Townsend
Street continued
603 Jack Nowling
605 Martin Barber
606 Francis Hirsch
607 Vacant
608 M Aug Howard
610 Martha E Black
612 Walter Sturdevant
614 Vacant
615 Anna Johnson
616 Herschell R Davis
617 Edna C Irwin
618 **The Hoffman**
Apartments
1 Lavada Tomlinson
2 Harry M Callahan
3 Mary J Howard
4 Frank M Baker
5 Albert P Treon
6 Jess E Logan
619 Roy Dalton gro
620 Cath Harden
621 Lydia A Taylor
622 Amelia Morgan
623 New Church Chapel (Swedenborgian)
624 Carrie M Meikel
Wm Lockman
625 Alice Strong
626 Jas K Stewart
627 Steph R Callis
628 Jonathan A Murphy
Walnut (B C)
701 Geo Trietsch realty
702-704 **The Logenie**
Bert Douglass janitor
Apartments—
1 Ferdinand L Pfeiffer
2 Amanda Price
3 Geo W Lance
4 Robt E Carr
5 Wm M Grady
6 Chas H Thompson
703 Chas S Beatty
705 Chas E Sallee
Chas Reynolds
706 Abraham Haagsma
707 Edw W Hunter
Jno Ker
708 Edith S Boyer
709 Frank H Plummer
711 Mattie Dagnen
712 Ella Lett
713 Morton Traylor
714 Chas A Rector
715 Harry A Naftzger
716 Andrew B Chamberlin
717 Dora K Patterson
718 Geo Prudersar
719 Jno W Staub
720 Asa V Felmley
723 Leander L Louis
724 Vacant
725 Elmer Gooch
726 Rhoda E Goul
727 Sarah Willis
728 Standard Oil Co (sta)
St Clair (B C)
801-803 A Lewis & Co gro
805 Jesse F Kimball
807 Jno R Hudson
809 Louis M Wingate
811 Mildred Shearn
813 Jas M Allen
Ft Wayne av (B C)
Arch (B C)
816 Orleph E Stadley billiards
816½ Susie L Congdon
818 Vacant
820 Vacant
822 Theo Habbney
822½ Ona Montgomery
824 Wm F Reynolds
825 Frank L Carey
826 Ernest Morrow
827 Storage
828 Wm Sims
829-831 **The Alawayne**
Apartments—
1 Benj LaBurt
2 Fred Jackson
3 Chas F Hill
4 Ruel G Sullivan
5 Anton C Maehler
6 Henry J Boyer
7 Jackson Sylvester
8 Joanna R Wilson
832 Alice Fesler
833 Wm R Mitchell
834 Blanche Tirey
835 Frank Smith
Pratt (C)
905-909 W D Allison Co phys' office supplies
911 G Emery Crail
913 Melvin Fisher
Sahm (G)
915 Ansel Slipper
916 Mabel Many
917 Madge Burns
918 Geo P Marott
919 Vacant
921 Mary Cohn
920-922 Seminole Hotel
923 Wm H Conn
924 Vacant
925 Wm W Hutcheson
926 DeLong & Graft clnrs
St Joseph (C)
927 Willard Van Grundy
928 Chas M Templeton
930 Edw F Williams
931 Nettie Lowder
Wm Polan
Lyda Thomas
931½ Mary Yarborough
932 Carl Huddleston
933 Irma Badgley
934 Hoover Wolfe
935 Donald J Lawson
936 Henry B Moore
937 Donald J Lawson gro
938 Jesse J Holtam
939 Sol Nathan
940 Geo W Crabill
Puryear (C)
941 Lulu Horton
942 Louis F Hoffman
943 Geo J Regula
944 Clark C Carpenter
947 Lena M Hurrle
949 Geo W Bardsley
950 Marcus L Key uphlr
Tenth (C)
1001 Edith Fletcher
1003 Sadie F Coates
1005 Edw D Hilkenbach
1009 Andrew L Knight
1010 Emma J Stevenson
Bert E Lacey
1012 Lee M Cadby
1013 Jno J Hughes
1014 Agnes Robbins
1015 Kate Biddle
1016 Chas A Chambers
(rear) Matthew Harrison
1017 Carl Reise

Taylor Rugs

ARTHUR M. GOLDBERG, Manager Main 3125
LOOK FOR THIS
GOLDBERG MAGNETO AND COIL REPAIR
Automobile Electricians
Ignition Specialists
923 Ft. Wayne Avenue
Ft. Wayne and New Jersey

Passenger and Freight
ELEVATORS
The HOME ELEVATOR CO. (Inc.)
212-214 S. PENN ST.

THE INDIANAPOLIS ENGRAVING AND ELECTROTYPING COMPANY
222 E. OHIO ST.
5th Floor Wulson Bldg.

Indeeco MEANS SERVICE
MAIN 153
AUTO 21-651

LISTS Any Business or Profession Anywhere in the United States
R. L. POLK & CO. RAND-McNALLY BUILDING CHICAGO, ILLINOIS

COAL AND LIME Cement, Hair, Sewer Pipe, Etc. BALKE & KRAUSS Co.
Cor. Missouri and Market Sts. Phones 1081.

552 Jeremiah Fritch
553 Joseph B Shores

North (X)

602 Vincent King
604 Neal Haynes
606 Joseph Reed
608 Alvin Bush
610 John C Agnew
612 Clarence Houston
614 John Smith
616 Charles Tudor
618 Wm Davis
620 Percey Lindsey
622 Amos Butler
624 Alexander Buckner
625 Percy Dunn
626 Mattie Miller
628 Hampshire Rice
629 Cruze Duncan
630 Thaddeus Allen
631 Arthur C Sanders

Hadley (W)

634 Flora Webb
635 Joseph Price
638 Mollie Johnson
639 Hulitt Kirk
" Clarence Hamilton
642 Melvin McGee
643 Ernest J Alexander
646 Jeremiah Mitchell

Walnut (W)

ALABAMA N from 300 E Washington n
7 N Alabama
Rooms
9 Wm I Cornelius
10 Peter Smith & Son
11-12 Wm E Behymer
" Charles H Hoppe
13 Store room
14 Adam A Lease
15 Wm H Gramling
16 Wm H Shufflebarger
17 John Dobbins
18 Edith Demaree
19 Charles L Dippel
20-21 Wm I Cornelius
22 John F Winstead

Street continued

9-11 Brown's Shoe Store
15-17 Indiana Dry Goods Co

Court (R)

19 Benjamin Patterson
19-25 Indpls Printing Co
" C E Pauley & Co
" Indpls Mailing Co
" Co-operative Press
21 Wm F Losche
23-25 Southern Seed Co
27 Wm H Grim
" Frank L Hartsock
27½ Jennie Tryon
29 Thomas H C Beall
31 Albert Wormser
49 Wm Kahl

Market (F)

101 Joseph G Thamann
103 Standard Grocery Co
105 Leo K Fesler
" Leo A Dupont
107 Erastus O South
109 Homer Pence
111 Carey F Watson
113-115 Wm J Harrington
117 Charles Conrad
119 Felix Bercot
119½ Ada Specht
121 Mike O'Brien
" Monica Hotel

Wabash (F)

125 Wm Pletzer
127 James Watson
127-133 R W Furnas Ice Cream Co The
130 Frank W Jackson
132 Pang Wah Jung & Co
136
Flats
1 George C White
2 Mary R Slaight
3 Chester Lawhorn
4 Addie Foulk
5 Benjamin M Hill
6 Vacant
137 Electa J Perkins
138 Vacant
140 Vacant
142 Meridian Stables
" Winings & Carriger
144 Richard L Hicks
146 Whittington Wire and Iron Works
148 Margaret Kemmerling
150
Flats
1 Frank Duchemin
2 Joseph Sincebaugh
3 Wm Sowders
4 Vacant
5 George Woods
6 Eliza J Chapman
7 Joseph McWilliams
8 Jennie Joyce
152 English & Wheeler
154 James H Heath
156 Holliday bldg.
158 A Hendricks King

Ohio (F)

202-220 City Hall
Basement, custodian
Inspector of scales, weights and measures
Street commissioner
Supt of construction
First floor, Board of Public Works
City Assessment Bureau
City Controller's Office
Second floor, City Building Dept
City Civil Engineer
Department of Law
" Mayor's Office
3d floor Board of Public Health and Charities
" Board of Public Safety
" Dept of Public Parks

Miami (F)

222 Excelsior Laundry
223 James H McCleerey
224-226 Oscar Jarvis
225 Recreation Dept of Board of Health
228 John M Hill
230 Samuel Demaree
232-234 Henry R Gramse

New York (F)

303 Elizabeth C Roberts
307 John W Smith
309 John C Peters
310 Baker Apartments
Flats
1 James Wrennick
2 Maurice Morris
3 Sadie Butler
4 Elsie Fraker
5 Jesse Markowitz
6 Curtis C Hendren
7 Martha K Blaich
8 Samuel R Webb
9 Anna M Posey
10 Louis C Huntsinger
11 Opal Tousey
12 George E Farmer
22 J Pinto
23 Elmer Fritsh jr
24 James J Harvie
25 Royal G Tansey
26 Florence Bryan
27 Elizabeth A Miller
28 Wm F Kissel
312 Montani & Co
313 N C Newlin
314 John L Rost
315 Ballard Ice Cream Co
318½ The Frances
1 George Eltel
2 Paul Massa
3 Asa P Robertson
4 Charles F Johnson
320 The Nicoli
1 Emma Roberts
2 Charles W Gillespie
3 Lorenzo F Patterson
4 Julia Stout
321 Charles D Eves
323 Louis E Short
325 Carrie Williams
327 Felix A Bryan
329 Estella Meyers
331 Elizabeth M Bassett
333 Mary Stout

Vermont (C)

Mass av (C)

404 Wilmer F Christian
406 Frances Byrne
408 George J Hammel
410 Minnie Kreig
414 Thomas Taylor
415 Almon H Dickey
417 Amos P Messler
418 May Hunt
" Hickman B Henderson
420 Wm G Axt
421 Martin D Stephens
423 Lou Short
424 Ella Ferguson
426 Charles H Thompson
427 Josephine M Copeland
428 Louis C McKnight
430 Otto R Lieber
431 Julia J Brooks

Michigan (B C)

503-505 Wm B Pottenger
507 Martha R Latham
508 May Clark
510 Charles F Diver
511 Andrew J Harvey
512 I Rolla Holycross
513 Anna B Bader
514 Jennie M Williams
515 Charles Kreitlein
516 Anna Booker
517 Alice E Koerner
518 John Miller
520 Harry W Cutting
521 Mary E Beech
523 The Gaylard
Flats
1 Grace Martin
2 J W Duckworth
3 Clara C Tilton
4 Walter E Playter
5 Thomas A Bowser
6 Anna J Boink
7 Herbert King
523 (rear) Gaylard Annex
Flats
1 Earl C Bennett
2 Dennis M Kirby
3 Margaret Caldwell
4 J Frank Miller
524 A John Baker
525 Gertrude O Dawson
527 Matilda J Hertsell
528 Elbridge C Cook
530 Dora A Bergman

North (B C)

601 G L Stamper
602 The Worthington
Flats
7 Edgar M Heaton
8 Stanley R Bowen
9 Eugene L Davis
10 A W Thomson
11 Nathan Rubin
12 Bernhard Erdman
13 Rose S Coleman
14 Daisy L Carleton
15 Daisy Jones
603 Mark D Quick
605 Claude Ammons

WALL BOARD ROOFING Vonnegut Hardware Co. 120-124 EAST WASHINGTON STREET CUTLERY AND FANCY TABLEWARE

TANKS THE NATIONAL BOILER & SHEET IRON WORKS
THE NATIONAL DRY KILN COMPANY, Progrs.
Nos. 1118-1226 East Maryland Street

606 Glenn Sigler
607 Mabel Dotterer
608 Lora A Hinckley
610 Richard H Powell
612 Fannie T Hutson
614 Ida Hancock
615 Addie Reddington
616 Glenn O Dicks
617 Carrie Alexander
618 The Hoffman
Flats
1 Kenneth T Bill
2 Margaret M Killitts
3 Mary J Howard
4 Laura B Hasely
5 Lynn H Spafford
6 Margaret M Denges
619 Harry Elmasian
620 Katherine Hardin
621 Alice Petty
622 John J Morgan
623 New Church Chapel
624 Emmett L Ireland
" Carrie M Meikel
625 Sarah E McCullough
626 Wm A Davidson
" Roy D Case
627 John J Rochford
628 Jonathan A Murphey

Walnut (B C)

701 George Trietsch
702-704 The Logenie
" Bert G Douglass
Flats
1 Egbert D Moore
2 Harvey U Pease
3 Laura Doyle
4 George W Lance
5 Stephen Christie
6 Margaret Scott
703 Alma White
705 Harry A Fenton
" S K Abrahims
706 Wilbert Canary
707 Melona E Davis
" John Ker
708 George P Healy
709 Della Phillips
711 Daisy M Lang
712 Gustav Rhodey
713 Joseph R McCain
714 Charles A Rector
715 Wm E Bell
716 John E Whiteman
717 Amos W Patterson
718 George Vondersaar
719 John W Staub
720 Harry G Paxton
723 C W Slinkard
724 Emory S DeHoff
725 Everett A Hunt
726 Mary E Thompson
727 Leonidas L Louis
728 Frank D Swisher

St Clair (B C)

801 A Lewis & Co
805 Vacant
807 Ella C McGinness
809 Vacant
811 Isaac B Copeland
813 Milton Cook

Ft Wayne av (B C)

Arch (B C)

816 Herman Greenbaum
818 Harry H Gray
820 Ella Davis
822 John W Bilyeu
822½ Scott M Mullin
824 Alfred B Smith
825 Vacant
826 Ernest Morrow
828 Wm Sims
829-831 The Alawayne
Flats
1 C F Hill
2 Mary Dockweller
3 A G Hitzelberger
4 M K Morrison
5 Mary F Gregory
6 Ellen A Bibbins
7 Isabelle Bolen
8 Belle Kaiser
832 Alice Fesler
833 Michael Kelly
834 Louise Rein
835 Frank A Lytle
" F D Grady

Pratt (C)

902 Susie Congdon
904 Oliver E Kern
905-9 W D Allison Co
906 Lucy Corn
908 Minnie Meek
910 Andrew J Gass

Sahm (C)

911 Wm F Maffett
912 Harry Mockford
913 Charles C Evans
914 Bertha Sherrill
915 Joseph Lister
916 George F Lamar
917 Oliver P Woodruff
918 George P Marott
919 Catherine Lavelle
920 Walter D Sellers
921 Clara J Hart
922 George W Hatton
923 Charles C Watters
" Albert Kriner
924 Charles F Conner
925 W G Outland
926 Edward Gray
927 Earle B DeLong
928 Len W Dinsmore
930 Isaac Seaman

St Joseph (C)

931 Rose Jackson
" Minnie Maney
" Joseph Lockhart
" Charles Skinner
932 Charles A Wocher
933 Dora Walls
934 Frederick C Stump
935 Nettie Bartholomew
936 Joshua L Hudson
937 Sarah Delong
938 W Weeber Hutton
939 Solomon Nathan
940 George W Crabill
941 Ella Wishmier
" A J Jacobs
942 Louis F Hoffman
943 John F Kirland
" Ralph W Ingalls
944 John T Scanlon
947 Earl B Heath
949 Shirley J Marts
950 James E Crabtree

Tenth (C)

1001 Vacant
1003 G W Kelley
1004 Ida Nichols
" Flournoy G Willis
1005 Vacant
1006 Meyer Leberman
1009 Henry D Beissenherz
1010 Martin C Hulse
1012 Elizabeth Pidgeon
1013 Mary Hughes
1014 Belle Selsavsky
1015 Stephen V Biddle
1016 Charles A Chambers
1017 Anna Murphy
1018 James A Raine
1019 Hyman Ringolsky
1020 Theodore Schaffer
1021 Mayme E Merritt
1022 Belle Cohen
1024 Margaret S Wood
1025 Wm K Hayes

Eleventh (C)

1100 Peter C Read
1101 Albert E Chilton
1102 Wm D Greene
1103 Olive H Smith
1104 Vacant
1107 John Griffin
1108 G W McCammon
" A W Weatherington
1109 Wm P Malott
1110 Elmer Borton
" Thomas E Stuckey
1111 Anthony S Cost
1115 Jacob Goodman
1117 Edward O Johnston
1119 Otto D Lefler
1120 Samuel L Houston
1121 Anna B Birk
1125 Thomas E Kane
1126 Kate Heintzelman
1132 Edgar Sutton
1138 Elizabeth E Dunlap
1144 Harvey A Moore

Twelfth (C)

1201 Oscar V Rouse
1205 Carl H Lieber
1208 Hamlin L Shute
1211 Wm A Zumpfe
1214 Augusta Robards
1215 Wm Zumpfe
1216 John M Ryan
1219 Russell Fortune
1220 Adolph Schellschmidt
1221 Luther S Welborn
1223 Frank D Patterson
1224 Shafer Zeigler
1225 George M Ray
1226 Maurice A Hofft
1227 Wm A Greyer
1228 Walter Jarvis
1230 Henderson George
1231 Wm P Brown
1232 Alexander G Cavins
1234 Niles Chapman
1235 Wm I Coons
1237 Isaac B Taylor
1238 Anna Rambo
1241 First Friends Church
1242 Alfred F Noll
1246 Martin H Taylor

Thirteenth (C)

1301 The Arletta
1 Lan Corbin
2 Abram L Secttor
3 Mary V O'Donnell
4 George F Atkins
5 Mary C Meyer
6 Carrie L Pray
1302 Joseph B Gwin
1304 Wm R Zulich
1305 Fannie M Lee
1307 Wm T Carskaddon
1313 C S Millard
1314 Henry C Tinney
" Wm E Tinney
1315 Emma Spalding
1319 Hugh McK Landon
1322 John S Duncan
1325 E Ellsworth Griffith
1326 Elmer E Stevenson
1332 John R Hall
1335 Bailey Brown
1340 Herman C Dewenter
1341 Victor C Kendall
1401 John P Finn
1402 Frederick M Herron
1407 Wm H Cook
1408 Frank R Wynn
1412 Edwin A Hunt
1415 David E Sherrick
1416 John B Cockrum
1420 Annie VanHoff
1421 Albert C Hirschman
1424 Joseph B Kesling
1425 Friedricka Kramer
1428 Wm J Finn
1429 Willard Robertson
1431 Francis T Holliday
1435 John J Price
1436 Martha M Dickey
" Rowland Evans
1437 Robert A Allison
1439 Daniel Collingwood
1440 Wm Moeller
1441 Martin V Leach
1443 L M Rich

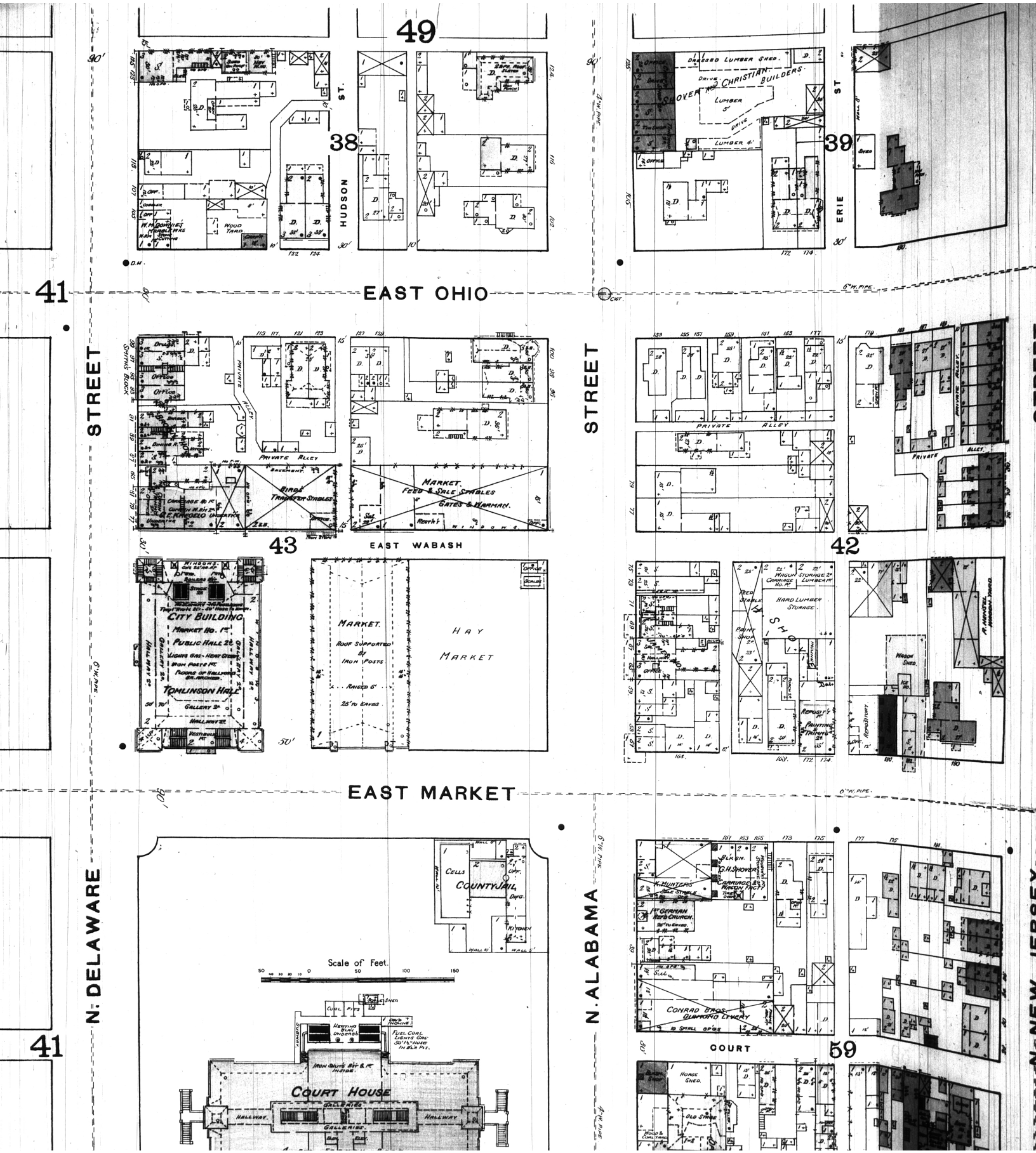
ASK YOUR GROCER FOR PERFECTION EGGS LAID FRESH EVERY DAY PHONES 1199

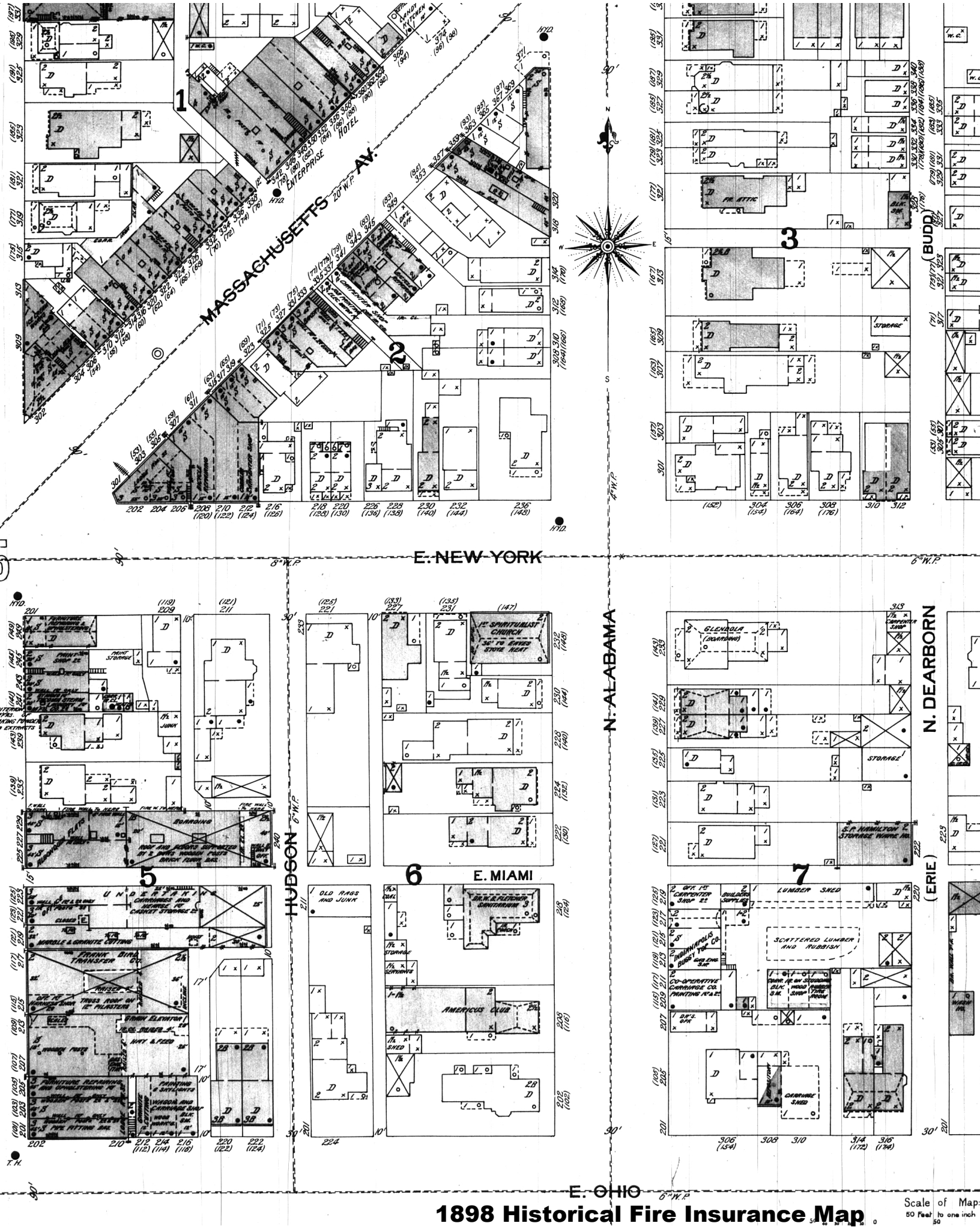
BELMONT LEAD-COATED, COPPERED-STEEL CASKETS—FURNISHED ONLY BY
FUNERAL PARLORS, 213 N. Illinois St. Both Phones HISEY & TITUS

APPENDIX G
HISTORICAL FIRE INSURANCE MAPS

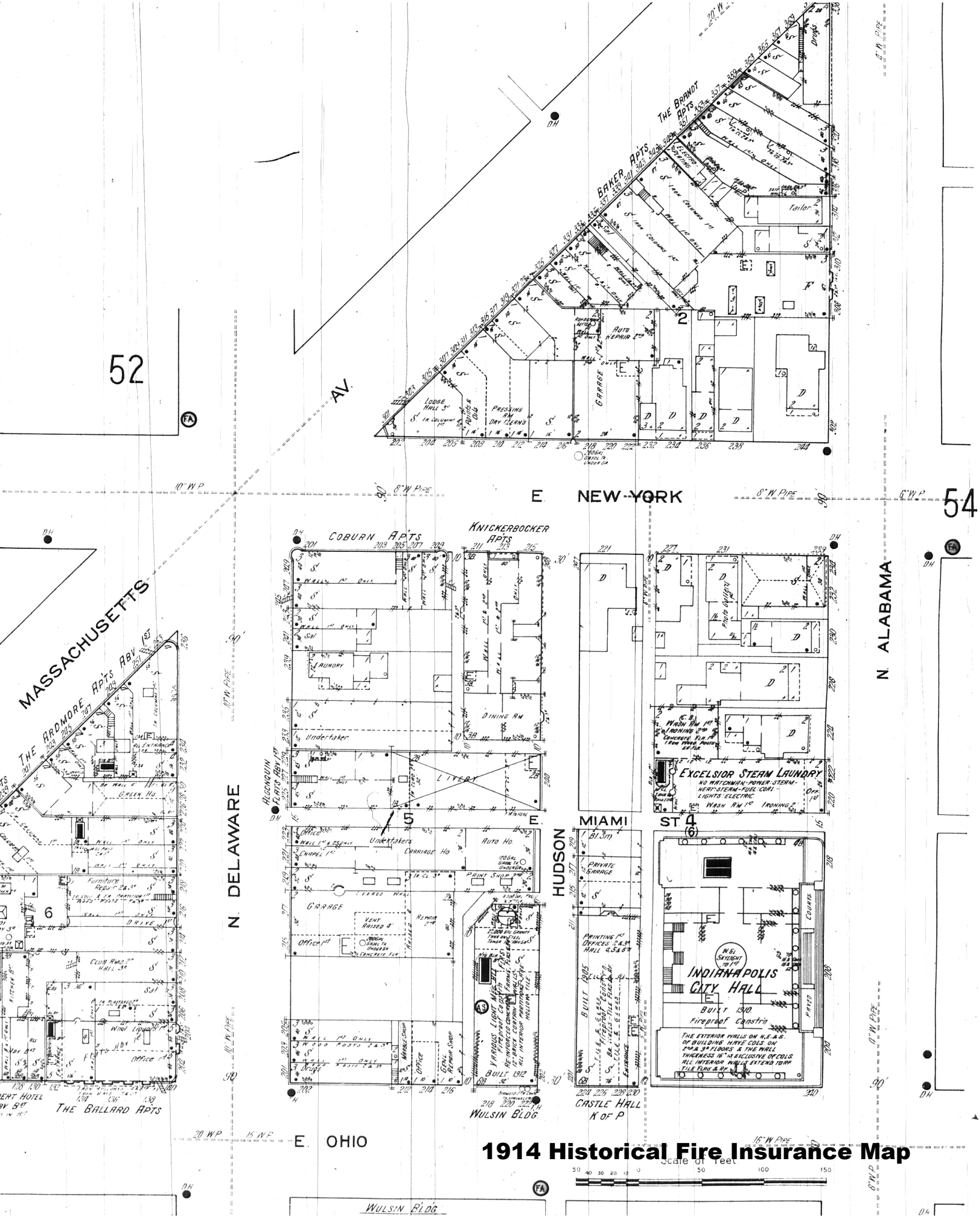
1887 Historical Fire Insurance Map

1887 Historical Fire Insurance Map



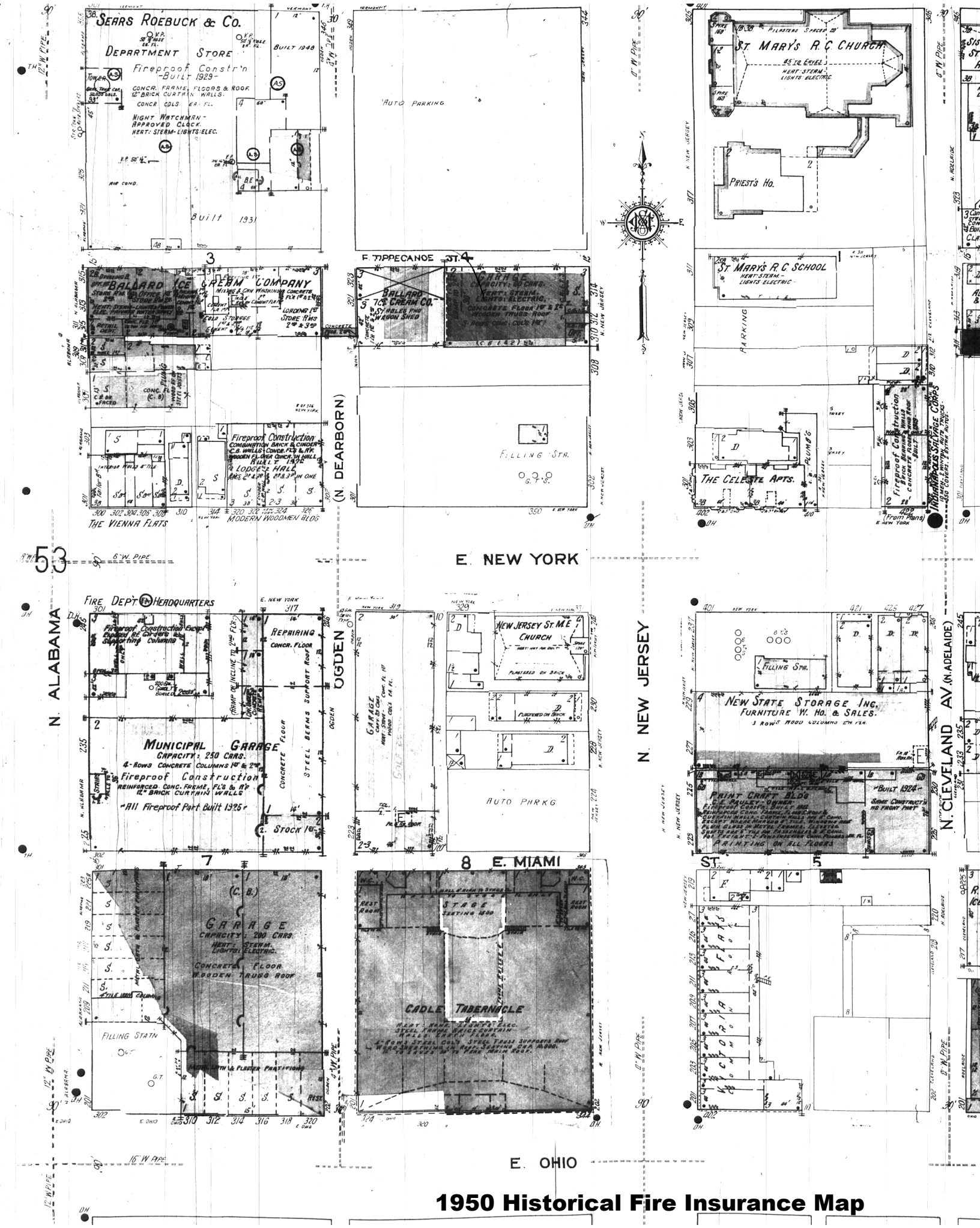


1898 Historical Fire Insurance Map



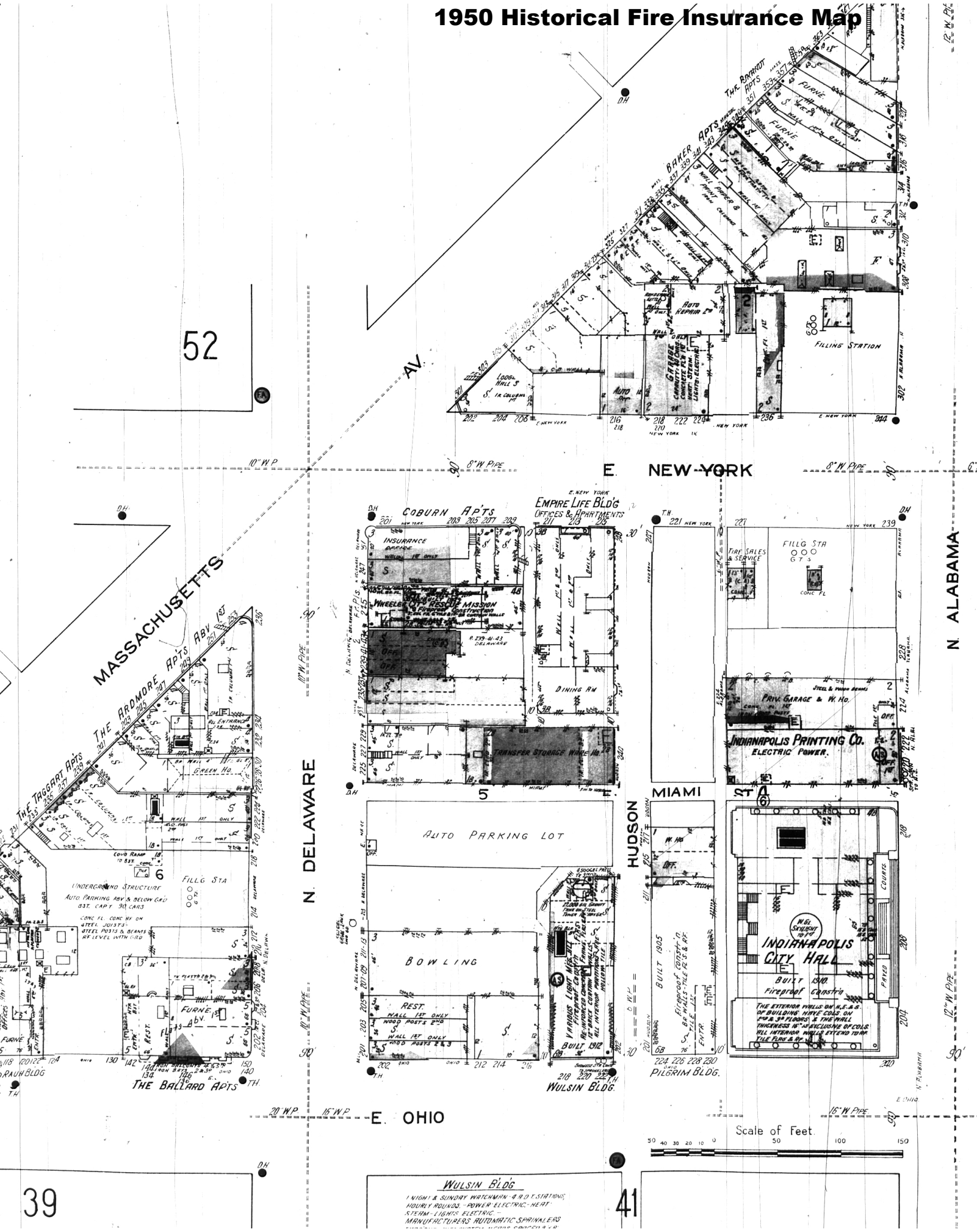
1914 Historical Fire Insurance Map

1914 Historical Fire Insurance Map

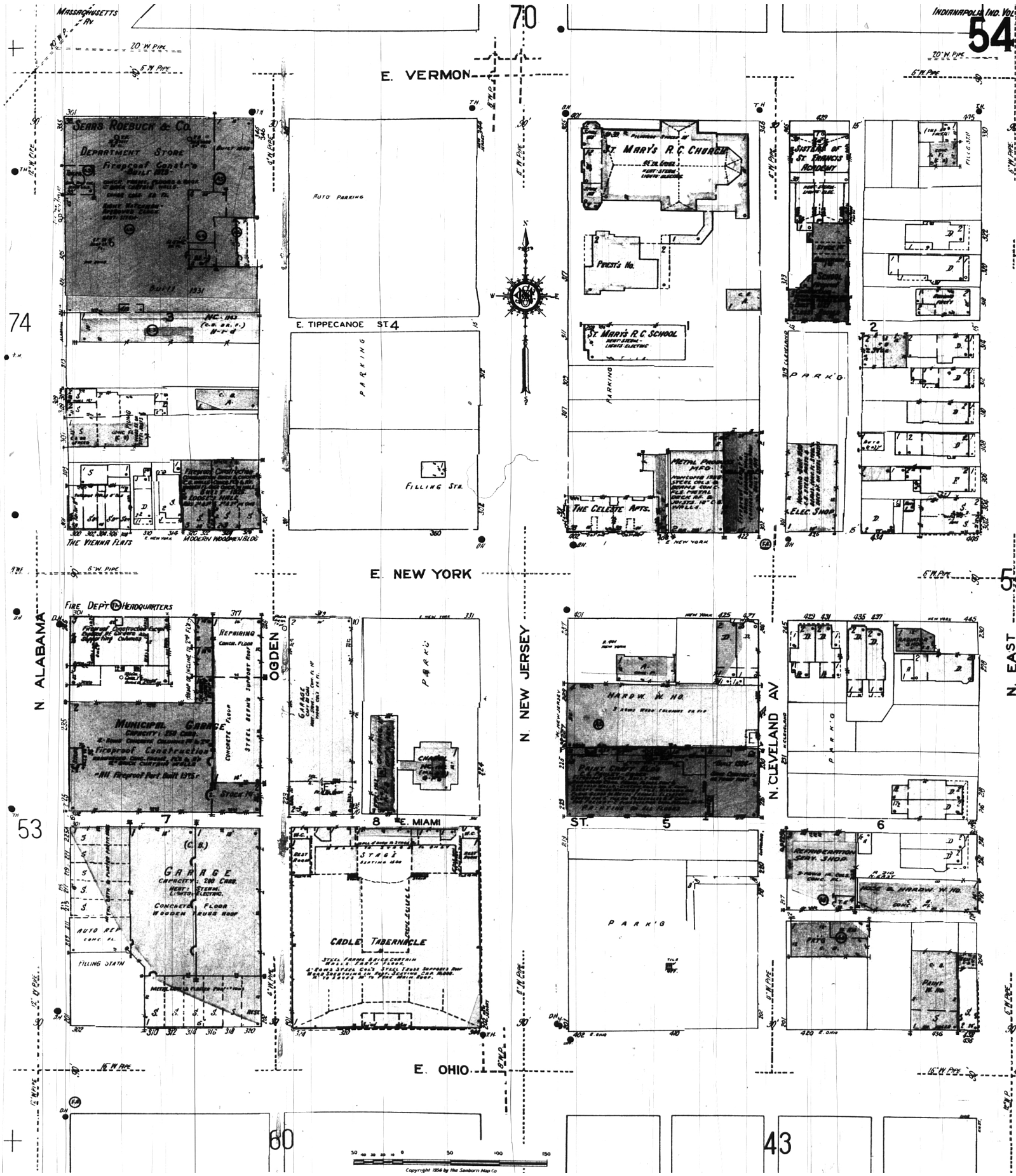


1950 Historical Fire Insurance Map

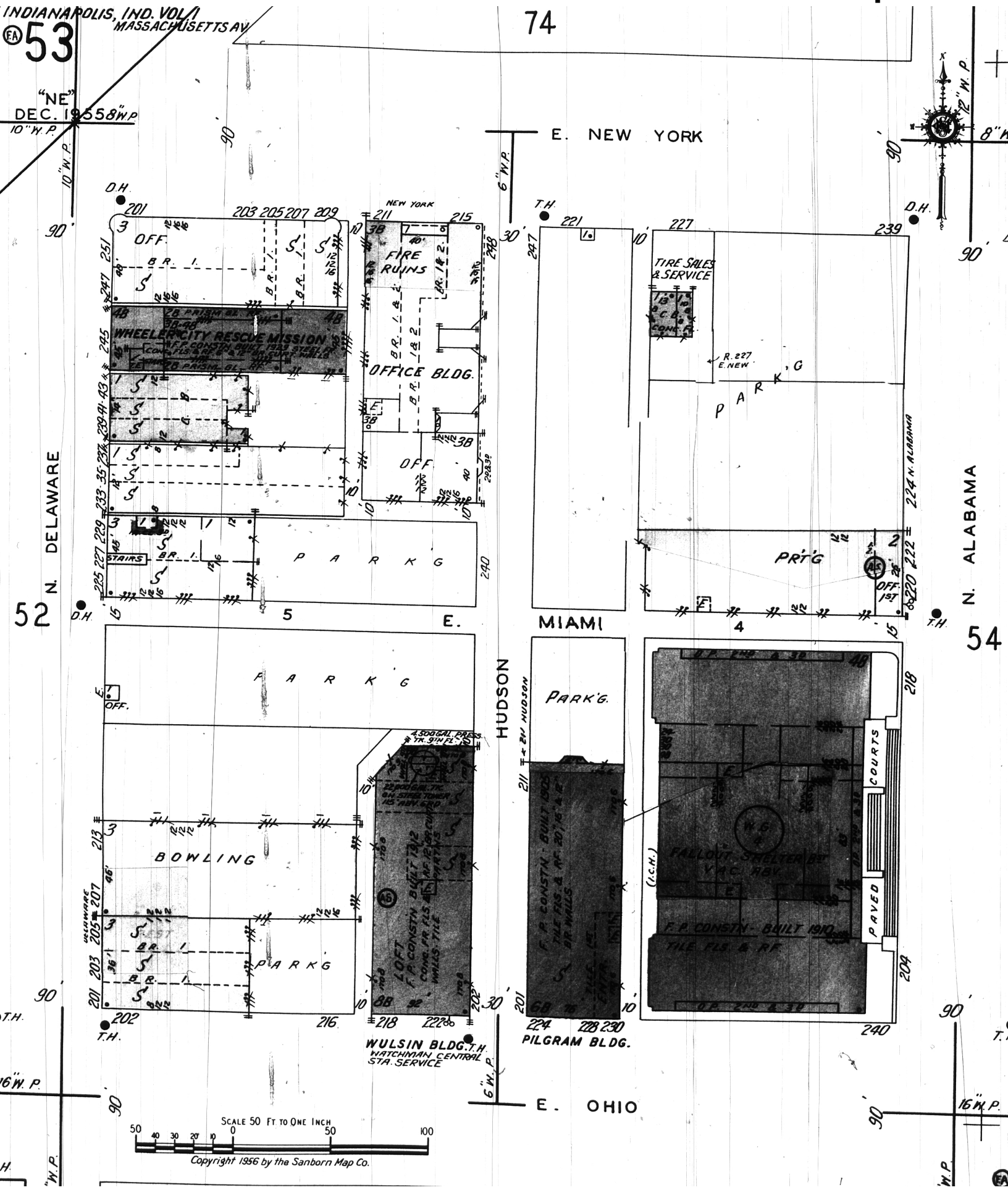
1950 Historical Fire Insurance Map



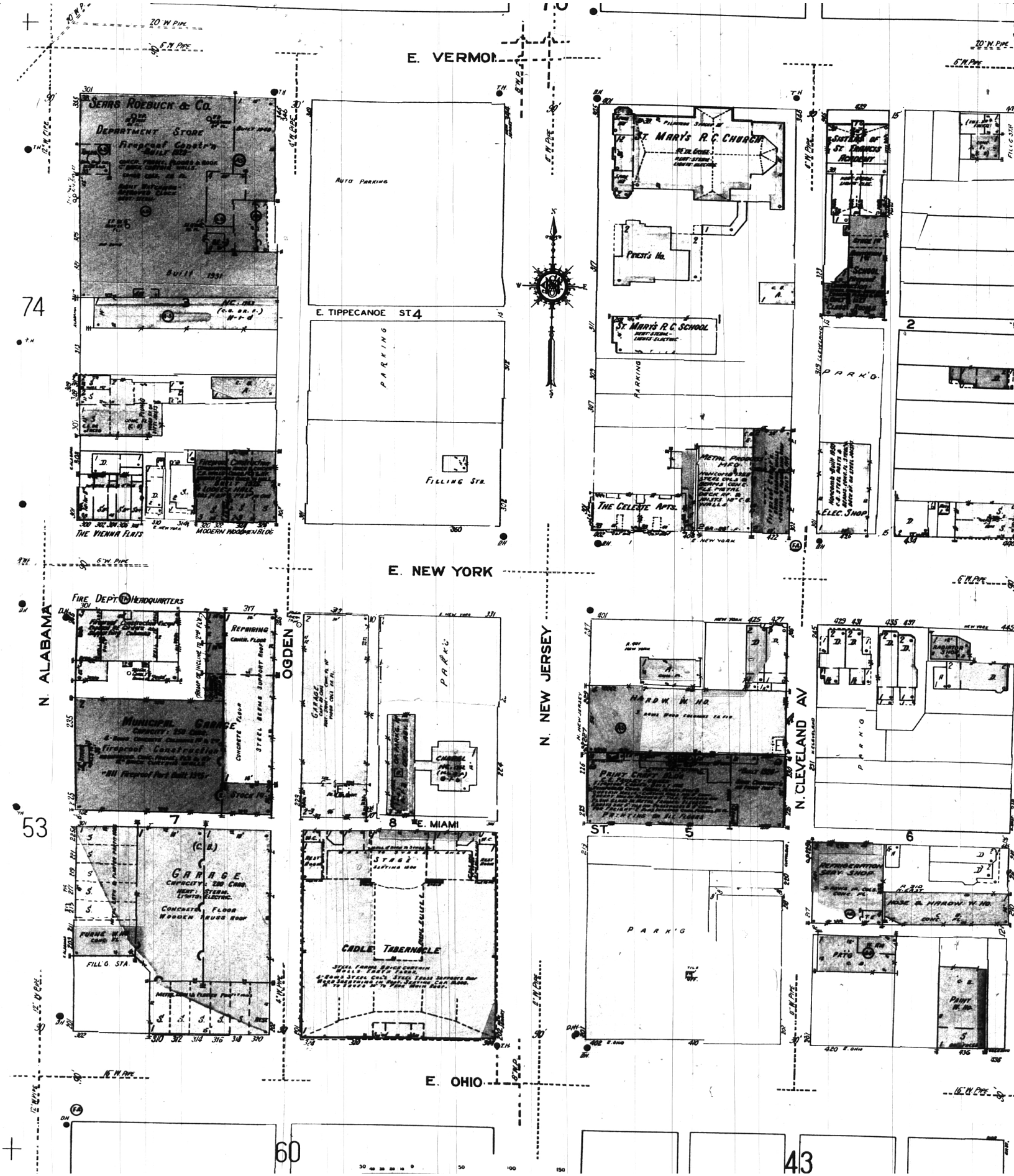
1965 Historical Fire Insurance Map



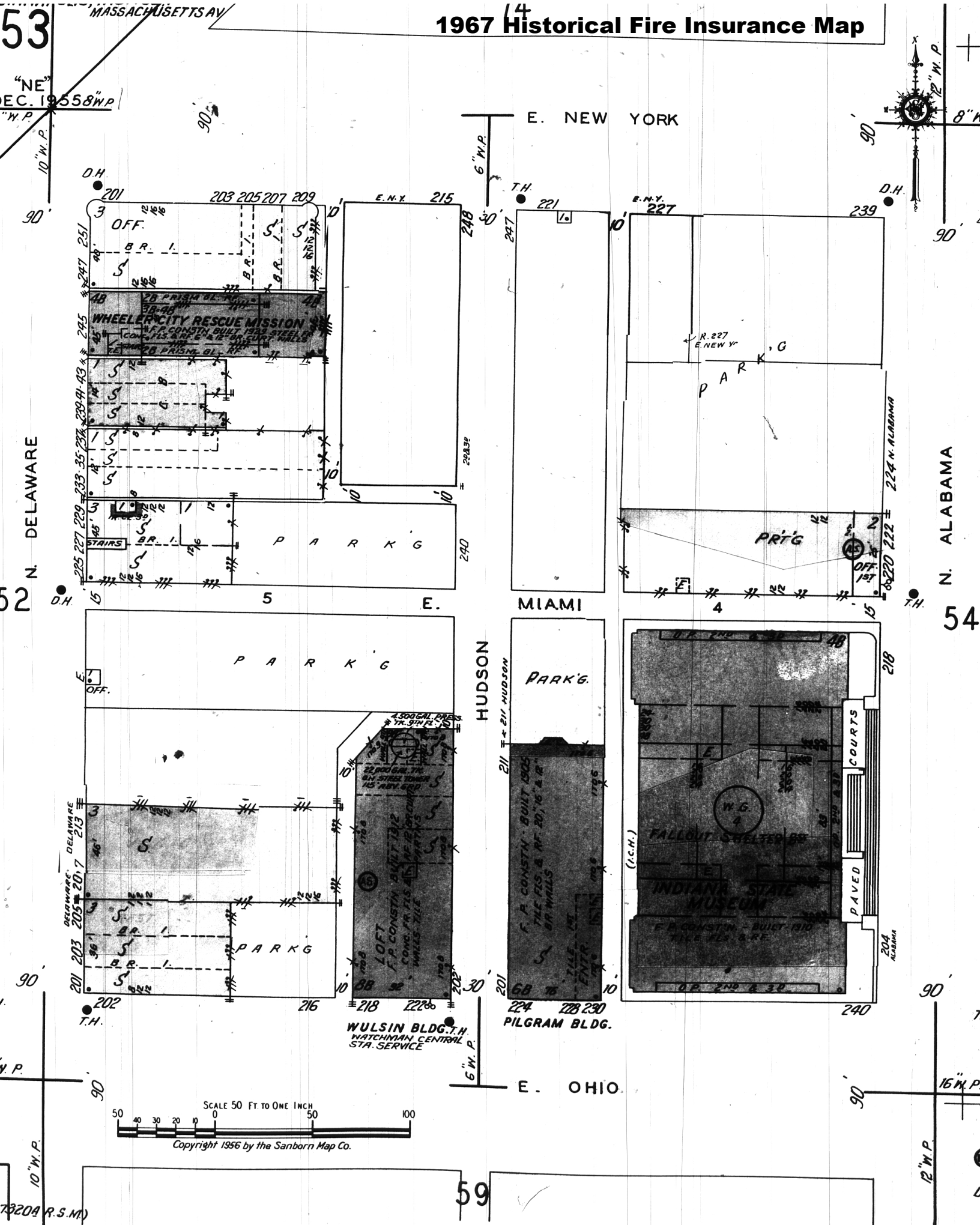
1965 Historical Fire Insurance Map



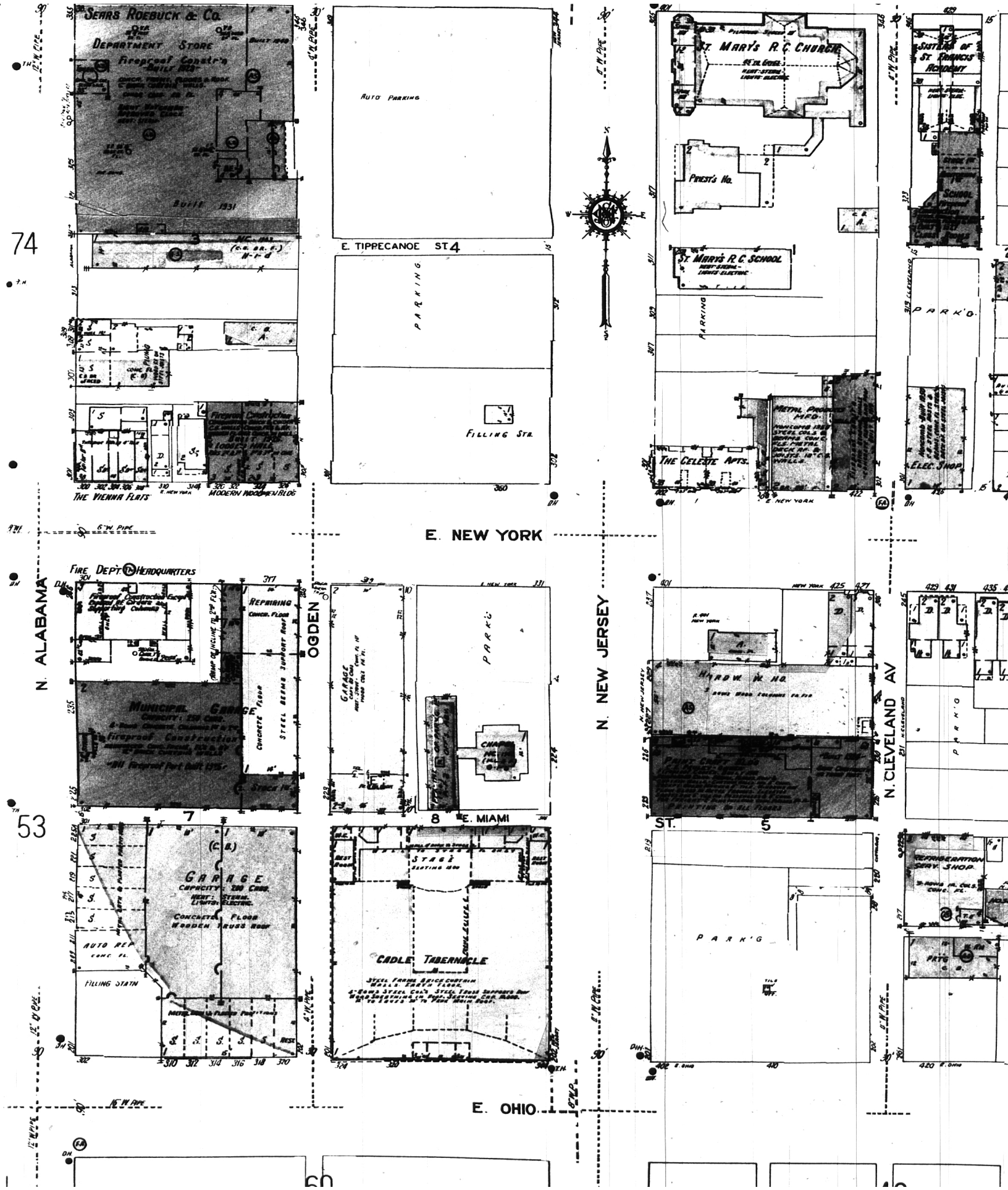
1967 Historical Fire Insurance Map



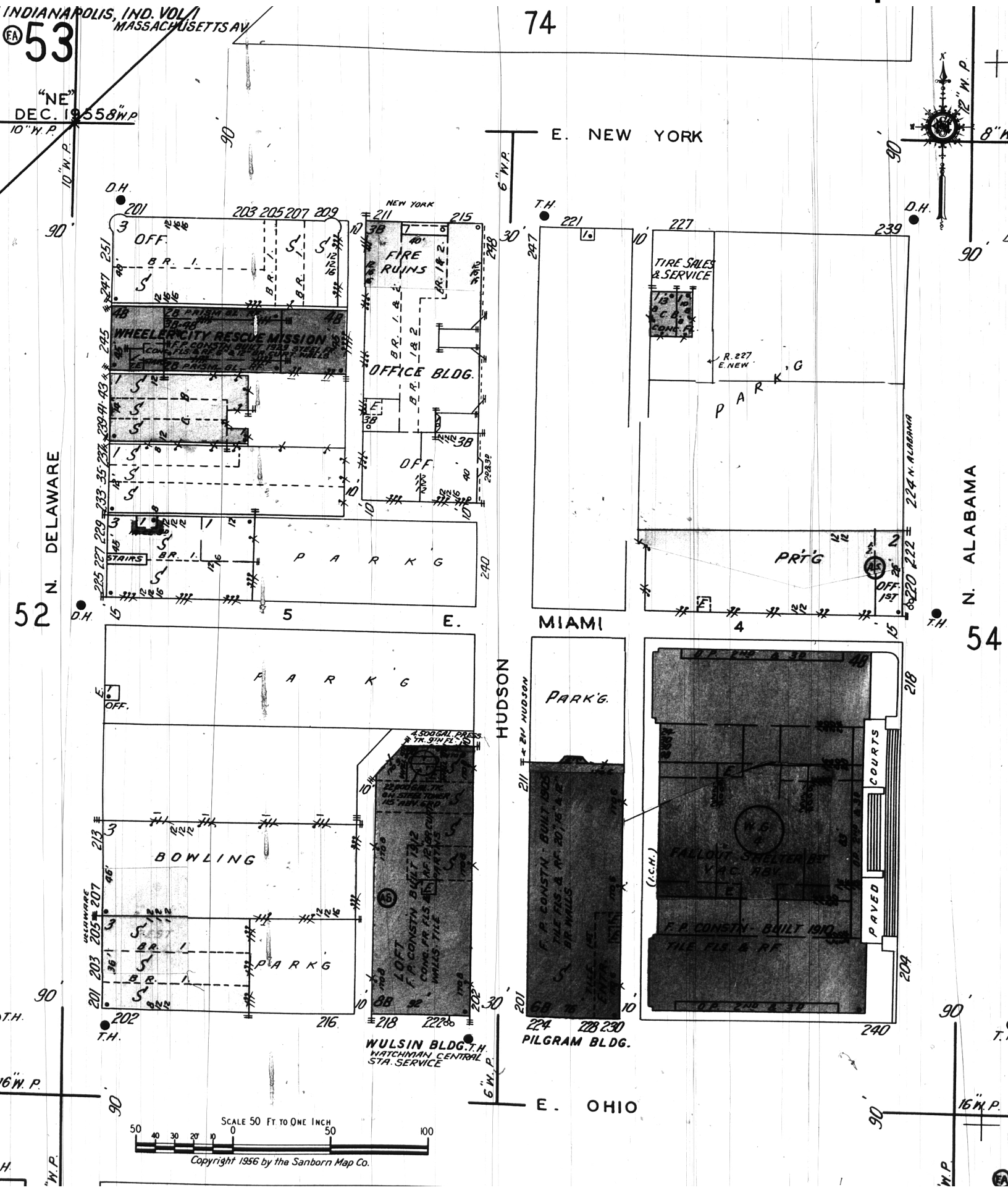
1967 Historical Fire Insurance Map



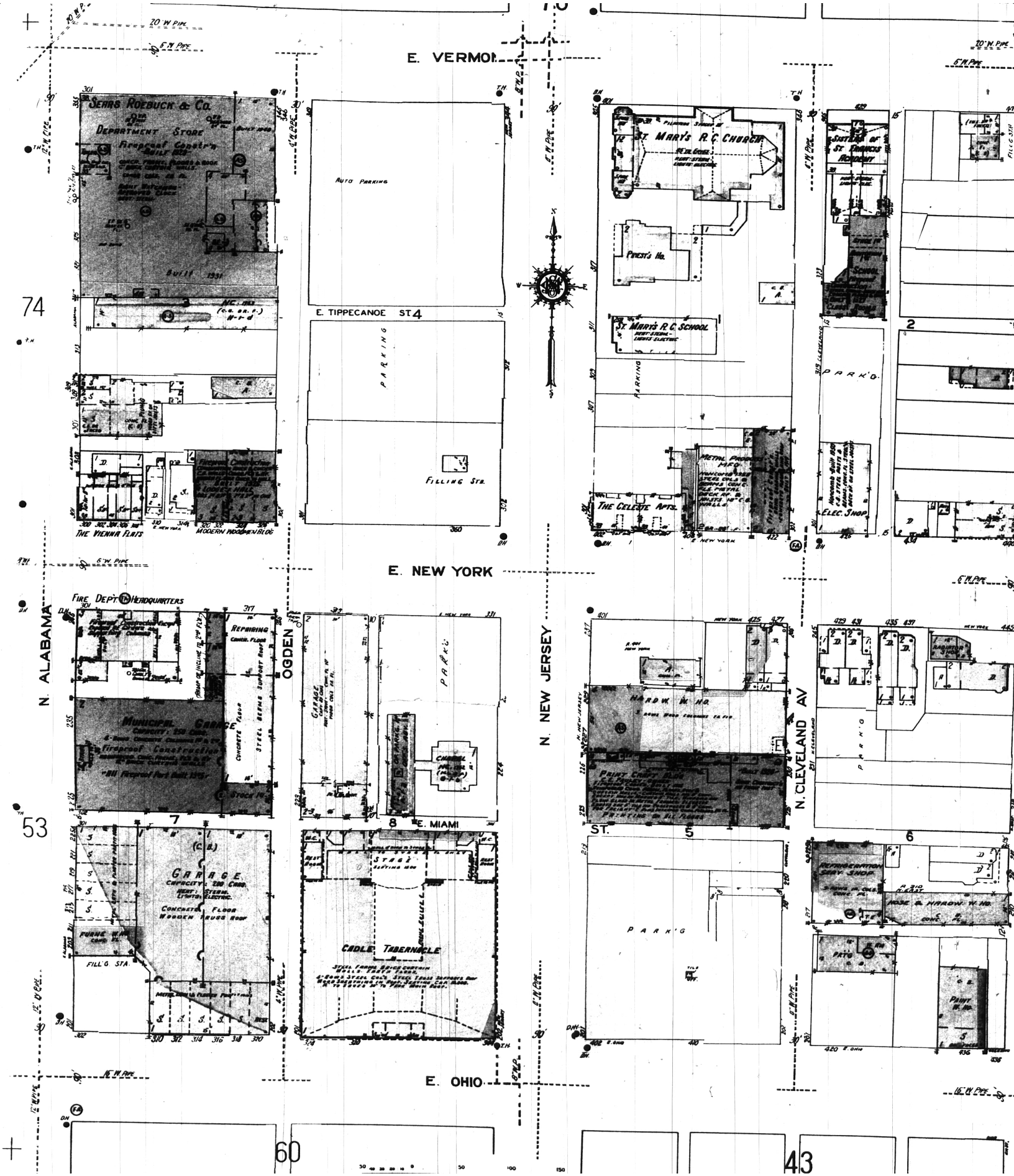
1969 Historical Fire Insurance Map



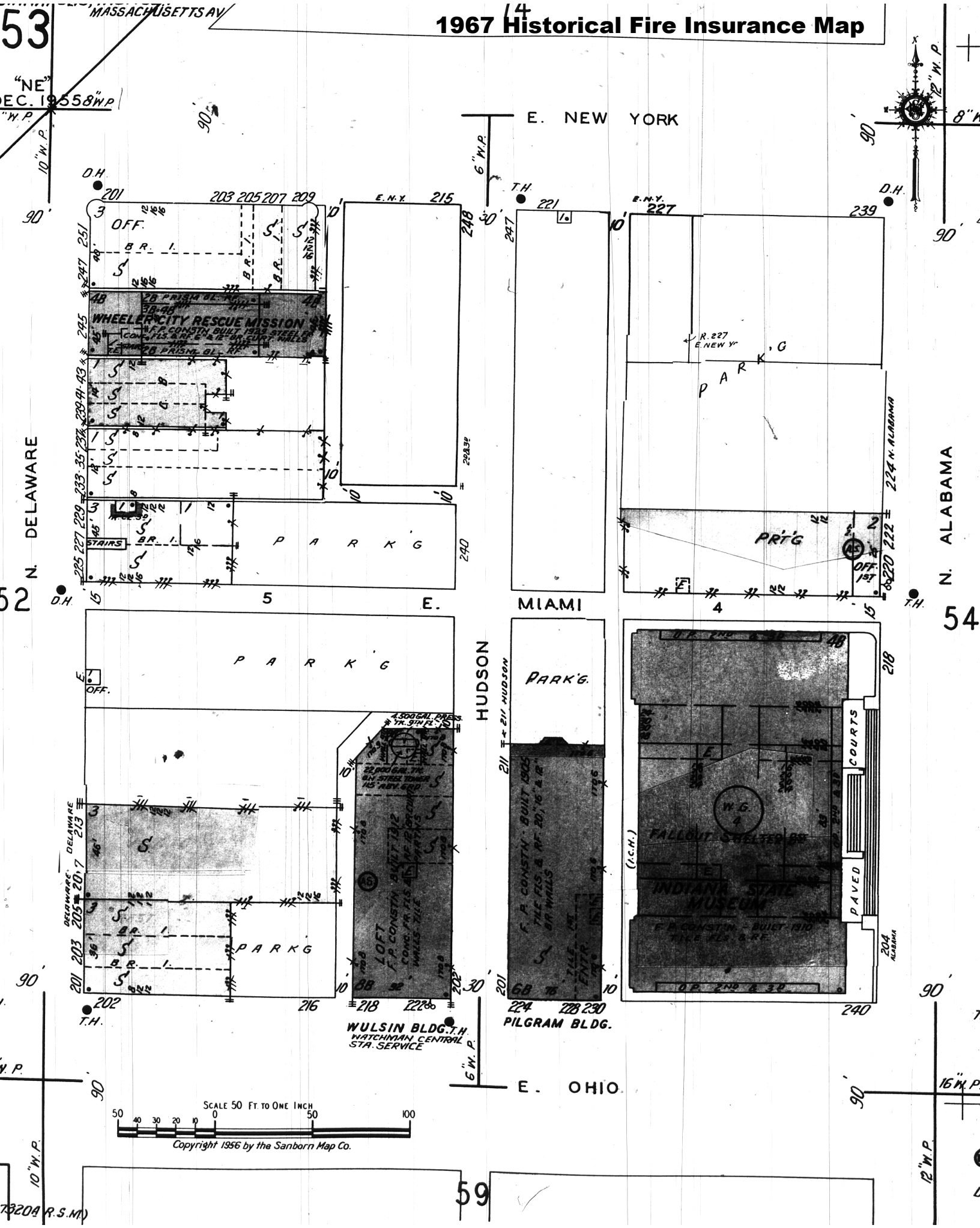
1965 Historical Fire Insurance Map



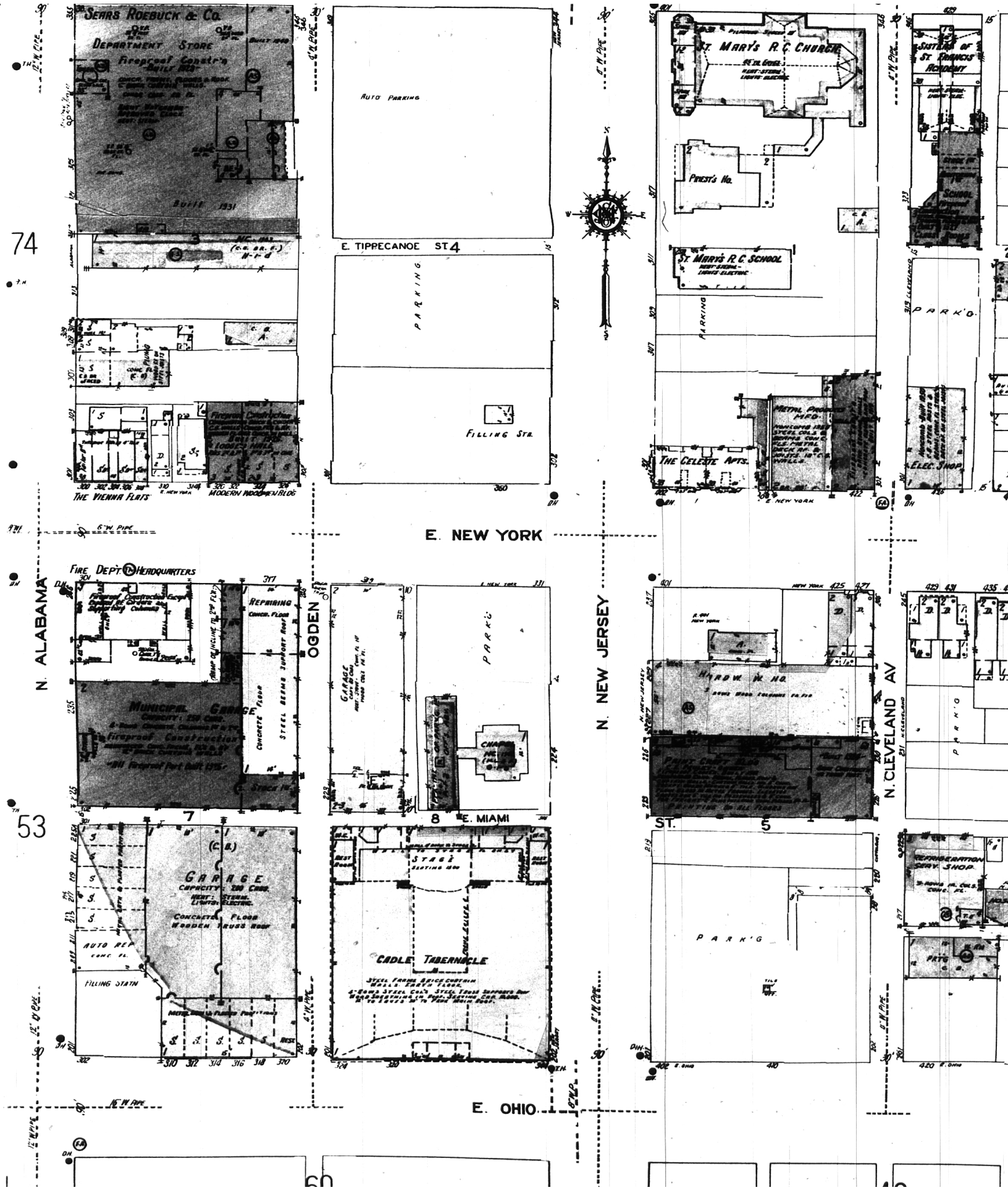
1967 Historical Fire Insurance Map



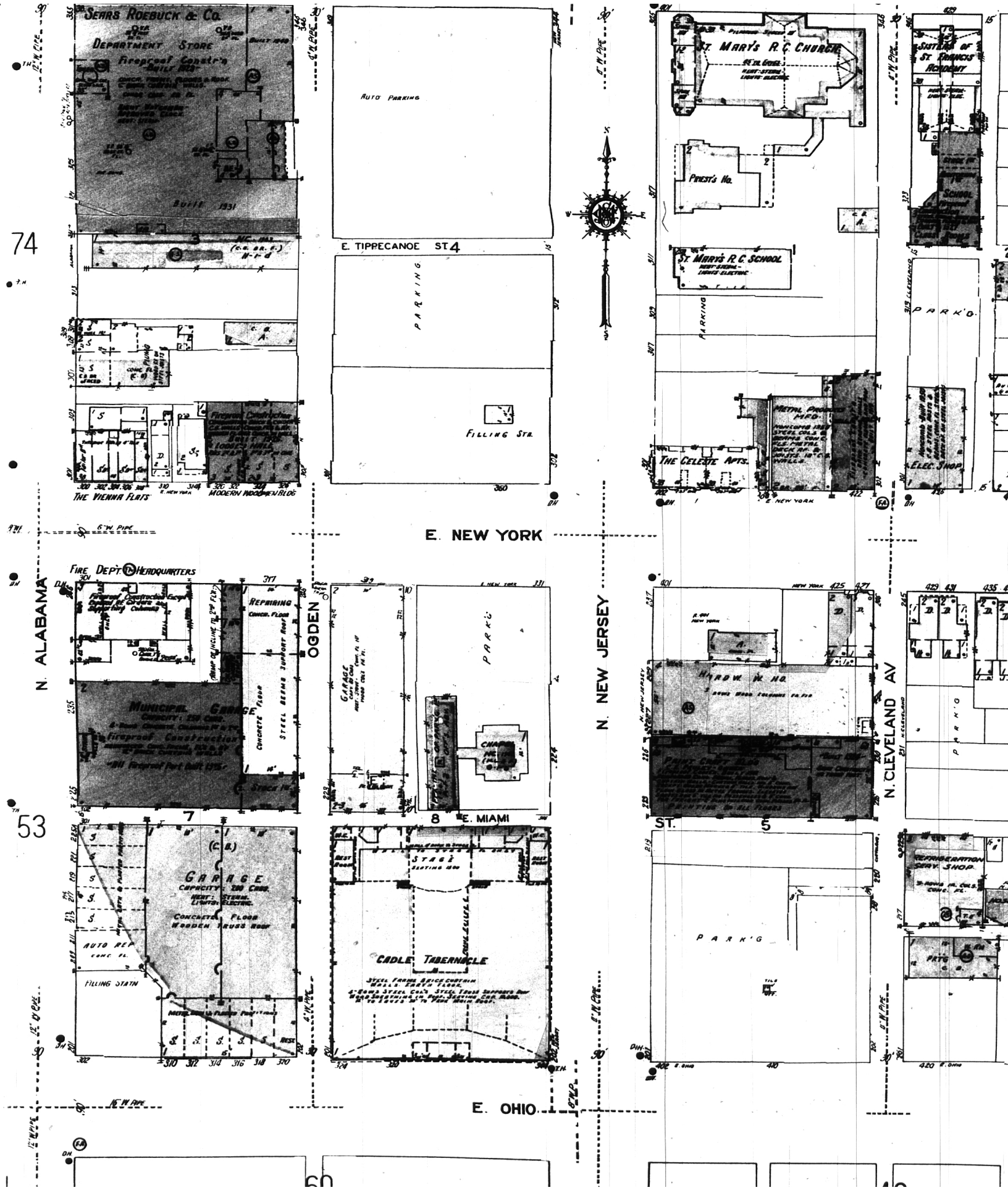
1967 Historical Fire Insurance Map



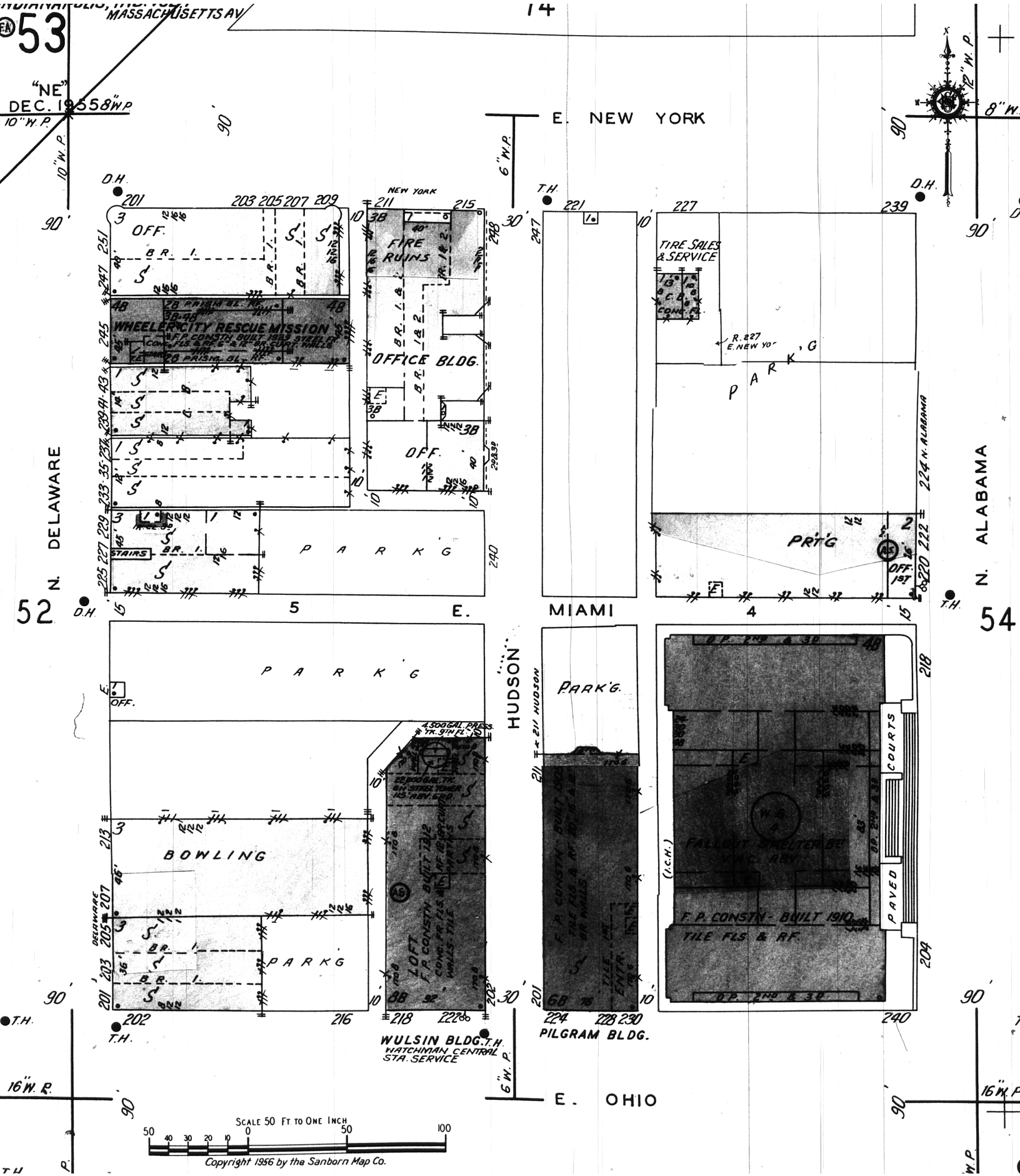
1969 Historical Fire Insurance Map



1969 Historical Fire Insurance Map



1969 Historical Fire Insurance Map



APPENDIX H
RECORDS OF COMMUNICATION

Record of Communication

Record #1 Date: 2/17/2015 Time: Project #: IN15010-01

Name: Ms. Janeth Gomez, Administrative Assistant Phone# (317) 221-2147

Company: Marion County Health Department

From: Mr. Hugh Smith IWM Consulting Group, LLC

Type of Communication:

___ Discussion ___ Phone Call __X__ Correspondence ___ Other

Subject of Communication: Environmental concerns reported at the site since April 2013.
Ms. Bravo responded that no environmental concerns at the site have been reported to the Health Department.

Record of Communication

Record #3 Date: 2/9/2015 Time: Project #: IN15010-01

Name: Ms. Ethel Dodds Phone# (317) 327-6041

Company: Indianapolis Fire Department

From: Mr. Hugh Smith IWM Consulting Group

Type of Communication:

___ Discussion ___ Phone Call __X__ Correspondence ___ Other

Subject of Communication: Environmental concerns reported at the site.
A response from Ms. Dodds was not received by the date of this report.

APPENDIX I
IWM CONSULTING GROUP, LLC PERSONNEL QUALIFICATIONS

Professional Qualifications:

Mr. Smith is a Senior Geologist for IWM Consulting Group, LLC (formerly AVANT Group) located in Fort Wayne, Indiana. Mr. Smith has approximately 20 years of professional experience. His experience qualifies him as an Environmental Professional as defined in the EPA's All Appropriate Inquiries rules. Mr. Smith's responsibilities include preparation of Phase I environmental site assessments, preparation of work scopes and budgets for Phase II environmental investigations and property remediation projects, and oversight of site investigations and remediation. Mr. Smith also works with local and State regulatory agencies in preparation of grant applications for potential Brownfields properties. Mr. Smith has managed five Brownfield sites funded through the Indiana Finance Authority and has worked with the Indiana Department of Environmental Management (IDEM) Brownfields Program to obtain Comfort Letters and Site Status Letters to facilitate the sale and redevelopment of Brownfields properties.

Work Experience:

2007 – Present	IWM Consulting Group (formerly AVANT Group)
2001 – 2007	SES Environmental, Fort Wayne, Indiana
2000 – 2001	Summit Risk Services, Fort Wayne, Indiana
1993 – 2000	Basic Environmental Assessment Resources, Plano, Texas
1992 – 1993	Scientific Consulting Laboratories, Carrollton, Texas
1991 – 1992	Boelter Environmental Consultants, Dallas, Texas
1990 – 1991	KEI Consultants, San Antonio, Texas

Education:

Graduate School – Geophysics	Texas A&M University, College Station, Texas 1986 – 1987
Bachelor of Science in Geology with Minor in Mathematics	Indiana University, Fort Wayne, Indiana 1986

Continuing Education:

Glacial Stratigraphic Analysis, Midwest Geosciences Group, October 2000
Asbestos Building Inspector Course, Environmental Safety Assurance Institute, 2001 (Annual Refresher Courses 2002 through 2014)
OSHA 40-Hour Health & Safety Training, PJS Environmental Consulting and Training, Inc., 2002
Annual 8 Hour Refresher Courses for OSHA Health and Safety Certification 2003 through 2014
Unique User and Legal Perspectives on ASTM E1527-13-Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process, Barnes & Thornburg LLP, 2014

Project Experience:

Phase I Environmental Site Assessments

Mr. Smith has completed more than 500 Phase I environmental site assessments and environmental transaction screens on properties in Indiana, Ohio, Michigan, Illinois, Kentucky, Kansas, Texas, New Mexico, and South Carolina. He participated in all aspects of the data collection and evaluation, field activities, and report preparation. Data collection included locating and reviewing historical aerial photographs, city directories, and fire insurance maps, obtaining and reviewing regulatory database listings for facilities in the vicinity of the subject property, and obtaining and reviewing previous environmental investigation reports for the subject property. Subject properties have included gasoline stations and convenience stores, metal fabrication facilities, steel and aluminum foundries, automobile and truck service facilities, injection molding facilities, waste collection and recycling facilities, electronic component manufacturers, lumber yards, nursing homes and assisted living facilities, laundry dry cleaning operations, restaurants, a 6,000 acre ranch, multi-family residential properties, and vacant properties.

Mr. Smith has also been subcontracted to review and evaluate environmental assessment reports and environmental concerns identified in the reports for properties being considered as collateral in real estate loan transactions for a major financial institution in Dallas, Texas.

Phase II Environmental Investigations

Mr. Smith has conducted Phase II environmental investigations to determine if soil and/or groundwater were adversely by environmental concerns identified on properties (such as active or abandoned underground fuel storage tanks, improper storage of petroleum products or hazardous substances, or spills or releases of petroleum products or hazardous substances). Responsibilities included the development of the project work scope and budget, scheduling and coordination of subcontractors and field activities, soil boring, monitoring well installations, soil and groundwater sample collection and submittal of samples to laboratories, evaluation of analytical and field data, and preparation of project reports detailing field methodologies, and sampling results.

Brownfields Investigations

EPA Assessment Grants. Mr. Smith has participated in investigations for several properties in the Indianapolis, Indiana area as part of EPA Brownfield assessment grants for those properties. Mr. Smith conducted Phase I environmental site assessments for six properties and a NESHAP asbestos survey for one property. The properties investigated included a former dry cleaning facility/restaurant building, a former manufacturing and recycling/salvage yard, a former automobile parts distribution center and recycling facility, a former coal/oil company and automobile salvage yard, a warehouse and former metal plating facility, and a former chemical mixing and distribution facility. The asbestos survey was completed on a 29,000 square foot office/warehouse building originally constructed in the 1920s.

IDEM Brownfield Grants. Working with the IDEM and local municipalities, Mr. Smith has investigated and remediated several Brownfields properties across northeast Indiana. The properties were listed as Brownfields due to past use as automotive service facilities and gasoline stations with little or no documentation relative to petroleum storage and disposal. The Brownfields investigations included a Phase I environmental site assessment, a geophysical survey of the properties utilizing remote sensing equipment to locate buried storage tanks, piping, and disposal areas, Phase II environmental investigations to evaluate soil and groundwater conditions, excavation and removal of underground storage tanks, piping, and petroleum contaminated soils identified on the properties, and confirmation sampling of soil and groundwater to determine contaminated soil and groundwater had been adequately addressed. A final report detailing field methodologies, laboratory testing results and all investigation findings was prepared for each property.

Landfill Cap Evaluation

Mr. Smith conducted an evaluation of the cap of an abandoned landfill in central Indiana by advancing soil borings on a grid pattern across the landfill. Soil samples from the borings were evaluated to determine the extent of the landfill, the thickness of the soil cap over the landfill, and composition of the soils in the cap. Contour maps were prepared to illustrate the thickness of the cap across the landfill and the results were utilized to prepare strategies to repair the cap to meet IDEM requirements.

Asbestos Surveys

Mr. Smith has conducted several hundred asbestos surveys ranging in scope from initial screening surveys for real estate transactions to full surveys in accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements for demolitions and renovations. Surveyed buildings have included single-family and multi-family residential units, retail shopping centers, office buildings, warehouse/distribution centers, and industrial facilities. The surveys included a visual inspection of each building, determination of homogeneous areas of building materials, collection and documentation of the required number of samples of each suspect asbestos containing material, submission of the building material samples to an accredited laboratory, and preparation of a report detailing survey methodologies and testing results.

Licenses, Certifications, and Professional Associations:

IDEM, Asbestos Building Inspector License 192026102
American Association of Petroleum Geologists (AAPG), Member since 1984
Charter Member, AAPG Division of Environmental Geosciences
Bi-annual American Red Cross, Standard First Aid Certification, February 2013
Bi-annual American Red Cross, Adult/Child/Infant Cardio-Pulmonary Resuscitation Certification, 2013
OSHA 40-Hour Hazwoper Hazardous Waste Site Investigation Certification, October 21, 2002, with annual 8-Hour Hazwoper Refresher Training Certifications through February 2014

Professional Qualifications:

Mr. Gentry has approximately 15 years of professional experience in environmental consulting and has been located in the Indianapolis, Indiana office for 13 years. Mr. Gentry is a qualified All Appropriate Inquiry (AAI) Environmental Professional. His responsibilities include coordination and supervision of lower level staff members, report review, and development of site specific work plans.

Mr. Gentry performed portfolio management for a Major Oil company in the State of Indiana. Consequently, Mr. Gentry was the lead regulatory negotiator, the primary contact for retail remediation work, and performed financial tracking for approximately 120 retail gasoline stations and three bulk terminals. Mr. Gentry is also the lead POC and Senior Project Manager for the Indiana Finance Authority, Brownfield Petroleum Remediation Grant Region 3 contract, which was awarded to IWM Consulting in 2006.

Mr. Gentry's technical experience includes supervising and conducting site assessments, developing and implementing site assessment and remediation work plans, conducting soil gas surveys, RISC Trend Modeling, and financial tracking. Mr. Gentry has extensive experience relating to identifying, assessing, and remediating Brownfield sites throughout the State of Indiana. Currently Mr. Gentry is providing technical support for the Improving Kids' Environment Level 1 CARE grant administered by the U.S. EPA Region V Environmental Justice Section.

Education:

Bachelor of Arts, Geology, Hanover College, 1994
29 CFR 1910.120 40 Hour OSHA Health and Safety Training
ASTM Risk-Based Corrective Action Training for Petroleum Sites – Oct. 2005
Licensed Professional Geologist, State of Indiana - LPG #2165
Professional Geologist, State of Kentucky – Registration #KY- 2378
Professional Geologist, State of Pennsylvania – Registration #4699
Certified UST Professional, State of Michigan – CP #1082

Project Experience:

- **Phase I ESA Area Survey**

Mr. Gentry acted as a senior project manager for these projects and participated in work scope development, data evaluation, and report preparation. The purpose of the Area Surveys was to identify Brownfield Sites and Active Potential Sites of Concern.

Greater Lafayette Community Development Corporation: IWM Consulting completed a Phase I ESA Area Survey of properties within the Wabash River Corridor. The area encompasses approximately 2,000 acres and incorporates approximately 260 individual land parcels. This information was gathered within a 45-day time period and presented to the GLCDC. The funding for this Area Survey was provided by an USEPA Brownfield Grant. Mr. Gentry acted as the primary Point of Contact for this project and participated in the data evaluation, field activities, and public meetings.

Irvington Development Organization: IWM Consulting completed a Phase I ESA Area Survey encompassing a 110 square acre area, which included over 250 parcels. This information was gathered within a 60-day time period and presented to the Irvington Development Organization. IWM Consulting, in conjunction with the Irvington Development Organization, developed a Final Priority Site List and subsequently completed AAI-compliant Phase I ESA reports. The funding for this Area Survey was provided by a local Brownfield Grant.

City of Indianapolis: IWM Consulting completed a Phase I ESA Area Survey over a 520 square acre area, which included over 1,800 parcels. The purpose of the Area Survey was to identify Brownfield sites and Active Potential Sites of Concern. This information was gathered within a 30-day time period and presented to the City of Indianapolis. The funding for this Area Survey was provided by an USEPA Brownfield Grant. Mr. Gentry acted as the primary Point of Contact for this project and participated in the data evaluation, field activities, and public meetings.

- **Phase I Environmental Assessments**

Mr. Gentry has supervised and provided final QA/QC review of approximately 50 Phase I Environmental Assessments at various residential and commercial properties throughout Indiana and Illinois. Mr. Gentry has also managed a large scale (23) Real Estate Transaction Screening due diligence project that required the work to be completed within a one month turnaround time.

- **Phase II Environmental Assessments**

Mr. Gentry has conducted and/or supervised over 250 Phase II site assessments utilizing various site investigation methodologies.

- **US EPA Phase II Site Investigations**

Mr. Gentry has directed and completed three US EPA Phase II Site Investigations. The US EPA Region 5 directed Phase II site investigations included the preparation, submittal, and approval of a Quality Assurance Project Plan (QAPP) for the subsurface investigation of three industrial Brownfield properties located in Lafayette, Indiana.

- **State of Indiana Brownfield Experience**

Mr. Gentry is the lead Point of Contact for the State of Indiana Brownfield work completed by the Indianapolis, Indiana IWM Consulting office. Mr. Gentry identified potential Brownfield sites within a 20 County area located in western Indiana, developed site assessment and remediation work scopes, implemented the proposed work scopes, and provided direct communication with representatives from the property owner, municipalities, and the State of Indiana.

- **Bedrock Investigation and Remediation Experience**

Supervised the installation of several monitoring wells completed in bedrock. Additionally, Mr. Gentry analyzed data collected during a dual phase extraction pilot study at the retail petroleum LUST site and provided recommendations for the design of a mobile remediation unit.

Managed the installation and operation of a mobile remediation unit utilized to remediate a dissolved and liquid phase hydrocarbon plume that had impacted over a dozen-residential/commercial properties. Mr. Gentry currently provides Senior level project management for this project.

- **Bulk Terminal Facility Management**

Performed subsurface investigations at three bulk terminals and one retail gasoline service station utilizing the cone penetrometer drilling method. The investigations resulted in a re-design of the current remedial technologies saving the client approximately $500M in remedial system upgrades.

Provided daily coordination and management activities associated with the operation and maintenance of a combination groundwater pump & treat (1,500 gpm +), SVE/AS, and LPH recovery system at a bulk terminal facility in northern Indiana. The project also included the quarterly sampling and reporting of over 70 private water wells (industrial and residential).

- **Soil Gas Survey/Vapor Intrusion Experience**

Conducted soil gas surveys at several properties in Indiana to determine if vapor intrusion risks exist at the properties. Duties included installation of soil gas sampling points, collection of soil gas samples, evaluation and modeling of the data.

- **Regulatory Advocacy**

Successfully negotiated reimbursement for a LUST site that previously was not reimbursable and was working under a Notice of Violation with the State of Indiana.

Successfully worked in partnership with two Major Oil companies and IDEM regarding the approval and implementation of a RISC pilot project for a co-mingled plume that has adversely affected a third party property.

Successfully obtained over 60 No Further Action letters for various LUST sites from IDEM since 1997.

Professional Affiliations: Member, Indiana Geologists & Professional Geologists of Indiana

7428 Rockville Road | Indianapolis, IN 46214 | 317.347.1111 office | 317.347.9326 fax

May 20, 2015

Mr. Cameron Starnes
Assistant Administrator - Brownfield Redevelopment
Department of Metropolitan Development
Office of Mayor Greg Ballard – City of Indianapolis
200 E. Washington Street, Suite 2034
Indianapolis, Indianapolis 46204

RE: Phase II ESA Report
Parking Lot Property
222 North Alabama Street
Indianapolis, Marion County, Indiana

Dear Mr. Starnes:

In accordance with the Phase II Environmental Site Assessment (ESA) proposal dated March 19, 2015, Industrial Waste Management Consulting Group, LLC (IWM Consulting) conducted a Phase II ESA for the Parking Lot Property located at 222 North Alabama Street, Indianapolis, Indiana (Site). The Phase II ESA activities included the installation of ten onsite soil borings (GP-1 through GP-10) and completion of a site wide geophysical survey. The objective of the Phase II ESA activities were to determine if historical onsite or offsite operations have adversely impacted the subsurface of the Site and to determine if any historical structures (basements, footers, foundations, cisterns, underground storage tanks (USTs), etc…) are still present beneath the surface of the Site

The Site currently consists of a paved, public vehicle parking lot that contains approximately 0.75 acres. A small attendant's booth is located at the center of the Site, and two air conditioning compressor units associated with the building on the property adjacent to the south are located on the southwest corner of the Site. It is anticipated that the Site will be developed in the near future for commercial use (i.e. hotel with a partial underground parking garage). A site location map is provided as **Figure 1**.

The Phase II ESA scope of work was based upon the recognized environmental conditions (RECs) identified in the ASTM Practice E1527-13 compliant Phase I ESA Report prepared for the Site. The Phase I ESA Report was dated February 18, 2015 and was prepared by IWM Consulting for the benefit of the City of Indianapolis. Specifically, two (2) RECs were identified in the Phase I ESA which requires additional investigation and evaluation. The RECs are summarized below:

- Historical review indicates the Site was occupied by a laundry facility, printing companies, an auto service facility and gasoline station, an automobile sales facility, and a tire sales and service company at various times from at least 1914 through 1974. Details concerning the operations of these facilities are not readily available. Three gasoline underground storage tanks (USTs) for the gasoline station were shown on the north-central portion of the Site on historical fire insurance maps, but no information is available concerning the status of the tanks. These types of facilities typically utilize *hazardous substances* and/or *petroleum products* in their operations. Further investigation is necessary to determine if the storage

tanks from the former gasoline station were removed from the Site and to determine if soil and/or groundwater have been adversely impacted by releases of *hazardous substances* and/or *petroleum products* by past Site occupants.

- The Site is registered as a Brownfield Property with IDEM. Because no information is readily available regarding the listing of the Site as a Brownfield, this listing is a *REC* for the Site.

The Phase II ESA work activities, including the results of the Phase II ESA activities, are described in more detail in the following sections.

Geophysical Survey

Prism GeoImaging, Inc., (Prism) under the supervision of IWM Consulting, conducted a Site wide geophysical survey on March 26, 2015. The survey was completed during the evening hours in order to minimize the number of vehicles parked in the parking lot during the survey. The survey combined three different geophysical survey methods: 3D ground penetrating radar (GPR), electromagnetic (EM) metal detection, and conductivity mapping. 3D GPR is a high resolution method and the best way to locate small targets such as piping runs, relict utilities, and former utility trenches. EM metal detection is the best way to identify USTs, drums, and other buried metal materials. Conductivity mapping is very sensitive to changes in soil type, which makes it well-suited to identify filled basements, foundations, cisterns, etc.

Numerous subsurface anomalies were detected beneath the Site, including two potential USTs (one in the northwest corner and one in the southeast corner), three potential cisterns, numerous post footers and old foundations, one reinforced concrete area, and a large area along the southern portion of the Site which appears to be a filled basement/crawlspace. One suspect UST area is near the former Tire Sales and Service Building (west of the former filling station), and one suspect UST area is beneath the historical laundry/print shop building. The large filled area corresponds to the location of the historical Excelsior Steam Laundry and Printing Company building and extends to a depth approximating 2-4 feet below land surface (BLS).

A Geophysical Investigation Report, including the survey methodology, results, and scaled diagrams displaying the anomalies, is provided in **Attachment A**. Please refer to Figure 6 of the Geophysical Investigation Report to see the location of all of the documented anomalies.

Subsurface Investigation & Sampling Activities

Soil Boring Installation Activities

SCS Environmental Contracting, Inc. (SCS), under the supervision of IWM Consulting, installed ten soil borings (GP-1 through GP-1) at the Site between April 13 and 14, 2015.

All of the soil borings were advanced to a depth of 32 feet BLS, with the exception of soil boring GP-1, which was advanced to a depth of 36 feet BLS. The soil borings were installed utilizing a track-mounted Geoprobe® 6620DT direct push unit in order to evaluate the deeper subsurface soil conditions and to obtain one time groundwater samples by intersecting the top of the underlying shallow groundwater table. Continuous soil samples were obtained utilizing dual-tube methods

where a four-foot long acetate sleeve contained within a stainless steel casing is advanced to obtain the soil sample. The acetate sleeve containing the soil sample is then removed while the stainless steel casing remains in place. A new acetate sleeve is placed inside the casing for continued sampling and advancement of the borehole. All of the sampling intervals were field screened with a photo-ionization detector (PID) and the lithology of each soil boring was described.

The lithology at the Site generally consisted of 0.5 to 5.25 feet of sand and clay fill material, including black cinders, brick, concrete debris, and gravel/cobble, overlying brown sandy clays which extended to depths between 4 and 6 feet BLS. Underlying the clays was brown to grey-brown medium-coarse sands extending to 28 feet BLS. The observed groundwater table was encountered at 28 feet BLS and the water-bearing unit consisted of grey-brown to grey medium-coarse to gravelly sands to the base of the boreholes. PID readings ranged from 0.0 ppmv (various) to 0.4 ppmv (GP-8, 0 – 2 feet BLS). Soil boring logs have been included in **Attachment B**.

The soil boring locations are depicted by location on **Figure 2**.

Soil Sampling Activities

In accordance with the originally proposed scope of work, one shallow near surface (0-4 feet BLS) and one deeper (>4 feet BLS) confirmatory soil sample were obtained from each soil boring and submitted for laboratory analysis of VOCs using SW-846 Method 8260, low level poly-aromatic hydrocarbons (PAHs) using SW-846 Method 8270 SIM, RCRA-8 Metals (As, Ba, Cd, Cr, Pb, Hg, Se, and Ag) using the appropriate SW-846 Method, and percent moisture. The five (5) soil samples which exhibited the highest total chromium concentrations were also analyzed for hexavalent chromium using SW-846 Method 7196A. The volatile soil samples will be obtained in general accordance with EPA Sampling Method 5035. Specifically, the volatile soil samples were transferred from the sampling device into tarred, laboratory provided 40-mL vials using a dedicated Terra Core™ Sampler.

The shallower near surface soil samples were obtained in order to characterize the soil horizon which is anticipated to be excavated and removed during future Site development activities. The deeper soil samples were obtained from intervals that exhibited staining, the highest field screen reading, or from the interval immediately above the observed water table if no staining or elevated field screen readings are observed. No staining or elevated field screen readings were observed for the deeper soil samples and consequently, each deeper soil sample corresponds to the interval immediately above the observed water table (26-28 feet BLS).

One duplicate soil sample (GP-1, 0-4 feet) and one matrix spike/matrix spike duplicate (MS/MSD) soil (GP-2, 0-4) sample were also obtained as part of the Quality Assurance/Quality Control (QA/QC) procedures. All of the soil samples were submitted under chain-of-custody controls to Pace Analytical Services, Inc. (Pace) and analyzed using Level II QA/QC.

Groundwater Sampling Activities

Temporary, 1.0-inch diameter PVC wells with either 5-feet (GP-2 through GP-10) or 10-feet (GP-1) of 0.01 slot screen were installed in each location in order to obtain one-time groundwater samples from each borehole. The groundwater samples were obtained from the temporary sampling points using disposable, dedicated polyethylene tubing equipped with a stainless steel ball check valve that was decontaminated between each borehole.

All of the groundwater samples were submitted for laboratory analysis of VOCs using SW-846 Method 8260, low level PAHs using SW-846 Method 8270 SIM, RCRA-8 Metals, and hexavalent chromium. The metals were not filtered and were collected in a 250 mL plastic bottle with a HNO_3 preservative. One duplicate groundwater sample (GP-2) and one MS/MSD groundwater sample (GP-1) were also obtained as part of the QA/QC procedures. The one-time groundwater samples were submitted under chain-of-custody controls to Pace and analyzed using Level II QA/QC.

Once the groundwater samples were obtained, the temporary PVC sampling points were removed and the resulting borehole was filled with bentonite chips and sealed at the surface with similar surfacing material (asphalt).

Subsurface Investigation Analytical Results

Soil Analytical Results

All of the soil samples had VOC concentrations less than the corresponding laboratory detection limits.

All of the soil samples had PAH concentrations less than the laboratory detection limits or the most stringent Remediation Closure Guide (RCG) Screening Levels with the exception of the benzo(a)pyrene concentrations observed in the shallower soil samples (0-4 feet BLS) obtained from soil borings GP-1 and GP-3. The benzo(a)pyrene concentrations for GP-1 (0-4' BLS), the duplicate obtained from GP-1, and GP-3 (0-4 feet BLS) were 0.22 mg/kg, 0.41 mg/kg, and 1.0 mg/kg, respectively, which exceeds the corresponding RCG Residential Direct Contact Screening Level (RDCSL) of 0.21 mg/kg.

Fifteen (15) of the twenty-one (21) soil samples analyzed (including the duplicate soil sample) had arsenic concentrations equal to or in excess of the corresponding RCG Migration to Groundwater Screening Level (MTGWSL) of 5.9 mg/kg. Ten (10) of the soil samples were obtained from the shallower sampling interval (0-4 feet BLS) and five (5) of the samples were obtained from deeper sampling intervals (24-26 feet BLS). The reported concentrations equal to or exceeding the RCG Residential MTGWSL ranged between 5.9 mg/kg (GP-8, 0-4 feet) and 89 mg/kg (GP-4, 24-26 feet). All of the remaining soil samples had arsenic concentrations less than the most stringent RCG Screening Level.

Two (2) of the shallow soil samples (GP-3, 0-4 feet and GP-4, 0-4 feet) which exhibited arsenic concentrations in excess of the RCG Residential MTGWSL also exceeded the corresponding RCG RDCSL of 9.4 mg/kg. The arsenic concentrations observed in GP-3 and GP-4 was 9.9 mg/kg and 13.8 mg/kg, respectively.

Three (3) of the deeper soil samples (GP-3, 24-26 feet, GP-4, 24-26 feet, and GP-7, 24-26 feet) which exhibited arsenic concentrations in excess of the RCG Residential MTGWSL also exceeded the corresponding RCG RDCSL of 9.4 mg/kg. The arsenic concentrations observed in GP-3, GP-4, and GP-7 were 23.1 mg/kg, 89 mg/kg, and 11.1 mg/kg, respectively. The arsenic concentration observed in GP-4 also exceeded the corresponding RCG Commercial/Industrial Direct Contact Screening Level (IDCSL) of 30 mg/kg. This reported arsenic concentration is less than the corresponding RCG Excavation Direct Contact Screening Level of 920 mg/kg.

All of the remaining soil samples had RCRA-8 Metal concentrations less than the most stringent RCG Screening Level with the exception of the lead concentration observed in the shallow soil sample obtained from GP-5. The reported lead concentration in GP-5 (0-4 feet) was 675 mg/kg, which exceeded both the RCG Residential MTGWSL (270 mg/kg) and the RCG RDCSL (400 mg/kg). The five (5) soil samples submitted for laboratory analysis of hexavalent chromium had concentrations less than the corresponding laboratory detection limit. The laboratory detection limits ranged between 2.2 mg/kg and 2.3 mg/kg, which exceeds the RCG MTGWSL of 0.14 mg/kg, but is less than the RCG Residential DCSL of 4.2 mg/kg.

The soil analytical results are summarized in **Table 1.** The near surface soil analytical results are displayed by location on **Figure 3** and the deeper soil analytical results are displayed by location on **Figure 4**. The laboratory analytical report is included in **Attachment C**.

Groundwater Analytical Results

All of the groundwater samples had VOC and PAH concentrations less than the corresponding laboratory detection limits or the most stringent RCG Screening Level. In fact, the only VOC or PAH constituent detected above the laboratory detection limit was 1,1-dichloroethane (1,1 DCA), which was detected in GP-7 at a concentration of 6.2 μg/L. The RCG Residential Tap Groundwater Screening Level (GWSL) for 1,1 DCA is 27 μg/L.

All of the groundwater samples exhibited total RCRA 8 Metal concentrations in excess of the corresponding RCG Residential Tap GWSL. However, it is the opinion of IWM Consulting that the analytical results for the grab groundwater samples are biased high due to the propensity for high turbidity to be present in groundwater samples obtained from temporary sampling points. High turbidity in groundwater samples has been documented to bias metal concentrations high when compared to low turbidity samples obtained from properly constructed monitoring wells.

The groundwater analytical results are summarized in **Table 2** displayed by location on **Figure 5**. The laboratory analytical report is included in **Attachment C**.

Statistical Average Results

The arithmetic mean of three constituents, specifically arsenic, lead, and benzo(a)pyrene, found in the near surface soils (0-4 feet BLS) and deeper soil soils (24 -26 feet BLS) exceeding their respective RCG RDCSLs were compiled to determine if these concentrations pose an unacceptable risk given the expected future use of the property (hotel with partial underground parking garage extending to a depth not exceeding 4 feet BLS). Half of the laboratory reporting limit was utilized for non-detect concentrations during statistical averaging. Eleven (11) soil samples, including the duplicate soil sample were utilized for the near surface soil calculations and ten (10) soil samples were utilized for the deeper soil calculations. A summary of the statistical average results is included on **Table 3**.

The calculated arithmetic statistical average of arsenic concentrations in the near surface soil samples (0-4 feet BLS) was equal to 8.0 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) but is less than the RCG RDCSL (9.4 mg/kg). The calculated arithmetic statistical average of arsenic concentrations in the deeper soil samples (24-26 feet BLS) was equal to 16.11 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) and RCG RDCSL (9.4 mg/kg) but is less than the RCG

IDCSL (30 mg/kg). Since the deeper soil samples were obtained from depths greater than 10 feet BLS, the soil is not readily accessible and it is unlikely that any future construction workers or Site occupants will come into direct contact with the deeper soil.

The calculated arithmetic statistical average of the lead concentrations in the near surface soil (0-4 feet BLS) and the deeper soil samples (24-26 feet BLS) was equal to 112.1 mg/kg and 16.51 mg/kg, respectively. Both of these averages are less than the corresponding RCG Residential MTGWSL (270 mg/kg) and RCG RDCSL (400 mg/kg).

The calculated arithmetic statistical averages of the benzo(a)pyrene concentrations in the near surface soil (0-4 feet BLS) and the deeper soil samples (24-26 feet BLS) was equal to 0.174 mg/kg and 0.015 mg/kg, respectively. Both of these averages are less than the corresponding RCG RDCSL (0.21 mg/kg), RCG IDCSL (2.1 mg/kg), and the RCG Residential MTGWSL (4.7 mg/kg).

Conclusions

Based upon the results of the Phase II ESA activities, the following conclusions have been developed:

- The lithology beneath the Site generally consists of 0.5 to 5.25 feet of sand and clay fill material, including black cinders, brick, concrete debris, and gravel/cobble, overlying brown sandy clays which extended to depths between 4 and 6 feet BLS. Underlying the clays was brown to grey-brown medium-coarse sands extending to 28 feet BLS. The observed unconfined groundwater table was encountered at 28 feet BLS and the water-bearing unit consisted of grey-brown to grey medium-coarse to gravelly sands to the base of the boreholes. Although the site specific groundwater flow direction was not determined as part of this Phase II ESA, the groundwater in the area is documented to flow toward the southwest.

- Two (2) suspect UST locations were identified during the geophysical survey, along with several historical post footers, cisterns, and foundations. One suspect UST area is near the former Tire Sales and Service Building (west of the former filling station) and one suspect UST area is beneath the historical laundry/print shop building. If any USTs or cisterns are encountered during the future development activities, the USTs or cisterns should be emptied, cleaned, and removed in a manner consistent with industry standards. The remaining structures, and any other undocumented structures, may also need to be removed during development activities in order to facilitate the new hotel/parking garage.

- Additionally, it appears that a large area along the south side of the Site is occupied by a shallow basement/crawlspace. The basement/crawlspace appears to correspond to the location of the historical Excelsior Steam Laundry and Printing Company building and fill material is present within the basement/crawlspace and the fill material extends to a depth approximating 2-4 feet BLS.

- Arsenic was detected in all of the soil samples at concentrations ranging from 4.0 mg/kg to 89.0 mg/kg. With the exception of the 89 mg/kg observed in the deep sample obtained from GP-4, all of the remaining arsenic concentrations were less than the RCG IDCSL (30 mg/kg). Fifteen (15) of the twenty-one (21) soil samples analyzed (including the duplicate soil sample) had arsenic concentrations equal to or in excess of the corresponding RCG

MTGWSL value (5.9 mg/kg); however, native Indiana soils can often have naturally occurring arsenic concentrations that exceed the aforementioned screening level. Ten (10) of the soil samples were obtained from the shallower sampling interval (0-4 feet BLS) and five (5) of the samples were obtained from deeper sampling intervals (24-26 feet BLS).

- The calculated arithmetic statistical average of arsenic concentrations in the near surface soil samples (0-4 feet BLS) was equal to 8.0 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) but is less than the RCG RDCSL (9.4 mg/kg).

- The calculated arithmetic statistical average of arsenic concentrations in the deeper soil samples (24-26 feet BLS) was equal to 16.11 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) and RCG RDCSL (9.4 mg/kg) but is less than the RCG IDCSL (30 mg/kg). It should be noted that the deeper soil samples were obtained from depths greater than 10 feet BLS and thus it is unlikely that any future construction workers or Site occupants will come into contact with the soil.

- The calculated arithmetic statistical average of the lead and benzo(a)pyrene near surface soil samples and deeper soil samples were less than the corresponding RCG Residential MTGWSL and RCG RDCL.

- Based upon the fact that arsenic is a naturally occurring chemical and all other potential constituents of concern (VOCs, PAHs, and RCRA 8 Metals) have concentrations (either sample specific or the calculated arithmetic statistical average) less than the laboratory detection limits or most stringent RCG Screening Level, it is possible that any shallow soil disturbed during the future development activities could be considered Uncontaminated Soil, as outlined in the Indiana Department of Environmental Management (IDEM) Uncontaminated Soil Non-Rule Policy Document (Policy Number Waste-0064) effective April 10, 2015. However, given the large volume (estimated to be between 3,000 to 6,000 tons) of soil that may be excavated during the development activities, additional sampling of the shallow soil may be required before this determination is made.

- The groundwater beneath the Site VOC and PAH concentrations either less than the corresponding laboratory detection limits or the most stringent RCG Screening Levels. However, all of the groundwater samples had total RCRA 8 Metal concentrations in excess of the RCG Residential Tap GWSL.

- It is the opinion of IWM Consulting that the total metal concentrations in the groundwater samples are biased high due to the fact that the one-time groundwater samples were obtained from temporary sampling points. However, based upon the results obtained during this Phase II ESA, an Environmental Restrictive Covenant (ERC) may need to be placed on the Site prohibiting the installation and operation of an onsite water well for consumptive use. An alternative approach would be to obtain confirmation groundwater samples in areas adjacent to the three sampling points which exhibited the highest total metal concentrations (GP-3, GP-9, and GP-10). Paired groundwater samples can be obtained from each new sampling point and analyzed for both total and dissolved RCRA-8 Metals or low flow groundwater samples can be obtained from permanently installed monitoring wells, if they are installed in these areas.

Thank you for the opportunity to assist the City of Indianapolis with this project. If you have any questions regarding the information included with this submittal, please contact the undersigned at (317) 347-1111.

Sincerely,

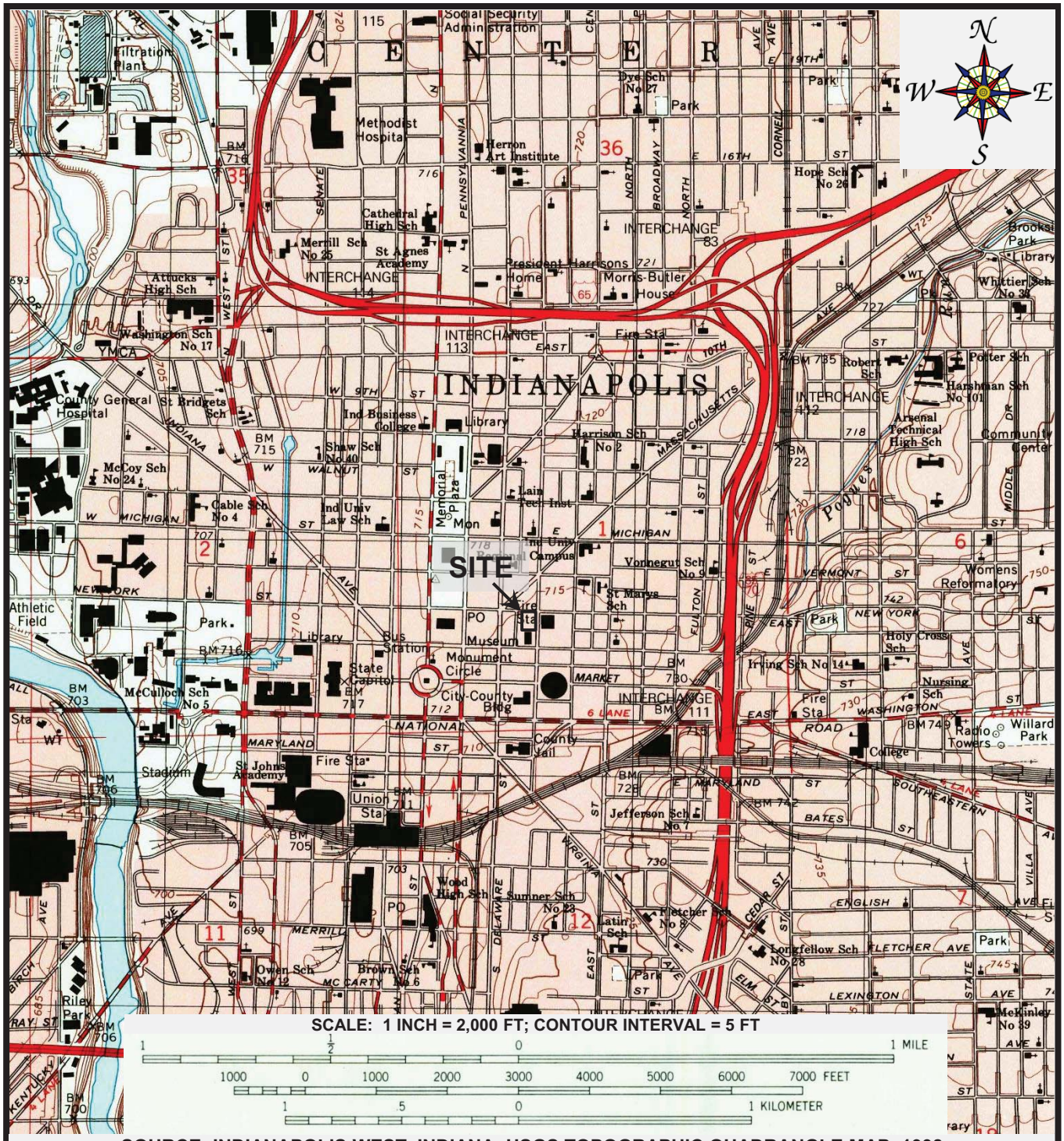
IWM CONSULTING GROUP, LLC

Christopher Newell, LPG #2397
Project Geologist

Bradley E. Gentry, LPG #2165
Vice President/Brownfield Coordinator

cc: Andrea Robertson Habeck, Indiana Brownfield Program

FIGURES



SOURCE: INDIANAPOLIS WEST, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, 1998

iWM CONSULTING GROUP

7428 Rockville Road, Indianapolis, Indiana 46214
(317) 347-1111 Fax: (317) 347-9326

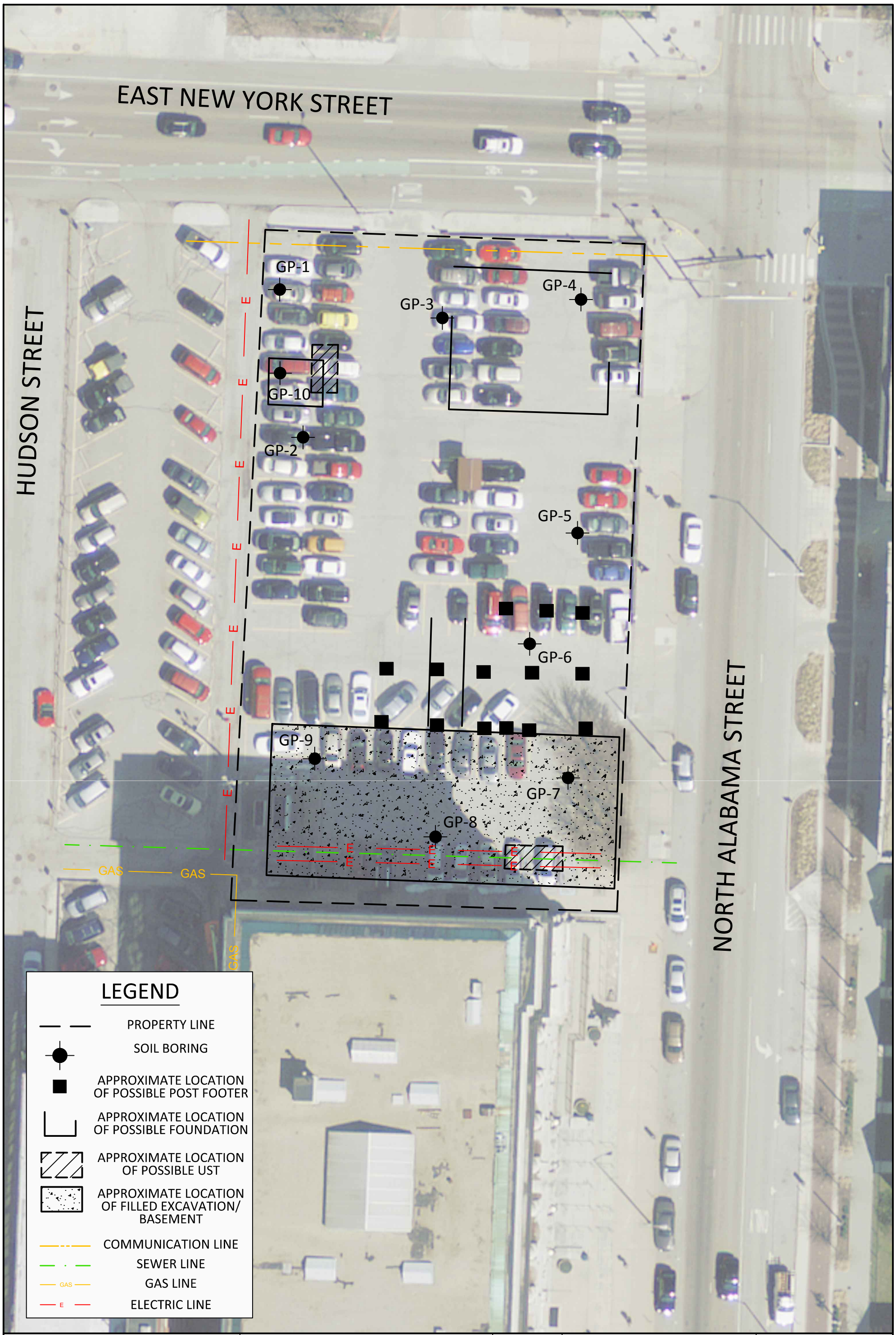
Project	Task	Size	Date
IN15010	01	A	2/9/2015

FIGURE 1

Site Location Map
Alabama Street Parking Lot
222 North Alabama Street
Indianapolis, Indiana

CLIENT

THE CITY OF INDIANAPOLIS
INDIANAPOLIS, INDIANA



N

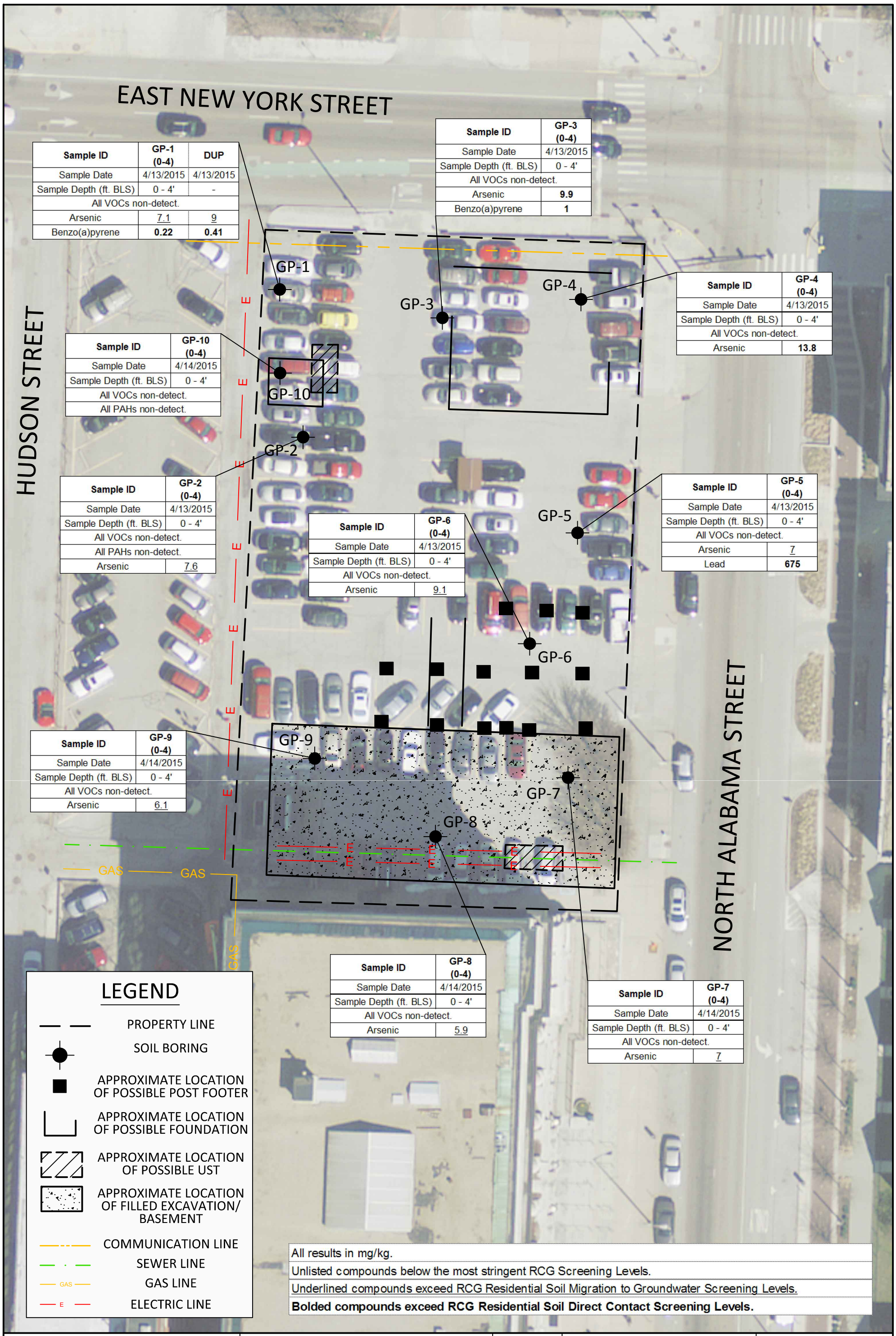
FIGURE 2

SITE MAP

DRAWN BY:	C. NEWELL
DATE:	05/19/2015
REVISED:	
IN15010	
DWG #Site Map	

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

iWM CONSULTING GROUP



Sample ID	GP-1 (0-4)	DUP
Sample Date	4/13/2015	4/13/2015
Sample Depth (ft. BLS)	0 - 4'	-
All VOCs non-detect.		
Arsenic	7.1	9
Benzo(a)pyrene	**0.22**	**0.41**

Sample ID	GP-3 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	**9.9**
Benzo(a)pyrene	**1**

Sample ID	GP-4 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	**13.8**

Sample ID	GP-10 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-2 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	7.6

Sample ID	GP-6 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	9.1

Sample ID	GP-5 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	7
Lead	**675**

Sample ID	GP-9 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	6.1

Sample ID	GP-8 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	5.9

Sample ID	GP-7 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	7

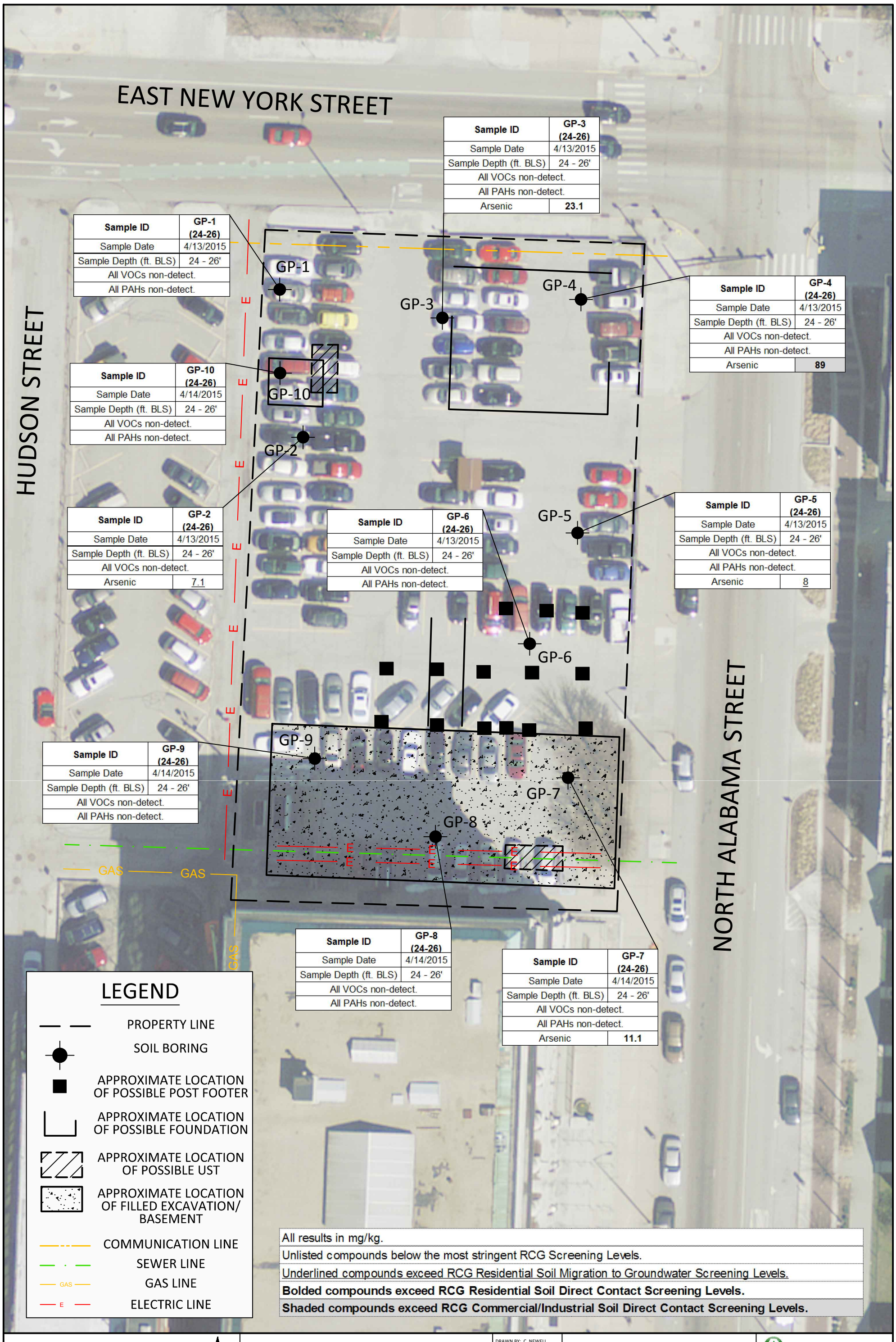
FIGURE 3

NEAR SURFACE SOIL ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

iWM CONSULTING GROUP



Sample ID	GP-1 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-2 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
Arsenic	7.1

Sample ID	GP-3 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**23.1**

Sample ID	GP-4 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**89**

Sample ID	GP-5 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	8

Sample ID	GP-6 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-7 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**11.1**

Sample ID	GP-8 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-9 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-10 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

All results in mg/kg.
Unlisted compounds below the most stringent RCG Screening Levels.
Underlined compounds exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded compounds exceed RCG Residential Soil Direct Contact Screening Levels.
Shaded compounds exceed RCG Commercial/Industrial Soil Direct Contact Screening Levels.

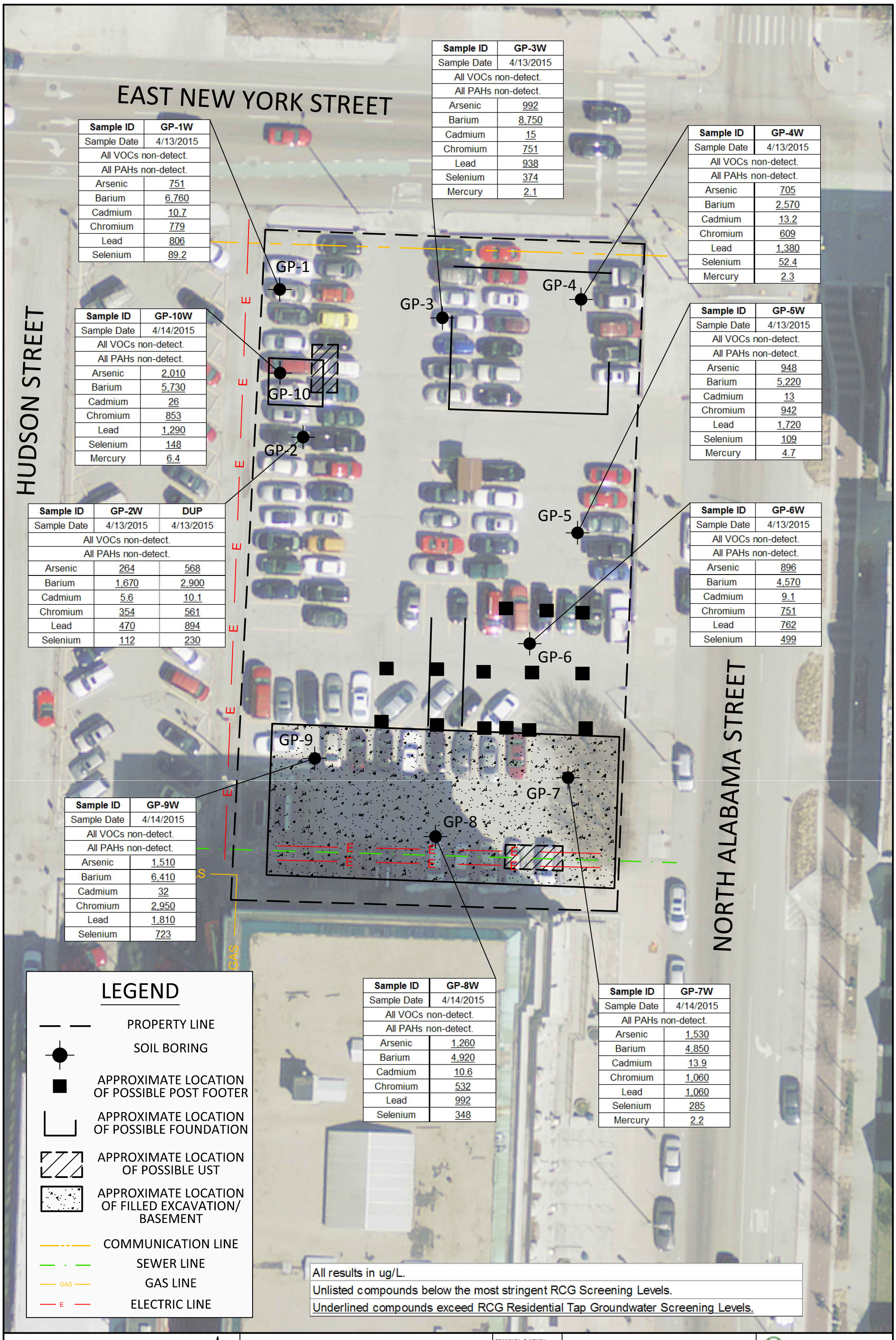
FIGURE 4

DEEP SOIL ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

IWM CONSULTING GROUP



Sample ID	GP-1W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	751
Barium	6,760
Cadmium	10.7
Chromium	779
Lead	806
Selenium	89.2

Sample ID	GP-3W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	992
Barium	8,750
Cadmium	15
Chromium	751
Lead	938
Selenium	374
Mercury	2.1

Sample ID	GP-4W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	705
Barium	2,570
Cadmium	13.2
Chromium	609
Lead	1,380
Selenium	52.4
Mercury	2.3

Sample ID	GP-10W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	2,010
Barium	5,730
Cadmium	26
Chromium	853
Lead	1,290
Selenium	148
Mercury	6.4

Sample ID	GP-5W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	948
Barium	5,220
Cadmium	13
Chromium	942
Lead	1,720
Selenium	109
Mercury	4.7

Sample ID	GP-2W	DUP
Sample Date	4/13/2015	4/13/2015
All VOCs non-detect.		
All PAHs non-detect.		
Arsenic	264	568
Barium	1,670	2,900
Cadmium	5.6	10.1
Chromium	354	561
Lead	470	894
Selenium	112	230

Sample ID	GP-6W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	896
Barium	4,570
Cadmium	9.1
Chromium	751
Lead	762
Selenium	499

Sample ID	GP-9W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	1,510
Barium	6,410
Cadmium	32
Chromium	2,950
Lead	1,810
Selenium	723

Sample ID	GP-8W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	1,260
Barium	4,920
Cadmium	10.6
Chromium	532
Lead	992
Selenium	348

Sample ID	GP-7W
Sample Date	4/14/2015
All PAHs non-detect.	
Arsenic	1,530
Barium	4,850
Cadmium	13.9
Chromium	1,060
Lead	1,060
Selenium	285
Mercury	2.2

All results in ug/L.
Unlisted compounds below the most stringent RCG Screening Levels.
Underlined compounds exceed RCG Residential Tap Groundwater Screening Levels.

FIGURE 5

GROUNDWATER ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

IWM CONSULTING GROUP

TABLES

Table 1
Soil Analytical Results
222 North Alabama Street
Indianapolis, Indiana

Sample ID	GP-1 (0-4)	DUP	GP-1 (24-26)	GP-2 (0-4)	GP-2 (24-26)	GP-3 (0-4)	GP-3 (24-26)	GP-4 (0-4)	GP-4 (24-26)	GP-5 (0-4)	GP-5 (24-26)	GP-6 (0-4)	GP-6 (24-26)	GP-7 (0-4)	GP-7 (24-26)	GP-8 (0-4)	GP-8 (24-26)	GP-9 (0-4)	GP-9 (24-26)	GP-10 (0-4)	GP-10 (24-26)	RCG Residential Soil Migration to Groundwater Screening Levels	RCG Residential Soil Direct Contact Screening Levels	RCG Commercial / Industrial Soil Direct Contact Screening Levels
Sample Date	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015			
Sample Depth (ft. BLS)	0 - 4'	-	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'			
PID (ppmv)	0.3	-	0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0	0.1	0.1	0.2	0.4	0.3	0.3	0.3	0.2	0.3			
VOCs																								
All VOCs Non-Detect																						NA	NA	NA
RCRA-8 Metals																								
Arsenic	7.1	9	4.1	7.6	7.1	**9.9**	**23.1**	**13.8**	**89**	7	8	9.1	4	7	**11.1**	5.9	4.8	6.1	5.4	5.4	4.5	5.9	**9.4**	**30**
Barium	207	138	10.7	69.0	47.3	140	19.8	40.1	94.5	194	14.6	86.3	7.4	45.1	27.1	13.4	12	14.8	7.4	68.1	9.1	1,700	**21,000**	**100,000**
Cadmium	<0.51	<0.52	<0.45	<0.51	0.74	0.60	<0.44	0.63	0.6	<0.5	<0.42	<0.52	<0.47	<0.49	<0.48	<0.52	<0.46	<0.43	<0.46	<0.54	<0.44	7.5	**98**	**980**
Chromium	10.5	11.8	3.7	13.1	14.4	10.6	5.8	6.8	3.8	8.5	4.3	11.1	4.1	9.6	6.4	3.8	4.8	5	3.6	9.5	4.3	1,000,000	**NE**	**NE**
Hexavalent Chromium	<2.3	NA	NA	<2.3	<2.2	<2.3	NA	NA	NA	NA	NA	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	**4.2**	**63**
Lead	92.5	92.6	3.9	8.6	131	242	4	76.2	6.5	**675**	2.9	21	2.3	6.1	3.9	3.8	3.2	4.5	3.8	10.8	3.6	270	**400**	**800**
Mercury	0.37	0.47	<0.19	<0.24	<0.21	0.59	<0.2	0.25	<0.21	1.5	<0.21	<0.23	<0.22	<0.21	<0.2	<0.23	<0.2	<0.2	<0.2	<0.25	<0.21	2.1	**3.1**	**3.1**
PAHs																								
Acenaphthene	<0.0058	0.014	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	<0.028	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	110	**4,900**	**45,000**
Acenaphthylene	0.044	0.11	<0.0051	<0.0057	<0.056	0.14	<0.0052	<0.054	<0.0052	<0.028	<0.0052	0.0099	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Anthracene	0.062	0.13	<0.0051	<0.0057	0.062	0.22	<0.0052	0.13	<0.0052	<0.028	<0.0052	0.014	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	1,200	**24,000**	**100,000**
Benzo(a)anthracene	0.24	0.4	<0.0051	<0.0057	0.14	0.88	<0.0052	0.18	<0.0052	0.056	<0.0052	0.033	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.01	<0.0051	<0.006	<0.0053	2.4	**2.1**	**29**
Benzo(a)pyrene	**0.22**	**0.41**	<0.0051	<0.0057	0.13	**1**	<0.0052	0.13	<0.0052	0.066	<0.0052	0.035	<0.0053	0.032	<0.0052	<0.0052	<0.0051	0.0098	<0.0051	<0.006	<0.0053	4.7	**0.21**	**2.9**
Benzo(b)fluoranthene	0.2	0.39	<0.0051	<0.0057	0.15	1	<0.0052	0.24	<0.0052	0.11	<0.0052	0.043	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.011	<0.0051	<0.006	<0.0053	8.2	**2.1**	**29**
Benzo(g,h,i)perylene	0.11	0.24	<0.0051	<0.0057	0.096	0.67	<0.0052	0.11	<0.0052	0.066	<0.0052	0.02	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0097	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Benzo(k)fluoranthene	0.21	0.4	<0.0051	<0.0057	0.14	0.97	<0.0052	0.2	<0.0052	0.083	<0.0052	0.039	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0089	<0.0051	<0.006	<0.0053	80	**21**	**290**
Chrysene	0.23	0.43	<0.0051	<0.0057	0.15	0.9	<0.0052	0.27	<0.0052	0.099	<0.0052	0.034	<0.0053	0.033	<0.0052	0.0068	<0.0051	0.017	<0.0051	<0.006	<0.0053	250	**210**	**2,900**
Dibenz(a,h)anthracene	0.073	0.14	<0.0051	<0.0057	<0.056	0.32	<0.0052	<0.054	<0.0052	<0.028	<0.0052	0.011	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	2.6	**0.21**	**2.9**
Fluoranthene	0.41	0.85	<0.0051	<0.0057	0.42	1.8	<0.0052	0.8	<0.0052	0.18	<0.0052	0.045	<0.0053	0.031	<0.0052	0.0064	<0.0051	0.024	<0.0051	<0.006	<0.0053	1,800	**3,200**	**30,000**
Fluorene	0.0072	0.06	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.0054	<0.0052	<0.028	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	110	**3,200**	**30,000**
Indeno(1,2,3-cd)pyrene	0.12	0.24	<0.0051	<0.0057	0.092	0.64	<0.0052	0.1	<0.0052	0.059	<0.0052	0.021	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0064	<0.0051	<0.006	<0.0053	47	**2.1**	**29**
1-Methylnaphthalene	0.0063	0.044	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.035	<0.0052	<0.0059	<0.0053	0.036	<0.0052	<0.0052	<0.0051	0.0062	<0.0051	<0.006	<0.0053	1.2	**240**	**730**
2-Methylnaphthalene	0.0096	0.042	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.043	<0.0052	<0.0059	<0.0053	0.044	<0.0052	<0.0052	<0.0051	0.0074	<0.0051	<0.006	<0.0053	3.7	**320**	**3,000**
Naphthalene	0.03	0.075	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.035	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	0.11	**53**	**170**
Phenanthrene	0.21	0.7	<0.0051	<0.0057	0.40	0.89	<0.0052	0.95	<0.0052	0.14	<0.0052	0.017	<0.0053	0.033	<0.0052	0.0071	<0.0051	0.018	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Pyrene	0.33	0.67	<0.0051	<0.0057	0.31	1.6	<0.0052	0.54	<0.0052	0.13	<0.0052	0.039	<0.0053	0.035	<0.0052	0.0059	<0.0051	0.021	<0.0051	<0.006	<0.0053	260	**2,400**	**23,000**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in mg/kg.
RCRA-8 Metals analyzed using SW846 Method 6010
Mercury analyzed using SW846 Method 7471
PAHs analyzed using SW846 Method 8270
VOCs analyzed using SW846 Method 8260; including lead scavengers
Hexavalent chromium analyzed using SW846 Method 7196A.
BLS: Below Land Surface
ppmv: parts per million vapor

NA: Not applicable
NE: Not established
Unlisted compounds below laboratory detection limits for all samples.
Underlined concentrations exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded concentrations exceed RCG Residential Soil Direct Contact Screening Levels.
Shaded concentrations exceed RCG Commercial/Industrial Soil Direct Contact Screening Levels.

Table 2
Groundwater Analytical Results
222 North Alabama Street
Indianapolis, Indiana

Sample ID	GP-1W	GP-2W	DUP	GP-3W	GP-4W	GP-5W	GP-6W	GP-7W	GP-8W	GP-9W	GP-10W	RCG Residential Tap Groundwater Screening Levels	RCG Residential Vapor Exposure Groundwater Screening Levels	RCG Commercial / Industrial Vapor Exposure Groundwater Screening Levels
Sample Date	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015			
VOCs														
1,1-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	6.2	<5	<5	<5	27	**130**	**550**
PAHs														
All PAHs Non-Detect												NA	**NA**	**NA**
RCRA-8 Metals														
Arsenic	751	264	568	992	705	948	896	1,530	1,260	1,510	2,010	10	**NE**	**NE**
Barium	6,760	1,670	2,900	8,750	2,570	5,220	4,570	4,850	4,920	6,410	5,730	2,000	**NE**	**NE**
Cadmium	10.7	5.6	10.1	15	13.2	13	9.1	13.9	10.6	32	26	5	**NE**	**NE**
Chromium	779	354	561	751	609	942	751	1,060	532	2,950	853	100	**NE**	**NE**
Hexavalent Chromium	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.35	**NE**	**NE**
Lead	806	470	894	938	1,380	1,720	762	1,060	992	1,810	1,290	15	**NE**	**NE**
Selenium	89.2	112	230	374	52.4	109	499	285	348	723	148	50	**NE**	**NE**
Mercury	<2	<2	<2	2.1	2.3	4.7	<2	2.2	<2	<2	6.4	2	**NE**	**NE**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in ug/L.
Metals analyzed using SW846 Method 6010
PAHs analyzed using SW846 Method 8270
VOCs analyzed using SW846 Method 8260
Unlisted compounds below laboratory detection limits for all samples.
Underlined concentrations exceed RCG Residential Tap Groundwater Screening Levels.
Bolded concentrations exceed RCG Residential Vapor Exposure Groundwater Screening Levels.
Shaded concentrations exceed RCG Commercial/Industrial Vapor Exposure Groundwater Screening Levels.

NA: Not applicable
NE: Not established
ND: Non-detect.
* Denotes that the analytical result is based on the Method Detection Limit (MDL) rather than the Report Limit (RL).

Table 3
Statistical Average Soil Analytical Results - Near-Surface & Deep Soil Samples
222 North Alabama Street
Indianapolis, Indiana

Sample ID	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)	Benzo (a) pyrene (mg/kg)
Near Surface Soil Samples (0-4 feet BLS)				
GP-1	4/13/2015	7.1	92.5	**0.22**
GP-1 (Duplicate)	4/13/2015	9.0	92.6	**0.41**
GP-2	4/13/2015	7.6	8.6	<0.0057
GP-3	4/13/2015	**9.9**	242	**1**
GP-4	4/13/2015	**13.8**	76.2	0.13
GP-5	4/13/2015	7.0	**675**	0.066
GP-6	4/13/2015	9.1	21	0.035
GP-7	4/14/2015	7.0	6.1	0.032
GP-8	4/14/2015	5.9	3.8	<0.0052
GP-9	4/14/2015	6.1	4.5	0.0098
GP-10	4/14/2015	5.4	10.8	<0.006
ARITHMETIC STATISTICAL AVERAGE		8.0	112.1	0.174
Deep Soil Samples (24-26 feet BLS)				
GP-1	4/13/2015	4.1	3.9	<0.0051
GP-2	4/13/2015	7.1	131	0.13
GP-3	4/13/2015	**23.1**	4.0	<0.0052
GP-4	4/13/2015	**89.0**	6.5	<0.0052
GP-5	4/13/2015	8.0	2.9	<0.0052
GP-6	4/13/2015	4.0	2.3	<0.0053
GP-7	4/14/2015	**11.1**	3.9	<0.0052
GP-8	4/14/2015	4.8	3.2	<0.0051
GP-9	4/14/2015	5.4	3.8	<0.0051
GP-10	4/14/2015	4.5	3.6	<0.0053
ARITHMETIC STATISTICAL AVERAGE		**16.11**	16.51	0.015
RCG Residential Migration to Groundwater Screening Levels (mg/kg)		5.9	270	4.7
RCG Residential Soil Direct Contact Screening Levels (mg/kg)		**9.4**	**400**	**0.21**
RCG Commercial / Industrial Soil Direct Contact Screening Levels (mg/kg)		**30**	**800**	**2.1**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in mg/kg.
Underlined compounds exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded compounds exceed RCG Residential Soil Direct Contact Screening Levels
Shaded compounds exceed RCG Commercial / Industrial Soil Direct Contact Screening Levels
PAHs were analyzed using SW846 Method 8270
Metals analyzed using SW846 Method 6010
N/A: Not applicable.
Half the laboratory detection limit for non-detect compounds utilized when calculating averages.

ATTACHMENT A

Geophysical Investigation Report

Prism GeoImaging

11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

April 7, 2015

Bradley E. Gentry, LPG
Vice President/Brownfield Coordinator
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

Re: Geophysical Investigation Report
Southwest Corner, Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009

Dear Mr. Gentry,

Prism GeoImaging, Inc. (*Prism*) is pleased to present IWM Consulting (IWM) with this letter report documenting the geophysical investigation at the above-referenced project site (the "Site").

Introduction

Based on discussions with IWM prior to the geophysical survey, it was my understanding that as part of an ongoing environmental investigation, you would like to have documented the location of any underground structures which may exist at the site, including UST(s), footers, foundations, basements, cisterns, piping, etc. To this end, Prism conducted a geophysical investigation to identify potential such features.

Methods

Given the wide variety of targets for this investigation, Prism utilized three complimentary geophysical methods: electromagnetic metal detection, electromagnetic conductivity mapping, and three-dimensional ground penetrating radar. For all three methods, data were collected according to an arbitrary grid established at the Site. The grid extends 132 feet west and 224 feet south, with the zero lines established 4 feet south and 4 feet west of the sidewalk edges (in order to provide clearance for the guardrails bordering the northern and eastern edges of the Site). Grid markings are painted with pink fluorescent spray paint.

Electromagnetic Metal Detection

Time-domain electromagnetic high-resolution metal detection mapping (EMD) data were collected with an EM61-MK2 metal detector manufactured by Geonics Ltd. The EM61-MK2 is a high-sensitivity, high-resolution, time-domain electromagnetic metal detector. It consists of two vertically separated 1-meter by 0.5-meter coaxial coils mounted to a wheel assembly. The instrument operator pulls the coil assembly along a line of profile while data is collected nearly continuously. The EM61-MK2 is designed

to take readings from the bottom coil (designated as channel three) and an additional reading from the top coil. The top and bottom coil readings are then subtracted to selectively filter out the effect from near-surface metal objects (designated as channel difference calculation). The channel three reading is considered to be a measure of all metal both shallow and deep within the detection limits of the instrument, while the channel difference calculation is a measure of predominantly deeper metal only. EMD data were collected along north-south transects spaced 4 feet apart, except for one section near the northwest corner where a vehicle was parked during data collection (see Figure 1a for grid layout and EMD data coverage).

Electromagnetic Conductivity Mapping

Electrical conductivity is one of the most widely varying physical properties of natural materials. Certain minerals, such as native metals and graphite, conduct electricity via the passage of electrons; however, electronic conduction is generally very rare in the subsurface. Most minerals and rocks are insulators, and electrical current preferentially travels through the water-filled pores in soils and rocks by the passage of the free ions in pore waters (i.e., ionic conduction). It thus follows that degree of saturation, interconnected porosity, and water chemistry (i.e., total dissolved solids) are the major controlling variables of the conductivity of soils and rocks. In general, electrical conductivity directly varies with changes in these parameters. Fine-grained sediments, particularly clay-rich sediments, are excellent conductors of electricity, often much better than fresh water found in the pores of sand and gravel.

Conductivity geophysical surveys are often used for locating and mapping the extent of buried waste, fill material, and landfilled areas by providing indications of soil type based on the electrical conductivity. Typically, coarse materials (sand, gravel, non-reinforced concrete rubble, etc.) are the least conductive, whereas silt, clay, ash, cinders, wood, paper and other fine grained, moist materials are conductive to the highest degree of non-metallic materials. There is no unique direct conversion from conductivity values to lithology. However, based on site knowledge, geometric shapes and relationships of various anomalies, and the observed ranges of resistivity values, reasonable geologic interpretations can be made.

Electromagnetic induction conductivity instruments require no direct ground contact and therefore are well-suited to rapid scanning of very large areas, although affording limited information on the vertical distribution of anomalies. The instrument used for this work is an EM31, an industry-standard electromagnetic conductivity meter manufactured by Geonics Ltd. The EM31 operates by inducing electrical current flow in the subsurface by generating an electromagnetic field through a transmitter coil; a receiver coil at the other end of the instrument is used to measure the resulting subsurface current flow. The instrument then converts the transmitter output and receiver input values into apparent conductivity and magnetic susceptibility measurements. EM31 data were collected along north-south transects spaced 4 feet apart (see Figure 1b for grid layout and EM31 data coverage).

3D Ground Penetrating Radar

Ground penetrating radar (GPR) data are typically collected along lines of profile, providing 2D cross sectional output. 3D GPR is a very high resolution method of subsurface characterization whereby a series of closely spaced 2D GPR profiles are composited together into a 3D dataset using specialized software. The 3D GPR dataset can then be analyzed and interpreted in three dimensions, which is ideal for identifying subtle reflections such as would be caused by non-metallic pipes, former utility trenches, and areas of disturbed soil. GPR works on a reflection principle, whereby a narrow band radar pulse of short duration is emitted downward into the ground by a transmitting antenna. A receiving antenna is used to record radar waves that are moving upward after being reflected from the boundaries between materials that have contrasting electrical conductivities and dielectric constants. The deeper an object is, the later in time the reflection will appear. Using knowledge of the velocity of radar waves in soil, the GPR profile can be presented in terms of depth. The penetration depth of GPR is highly dependent on soil type. Clays and moist silty soils will disperse the radar signal and prevent it from penetrating into the subsurface. Thus clayey soils block GPR and effectively limit the depth of exploration.

GPR data were collected along profiles spaced 2 feet apart, except for three areas where vehicles were parked during the data collection activities (see Figure 1c for grid layout and GPR data coverage). The GPR system that was used is a cart-mounted 250 Mhz Noggin Plus GPR system manufactured by Sensors and Software Inc.

Data Processing

The EM61-MK2 data were processed with *Surfer v12* to create a channel three map (see Figures 2a and 2b) and a channel difference map (see Figures 3a and 3b). The channel three map shows all buried metal within the detection limits of the instrument; the channel difference map shows predominantly deeper metal only.

The EM31 data were processed with *Surver v12* to create an apparent conductivity map (see Figures 4a and 4b). This map shows variations in the degree to which the subsurface materials conduct an electrical current, this map is largely dominated by outlier readings from cultural (i.e. manmade) features.

The GPR data were composited and analyzed using *EKKO_Mapper 4* authored by Sensors and Software Inc. The 3D dataset was 'sliced' to create maps of various horizontal depth intervals. The GPR slice maps identified many of the features are noted on the EM61-MK2 and EM31 maps and so are not included in this report, however the estimated depth interval of 1.3-1.6 feet is presented as Figure 5 as it shows a large anomaly in the southern portion of the Site.

Results and Interpretations

The EM61 channel three map (Figure 2a) shows a large number of metallic anomalies, which is common for urban properties. The smaller anomalies on this map are unlikely to be of concern at this Site,

anomalies of potential interest are denoted on Figure 2b. Many of the anomalies on the channel three map are filtered out by the differencing calculation and so do not appear on the EM61 channel difference map (Figure 3a), the anomalies that remain on the channel difference map are generally speaking the deepest and most extensive (see Figure 3b). A rectangular anomaly in the northeast quadrant of the property is evident in the GPR data as a reinforced concrete slab; two remaining rectangular anomalies, although they are not "textbook" UST anomalies, are interpreted as possible USTs. There are three additional unknown deeper metal anomalies, these are consistent with cisterns (or any of a variety of other metallic structures/features).

The EM31 map (Figure 4a) shows several features already identified on the EM61 map. Additionally there are two linear anomalies that are interpreted as possible utilities (see Figure 4b).

The GPR slice maps showed many of the same features as noted on the EM61 and EM31 maps and so are not included in this report, however the GPR data additionally show a possible filled excavation or basement. This feature appears well on the approximate depth interval of 1.3-1.6 feet (see Figure 5) as a rectangular area of few reflective features. The bottom of this feature is relatively uneven, but is generally seen to a depth of 2-4 feet. The cooling tower and dumpster at the southwest corner of the property did not allow for data to be collected here, however the filled excavation/basement anomaly is presumed to extend into this area.

The results and interpretations of this geophysical investigation are summarized on Figure 6. If you would like further characterization of any of these anomalies I recommend soil borings and/or test pit excavations.

Limitations

This geophysical survey was intended primarily to locate steel UST(s), footers, foundations, basements, cisterns, piping, etc. Features of potential environmental interest may have gone undetected or uninterpreted by this survey. Areas obscured by features such as buildings or other structures, vehicles, waste storage containers, either physically or electromagnetically, or areas that are specifically covered with reinforced concrete, may conceal additional objects of interest that are unknown at this time.

The enclosed maps are considered to be of sufficient accuracy and precision to provide you with positional data for further investigation activities. However the Site features presented on the base maps are for informational purposes only and no representation is made as to the accuracy or completeness of this information. The enclosed maps, while they may indicate locations of utilities, are not to be taken as a map of utility locations and are not a substitute for a private utility locate.

11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Closing

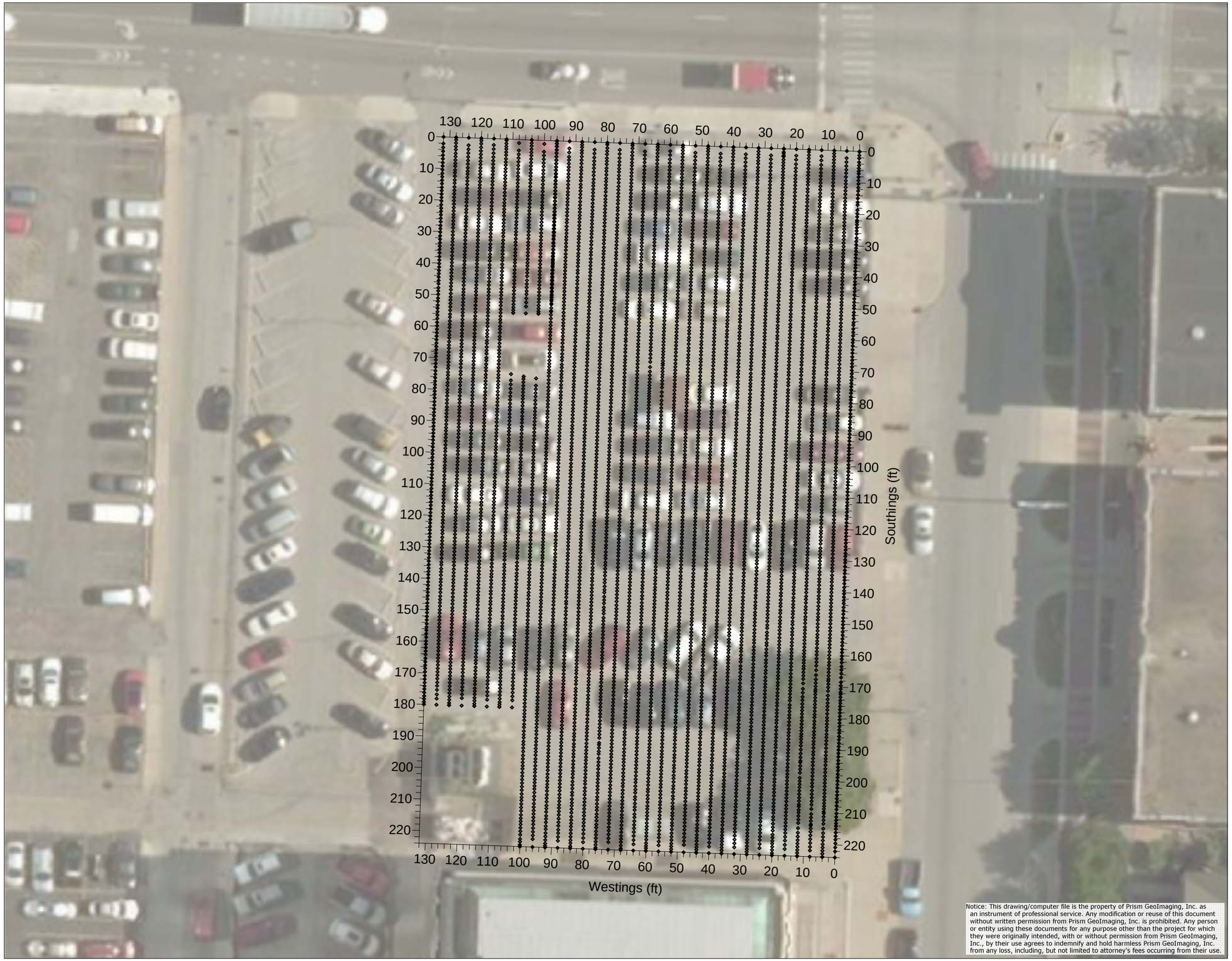
Prism GeoImaging, Inc. appreciates the opportunity to provide IWM with this geophysical survey, and I look forward to working with you on future projects. If you should have any questions regarding this project, please do not hesitate to contact me.

Sincerely,

Prism GeoImaging, Inc.

John Vanderlaan, LPG, PG
President / Geophysicist

attachments



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

EM61 Data Point Locations

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

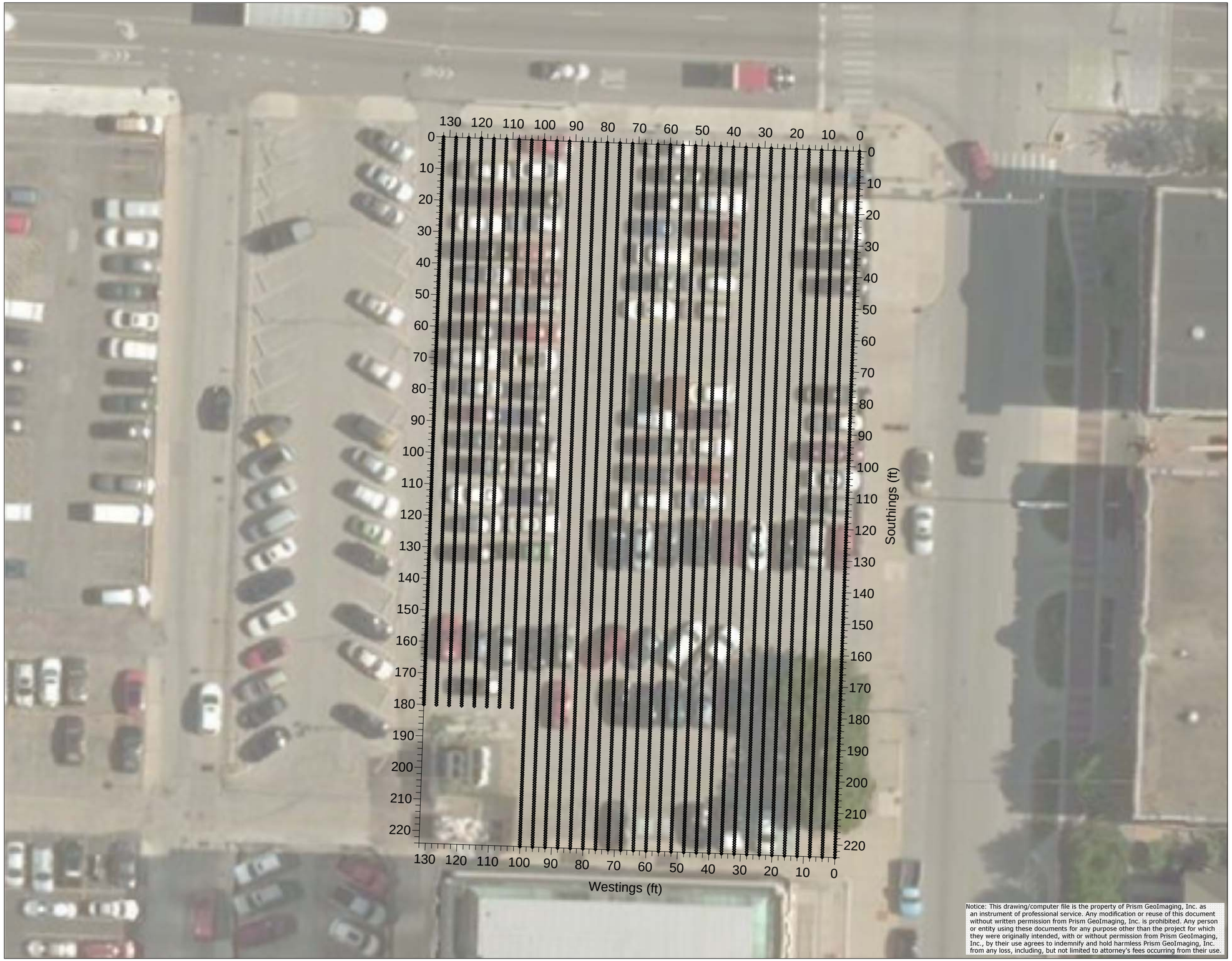
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1a

Site Layout And EM61 Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

EM31 Data Point Locations

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

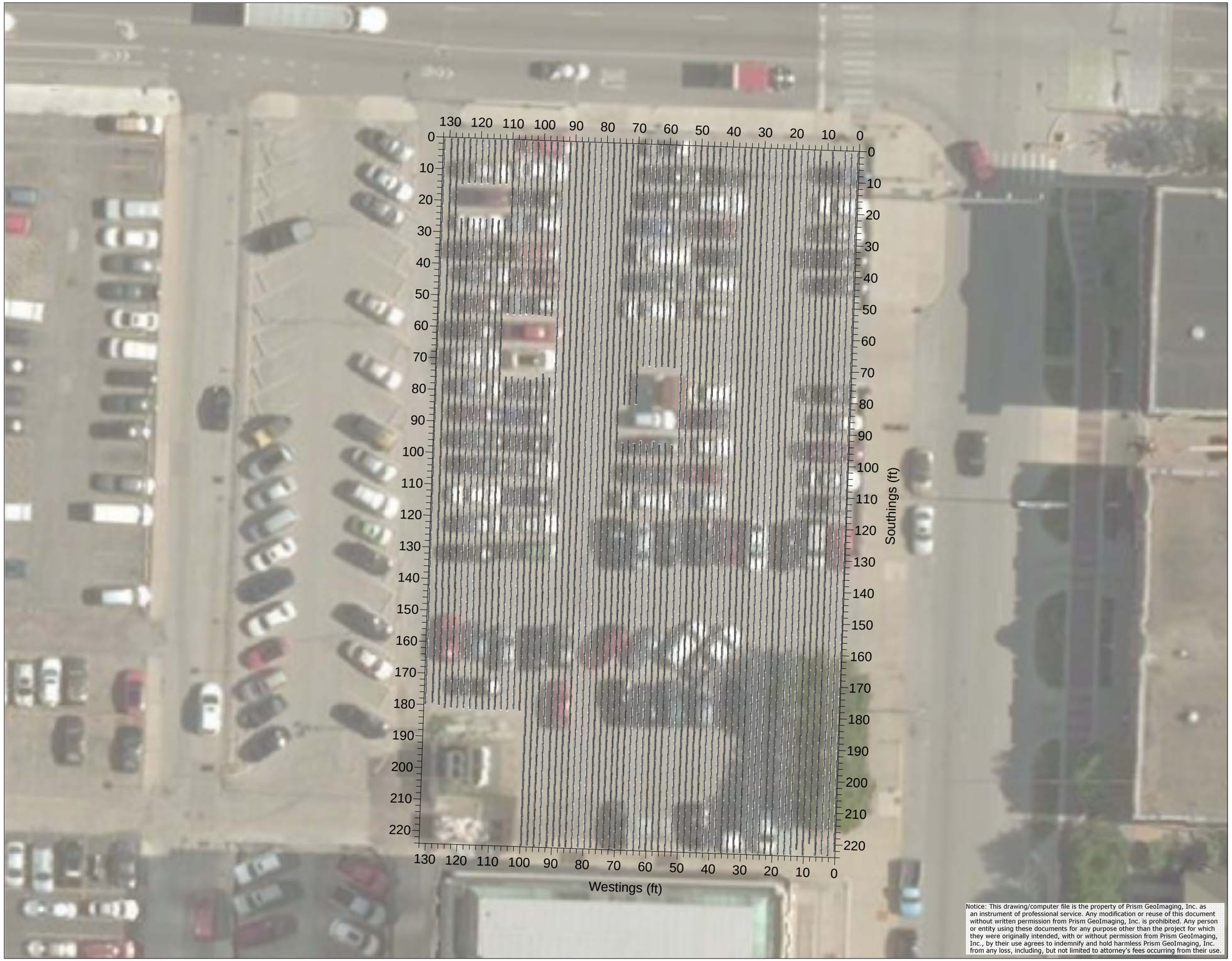
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1b

Site Layout And EM31 Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

GPR Line Location

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

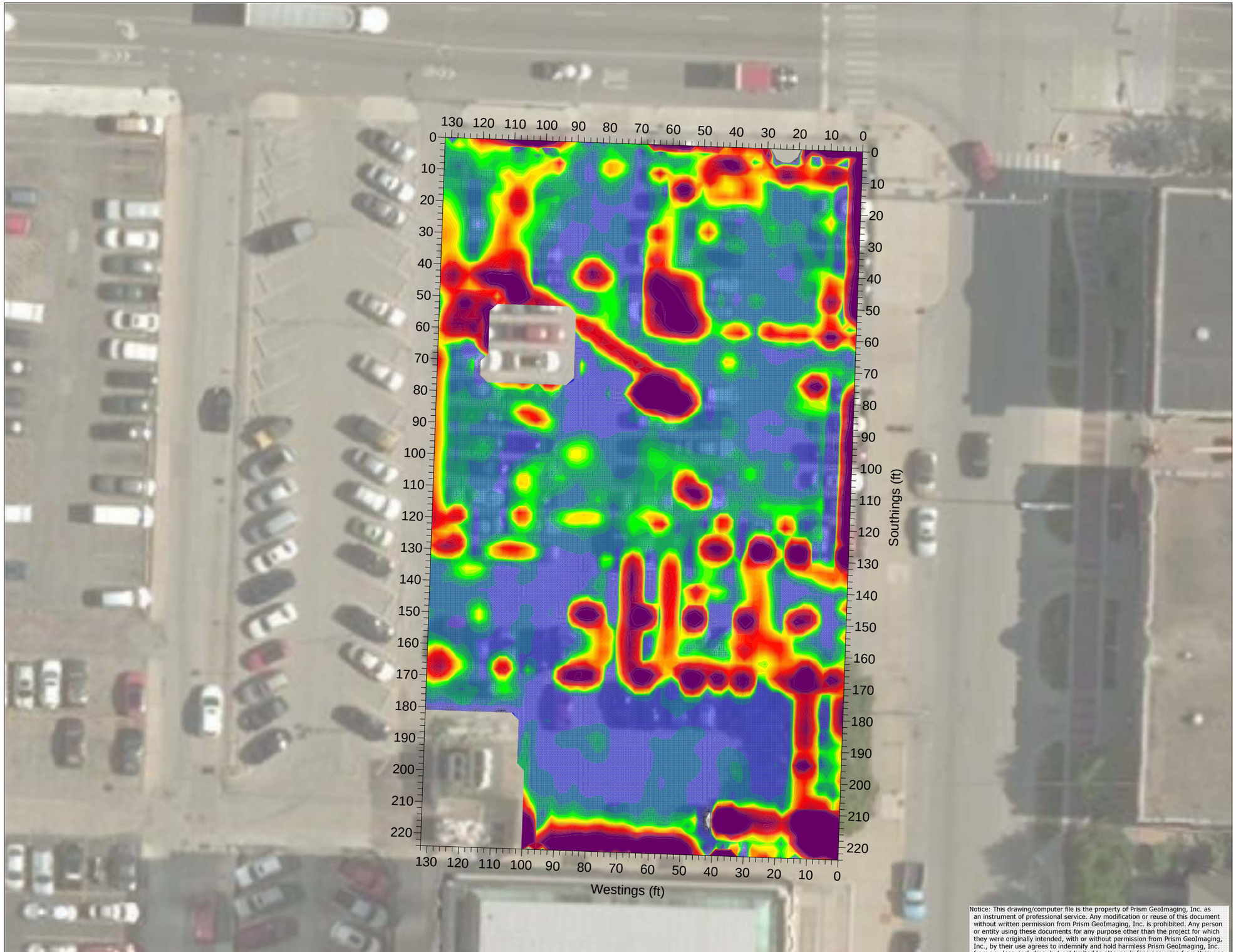
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1c

Site Layout And GPR Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

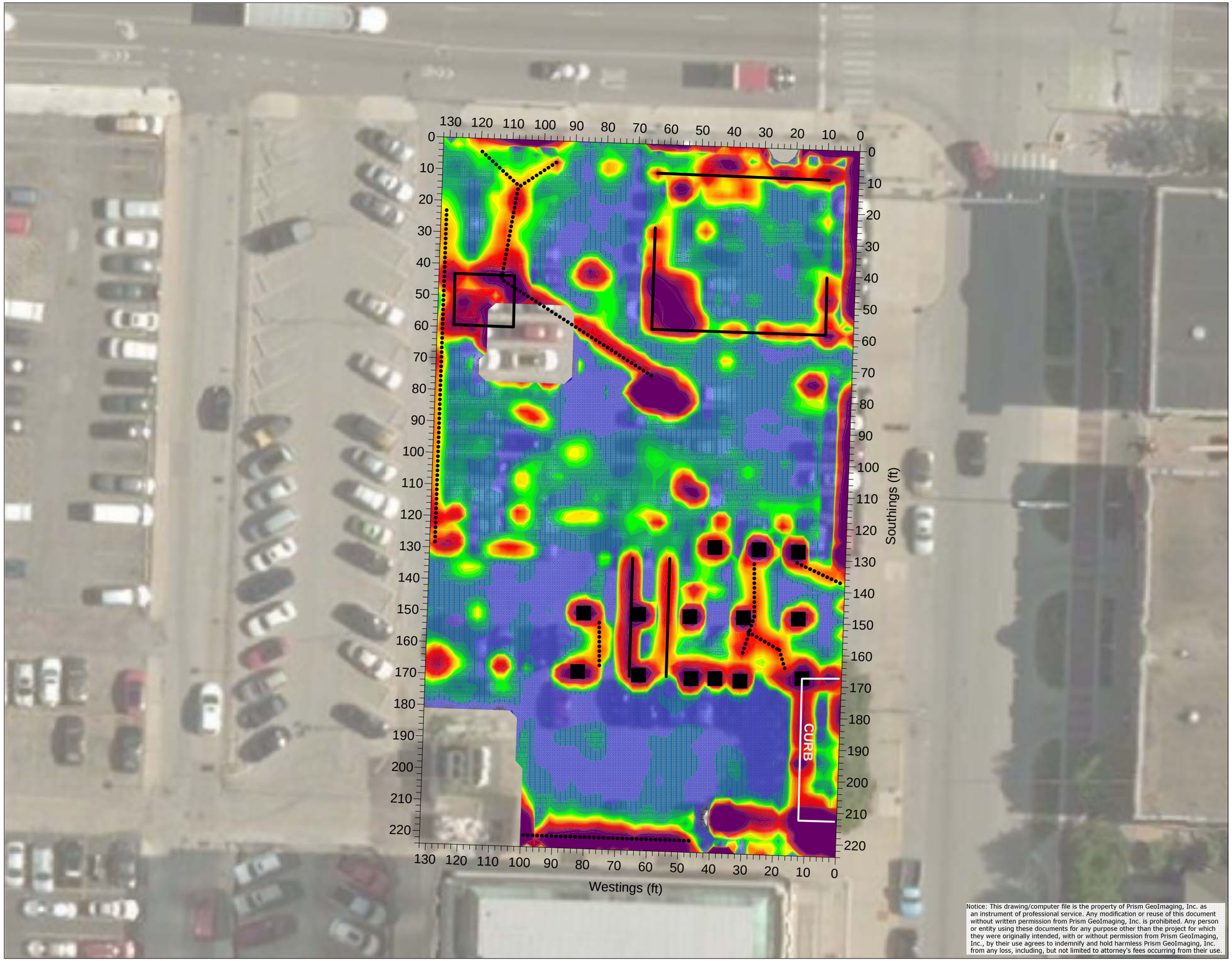
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 2a

EM61 Channel 3 Map
All Metal Within Detection Limits

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500, 1160, 1020, 940, 840, 760, 680, 580, 500, 420, 360, 300, 240, 180, 150, 110, 80, 0, -80, -180, -320, -400

Possible Utility Line

Possible Building Foundation

Possible Post Footer

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

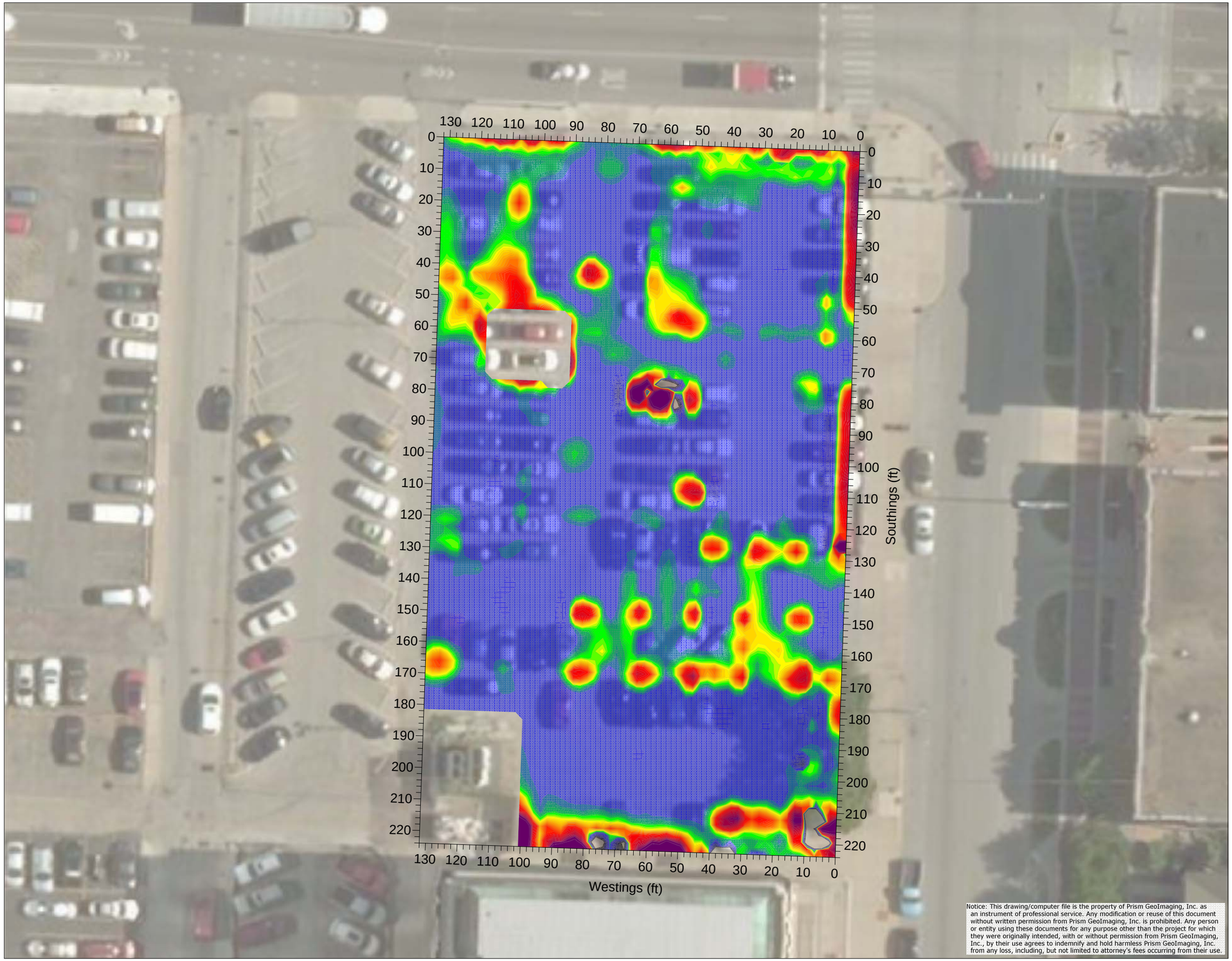
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 2b

EM61 Channel 3 Map
With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Instrument Response (mV)

Metal Object Response

Background (non-metallic) response

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

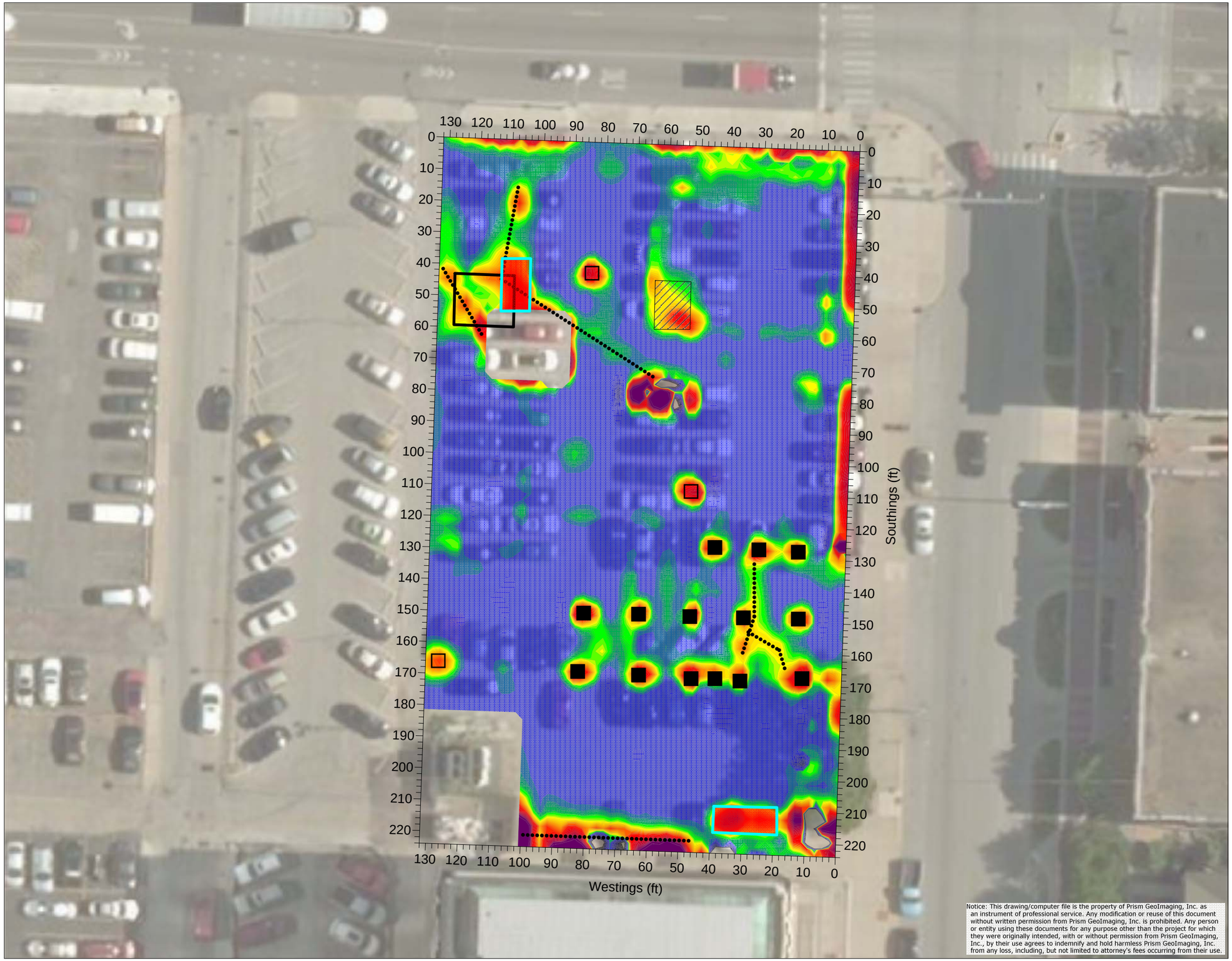
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 3a

EM61 Channel Difference Map
Predominantly Deeper Metal Only

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Possible Utility Line

Possible Building Foundation

Possible Post Footer

Unknown Deep Metal Anomaly

Possible UST Anomaly

Reinforced Concrete (buried)

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

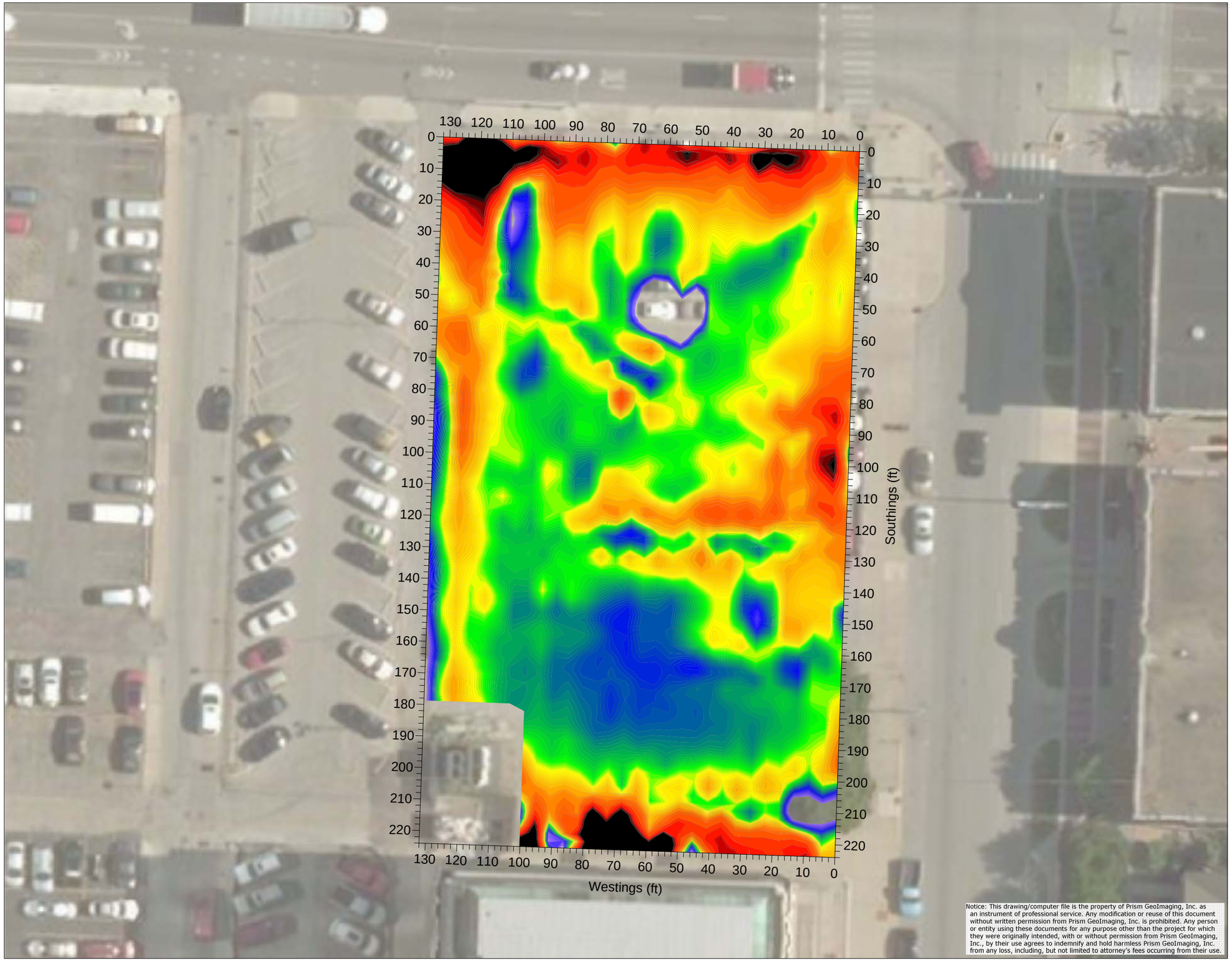
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 3b

EM61 Channel Difference Map With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

Cultural Interference

Normal Range Soil Conductivity Readings

Cultural Interference

120 117 109 106 99 76 61 53 47 41 38 35 32 29 26 23 20 17 14 11 8 5 2 -1 -4 -7 -10

Apparent Conductivity (mS/m)

N

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

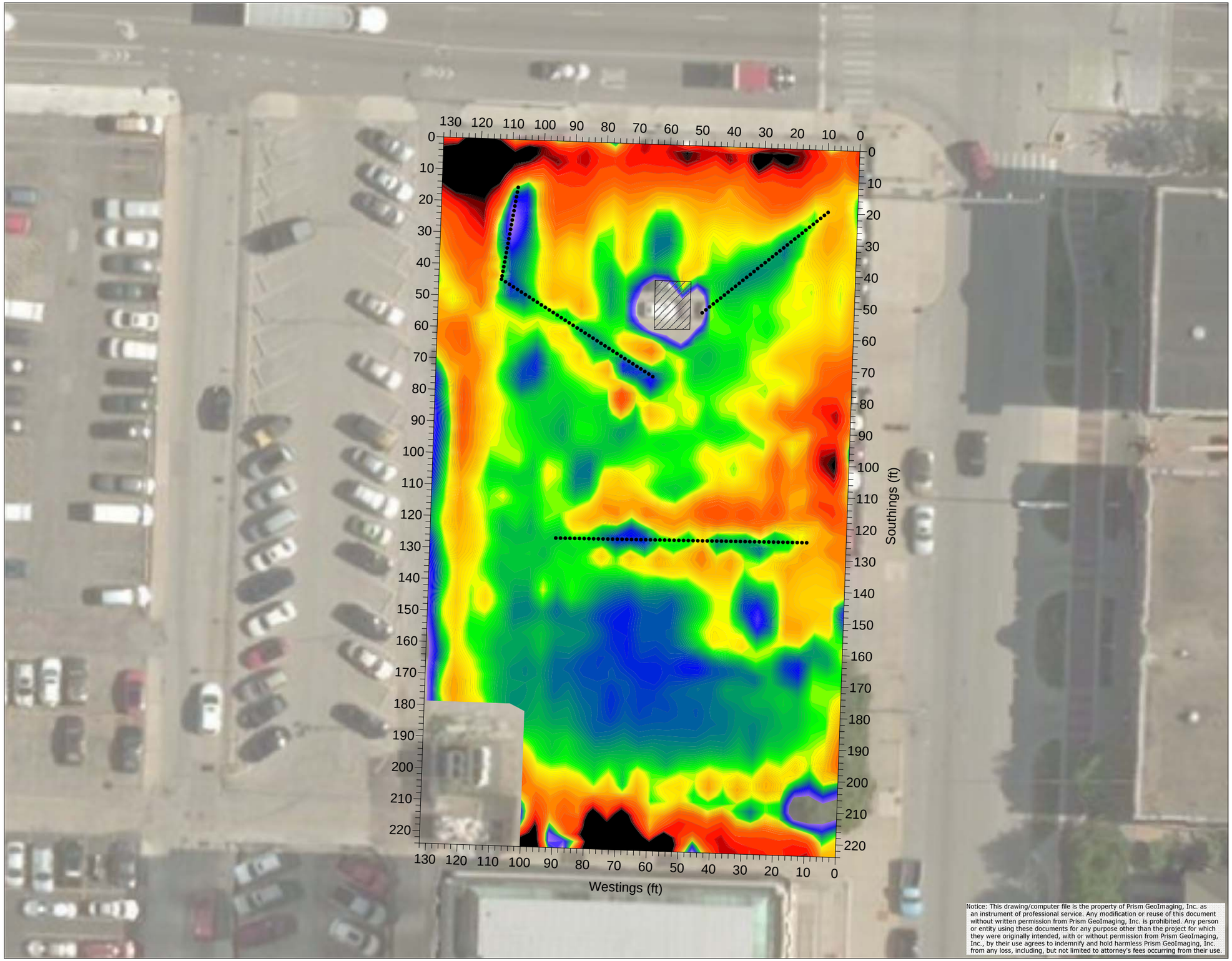
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 4a

EM31 Electrical Conductivity Map

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Cultural Interference

Normal Range Soil Conductivity Readings

Cultural Interference

120
117
109
106
99
76
61
53
47
41
38
35
32
29
26
23
20
17
14
11
8
5
2
-1
-4
-7
-10

Apparent Conductivity (mS/m)

Possible Utility Line

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

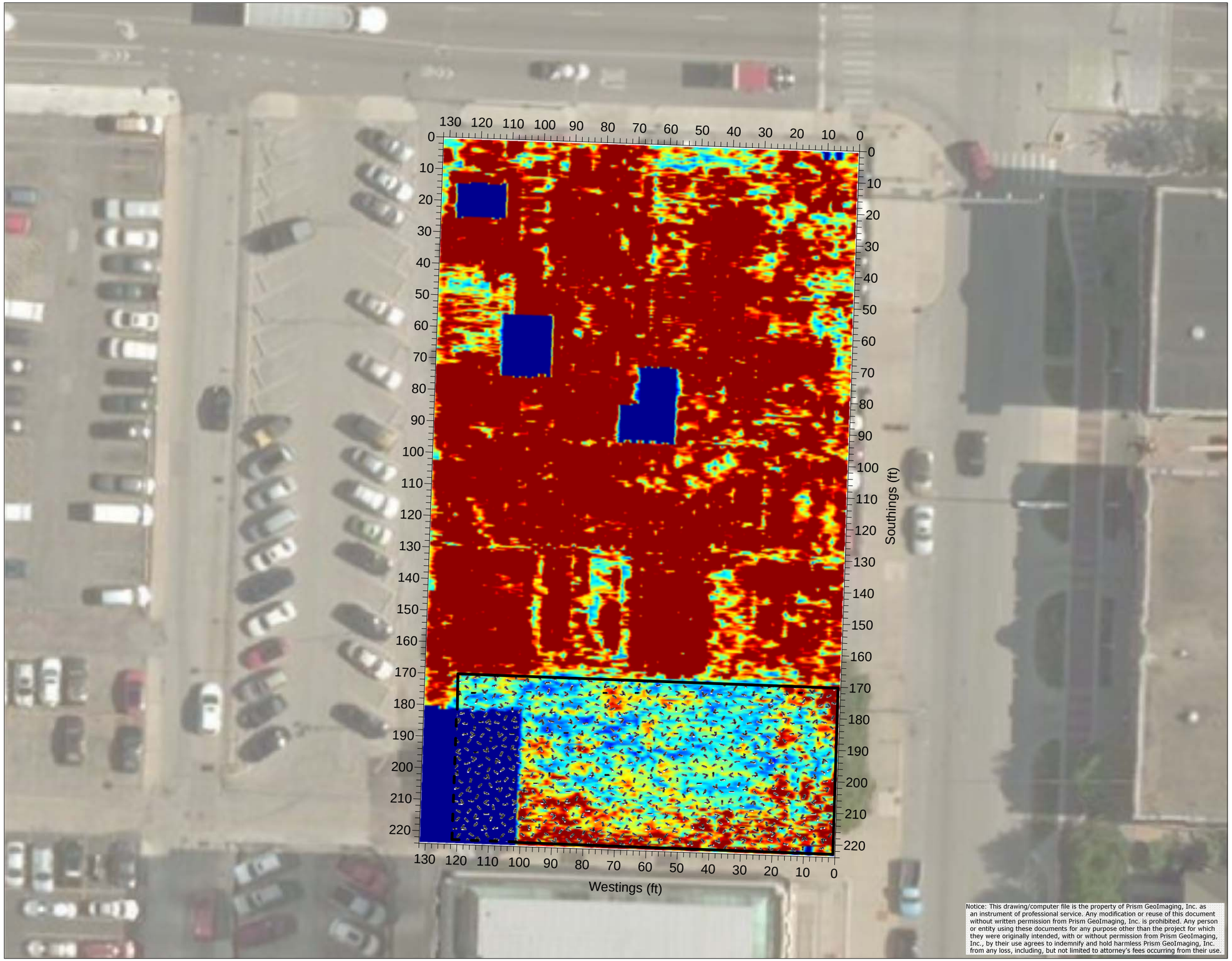
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 4b

EM31 Electrical Conductivity Map
With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Increasing Amplitude of Returned Signal

Background Level (no reflective objects within signal depth)

Relative Amplitude of Reflected Signal

Filled Excavation/Basement

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

Prism GeoImaging

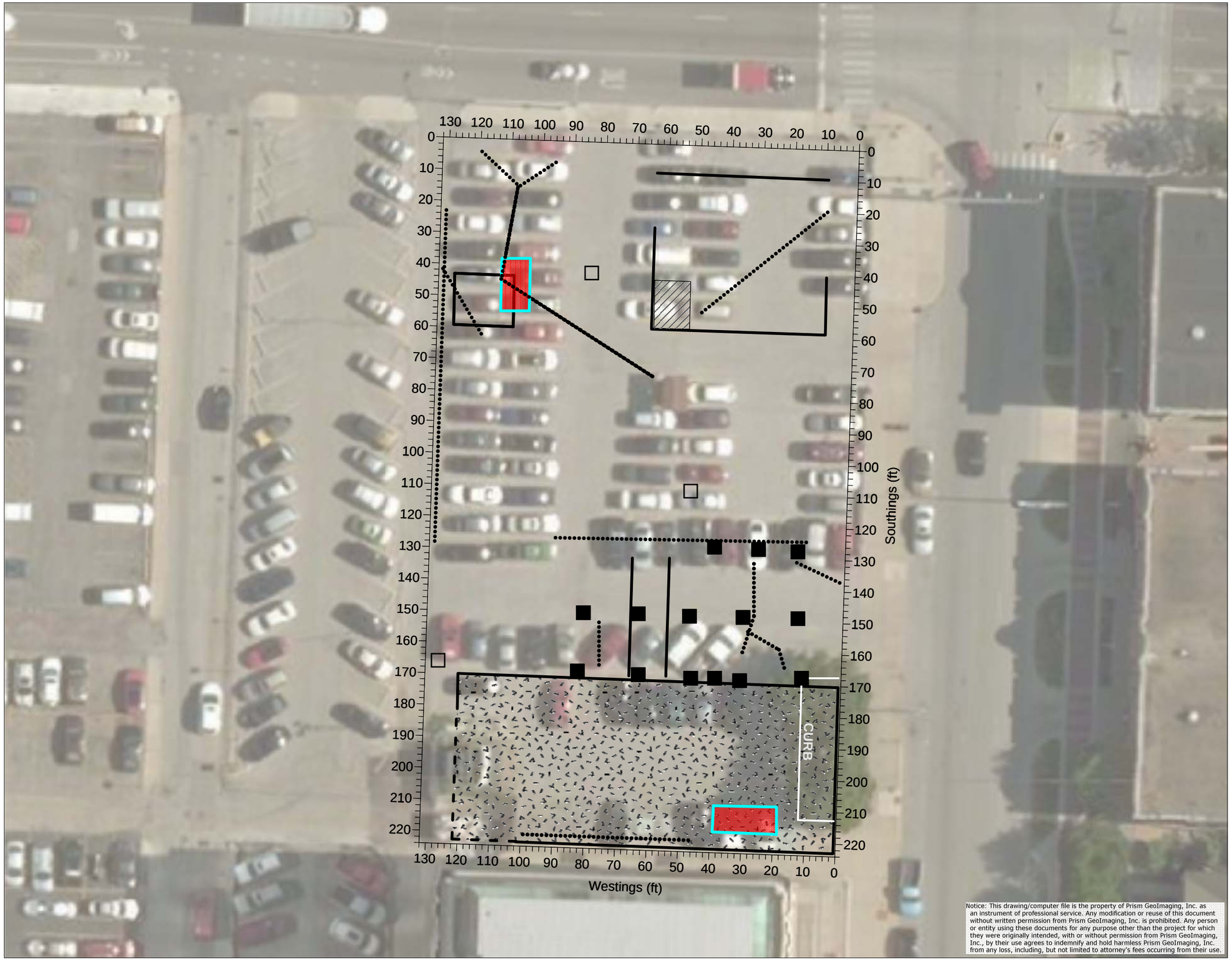
Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 5

3D GPR Slice Map

Approximately 1.3' - 1.6' Depth Interval

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



© 2015, Prism GeoImaging, Inc.

LEGEND

N

- Filled Excavation/Basement
- Possible Utility Line
- Possible Building Foundation
- Possible Post Footer
- Unknown Deep Metal Anomaly
- Possible UST Anomaly
- Reinforced Concrete (buried)

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 6

Results Summary

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009

ATTACHMENT B

Soil Boring Logs

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
		Sand/clay fill with brick debris	0 - 2*	100	0.30	
1						
2			2 - 4*	100	0.10	
3						
4		Brown sandy CLAY (CL)	4 - 6	100	0.10	
5		Brown, coarse to medium SAND with gravel (SP)				
6		No Recovery	6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.00	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	75	0.10	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

- Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.0	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.0	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Very moist to wet, grey-brown, dense, poorly sorted, medium coarse gravelly SAND (SP)	28 - 30	100	0.0	
29						
30		No Recovery	30 - 32	0	-	
31						
32						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.

Installation Date: 4/13/15
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
32		Wet, grey, dense, poorly sorted, very coarse, gravelly SAND (SP)	32-34	100	0.0	Bentonite
33						
34		No Recovery	34-36	0	-	
35						
36		End of Boring				
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS / Jeff
Geologist: Chris Newell

BORING/WELL LOG: GP-2

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

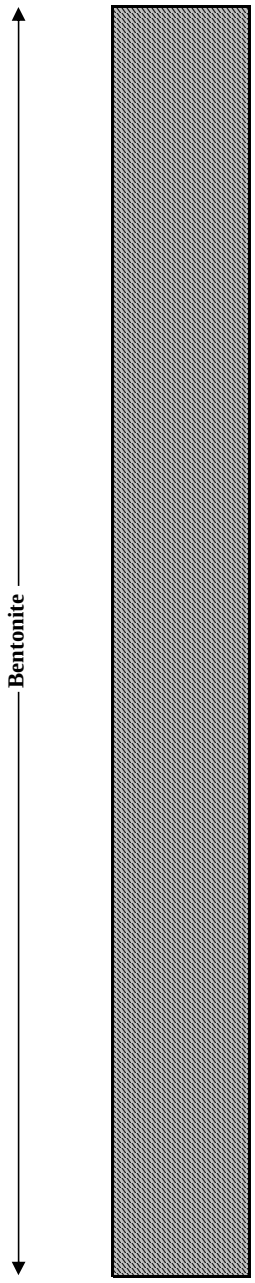
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt
		Sandy fill
1		Moist, brown - grey to brown, very sandy CLAY (CL)
2		
3		
4		
5		
6		Moist, brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)
		No Recovery
7		
8		Moist, brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)
		No Recovery
9		
10		
11		
12		
13		
14		
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.0
2 - 4*	100	0.1
4 - 6	100	0.1
6 - 8	0	-
8 - 10	<15	0.1
10 - 12	0	-
12 - 14	0	-
14 - 16	0	-

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-2

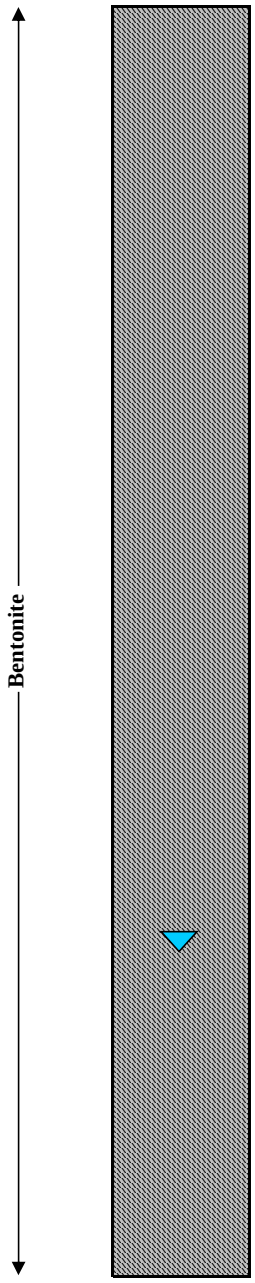
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		No Recovery	16 - 18	0	-
17					
18			18 - 20	0	-
19					
20			20 - 22	0	-
21					
22			22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	25	0.1
		No Recovery			
25					
26			26 - 28	0	-
27					
28		Wet, brown-grey, coarse grading to medium, silty SAND (SP)	28 - 30	75	0.0
29					
		No Recovery			
30			30 - 32	0	-
31					
32					

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-3

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
		Brown - grey to grey sand / clay fill with brick and concrete debris	0 - 2*	100	0.2	Bentonite
1						
2			2 - 4*	100	0.2	
3						
4		No Recovery	4 - 6	0	-	
5						
6			6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	50	0.1	
9		No Recovery				
10			10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-3

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.1	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20			20 - 22	0	-	
21						
22			22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	50	0.1	
25		No Recovery				
26			26 - 28	0	-	
27						
28		Wet, brown grey, dense, poorly sorted, medium coarse, silty SAND with gravel (SP)	28 - 30	75	0.1	
29						
30		No Recovery	30 - 32	0	-	
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-4

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
1		Sand fill, brown, brick debris (black / grey cinders 0.25-0.75)	0 - 2*	100	0.2	Bentonite
2						
3		Brown, sandy CLAY, some brick (CL)	2 - 4*	100	0.2	
4						
5		No Recovery	4 - 6	25	0.1	
6						
7			6 - 8	0	-	
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.1	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

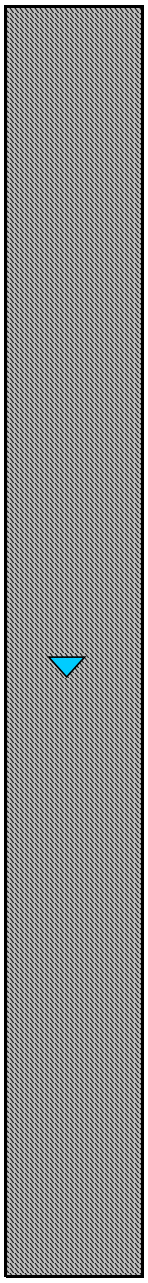
▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-4

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.1	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.1	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	25	0.1	
		No Recovery (WET)				
25						
26			26 - 28	0	-	
27						
28			28 - 30	0	-	
29						
30			30 - 32	0	-	
31						
32		End of Boring				



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-5

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
1		Black / grey Sand fill with concrete debris	0 - 2*	100	0.0	Bentonite
2		Brown, sandy CLAY with debris / gravel (CL)	2 - 4*	100	0.1	
4		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	4 - 6	50	0.1	
5		No Recovery				
6			6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.0	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

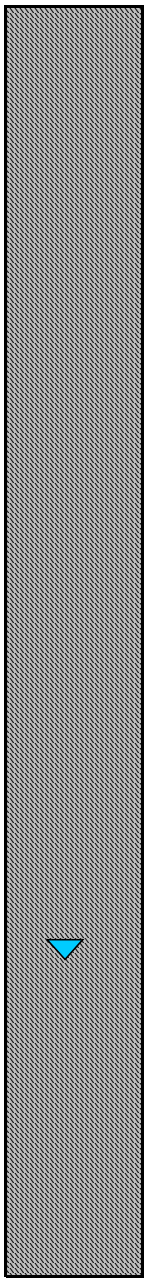
BORING/WELL LOG: GP-5

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	75	0.1	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.1	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Wet, brown - grey, coarse - medium to medium - fine grained SAND, little gravel (SP)	28 - 30	100	0.1	
29						
30		No Recovery	30 - 32	25	0.0	
31						
32		End of Boring				



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-6

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

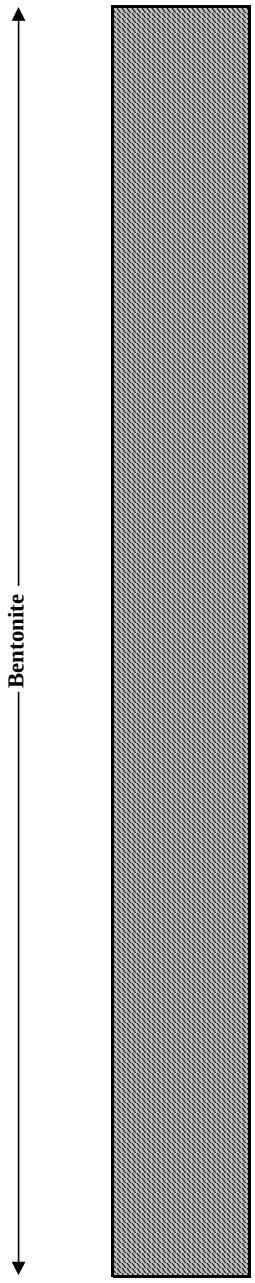
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt / concrete
1		Cobble / brick fill some sand fill
2		
3		Moist, brown, sandy CLAY (CL)
4		
5		
6		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
7		No Recovery
8		
9		
10		
11		
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
13		
14		No Recovery
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.0
2 - 4*	100	0.0
4 - 6	100	0.1
6 - 8	0	-
8 - 10	0	-
10 - 12	0	-
12 - 14	75	0.1
14 - 16	0	-

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-6

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	25	0.1	
		No Recovery				
21						
22			22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.1	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP) Wet, medium, brown to grey to brown @ 28.25'	28 - 30	100	0.1	
29						
30			30 - 32	25	0.0	
		No Recovery				
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-7

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
		Sand fill	0 - 2*	100	0.1	
1						
2						
		Moist, brown, sand CLAY with gravel (CL)	2 - 4*	100	0.1	
3						
4		Sand fill	4 - 6	100	0.1	
5						
6		No Recovery	6 - 8	0	-	
7						
8		Sand fill	8 - 10	100	0.1	
		Brick / rock @ 8.5'				
9		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-7

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.2	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.2	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Wet, brown - grey, medium coarse, poorly sorted, SAND with silt and some gravel (SP)	28 - 30	100	0.0	
29						
30			30 - 32	25	0.0	
31		No Recovery				
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-8

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

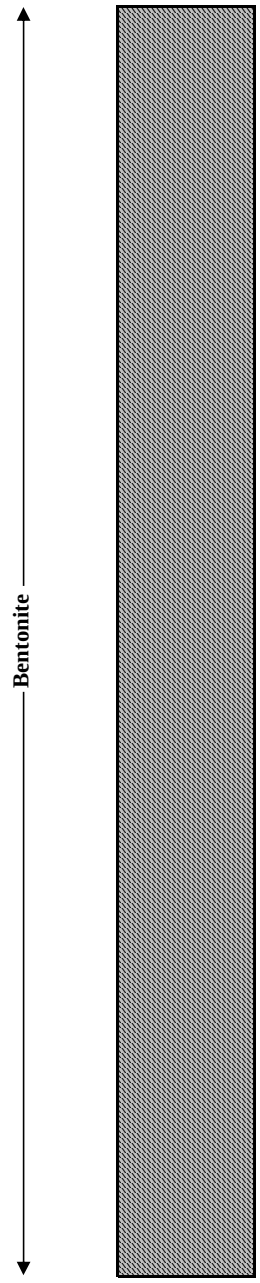
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt
		Sand fill (some clay @ 2.5 - 3.5')
1		
2		
3		Sand clay fill with concrete debris @ 3.5'
4		Sand fill @ 4'
5		Dark brown, sandy CLAY with gravel
6		No Recovery
7		
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
9		
10		No Recovery
11		
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
13		
14		No Recovery
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.4
2 - 4*	100	0.3
4 - 6	100	-
6 - 8	0	0.2
8 - 10	100	-
10 - 12	0	0.2
12 - 14	100	-
14 - 16	0	0.3

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-8

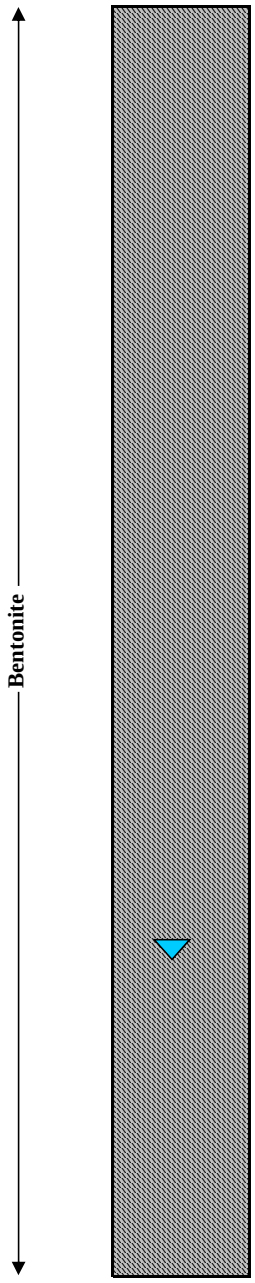
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		Brown, dense, medium, SAND (SP)	16 - 18	100	0.3
17					
18		No Recovery	18 - 20	0	-
19					
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2
21					
22		No Recovery	22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.3
25					
26		No Recovery	26 - 28	0	-
27					
28		Wet, dense brown - grey, medium coarse SAND	28 - 30	100	0.2
29					
30			30 - 32	25	0.1
31		No Recovery			
32		End of Boring			

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-9

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE / SAMPLE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
		Ground Surface			
0		Asphalt			
		Brown - grey sand fill	0 - 2*	100	0.3
1					
2		Concrete debris / sand fill @ 1.75'			
		Dark brown, moist, sandy CLAY with some gravel (CL)	2 - 4*	100	0.2
3					
4			4 - 6	75	0.2
5		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)			
		No Recovery			
6			6 - 8	0	-
7					
8		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)			
		No Recovery	8 - 10	<15	0.3
9					
10			10 - 12	0	-
11					
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.3
13					
14		No Recovery	14 - 16	0	-
15					
16					

Boring Completion Details

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-9

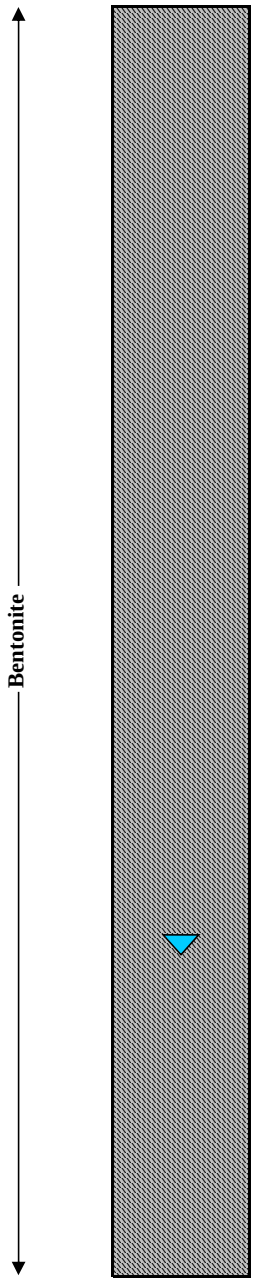
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.3
17					
18		No Recovery	18 - 20	0	-
19					
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.3
21					
22		No Recovery	22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP) Medium SAND @ 24.5'	24 - 26*	100	0.3
25					
26		No Recovery	26 - 28	0	-
27					
28		Wet, dense, brown - grey, medium SAND (SP)	28 - 30	100	0.3
29					
30		No Recovery	30 - 32	0	-
31					
32		End of Boring			

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-10

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
1		Brick fill	0 - 2*	100	-	
2						
3		Moist, brown, sandy CLAY with some gravel (CL)	2 - 4*	100	0.2	
4						
5		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	4 - 6	75	0.2	
6						
7			6 - 8	0	-	
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
9			8 - 10	100	0.2	
10		No Recovery				
11			10 - 12	0	-	
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
13			12 - 14	100	0.2	
14		No Recovery				
15			14 - 16	0	-	
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-10

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.2	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP) Medium SAND @ 24.5'	24 - 26*	100	0.3	
25		Medium coarse @ 25.5'				
26		No Recovery	26 - 28	0	-	
27						
28			28 - 30	0	-	
29						
30			30 - 32	0	-	
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

ATTACHMENT C

Laboratory Analytical Report and
Chain of Custody Form

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

April 29, 2015

Mr. Brad Gentry
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: 222 N. Alabama Street
Pace Project No.: 50116587 (Revised Report: Select Cr+6 samples analyzed and reported)

Dear Mr. Gentry:
Enclosed are the analytical results for sample(s) received by the laboratory on April 14, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
Project Manager

Enclosures

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #:E-10177/ E-10247
Kentucky UST Certification #: 0042
Kentucky WW Certification #:98019
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-05340
Texas Certification #: T104704355-15-8
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-10-00128

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50116587001	**GP-1(0-4)**	Solid	04/13/15 09:20	04/14/15 14:15
50116587002	**GP-1(24-26)**	Solid	04/13/15 09:50	04/14/15 14:15
50116587003	**GP-2(0-4)**	Solid	04/13/15 10:50	04/14/15 14:15
50116587004	**GP-2(24-26)**	Solid	04/13/15 11:35	04/14/15 14:15
50116587005	**GP-3(0-4)**	Solid	04/13/15 12:25	04/14/15 14:15
50116587006	**GP-3(24-26)**	Solid	04/13/15 12:45	04/14/15 14:15
50116587007	**GP-4(0-4)**	Solid	04/13/15 13:35	04/14/15 14:15
50116587008	**GP-4(24-26)**	Solid	04/13/15 14:05	04/14/15 14:15
50116587009	**GP-5(0-4)**	Solid	04/13/15 14:50	04/14/15 14:15
50116587010	**GP-5(24-26)**	Solid	04/13/15 15:05	04/14/15 14:15
50116587011	**GP-6(0-4)**	Solid	04/13/15 15:40	04/14/15 14:15
50116587012	**GP-6(24-26)**	Solid	04/13/15 16:10	04/14/15 14:15
50116587013	**GP-7(0-4)**	Solid	04/14/15 08:45	04/14/15 14:15
50116587014	**GP-7(24-26)**	Solid	04/14/15 09:00	04/14/15 14:15
50116587015	**GP-8(0-4)**	Solid	04/14/15 09:40	04/14/15 14:15
50116587016	**GP-8(24-26)**	Solid	04/14/15 10:00	04/14/15 14:15
50116587017	**GP-9(0-4)**	Solid	04/14/15 10:40	04/14/15 14:15
50116587018	**GP-9(24-26)**	Solid	04/14/15 11:05	04/14/15 14:15
50116587019	**GP-10(0-4)**	Solid	04/14/15 11:55	04/14/15 14:15
50116587020	**GP-10(24-26)**	Solid	04/14/15 12:10	04/14/15 14:15
50116587021	**DUP**	Solid	04/13/15 08:00	04/14/15 14:15
50116587022	**TRIP BLANK**	Solid	04/13/15 08:00	04/14/15 14:15
50116587023	**GP-1W**	Water	04/13/15 10:05	04/14/15 14:15
50116587024	**GP-2W**	Water	04/13/15 08:00	04/14/15 14:15
50116587025	**GP-3W**	Water	04/13/15 13:00	04/14/15 14:15
50116587026	**GP-4W**	Water	04/13/15 14:20	04/14/15 14:15
50116587027	**GP-5W**	Water	04/13/15 15:15	04/14/15 14:15
50116587028	**GP-6W**	Water	04/13/15 16:25	04/14/15 14:15
50116587029	**GP-7W**	Water	04/14/15 09:15	04/14/15 14:15
50116587030	**GP-8W**	Water	04/14/15 10:15	04/14/15 14:15
50116587031	**GP-9W**	Water	04/14/15 11:20	04/14/15 14:15
50116587032	**GP-10W**	Water	04/14/15 12:25	04/14/15 14:15
50116587033	**DUP**	Water	04/13/15 08:00	04/14/15 14:15
50116587034	**TRIP BLANK**	Water	04/13/15 08:00	04/14/15 14:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50116587001	**GP-1(0-4)**	EPA 6010	JGJ	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587002	**GP-1(24-26)**	EPA 6010	JGJ	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587003	**GP-2(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587004	**GP-2(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587005	**GP-3(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587006	**GP-3(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587007	**GP-4(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587008	**GP-4(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587009	**GP-5(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587010	**GP-5(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587011	**GP-6(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587012	**GP-6(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587013	**GP-7(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587014	**GP-7(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	ZM	1
50116587015	**GP-8(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587016	**GP-8(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587017	**GP-9(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587018	**GP-9(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587019	**GP-10(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587020	**GP-10(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587021	**DUP**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587022	**TRIP BLANK**	EPA 8260	BJG	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50116587023	**GP-1W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587024	**GP-2W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587025	**GP-3W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587026	**GP-4W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587027	**GP-5W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587028	**GP-6W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587029	**GP-7W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587030	**GP-8W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587031	**GP-9W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587032	**GP-10W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587033	**DUP**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587034	**TRIP BLANK**	EPA 8260	RFS	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587001	**GP-1(0-4)**					
EPA 6010	Arsenic	7.1	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Barium	207	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Chromium	10.5	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Lead	92.5	mg/kg	1.0	04/15/15 13:20	
EPA 7471	Mercury	0.37	mg/kg	0.25	04/21/15 09:56	
EPA 8270 by SIM	Acenaphthylene	0.044	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Anthracene	0.062	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.24	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(a)pyrene	0.22	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.20	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.11	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.21	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Chrysene	0.23	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.073	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Fluoranthene	0.41	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Fluorene	0.0072	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.12	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	1-Methylnaphthalene	0.0063	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	2-Methylnaphthalene	0.0096	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Naphthalene	0.030	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Phenanthrene	0.21	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Pyrene	0.33	mg/kg	0.0058	04/16/15 22:23	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	04/15/15 16:26	
50116587002	**GP-1(24-26)**					
EPA 6010	Arsenic	4.1	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Barium	10.7	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Chromium	3.7	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Lead	3.9	mg/kg	0.90	04/15/15 13:22	
ASTM D2974-87	Percent Moisture	2.9	%	0.10	04/15/15 16:26	
50116587003	**GP-2(0-4)**					
EPA 6010	Arsenic	7.6	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Barium	69.0	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Chromium	13.1	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Lead	8.6	mg/kg	1.0	04/16/15 01:53	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	04/15/15 16:26	
50116587004	**GP-2(24-26)**					
EPA 6010	Arsenic	7.1	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Barium	47.3	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Cadmium	0.74	mg/kg	0.50	04/16/15 02:09	
EPA 6010	Chromium	14.4	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Lead	131	mg/kg	0.99	04/16/15 02:09	
EPA 8270 by SIM	Anthracene	0.062	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(a)anthracene	0.14	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(a)pyrene	0.13	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.15	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.096	mg/kg	0.056	04/16/15 23:54	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587004	**GP-2(24-26)**					
EPA 8270 by SIM	Benzo(k)fluoranthene	0.14	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Chrysene	0.15	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Fluoranthene	0.42	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.092	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Phenanthrene	0.40	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Pyrene	0.31	mg/kg	0.056	04/16/15 23:54	
ASTM D2974-87	Percent Moisture	11.7	%	0.10	04/15/15 16:26	
50116587005	**GP-3(0-4)**					
EPA 6010	Arsenic	9.9	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Barium	140	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Cadmium	0.60	mg/kg	0.50	04/16/15 02:11	
EPA 6010	Chromium	10.6	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Lead	242	mg/kg	0.99	04/16/15 02:11	
EPA 7471	Mercury	0.59	mg/kg	0.22	04/21/15 10:09	
EPA 8270 by SIM	Acenaphthylene	0.14	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Anthracene	0.22	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(a)anthracene	0.88	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(a)pyrene	1.0	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(b)fluoranthene	1.0	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.67	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.97	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Chrysene	0.90	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.32	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Fluoranthene	1.8	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.64	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Phenanthrene	0.89	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Pyrene	1.6	mg/kg	0.058	04/17/15 00:12	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	04/15/15 16:26	
50116587006	**GP-3(24-26)**					
EPA 6010	Arsenic	23.1	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Barium	19.8	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Chromium	5.8	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Lead	4.0	mg/kg	0.87	04/16/15 02:13	
ASTM D2974-87	Percent Moisture	4.5	%	0.10	04/15/15 16:26	
50116587007	**GP-4(0-4)**					
EPA 6010	Arsenic	13.8	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Barium	40.1	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Cadmium	0.63	mg/kg	0.50	04/16/15 02:16	
EPA 6010	Chromium	6.8	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Lead	76.2	mg/kg	0.99	04/16/15 02:16	
EPA 7471	Mercury	0.25	mg/kg	0.21	04/21/15 10:18	
EPA 8270 by SIM	Anthracene	0.13	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(a)anthracene	0.18	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(a)pyrene	0.13	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.24	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.11	mg/kg	0.054	04/17/15 00:48	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587007	**GP-4(0-4)**					
EPA 8270 by SIM	Benzo(k)fluoranthene	0.20	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Chrysene	0.27	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Fluoranthene	0.80	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.10	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Phenanthrene	0.95	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Pyrene	0.54	mg/kg	0.054	04/17/15 00:48	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	04/15/15 16:27	
50116587008	**GP-4(24-26)**					
EPA 6010	Arsenic	89.0	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Barium	94.5	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Cadmium	0.60	mg/kg	0.51	04/16/15 02:18	
EPA 6010	Chromium	3.8	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Lead	6.5	mg/kg	1.0	04/16/15 02:18	
ASTM D2974-87	Percent Moisture	4.4	%	0.10	04/15/15 16:27	
50116587009	**GP-5(0-4)**					
EPA 6010	Arsenic	7.0	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Barium	194	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Chromium	8.5	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Lead	675	mg/kg	1.0	04/16/15 02:20	
EPA 7471	Mercury	1.5	mg/kg	0.22	04/21/15 10:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.056	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(a)pyrene	0.066	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.11	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.066	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.083	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Chrysene	0.099	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Fluoranthene	0.18	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.059	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	1-Methylnaphthalene	0.035	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	2-Methylnaphthalene	0.043	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Naphthalene	0.035	mg/kg	0.028	04/17/15 01:24	3d
EPA 8270 by SIM	Phenanthrene	0.14	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Pyrene	0.13	mg/kg	0.028	04/17/15 01:24	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	04/15/15 16:27	
50116587010	**GP-5(24-26)**					
EPA 6010	Arsenic	8.0	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Barium	14.6	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Chromium	4.3	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Lead	2.9	mg/kg	0.84	04/16/15 02:22	
ASTM D2974-87	Percent Moisture	3.8	%	0.10	04/15/15 16:27	
50116587011	**GP-6(0-4)**					
EPA 6010	Arsenic	9.1	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Barium	86.3	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Chromium	11.1	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Lead	21.0	mg/kg	1.0	04/16/15 02:24	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587011	**GP-6(0-4)**					
EPA 8270 by SIM	Acenaphthylene	0.0099	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Anthracene	0.014	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.033	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(a)pyrene	0.035	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.043	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.020	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.039	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Chrysene	0.034	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.011	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Fluoranthene	0.045	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.021	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Phenanthrene	0.017	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Pyrene	0.039	mg/kg	0.0059	04/17/15 02:00	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	04/15/15 16:27	
50116587012	**GP-6(24-26)**					
EPA 6010	Arsenic	4.0	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Barium	7.4	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Chromium	4.1	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Lead	2.3	mg/kg	0.94	04/16/15 02:26	
ASTM D2974-87	Percent Moisture	5.4	%	0.10	04/15/15 16:27	
50116587013	**GP-7(0-4)**					
EPA 6010	Arsenic	7.0	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Barium	45.1	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Chromium	9.6	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Lead	6.1	mg/kg	0.98	04/16/15 02:28	
EPA 8270 by SIM	Benzo(a)pyrene	0.032	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Chrysene	0.033	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Fluoranthene	0.031	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	1-Methylnaphthalene	0.036	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	2-Methylnaphthalene	0.044	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Phenanthrene	0.033	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Pyrene	0.035	mg/kg	0.027	04/17/15 02:36	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	04/15/15 16:27	
50116587014	**GP-7(24-26)**					
EPA 6010	Arsenic	11.1	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Barium	27.1	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Chromium	6.4	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Lead	3.9	mg/kg	0.96	04/16/15 02:34	
ASTM D2974-87	Percent Moisture	3.2	%	0.10	04/15/15 16:28	
50116587015	**GP-8(0-4)**					
EPA 6010	Arsenic	5.9	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Barium	13.4	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Chromium	3.8	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Lead	3.8	mg/kg	1.0	04/16/15 02:36	
EPA 8270 by SIM	Chrysene	0.0068	mg/kg	0.0052	04/20/15 18:17	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587015	**GP-8(0-4)**					
EPA 8270 by SIM	Fluoranthene	0.0064	mg/kg	0.0052	04/20/15 18:17	
EPA 8270 by SIM	Phenanthrene	0.0071	mg/kg	0.0052	04/20/15 18:17	
EPA 8270 by SIM	Pyrene	0.0059	mg/kg	0.0052	04/20/15 18:17	
ASTM D2974-87	Percent Moisture	5.2	%	0.10	04/15/15 16:28	
50116587016	**GP-8(24-26)**					
EPA 6010	Arsenic	4.8	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Barium	12.0	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Chromium	4.8	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Lead	3.2	mg/kg	0.91	04/16/15 02:38	
ASTM D2974-87	Percent Moisture	3.2	%	0.10	04/15/15 16:28	
50116587017	**GP-9(0-4)**					
EPA 6010	Arsenic	6.1	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Barium	14.8	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Chromium	5.0	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Lead	4.5	mg/kg	0.87	04/16/15 02:40	
EPA 8270 by SIM	Benzo(a)anthracene	0.010	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(a)pyrene	0.0098	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.011	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0097	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0089	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Chrysene	0.017	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Fluoranthene	0.024	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0064	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	1-Methylnaphthalene	0.0062	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	2-Methylnaphthalene	0.0074	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Phenanthrene	0.018	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Pyrene	0.021	mg/kg	0.0052	04/20/15 18:35	
ASTM D2974-87	Percent Moisture	4.2	%	0.10	04/15/15 16:28	
50116587018	**GP-9(24-26)**					
EPA 6010	Arsenic	5.4	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Barium	7.4	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Chromium	3.6	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Lead	3.8	mg/kg	0.92	04/16/15 02:43	
ASTM D2974-87	Percent Moisture	2.4	%	0.10	04/15/15 16:28	
50116587019	**GP-10(0-4)**					
EPA 6010	Arsenic	5.4	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Barium	68.1	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Chromium	9.5	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Lead	10.8	mg/kg	1.1	04/16/15 02:45	
ASTM D2974-87	Percent Moisture	17.6	%	0.10	04/15/15 16:28	
50116587020	**GP-10(24-26)**					
EPA 6010	Arsenic	4.5	mg/kg	0.88	04/16/15 02:47	
EPA 6010	Barium	9.1	mg/kg	0.88	04/16/15 02:47	
EPA 6010	Chromium	4.3	mg/kg	0.88	04/16/15 02:47	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587020	**GP-10(24-26)**					
EPA 6010	Lead	3.6	mg/kg	0.88	04/16/15 02:47	
ASTM D2974-87	Percent Moisture	5.7	%	0.10	04/15/15 16:29	
50116587021	**DUP**					
EPA 6010	Arsenic	9.0	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Barium	138	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Chromium	11.8	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Lead	92.6	mg/kg	1.0	04/16/15 02:49	
EPA 7471	Mercury	0.47	mg/kg	0.23	04/21/15 11:16	
EPA 8270 by SIM	Acenaphthene	0.014	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Acenaphthylene	0.11	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Anthracene	0.13	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(a)anthracene	0.40	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(a)pyrene	0.41	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.39	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.24	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.40	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Chrysene	0.43	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.14	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Fluoranthene	0.85	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Fluorene	0.060	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.24	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	1-Methylnaphthalene	0.044	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	2-Methylnaphthalene	0.042	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Naphthalene	0.075	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Phenanthrene	0.70	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Pyrene	0.67	mg/kg	0.0058	04/16/15 17:06	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	04/15/15 16:09	
50116587023	**GP-1W**					
EPA 6010	Arsenic	751	ug/L	10.0	04/17/15 15:31	
EPA 6010	Barium	6760	ug/L	10.0	04/17/15 15:31	
EPA 6010	Cadmium	10.7	ug/L	2.0	04/17/15 15:31	
EPA 6010	Chromium	779	ug/L	10.0	04/17/15 15:31	
EPA 6010	Lead	806	ug/L	10.0	04/17/15 15:31	
EPA 6010	Selenium	89.2	ug/L	10.0	04/17/15 15:31	
50116587024	**GP-2W**					
EPA 6010	Arsenic	264	ug/L	10.0	04/17/15 14:46	
EPA 6010	Barium	1670	ug/L	10.0	04/17/15 14:46	
EPA 6010	Cadmium	5.6	ug/L	2.0	04/17/15 14:46	
EPA 6010	Chromium	354	ug/L	10.0	04/17/15 14:46	
EPA 6010	Lead	470	ug/L	10.0	04/17/15 14:46	
EPA 6010	Selenium	112	ug/L	10.0	04/17/15 14:46	
50116587025	**GP-3W**					
EPA 6010	Arsenic	992	ug/L	10.0	04/17/15 14:48	
EPA 6010	Barium	8750	ug/L	10.0	04/17/15 14:48	
EPA 6010	Cadmium	15.0	ug/L	2.0	04/17/15 14:48	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587025	**GP-3W**					
EPA 6010	Chromium	751	ug/L	10.0	04/17/15 14:48	
EPA 6010	Lead	938	ug/L	10.0	04/17/15 14:48	
EPA 6010	Selenium	374	ug/L	10.0	04/17/15 14:48	
EPA 7470	Mercury	2.1	ug/L	2.0	04/20/15 10:13	
50116587026	**GP-4W**					
EPA 6010	Arsenic	705	ug/L	10.0	04/17/15 14:50	
EPA 6010	Barium	2570	ug/L	10.0	04/17/15 14:50	
EPA 6010	Cadmium	13.2	ug/L	2.0	04/17/15 14:50	
EPA 6010	Chromium	609	ug/L	10.0	04/17/15 14:50	
EPA 6010	Lead	1380	ug/L	10.0	04/17/15 14:50	
EPA 6010	Selenium	52.4	ug/L	10.0	04/17/15 14:50	
EPA 7470	Mercury	2.3	ug/L	2.0	04/20/15 10:15	
50116587027	**GP-5W**					
EPA 6010	Arsenic	948	ug/L	10.0	04/17/15 14:53	
EPA 6010	Barium	5220	ug/L	10.0	04/17/15 14:53	
EPA 6010	Cadmium	13.0	ug/L	2.0	04/17/15 14:53	
EPA 6010	Chromium	942	ug/L	10.0	04/17/15 14:53	
EPA 6010	Lead	1720	ug/L	10.0	04/17/15 14:53	
EPA 6010	Selenium	109	ug/L	10.0	04/17/15 14:53	
EPA 7470	Mercury	4.7	ug/L	2.0	04/20/15 10:17	
50116587028	**GP-6W**					
EPA 6010	Arsenic	896	ug/L	10.0	04/17/15 14:56	
EPA 6010	Barium	4570	ug/L	10.0	04/17/15 14:56	
EPA 6010	Cadmium	9.1	ug/L	2.0	04/17/15 14:56	
EPA 6010	Chromium	751	ug/L	10.0	04/17/15 14:56	
EPA 6010	Lead	762	ug/L	10.0	04/17/15 14:56	
EPA 6010	Selenium	499	ug/L	10.0	04/17/15 14:56	
50116587029	**GP-7W**					
EPA 6010	Arsenic	1530	ug/L	10.0	04/17/15 14:58	
EPA 6010	Barium	4850	ug/L	10.0	04/17/15 14:58	
EPA 6010	Cadmium	13.9	ug/L	2.0	04/17/15 14:58	
EPA 6010	Chromium	1060	ug/L	10.0	04/17/15 14:58	
EPA 6010	Lead	1060	ug/L	10.0	04/17/15 14:58	
EPA 6010	Selenium	285	ug/L	10.0	04/17/15 14:58	
EPA 7470	Mercury	2.2	ug/L	2.0	04/20/15 10:25	
EPA 8260	1,1-Dichloroethane	6.2	ug/L	5.0	04/16/15 04:07	
50116587030	**GP-8W**					
EPA 6010	Arsenic	1260	ug/L	10.0	04/17/15 15:01	
EPA 6010	Barium	4920	ug/L	10.0	04/17/15 15:01	
EPA 6010	Cadmium	10.6	ug/L	2.0	04/17/15 15:01	
EPA 6010	Chromium	532	ug/L	10.0	04/17/15 15:01	
EPA 6010	Lead	992	ug/L	10.0	04/17/15 15:01	
EPA 6010	Selenium	348	ug/L	10.0	04/17/15 15:01	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587031	**GP-9W**					
EPA 6010	Arsenic	1510	ug/L	50.0	04/17/15 15:03	
EPA 6010	Barium	6410	ug/L	50.0	04/17/15 15:03	
EPA 6010	Cadmium	32.0	ug/L	10.0	04/17/15 15:03	
EPA 6010	Chromium	2950	ug/L	50.0	04/17/15 15:03	
EPA 6010	Lead	1810	ug/L	50.0	04/17/15 15:03	
EPA 6010	Selenium	723	ug/L	50.0	04/17/15 15:03	
50116587032	**GP-10W**					
EPA 6010	Arsenic	2010	ug/L	10.0	04/17/15 15:05	
EPA 6010	Barium	5730	ug/L	10.0	04/17/15 15:05	
EPA 6010	Cadmium	26.0	ug/L	2.0	04/17/15 15:05	
EPA 6010	Chromium	853	ug/L	10.0	04/17/15 15:05	
EPA 6010	Lead	1290	ug/L	10.0	04/17/15 15:05	
EPA 6010	Selenium	148	ug/L	10.0	04/17/15 15:05	
EPA 7470	Mercury	6.4	ug/L	2.0	04/20/15 10:31	
50116587033	**DUP**					
EPA 6010	Arsenic	568	ug/L	10.0	04/17/15 15:08	
EPA 6010	Barium	2900	ug/L	10.0	04/17/15 15:08	
EPA 6010	Cadmium	10.1	ug/L	2.0	04/17/15 15:08	
EPA 6010	Chromium	561	ug/L	10.0	04/17/15 15:08	
EPA 6010	Lead	894	ug/L	10.0	04/17/15 15:08	
EPA 6010	Selenium	230	ug/L	10.0	04/17/15 15:08	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.1**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-38-2	
Barium	**207**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	04/14/15 21:45	04/15/15 13:20	7440-43-9	
Chromium	**10.5**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-47-3	
Lead	**92.5**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/14/15 21:45	04/15/15 13:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.37**	mg/kg	0.25	1	04/20/15 14:55	04/21/15 09:56	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	83-32-9	
Acenaphthylene	**0.044**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	208-96-8	
Anthracene	**0.062**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	120-12-7	
Benzo(a)anthracene	**0.24**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	56-55-3	
Benzo(a)pyrene	**0.22**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	50-32-8	
Benzo(b)fluoranthene	**0.20**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	205-99-2	
Benzo(g,h,i)perylene	**0.11**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	191-24-2	
Benzo(k)fluoranthene	**0.21**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	207-08-9	
Chrysene	**0.23**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	218-01-9	
Dibenz(a,h)anthracene	**0.073**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	53-70-3	
Fluoranthene	**0.41**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	206-44-0	
Fluorene	**0.0072**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.12**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	193-39-5	
1-Methylnaphthalene	**0.0063**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	90-12-0	
2-Methylnaphthalene	**0.0096**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	91-57-6	
Naphthalene	**0.030**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	91-20-3	
Phenanthrene	**0.21**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	85-01-8	
Pyrene	**0.33**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	38-110	1	04/15/15 10:35	04/16/15 22:23	321-60-8	
p-Terphenyl-d14 (S)	57	%.	32-111	1	04/15/15 10:35	04/16/15 22:23	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		04/16/15 01:44	67-64-1	
Acrolein	ND	mg/kg	0.11	1		04/16/15 01:44	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		04/16/15 01:44	107-13-1	
Benzene	ND	mg/kg	0.0054	1		04/16/15 01:44	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		04/16/15 01:44	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		04/16/15 01:44	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		04/16/15 01:44	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		04/16/15 01:44	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		04/16/15 01:44	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		04/16/15 01:44	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		04/16/15 01:44	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		04/16/15 01:44	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		04/16/15 01:44	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		04/16/15 01:44	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		04/16/15 01:44	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		04/16/15 01:44	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		04/16/15 01:44	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		04/16/15 01:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		04/16/15 01:44	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		04/16/15 01:44	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	103-65-1	
Styrene	ND	mg/kg	0.0054	1		04/16/15 01:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		04/16/15 01:44	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		04/16/15 01:44	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		04/16/15 01:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 01:44	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		04/16/15 01:44	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	56-144	1		04/16/15 01:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.3**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 11:32	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.1**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-38-2	
Barium	**10.7**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-39-3	
Cadmium	ND	mg/kg	0.45	1	04/14/15 21:45	04/15/15 13:22	7440-43-9	
Chromium	**3.7**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-47-3	
Lead	**3.9**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7439-92-1	
Selenium	ND	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7782-49-2	
Silver	ND	mg/kg	0.45	1	04/14/15 21:45	04/15/15 13:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.19	1	04/20/15 14:55	04/21/15 09:58	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	40	%.	38-110	1	04/15/15 10:35	04/16/15 22:41	321-60-8	
p-Terphenyl-d14 (S)	41	%.	32-111	1	04/15/15 10:35	04/16/15 22:41	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.081	1		04/16/15 02:21	67-64-1	
Acrolein	ND	mg/kg	0.081	1		04/16/15 02:21	107-02-8	
Acrylonitrile	ND	mg/kg	0.081	1		04/16/15 02:21	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 02:21	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 02:21	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 02:21	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	98-06-6	
Carbon disulfide	ND	mg/kg	0.0081	1		04/16/15 02:21	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 02:21	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 02:21	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 02:21	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.081	1		04/16/15 02:21	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.081	1		04/16/15 02:21	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 02:21	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 02:21	110-54-3	
2-Hexanone	ND	mg/kg	0.081	1		04/16/15 02:21	591-78-6	
Iodomethane	ND	mg/kg	0.081	1		04/16/15 02:21	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 02:21	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 02:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 02:21	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 02:21	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 02:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-67-8	
Vinyl acetate	ND	mg/kg	0.081	1		04/16/15 02:21	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 02:21	75-01-4	
Xylene (Total)	ND	mg/kg	0.0081	1		04/16/15 02:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 02:21	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 02:21	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	56-144	1		04/16/15 02:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.9**	%	0.10	1		04/15/15 16:26		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-38-2	
Barium	**69.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 01:53	7440-43-9	
Chromium	**13.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-47-3	
Lead	**8.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 01:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	04/20/15 14:55	04/21/15 10:00	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	83-32-9	
Acenaphthylene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	208-96-8	
Anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	207-08-9	
Chrysene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	53-70-3	
Fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	206-44-0	
Fluorene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	91-57-6	
Naphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	91-20-3	
Phenanthrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	85-01-8	
Pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	38-110	1	04/15/15 10:35	04/16/15 22:59	321-60-8	
p-Terphenyl-d14 (S)	68	%.	32-111	1	04/15/15 10:35	04/16/15 22:59	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.079	1		04/16/15 02:58	67-64-1	
Acrolein	ND	mg/kg	0.079	1		04/16/15 02:58	107-02-8	
Acrylonitrile	ND	mg/kg	0.079	1		04/16/15 02:58	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 02:58	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 02:58	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 02:58	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	98-06-6	
Carbon disulfide	ND	mg/kg	0.0079	1		04/16/15 02:58	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 02:58	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 02:58	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 02:58	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.079	1		04/16/15 02:58	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.079	1		04/16/15 02:58	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 02:58	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 02:58	110-54-3	
2-Hexanone	ND	mg/kg	0.079	1		04/16/15 02:58	591-78-6	
Iodomethane	ND	mg/kg	0.079	1		04/16/15 02:58	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 02:58	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 02:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 02:58	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 02:58	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 02:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-67-8	
Vinyl acetate	ND	mg/kg	0.079	1		04/16/15 02:58	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 02:58	75-01-4	
Xylene (Total)	ND	mg/kg	0.0079	1		04/16/15 02:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 02:58	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 02:58	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 02:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.8**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:54	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.1**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-38-2	
Barium	**47.3**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-39-3	
Cadmium	**0.74**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:09	7440-43-9	
Chromium	**14.4**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-47-3	
Lead	**131**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:06	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	208-96-8	
Anthracene	**0.062**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	120-12-7	
Benzo(a)anthracene	**0.14**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	56-55-3	
Benzo(a)pyrene	**0.13**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	50-32-8	
Benzo(b)fluoranthene	**0.15**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	205-99-2	
Benzo(g,h,i)perylene	**0.096**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	191-24-2	
Benzo(k)fluoranthene	**0.14**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	207-08-9	
Chrysene	**0.15**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	53-70-3	
Fluoranthene	**0.42**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	206-44-0	
Fluorene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.092**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	91-57-6	
Naphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	91-20-3	3d
Phenanthrene	**0.40**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	85-01-8	
Pyrene	**0.31**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64	%.	38-110	10	04/15/15 10:35	04/16/15 23:54	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	10	04/15/15 10:35	04/16/15 23:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.087	1		04/16/15 04:48	67-64-1	
Acrolein	ND	mg/kg	0.087	1		04/16/15 04:48	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		04/16/15 04:48	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 04:48	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 04:48	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 04:48	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		04/16/15 04:48	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 04:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 04:48	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 04:48	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		04/16/15 04:48	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		04/16/15 04:48	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 04:48	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 04:48	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		04/16/15 04:48	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		04/16/15 04:48	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 04:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 04:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 04:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 04:48	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 04:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		04/16/15 04:48	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 04:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		04/16/15 04:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 04:48	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 04:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 04:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.7**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.2	1	04/28/15 07:19	04/29/15 11:58	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.9**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-38-2	
Barium	**140**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-39-3	
Cadmium	**0.60**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:11	7440-43-9	
Chromium	**10.6**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-47-3	
Lead	**242**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:11	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.59**	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:09	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	83-32-9	
Acenaphthylene	**0.14**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	208-96-8	
Anthracene	**0.22**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	120-12-7	
Benzo(a)anthracene	**0.88**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	56-55-3	
Benzo(a)pyrene	**1.0**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	50-32-8	
Benzo(b)fluoranthene	**1.0**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	205-99-2	
Benzo(g,h,i)perylene	**0.67**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	191-24-2	
Benzo(k)fluoranthene	**0.97**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	207-08-9	
Chrysene	**0.90**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	218-01-9	
Dibenz(a,h)anthracene	**0.32**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	53-70-3	
Fluoranthene	**1.8**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	206-44-0	
Fluorene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.64**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	91-57-6	
Naphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	91-20-3	3d
Phenanthrene	**0.89**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	85-01-8	
Pyrene	**1.6**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	38-110	10	04/15/15 10:35	04/17/15 00:12	321-60-8	
p-Terphenyl-d14 (S)	80	%.	32-111	10	04/15/15 10:35	04/17/15 00:12	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.091	1		04/16/15 05:25	67-64-1	
Acrolein	ND	mg/kg	0.091	1		04/16/15 05:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.091	1		04/16/15 05:25	107-13-1	
Benzene	ND	mg/kg	0.0045	1		04/16/15 05:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		04/16/15 05:25	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		04/16/15 05:25	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.0091	1		04/16/15 05:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		04/16/15 05:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		04/16/15 05:25	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		04/16/15 05:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.091	1		04/16/15 05:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.091	1		04/16/15 05:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		04/16/15 05:25	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		04/16/15 05:25	110-54-3	
2-Hexanone	ND	mg/kg	0.091	1		04/16/15 05:25	591-78-6	
Iodomethane	ND	mg/kg	0.091	1		04/16/15 05:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		04/16/15 05:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 05:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		04/16/15 05:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		04/16/15 05:25	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	103-65-1	
Styrene	ND	mg/kg	0.0045	1		04/16/15 05:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.091	1		04/16/15 05:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		04/16/15 05:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.0091	1		04/16/15 05:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 05:25	1868-53-7	
Toluene-d8 (S)	98	%.	71-128	1		04/16/15 05:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 05:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.9**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:58	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**23.1**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-38-2	
Barium	**19.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:13	7440-43-9	
Chromium	**5.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-47-3	
Lead	**4.0**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7439-92-1	
Selenium	ND	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7782-49-2	
Silver	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:11	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	38-110	1	04/15/15 10:35	04/17/15 00:29	321-60-8	
p-Terphenyl-d14 (S)	77	%.	32-111	1	04/15/15 10:35	04/17/15 00:29	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		04/16/15 05:51	67-64-1	
Acrolein	ND	mg/kg	0.12	1		04/16/15 05:51	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		04/16/15 05:51	107-13-1	
Benzene	ND	mg/kg	0.0061	1		04/16/15 05:51	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-27-4	
Bromoform	ND	mg/kg	0.0061	1		04/16/15 05:51	75-25-2	
Bromomethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		04/16/15 05:51	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		04/16/15 05:51	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	1		04/16/15 05:51	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-90-7	
Chloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-00-3	
Chloroform	ND	mg/kg	0.0061	1		04/16/15 05:51	67-66-3	
Chloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	1		04/16/15 05:51	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		04/16/15 05:51	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		04/16/15 05:51	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	1		04/16/15 05:51	87-68-3	
n-Hexane	ND	mg/kg	0.0061	1		04/16/15 05:51	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		04/16/15 05:51	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		04/16/15 05:51	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	1		04/16/15 05:51	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		04/16/15 05:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		04/16/15 05:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	1		04/16/15 05:51	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	103-65-1	
Styrene	ND	mg/kg	0.0061	1		04/16/15 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		04/16/15 05:51	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	1		04/16/15 05:51	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		04/16/15 05:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 05:51	1868-53-7	
Toluene-d8 (S)	97	%.	71-128	1		04/16/15 05:51	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 05:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.5**	%	0.10	1		04/15/15 16:26		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**13.8**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-38-2	
Barium	**40.1**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-39-3	
Cadmium	**0.63**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:16	7440-43-9	
Chromium	**6.8**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-47-3	
Lead	**76.2**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.25**	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:18	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	83-32-9	
Acenaphthylene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	208-96-8	
Anthracene	**0.13**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	120-12-7	
Benzo(a)anthracene	**0.18**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	56-55-3	
Benzo(a)pyrene	**0.13**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	50-32-8	
Benzo(b)fluoranthene	**0.24**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	205-99-2	
Benzo(g,h,i)perylene	**0.11**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	191-24-2	
Benzo(k)fluoranthene	**0.20**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	207-08-9	
Chrysene	**0.27**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	53-70-3	
Fluoranthene	**0.80**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	206-44-0	
Fluorene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.10**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	91-57-6	
Naphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	91-20-3	3d
Phenanthrene	**0.95**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	85-01-8	
Pyrene	**0.54**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	39	%.	38-110	10	04/15/15 10:35	04/17/15 00:48	321-60-8	
p-Terphenyl-d14 (S)	44	%.	32-111	10	04/15/15 10:35	04/17/15 00:48	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.093	1		04/16/15 06:16	67-64-1	
Acrolein	ND	mg/kg	0.093	1		04/16/15 06:16	107-02-8	
Acrylonitrile	ND	mg/kg	0.093	1		04/16/15 06:16	107-13-1	
Benzene	ND	mg/kg	0.0046	1		04/16/15 06:16	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-27-4	
Bromoform	ND	mg/kg	0.0046	1		04/16/15 06:16	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		04/16/15 06:16	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	98-06-6	
Carbon disulfide	ND	mg/kg	0.0093	1		04/16/15 06:16	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1		04/16/15 06:16	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-00-3	
Chloroform	ND	mg/kg	0.0046	1		04/16/15 06:16	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	1		04/16/15 06:16	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.093	1		04/16/15 06:16	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.093	1		04/16/15 06:16	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	1		04/16/15 06:16	87-68-3	
n-Hexane	ND	mg/kg	0.0046	1		04/16/15 06:16	110-54-3	
2-Hexanone	ND	mg/kg	0.093	1		04/16/15 06:16	591-78-6	
Iodomethane	ND	mg/kg	0.093	1		04/16/15 06:16	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	1		04/16/15 06:16	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		04/16/15 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		04/16/15 06:16	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1		04/16/15 06:16	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	103-65-1	
Styrene	ND	mg/kg	0.0046	1		04/16/15 06:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-67-8	
Vinyl acetate	ND	mg/kg	0.093	1		04/16/15 06:16	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	1		04/16/15 06:16	75-01-4	
Xylene (Total)	ND	mg/kg	0.0093	1		04/16/15 06:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	85-118	1		04/16/15 06:16	1868-53-7	
Toluene-d8 (S)	104	%.	71-128	1		04/16/15 06:16	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	56-144	1		04/16/15 06:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.5**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**89.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-38-2	
Barium	**94.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-39-3	
Cadmium	**0.60**	mg/kg	0.51	1	04/15/15 07:14	04/16/15 02:18	7440-43-9	
Chromium	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-47-3	
Lead	**6.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 02:18	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:20	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	38-110	1	04/15/15 10:35	04/17/15 01:06	321-60-8	
p-Terphenyl-d14 (S)	80	%.	32-111	1	04/15/15 10:35	04/17/15 01:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.080	1		04/16/15 06:42	67-64-1	
Acrolein	ND	mg/kg	0.080	1		04/16/15 06:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.080	1		04/16/15 06:42	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 06:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 06:42	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 06:42	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.0080	1		04/16/15 06:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 06:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 06:42	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 06:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.080	1		04/16/15 06:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.080	1		04/16/15 06:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 06:42	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 06:42	110-54-3	
2-Hexanone	ND	mg/kg	0.080	1		04/16/15 06:42	591-78-6	
Iodomethane	ND	mg/kg	0.080	1		04/16/15 06:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 06:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 06:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 06:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 06:42	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 06:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-67-8	
Vinyl acetate	ND	mg/kg	0.080	1		04/16/15 06:42	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 06:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.0080	1		04/16/15 06:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 06:42	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 06:42	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	56-144	1		04/16/15 06:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.4**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-38-2	
Barium	**194**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:20	7440-43-9	
Chromium	**8.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-47-3	
Lead	**675**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**1.5**	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:23	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	83-32-9	
Acenaphthylene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	208-96-8	
Anthracene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	120-12-7	
Benzo(a)anthracene	**0.056**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	56-55-3	
Benzo(a)pyrene	**0.066**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	50-32-8	
Benzo(b)fluoranthene	**0.11**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	205-99-2	
Benzo(g,h,i)perylene	**0.066**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	191-24-2	
Benzo(k)fluoranthene	**0.083**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	207-08-9	
Chrysene	**0.099**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	53-70-3	
Fluoranthene	**0.18**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	206-44-0	
Fluorene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.059**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	193-39-5	
1-Methylnaphthalene	**0.035**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	90-12-0	
2-Methylnaphthalene	**0.043**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	91-57-6	
Naphthalene	**0.035**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	91-20-3	3d
Phenanthrene	**0.14**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	85-01-8	
Pyrene	**0.13**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	40	%.	38-110	5	04/15/15 10:35	04/17/15 01:24	321-60-8	
p-Terphenyl-d14 (S)	47	%.	32-111	5	04/15/15 10:35	04/17/15 01:24	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.087	1		04/16/15 20:27	67-64-1	
Acrolein	ND	mg/kg	0.087	1		04/16/15 20:27	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		04/16/15 20:27	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 20:27	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 20:27	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 20:27	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		04/16/15 20:27	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 20:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 20:27	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 20:27	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		04/16/15 20:27	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		04/16/15 20:27	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 20:27	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 20:27	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		04/16/15 20:27	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		04/16/15 20:27	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 20:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 20:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 20:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 20:27	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 20:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		04/16/15 20:27	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 20:27	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		04/16/15 20:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	85-118	1		04/16/15 20:27	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 20:27	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 20:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		04/15/15 16:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.0**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-38-2	
Barium	**14.6**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-39-3	
Cadmium	ND	mg/kg	0.42	1	04/15/15 07:14	04/16/15 02:22	7440-43-9	
Chromium	**4.3**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-47-3	
Lead	**2.9**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7439-92-1	
Selenium	ND	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7782-49-2	
Silver	ND	mg/kg	0.42	1	04/15/15 07:14	04/16/15 02:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:25	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	38-110	1	04/15/15 10:35	04/17/15 01:41	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	1	04/15/15 10:35	04/17/15 01:41	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.085	1		04/16/15 21:04	67-64-1	
Acrolein	ND	mg/kg	0.085	1		04/16/15 21:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.085	1		04/16/15 21:04	107-13-1	
Benzene	ND	mg/kg	0.0043	1		04/16/15 21:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-27-4	
Bromoform	ND	mg/kg	0.0043	1		04/16/15 21:04	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 21:04	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.0085	1		04/16/15 21:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		04/16/15 21:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		04/16/15 21:04	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		04/16/15 21:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.085	1		04/16/15 21:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.085	1		04/16/15 21:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		04/16/15 21:04	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		04/16/15 21:04	110-54-3	
2-Hexanone	ND	mg/kg	0.085	1		04/16/15 21:04	591-78-6	
Iodomethane	ND	mg/kg	0.085	1		04/16/15 21:04	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		04/16/15 21:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 21:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		04/16/15 21:04	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	103-65-1	
Styrene	ND	mg/kg	0.0043	1		04/16/15 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.085	1		04/16/15 21:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		04/16/15 21:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.0085	1		04/16/15 21:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 21:04	1868-53-7	
Toluene-d8 (S)	97	%.	71-128	1		04/16/15 21:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	56-144	1		04/16/15 21:04	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.8**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-38-2	
Barium	**86.3**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:24	7440-43-9	
Chromium	**11.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-47-3	
Lead	**21.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	04/20/15 14:55	04/21/15 10:27	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	83-32-9	
Acenaphthylene	**0.0099**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	208-96-8	
Anthracene	**0.014**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	120-12-7	
Benzo(a)anthracene	**0.033**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	56-55-3	
Benzo(a)pyrene	**0.035**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	50-32-8	
Benzo(b)fluoranthene	**0.043**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	205-99-2	
Benzo(g,h,i)perylene	**0.020**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	191-24-2	
Benzo(k)fluoranthene	**0.039**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	207-08-9	
Chrysene	**0.034**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	218-01-9	
Dibenz(a,h)anthracene	**0.011**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	53-70-3	
Fluoranthene	**0.045**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.021**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	91-20-3	
Phenanthrene	**0.017**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	85-01-8	
Pyrene	**0.039**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	38-110	1	04/15/15 10:35	04/17/15 02:00	321-60-8	
p-Terphenyl-d14 (S)	72	%.	32-111	1	04/15/15 10:35	04/17/15 02:00	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.080	1		04/16/15 15:32	67-64-1	
Acrolein	ND	mg/kg	0.080	1		04/16/15 15:32	107-02-8	
Acrylonitrile	ND	mg/kg	0.080	1		04/16/15 15:32	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 15:32	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 15:32	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 15:32	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	98-06-6	
Carbon disulfide	ND	mg/kg	0.0080	1		04/16/15 15:32	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 15:32	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 15:32	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 15:32	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.080	1		04/16/15 15:32	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.080	1		04/16/15 15:32	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 15:32	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 15:32	110-54-3	
2-Hexanone	ND	mg/kg	0.080	1		04/16/15 15:32	591-78-6	
Iodomethane	ND	mg/kg	0.080	1		04/16/15 15:32	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 15:32	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 15:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 15:32	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 15:32	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-67-8	
Vinyl acetate	ND	mg/kg	0.080	1		04/16/15 15:32	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 15:32	75-01-4	
Xylene (Total)	ND	mg/kg	0.0080	1		04/16/15 15:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		04/16/15 15:32	1868-53-7	
Toluene-d8 (S)	95	%.	71-128	1		04/16/15 15:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 15:32	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.2**	%	0.10	1		04/15/15 16:27		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:24	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.0**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-38-2	
Barium	**7.4**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-39-3	
Cadmium	ND	mg/kg	0.47	1	04/15/15 07:14	04/16/15 02:26	7440-43-9	
Chromium	**4.1**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-47-3	
Lead	**2.3**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7439-92-1	
Selenium	ND	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7782-49-2	
Silver	ND	mg/kg	0.47	1	04/15/15 07:14	04/16/15 02:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:29	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	38-110	1	04/15/15 10:35	04/17/15 02:18	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	1	04/15/15 10:35	04/17/15 02:18	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 16:09	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 16:09	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 16:09	107-13-1	
Benzene	ND	mg/kg	0.0050	1		04/16/15 16:09	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		04/16/15 16:09	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		04/16/15 16:09	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 16:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		04/16/15 16:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		04/16/15 16:09	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		04/16/15 16:09	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 16:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 16:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		04/16/15 16:09	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		04/16/15 16:09	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 16:09	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 16:09	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		04/16/15 16:09	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		04/16/15 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		04/16/15 16:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		04/16/15 16:09	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	103-65-1	
Styrene	ND	mg/kg	0.0050	1		04/16/15 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 16:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		04/16/15 16:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		04/16/15 16:09	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		04/16/15 16:09	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	56-144	1		04/16/15 16:09	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.4**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-38-2	
Barium	**45.1**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	04/15/15 07:14	04/16/15 02:28	7440-43-9	
Chromium	**9.6**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-47-3	
Lead	**6.1**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7439-92-1	
Selenium	ND	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7782-49-2	
Silver	ND	mg/kg	0.49	1	04/15/15 07:14	04/16/15 02:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:31	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	208-96-8	
Anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	56-55-3	
Benzo(a)pyrene	**0.032**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	207-08-9	
Chrysene	**0.033**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	53-70-3	
Fluoranthene	**0.031**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	206-44-0	
Fluorene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	193-39-5	
1-Methylnaphthalene	**0.036**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	90-12-0	
2-Methylnaphthalene	**0.044**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	91-57-6	
Naphthalene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	91-20-3	3d
Phenanthrene	**0.033**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	85-01-8	
Pyrene	**0.035**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	38-110	5	04/15/15 10:35	04/17/15 02:36	321-60-8	
p-Terphenyl-d14 (S)	77	%.	32-111	5	04/15/15 10:35	04/17/15 02:36	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.084	1		04/16/15 16:46	67-64-1	
Acrolein	ND	mg/kg	0.084	1		04/16/15 16:46	107-02-8	
Acrylonitrile	ND	mg/kg	0.084	1		04/16/15 16:46	107-13-1	
Benzene	ND	mg/kg	0.0042	1		04/16/15 16:46	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-27-4	
Bromoform	ND	mg/kg	0.0042	1		04/16/15 16:46	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 16:46	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	98-06-6	
Carbon disulfide	ND	mg/kg	0.0084	1		04/16/15 16:46	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		04/16/15 16:46	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		04/16/15 16:46	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		04/16/15 16:46	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.084	1		04/16/15 16:46	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.084	1		04/16/15 16:46	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		04/16/15 16:46	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		04/16/15 16:46	110-54-3	
2-Hexanone	ND	mg/kg	0.084	1		04/16/15 16:46	591-78-6	
Iodomethane	ND	mg/kg	0.084	1		04/16/15 16:46	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		04/16/15 16:46	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 16:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 16:46	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		04/16/15 16:46	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	103-65-1	
Styrene	ND	mg/kg	0.0042	1		04/16/15 16:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-67-8	
Vinyl acetate	ND	mg/kg	0.084	1		04/16/15 16:46	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		04/16/15 16:46	75-01-4	
Xylene (Total)	ND	mg/kg	0.0084	1		04/16/15 16:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 16:46	1868-53-7	
Toluene-d8 (S)	96	%.	71-128	1		04/16/15 16:46	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	56-144	1		04/16/15 16:46	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**11.1**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-38-2	
Barium	**27.1**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	04/15/15 07:14	04/16/15 02:34	7440-43-9	
Chromium	**6.4**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-47-3	
Lead	**3.9**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7439-92-1	
Selenium	ND	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7782-49-2	
Silver	ND	mg/kg	0.48	1	04/15/15 07:14	04/16/15 02:34	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:33	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	38-110	1	04/15/15 10:35	04/17/15 02:54	321-60-8	
p-Terphenyl-d14 (S)	83	%.	32-111	1	04/15/15 10:35	04/17/15 02:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.089	1		04/16/15 17:22	67-64-1	
Acrolein	ND	mg/kg	0.089	1		04/16/15 17:22	107-02-8	
Acrylonitrile	ND	mg/kg	0.089	1		04/16/15 17:22	107-13-1	
Benzene	ND	mg/kg	0.0045	1		04/16/15 17:22	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		04/16/15 17:22	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 17:22	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	98-06-6	
Carbon disulfide	ND	mg/kg	0.0089	1		04/16/15 17:22	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		04/16/15 17:22	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		04/16/15 17:22	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		04/16/15 17:22	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.089	1		04/16/15 17:22	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.089	1		04/16/15 17:22	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		04/16/15 17:22	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		04/16/15 17:22	110-54-3	
2-Hexanone	ND	mg/kg	0.089	1		04/16/15 17:22	591-78-6	
Iodomethane	ND	mg/kg	0.089	1		04/16/15 17:22	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		04/16/15 17:22	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 17:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 17:22	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		04/16/15 17:22	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	103-65-1	
Styrene	ND	mg/kg	0.0045	1		04/16/15 17:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-67-8	
Vinyl acetate	ND	mg/kg	0.089	1		04/16/15 17:22	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		04/16/15 17:22	75-01-4	
Xylene (Total)	ND	mg/kg	0.0089	1		04/16/15 17:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 17:22	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		04/16/15 17:22	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	56-144	1		04/16/15 17:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.9**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-38-2	
Barium	**13.4**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:36	7440-43-9	
Chromium	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-47-3	
Lead	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:36	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	04/20/15 14:55	04/21/15 10:35	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	207-08-9	
Chrysene	**0.0068**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	53-70-3	
Fluoranthene	**0.0064**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	91-20-3	
Phenanthrene	**0.0071**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	85-01-8	
Pyrene	**0.0059**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	38-110	1	04/15/15 10:35	04/20/15 18:17	321-60-8	
p-Terphenyl-d14 (S)	71	%.	32-111	1	04/15/15 10:35	04/20/15 18:17	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.088	1		04/16/15 17:59	67-64-1	
Acrolein	ND	mg/kg	0.088	1		04/16/15 17:59	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		04/16/15 17:59	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 17:59	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 17:59	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 17:59	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		04/16/15 17:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 17:59	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 17:59	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 17:59	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		04/16/15 17:59	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		04/16/15 17:59	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 17:59	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 17:59	110-54-3	
2-Hexanone	ND	mg/kg	0.088	1		04/16/15 17:59	591-78-6	
Iodomethane	ND	mg/kg	0.088	1		04/16/15 17:59	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 17:59	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 17:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 17:59	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		04/16/15 17:59	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 17:59	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		04/16/15 17:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 17:59	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		04/16/15 17:59	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	56-144	1		04/16/15 17:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.8**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-38-2	
Barium	**12.0**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:38	7440-43-9	
Chromium	**4.8**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-47-3	
Lead	**3.2**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7439-92-1	
Selenium	ND	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7782-49-2	
Silver	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:38	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:37	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	38-110	1	04/15/15 10:35	04/17/15 16:05	321-60-8	
p-Terphenyl-d14 (S)	79	%.	32-111	1	04/15/15 10:35	04/17/15 16:05	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.084	1		04/16/15 18:36	67-64-1	
Acrolein	ND	mg/kg	0.084	1		04/16/15 18:36	107-02-8	
Acrylonitrile	ND	mg/kg	0.084	1		04/16/15 18:36	107-13-1	
Benzene	ND	mg/kg	0.0042	1		04/16/15 18:36	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-27-4	
Bromoform	ND	mg/kg	0.0042	1		04/16/15 18:36	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 18:36	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	98-06-6	
Carbon disulfide	ND	mg/kg	0.0084	1		04/16/15 18:36	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		04/16/15 18:36	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		04/16/15 18:36	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		04/16/15 18:36	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.084	1		04/16/15 18:36	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.084	1		04/16/15 18:36	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		04/16/15 18:36	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		04/16/15 18:36	110-54-3	
2-Hexanone	ND	mg/kg	0.084	1		04/16/15 18:36	591-78-6	
Iodomethane	ND	mg/kg	0.084	1		04/16/15 18:36	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		04/16/15 18:36	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 18:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 18:36	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		04/16/15 18:36	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	103-65-1	
Styrene	ND	mg/kg	0.0042	1		04/16/15 18:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-67-8	
Vinyl acetate	ND	mg/kg	0.084	1		04/16/15 18:36	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		04/16/15 18:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.0084	1		04/16/15 18:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 18:36	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		04/16/15 18:36	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	56-144	1		04/16/15 18:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.1**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-38-2	
Barium	**14.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-39-3	
Cadmium	ND	mg/kg	0.43	1	04/15/15 07:14	04/16/15 02:40	7440-43-9	
Chromium	**5.0**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-47-3	
Lead	**4.5**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7439-92-1	
Selenium	ND	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7782-49-2	
Silver	ND	mg/kg	0.43	1	04/15/15 07:14	04/16/15 02:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:46	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	120-12-7	
Benzo(a)anthracene	**0.010**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	56-55-3	
Benzo(a)pyrene	**0.0098**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	50-32-8	
Benzo(b)fluoranthene	**0.011**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	205-99-2	
Benzo(g,h,i)perylene	**0.0097**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	191-24-2	
Benzo(k)fluoranthene	**0.0089**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	207-08-9	
Chrysene	**0.017**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	53-70-3	
Fluoranthene	**0.024**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0064**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	193-39-5	
1-Methylnaphthalene	**0.0062**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	90-12-0	
2-Methylnaphthalene	**0.0074**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	91-20-3	
Phenanthrene	**0.018**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	85-01-8	
Pyrene	**0.021**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	38-110	1	04/15/15 10:35	04/20/15 18:35	321-60-8	
p-Terphenyl-d14 (S)	58	%.	32-111	1	04/15/15 10:35	04/20/15 18:35	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.083	1		04/16/15 19:13	67-64-1	
Acrolein	ND	mg/kg	0.083	1		04/16/15 19:13	107-02-8	
Acrylonitrile	ND	mg/kg	0.083	1		04/16/15 19:13	107-13-1	
Benzene	ND	mg/kg	0.0041	1		04/16/15 19:13	71-43-2	
Bromobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-86-1	
Bromochloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-27-4	
Bromoform	ND	mg/kg	0.0041	1		04/16/15 19:13	75-25-2	
Bromomethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 19:13	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	98-06-6	
Carbon disulfide	ND	mg/kg	0.0083	1		04/16/15 19:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0041	1		04/16/15 19:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-90-7	
Chloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-00-3	
Chloroform	ND	mg/kg	0.0041	1		04/16/15 19:13	67-66-3	
Chloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0041	1		04/16/15 19:13	106-93-4	
Dibromomethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.083	1		04/16/15 19:13	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.083	1		04/16/15 19:13	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0041	1		04/16/15 19:13	87-68-3	
n-Hexane	ND	mg/kg	0.0041	1		04/16/15 19:13	110-54-3	
2-Hexanone	ND	mg/kg	0.083	1		04/16/15 19:13	591-78-6	
Iodomethane	ND	mg/kg	0.083	1		04/16/15 19:13	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0041	1		04/16/15 19:13	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 19:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 19:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0041	1		04/16/15 19:13	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	103-65-1	
Styrene	ND	mg/kg	0.0041	1		04/16/15 19:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-67-8	
Vinyl acetate	ND	mg/kg	0.083	1		04/16/15 19:13	108-05-4	
Vinyl chloride	ND	mg/kg	0.0041	1		04/16/15 19:13	75-01-4	
Xylene (Total)	ND	mg/kg	0.0083	1		04/16/15 19:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 19:13	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		04/16/15 19:13	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	56-144	1		04/16/15 19:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.4**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-38-2	
Barium	**7.4**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:43	7440-43-9	
Chromium	**3.6**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-47-3	
Lead	**3.8**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7439-92-1	
Selenium	ND	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7782-49-2	
Silver	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:48	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	38-110	1	04/15/15 10:35	04/17/15 16:38	321-60-8	
p-Terphenyl-d14 (S)	68	%.	32-111	1	04/15/15 10:35	04/17/15 16:38	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.089	1		04/16/15 19:50	67-64-1	
Acrolein	ND	mg/kg	0.089	1		04/16/15 19:50	107-02-8	
Acrylonitrile	ND	mg/kg	0.089	1		04/16/15 19:50	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 19:50	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 19:50	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 19:50	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	98-06-6	
Carbon disulfide	ND	mg/kg	0.0089	1		04/16/15 19:50	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 19:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 19:50	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 19:50	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.089	1		04/16/15 19:50	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.089	1		04/16/15 19:50	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 19:50	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 19:50	110-54-3	
2-Hexanone	ND	mg/kg	0.089	1		04/16/15 19:50	591-78-6	
Iodomethane	ND	mg/kg	0.089	1		04/16/15 19:50	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 19:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 19:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 19:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 19:50	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 19:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-67-8	
Vinyl acetate	ND	mg/kg	0.089	1		04/16/15 19:50	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 19:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.0089	1		04/16/15 19:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 19:50	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 19:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	56-144	1		04/16/15 19:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.4**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.4**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-38-2	
Barium	**68.1**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	04/15/15 07:14	04/16/15 02:45	7440-43-9	
Chromium	**9.5**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-47-3	
Lead	**10.8**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7439-92-1	
Selenium	ND	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7782-49-2	
Silver	ND	mg/kg	0.54	1	04/15/15 07:14	04/16/15 02:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	04/20/15 14:55	04/21/15 10:50	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	38-110	1	04/15/15 10:35	04/17/15 16:55	321-60-8	
p-Terphenyl-d14 (S)	75	%.	32-111	1	04/15/15 10:35	04/17/15 16:55	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.085	1		04/16/15 18:18	67-64-1	
Acrolein	ND	mg/kg	0.085	1		04/16/15 18:18	107-02-8	
Acrylonitrile	ND	mg/kg	0.085	1		04/16/15 18:18	107-13-1	
Benzene	ND	mg/kg	0.0043	1		04/16/15 18:18	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-27-4	
Bromoform	ND	mg/kg	0.0043	1		04/16/15 18:18	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 18:18	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	98-06-6	
Carbon disulfide	ND	mg/kg	0.0085	1		04/16/15 18:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		04/16/15 18:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		04/16/15 18:18	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		04/16/15 18:18	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.085	1		04/16/15 18:18	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.085	1		04/16/15 18:18	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		04/16/15 18:18	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		04/16/15 18:18	110-54-3	
2-Hexanone	ND	mg/kg	0.085	1		04/16/15 18:18	591-78-6	
Iodomethane	ND	mg/kg	0.085	1		04/16/15 18:18	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		04/16/15 18:18	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 18:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		04/16/15 18:18	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	103-65-1	
Styrene	ND	mg/kg	0.0043	1		04/16/15 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-67-8	
Vinyl acetate	ND	mg/kg	0.085	1		04/16/15 18:18	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		04/16/15 18:18	75-01-4	
Xylene (Total)	ND	mg/kg	0.0085	1		04/16/15 18:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 18:18	1868-53-7	
Toluene-d8 (S)	92	%.	71-128	1		04/16/15 18:18	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 18:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.6**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.5**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-38-2	
Barium	**9.1**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:47	7440-43-9	
Chromium	**4.3**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-47-3	
Lead	**3.6**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7439-92-1	
Selenium	ND	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7782-49-2	
Silver	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:52	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	38-110	1	04/15/15 10:35	04/17/15 17:11	321-60-8	
p-Terphenyl-d14 (S)	79	%.	32-111	1	04/15/15 10:35	04/17/15 17:11	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 18:55	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 18:55	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 18:55	107-13-1	
Benzene	ND	mg/kg	0.0051	1		04/16/15 18:55	71-43-2	
Bromobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-86-1	
Bromochloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-27-4	
Bromoform	ND	mg/kg	0.0051	1		04/16/15 18:55	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		04/16/15 18:55	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 18:55	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1		04/16/15 18:55	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-00-3	
Chloroform	ND	mg/kg	0.0051	1		04/16/15 18:55	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0051	1		04/16/15 18:55	106-93-4	
Dibromomethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 18:55	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 18:55	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0051	1		04/16/15 18:55	87-68-3	
n-Hexane	ND	mg/kg	0.0051	1		04/16/15 18:55	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 18:55	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 18:55	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0051	1		04/16/15 18:55	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		04/16/15 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		04/16/15 18:55	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1		04/16/15 18:55	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	103-65-1	
Styrene	ND	mg/kg	0.0051	1		04/16/15 18:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	79-00-5	
Trichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 18:55	108-05-4	
Vinyl chloride	ND	mg/kg	0.0051	1		04/16/15 18:55	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 18:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 18:55	1868-53-7	
Toluene-d8 (S)	96	%.	71-128	1		04/16/15 18:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	56-144	1		04/16/15 18:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.7**	%	0.10	1		04/15/15 16:29		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-38-2	
Barium	**138**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:49	7440-43-9	
Chromium	**11.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-47-3	
Lead	**92.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.47**	mg/kg	0.23	1	04/20/15 14:57	04/21/15 11:16	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.014**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	83-32-9	
Acenaphthylene	**0.11**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	208-96-8	
Anthracene	**0.13**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	120-12-7	
Benzo(a)anthracene	**0.40**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	56-55-3	
Benzo(a)pyrene	**0.41**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	50-32-8	
Benzo(b)fluoranthene	**0.39**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	205-99-2	
Benzo(g,h,i)perylene	**0.24**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	191-24-2	
Benzo(k)fluoranthene	**0.40**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	207-08-9	
Chrysene	**0.43**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	218-01-9	
Dibenz(a,h)anthracene	**0.14**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	53-70-3	
Fluoranthene	**0.85**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	206-44-0	
Fluorene	**0.060**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.24**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	193-39-5	
1-Methylnaphthalene	**0.044**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	90-12-0	
2-Methylnaphthalene	**0.042**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	91-57-6	
Naphthalene	**0.075**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	91-20-3	
Phenanthrene	**0.70**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	85-01-8	
Pyrene	**0.67**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	38-110	1	04/15/15 11:09	04/16/15 17:06	321-60-8	
p-Terphenyl-d14 (S)	83	%.	32-111	1	04/15/15 11:09	04/16/15 17:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		04/16/15 19:31	67-64-1	
Acrolein	ND	mg/kg	0.12	1		04/16/15 19:31	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		04/16/15 19:31	107-13-1	
Benzene	ND	mg/kg	0.0058	1		04/16/15 19:31	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		04/16/15 19:31	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		04/16/15 19:31	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		04/16/15 19:31	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		04/16/15 19:31	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-90-7	
Chloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		04/16/15 19:31	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		04/16/15 19:31	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		04/16/15 19:31	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		04/16/15 19:31	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		04/16/15 19:31	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		04/16/15 19:31	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		04/16/15 19:31	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		04/16/15 19:31	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		04/16/15 19:31	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		04/16/15 19:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		04/16/15 19:31	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		04/16/15 19:31	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	103-65-1	
Styrene	ND	mg/kg	0.0058	1		04/16/15 19:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		04/16/15 19:31	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		04/16/15 19:31	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		04/16/15 19:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 19:31	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 19:31	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	56-144	1		04/16/15 19:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.0**	%	0.10	1		04/15/15 16:09		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587022** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 20:08	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 20:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 20:08	107-13-1	
Benzene	ND	mg/kg	0.0050	1		04/16/15 20:08	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		04/16/15 20:08	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		04/16/15 20:08	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 20:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		04/16/15 20:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		04/16/15 20:08	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		04/16/15 20:08	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 20:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 20:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		04/16/15 20:08	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		04/16/15 20:08	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 20:08	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 20:08	74-88-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587022** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		04/16/15 20:08	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		04/16/15 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		04/16/15 20:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		04/16/15 20:08	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	103-65-1	
Styrene	ND	mg/kg	0.0050	1		04/16/15 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	127-18-4	
Toluene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 20:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		04/16/15 20:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 20:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 20:08	1868-53-7	
Toluene-d8 (S)	92	%.	71-128	1		04/16/15 20:08	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	56-144	1		04/16/15 20:08	460-00-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-38-2	
Barium	**6760**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-39-3	
Cadmium	**10.7**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:31	7440-43-9	
Chromium	**779**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-47-3	
Lead	**806**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7439-92-1	
Selenium	**89.2**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:05	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 22:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	21-114	1	04/17/15 09:25	04/17/15 22:16	321-60-8	
p-Terphenyl-d14 (S)	79	%.	25-131	1	04/17/15 09:25	04/17/15 22:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 05:49	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 05:49	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 05:49	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 05:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 05:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 05:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 05:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 05:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 05:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 05:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 05:49	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 05:49	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 05:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 05:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 05:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 05:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 05:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 05:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 05:49	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 05:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 05:49	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 05:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 05:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 05:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 05:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 05:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 05:49	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 05:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:49	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 05:49	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 05:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 05:49	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 05:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 05:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	79-116	1		04/16/15 05:49	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 05:49	460-00-4	
Toluene-d8 (S)	103	%.	81-110	1		04/16/15 05:49	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:45	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**264**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-38-2	
Barium	**1670**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-39-3	
Cadmium	**5.6**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:46	7440-43-9	
Chromium	**354**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-47-3	
Lead	**470**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7439-92-1	
Selenium	**112**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:11	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 22:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	21-114	1	04/17/15 09:25	04/17/15 22:56	321-60-8	
p-Terphenyl-d14 (S)	82	%.	25-131	1	04/17/15 09:25	04/17/15 22:56	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:00	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:00	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:00	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:00	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:00	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:00	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:00	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:00	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:00	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:00	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:00	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:00	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:00	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:00	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:00	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:00	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:00	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:00	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:00	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:00	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:00	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:00	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:00	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:00	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	79-116	1		04/16/15 02:00	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 02:00	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 02:00	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:55	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**992**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-38-2	
Barium	**8750**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-39-3	
Cadmium	**15.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:48	7440-43-9	
Chromium	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-47-3	
Lead	**938**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7439-92-1	
Selenium	**374**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.1**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:13	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	53	%.	21-114	1	04/17/15 09:25	04/17/15 23:09	321-60-8	
p-Terphenyl-d14 (S)	76	%.	25-131	1	04/17/15 09:25	04/17/15 23:09	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:25	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:25	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:25	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:25	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:25	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:25	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:25	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:25	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:25	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:25	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:25	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:25	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:25	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:25	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:25	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	79-116	1		04/16/15 02:25	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 02:25	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 02:25	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:57	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**705**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-38-2	
Barium	**2570**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-39-3	
Cadmium	**13.2**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:50	7440-43-9	
Chromium	**609**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-47-3	
Lead	**1380**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7439-92-1	
Selenium	**52.4**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.3**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:15	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	21-114	1	04/17/15 09:25	04/17/15 23:23	321-60-8	
p-Terphenyl-d14 (S)	69	%.	25-131	1	04/17/15 09:25	04/17/15 23:23	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:51	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:51	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:51	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:51	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	79-116	1		04/16/15 02:51	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 02:51	460-00-4	
Toluene-d8 (S)	102	%.	81-110	1		04/16/15 02:51	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:03	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**948**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-38-2	
Barium	**5220**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-39-3	
Cadmium	**13.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:53	7440-43-9	
Chromium	**942**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-47-3	
Lead	**1720**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7439-92-1	
Selenium	**109**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7782-49-2	
Silver	ND	ug/L	50.0	5	04/16/15 08:21	04/20/15 12:10	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**4.7**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:17	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	21-114	1	04/17/15 09:25	04/17/15 23:36	321-60-8	
p-Terphenyl-d14 (S)	77	%.	25-131	1	04/17/15 09:25	04/17/15 23:36	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 03:16	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 03:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 03:16	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 03:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 03:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 03:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 03:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 03:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 03:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 03:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 03:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 03:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 03:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 03:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 03:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 03:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 03:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 03:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 03:16	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 03:16	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 03:16	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 03:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 03:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 03:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 03:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 03:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 03:16	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 03:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 03:16	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 03:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 03:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 03:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 03:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-116	1		04/16/15 03:16	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 03:16	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 03:16	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:06	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**896**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-38-2	
Barium	**4570**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-39-3	
Cadmium	**9.1**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:56	7440-43-9	
Chromium	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-47-3	
Lead	**762**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7439-92-1	
Selenium	**499**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:19	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	28	%.	21-114	1	04/17/15 09:25	04/17/15 23:49	321-60-8	
p-Terphenyl-d14 (S)	75	%.	25-131	1	04/17/15 09:25	04/17/15 23:49	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 03:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 03:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 03:42	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 03:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 03:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 03:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 03:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 03:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 03:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 03:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 03:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 03:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 03:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 03:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 03:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 03:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 03:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 03:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 03:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 03:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 03:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 03:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 03:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 03:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 03:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 03:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 03:42	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 03:42	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 03:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 03:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 03:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 03:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-116	1		04/16/15 03:42	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 03:42	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 03:42	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:17	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1530**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-38-2	
Barium	**4850**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-39-3	
Cadmium	**13.9**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:58	7440-43-9	
Chromium	**1060**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-47-3	
Lead	**1060**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7439-92-1	
Selenium	**285**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.2**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:25	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	21-114	1	04/17/15 09:25	04/18/15 00:03	321-60-8	
p-Terphenyl-d14 (S)	77	%.	25-131	1	04/17/15 09:25	04/18/15 00:03	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:07	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:07	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:07	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:07	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:07	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:07	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:07	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:07	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:07	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:07	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:07	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-71-8	
1,1-Dichloroethane	**6.2**	ug/L	5.0	1		04/16/15 04:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:07	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:07	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:07	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:07	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:07	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:07	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:07	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:07	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:07	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	79-116	1		04/16/15 04:07	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 04:07	460-00-4	
Toluene-d8 (S)	104	%.	81-110	1		04/16/15 04:07	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:17	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1260**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-38-2	
Barium	**4920**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-39-3	
Cadmium	**10.6**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:01	7440-43-9	
Chromium	**532**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-47-3	
Lead	**992**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7439-92-1	
Selenium	**348**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:27	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	53	%.	21-114	1	04/17/15 09:25	04/18/15 00:16	321-60-8	
p-Terphenyl-d14 (S)	76	%.	25-131	1	04/17/15 09:25	04/18/15 00:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:33	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:33	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:33	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:33	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:33	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:33	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:33	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:33	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:33	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:33	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:33	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:33	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:33	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:33	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:33	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 04:33	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 04:33	460-00-4	
Toluene-d8 (S)	98	%.	81-110	1		04/16/15 04:33	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:19	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1510**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-38-2	
Barium	**6410**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-39-3	
Cadmium	**32.0**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:03	7440-43-9	
Chromium	**2950**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-47-3	
Lead	**1810**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7439-92-1	
Selenium	**723**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7782-49-2	
Silver	ND	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:29	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	50	%.	21-114	1	04/17/15 09:25	04/18/15 00:29	321-60-8	
p-Terphenyl-d14 (S)	66	%.	25-131	1	04/17/15 09:25	04/18/15 00:29	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:58	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:58	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:58	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:58	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:58	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 04:58	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 04:58	460-00-4	
Toluene-d8 (S)	104	%.	81-110	1		04/16/15 04:58	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:26	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**2010**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-38-2	
Barium	**5730**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-39-3	
Cadmium	**26.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:05	7440-43-9	
Chromium	**853**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-47-3	
Lead	**1290**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7439-92-1	
Selenium	**148**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**6.4**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:31	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	21-114	1	04/17/15 09:25	04/18/15 00:43	321-60-8	
p-Terphenyl-d14 (S)	83	%.	25-131	1	04/17/15 09:25	04/18/15 00:43	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 05:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 05:24	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 05:24	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 05:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 05:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 05:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 05:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 05:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 05:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 05:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 05:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 05:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 05:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 05:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 05:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 05:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 05:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 05:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 05:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 05:24	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 05:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 05:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 05:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 05:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 05:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 05:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 05:24	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 05:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:24	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 05:24	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 05:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 05:24	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 05:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 05:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 05:24	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	80-114	1		04/16/15 05:24	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 05:24	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:27	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**568**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-38-2	
Barium	**2900**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-39-3	
Cadmium	**10.1**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:08	7440-43-9	
Chromium	**561**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-47-3	
Lead	**894**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7439-92-1	
Selenium	**230**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:34	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	21-114	1	04/17/15 09:25	04/18/15 00:56	321-60-8	
p-Terphenyl-d14 (S)	83	%.	25-131	1	04/17/15 09:25	04/18/15 00:56	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 15:28	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 15:28	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 15:28	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 15:28	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 15:28	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 15:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 15:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 15:28	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 15:28	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 15:28	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 15:28	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 15:28	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 15:28	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:28	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:28	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 15:28	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 15:28	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 15:28	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 15:28	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 15:28	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 15:28	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 15:28	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 15:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 15:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 15:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 15:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 15:28	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:28	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 15:28	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 15:28	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 15:28	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 15:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	79-116	1		04/16/15 15:28	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 15:28	460-00-4	
Toluene-d8 (S)	100	%.	81-110	1		04/16/15 15:28	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:27	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587034** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 15:54	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 15:54	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 15:54	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 15:54	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 15:54	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 15:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 15:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 15:54	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 15:54	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 15:54	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 15:54	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 15:54	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 15:54	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:54	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:54	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 15:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 15:54	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 15:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 15:54	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 15:54	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 15:54	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 15:54	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 15:54	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 15:54	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 15:54	98-82-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587034** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 15:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 15:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 15:54	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:54	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 15:54	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 15:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 15:54	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 15:54	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 15:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	79-116	1		04/16/15 15:54	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 15:54	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 15:54	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6285 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1278573 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	04/20/15 09:44	

LABORATORY CONTROL SAMPLE: 1278574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1278575 — 1278576

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.9	5.8	89	86	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6280 — Analysis Method: EPA 7471
QC Batch Method: EPA 7471 — Analysis Description: 7471 Mercury
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

METHOD BLANK: 1277405 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	04/21/15 09:52	

LABORATORY CONTROL SAMPLE: 1277406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.51	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277407 1277408

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.6	.6	0.64	0.65	99	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6281 — Analysis Method: EPA 7471
QC Batch Method: EPA 7471 — Analysis Description: 7471 Mercury
Associated Lab Samples: 50116587021

METHOD BLANK: 1277418 — Matrix: Solid
Associated Lab Samples: 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	04/21/15 10:54	

LABORATORY CONTROL SAMPLE: 1277419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277420 1277421

Parameter	Units	40113225001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.015J	.51	.52	0.51	0.54	98	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15907
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 50116587001, 50116587002

METHOD BLANK: 1275320
Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	04/15/15 13:09	
Barium	mg/kg	ND	1.0	04/15/15 13:09	
Cadmium	mg/kg	ND	0.50	04/15/15 13:09	
Chromium	mg/kg	ND	1.0	04/15/15 13:09	
Lead	mg/kg	ND	1.0	04/15/15 13:09	
Selenium	mg/kg	ND	1.0	04/15/15 13:09	
Silver	mg/kg	ND	0.50	04/15/15 13:09	

LABORATORY CONTROL SAMPLE: 1275321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	50.9	102	80-120	
Barium	mg/kg	50	49.4	99	80-120	
Cadmium	mg/kg	50	49.7	99	80-120	
Chromium	mg/kg	50	49.6	99	80-120	
Lead	mg/kg	50	48.4	97	80-120	
Selenium	mg/kg	50	50.9	102	80-120	
Silver	mg/kg	25	23.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275322 1275323

Parameter	Units	50116587002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	4.1	44.4	48	49.0	52.4	101	101	75-125	7	20	
Barium	mg/kg	10.7	44.4	48	50.9	55.9	90	94	75-125	9	20	
Cadmium	mg/kg	ND	44.4	48	44.9	47.0	101	98	75-125	5	20	
Chromium	mg/kg	3.7	44.4	48	42.8	47.3	88	91	75-125	10	20	
Lead	mg/kg	3.9	44.4	48	40.6	43.8	83	83	75-125	8	20	
Selenium	mg/kg	ND	44.4	48	45.6	48.2	103	100	75-125	6	20	
Silver	mg/kg	ND	22.2	24	20.2	21.4	91	89	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15908 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020, 50116587021

METHOD BLANK: 1275326 Matrix: Solid
Associated Lab Samples: 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020, 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	04/16/15 01:49	
Barium	mg/kg	ND	1.0	04/16/15 01:49	
Cadmium	mg/kg	ND	0.50	04/16/15 01:49	
Chromium	mg/kg	ND	1.0	04/16/15 01:49	
Lead	mg/kg	ND	1.0	04/16/15 01:49	
Selenium	mg/kg	ND	1.0	04/16/15 01:49	
Silver	mg/kg	ND	0.50	04/16/15 01:49	

LABORATORY CONTROL SAMPLE: 1275327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.2	98	80-120	
Barium	mg/kg	50	47.1	94	80-120	
Cadmium	mg/kg	50	48.5	97	80-120	
Chromium	mg/kg	50	48.2	96	80-120	
Lead	mg/kg	50	46.2	92	80-120	
Selenium	mg/kg	50	48.2	96	80-120	
Silver	mg/kg	25	23.4	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275328 1275329

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	7.6	54	50.9	56.8	54.7	91	93	75-125	4	20	
Barium	mg/kg	69.0	54	50.9	123	119	101	99	75-125	3	20	
Cadmium	mg/kg	ND	54	50.9	49.7	47.0	92	92	75-125	6	20	
Chromium	mg/kg	13.1	54	50.9	64.2	60.6	95	93	75-125	6	20	
Lead	mg/kg	8.6	54	50.9	54.3	50.3	85	82	75-125	8	20	
Selenium	mg/kg	ND	54	50.9	47.5	45.3	88	89	75-125	5	20	
Silver	mg/kg	ND	26.9	25.4	23.1	21.9	86	86	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15925 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1276234 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	04/17/15 14:23	
Barium	ug/L	ND	10.0	04/17/15 14:23	
Cadmium	ug/L	ND	2.0	04/17/15 14:23	
Chromium	ug/L	ND	10.0	04/17/15 14:23	
Lead	ug/L	ND	10.0	04/17/15 14:23	
Selenium	ug/L	ND	10.0	04/17/15 14:23	
Silver	ug/L	ND	10.0	04/17/15 14:23	

LABORATORY CONTROL SAMPLE: 1276235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	940	94	80-120	
Barium	ug/L	1000	915	92	80-120	
Cadmium	ug/L	1000	921	92	80-120	
Chromium	ug/L	1000	885	88	80-120	
Lead	ug/L	1000	906	91	80-120	
Selenium	ug/L	1000	959	96	80-120	
Silver	ug/L	500	446	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276236 — 1276237

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	751	1000	1000	1700	1640	95	89	75-125	3	20	
Barium	ug/L	6760	1000	1000	7330	7530	57	77	75-125	3	20	P6
Cadmium	ug/L	10.7	1000	1000	944	907	93	90	75-125	4	20	
Chromium	ug/L	779	1000	1000	1470	1520	69	74	75-125	3	20	M3
Lead	ug/L	806	1000	1000	1500	1440	69	63	75-125	4	20	M3
Selenium	ug/L	89.2	1000	1000	1010	970	92	88	75-125	4	20	
Silver	ug/L	ND	500	500	401	406	80	81	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75650 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

METHOD BLANK: 1275957 Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,3-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
2,2-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
2-Butanone (MEK)	ug/L	ND	25.0	04/15/15 22:35	
2-Chlorotoluene	ug/L	ND	5.0	04/15/15 22:35	
2-Hexanone	ug/L	ND	25.0	04/15/15 22:35	
4-Chlorotoluene	ug/L	ND	5.0	04/15/15 22:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/15/15 22:35	
Acetone	ug/L	ND	100	04/15/15 22:35	
Acrolein	ug/L	ND	50.0	04/15/15 22:35	
Acrylonitrile	ug/L	ND	100	04/15/15 22:35	
Benzene	ug/L	ND	5.0	04/15/15 22:35	
Bromobenzene	ug/L	ND	5.0	04/15/15 22:35	
Bromochloromethane	ug/L	ND	5.0	04/15/15 22:35	
Bromodichloromethane	ug/L	ND	5.0	04/15/15 22:35	
Bromoform	ug/L	ND	5.0	04/15/15 22:35	
Bromomethane	ug/L	ND	5.0	04/15/15 22:35	
Carbon disulfide	ug/L	ND	10.0	04/15/15 22:35	
Carbon tetrachloride	ug/L	ND	5.0	04/15/15 22:35	
Chlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
Chloroethane	ug/L	ND	5.0	04/15/15 22:35	
Chloroform	ug/L	ND	5.0	04/15/15 22:35	
Chloromethane	ug/L	ND	5.0	04/15/15 22:35	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1275957 Matrix: Water

Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
Dibromochloromethane	ug/L	ND	5.0	04/15/15 22:35	
Dibromomethane	ug/L	ND	5.0	04/15/15 22:35	
Dichlorodifluoromethane	ug/L	ND	5.0	04/15/15 22:35	
Ethyl methacrylate	ug/L	ND	100	04/15/15 22:35	
Ethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/15/15 22:35	
Iodomethane	ug/L	ND	10.0	04/15/15 22:35	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/15/15 22:35	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/15/15 22:35	
Methylene Chloride	ug/L	ND	5.0	04/15/15 22:35	
n-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
n-Hexane	ug/L	ND	5.0	04/15/15 22:35	
n-Propylbenzene	ug/L	ND	5.0	04/15/15 22:35	
p-Isopropyltoluene	ug/L	ND	5.0	04/15/15 22:35	
sec-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Styrene	ug/L	ND	5.0	04/15/15 22:35	
tert-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Tetrachloroethene	ug/L	ND	5.0	04/15/15 22:35	
Toluene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/15/15 22:35	
Trichloroethene	ug/L	ND	5.0	04/15/15 22:35	
Trichlorofluoromethane	ug/L	ND	5.0	04/15/15 22:35	
Vinyl acetate	ug/L	ND	50.0	04/15/15 22:35	
Vinyl chloride	ug/L	ND	2.0	04/15/15 22:35	
Xylene (Total)	ug/L	ND	10.0	04/15/15 22:35	
4-Bromofluorobenzene (S)	%.	99	80-114	04/15/15 22:35	
Dibromofluoromethane (S)	%.	102	79-116	04/15/15 22:35	
Toluene-d8 (S)	%.	105	81-110	04/15/15 22:35	

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.2	120	61-135	
1,1,1-Trichloroethane	ug/L	50	55.2	110	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	66-126	
1,1,2-Trichloroethane	ug/L	50	54.8	110	77-130	
1,1-Dichloroethane	ug/L	50	53.6	107	75-130	
1,1-Dichloroethene	ug/L	50	51.2	102	68-127	
1,1-Dichloropropene	ug/L	50	54.8	110	78-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	57.8	116	70-130	
1,2,3-Trichloropropane	ug/L	50	55.1	110	58-142	
1,2,4-Trichlorobenzene	ug/L	50	61.9	124	68-131	
1,2,4-Trimethylbenzene	ug/L	50	56.8	114	69-127	
1,2-Dibromoethane (EDB)	ug/L	50	56.5	113	76-125	
1,2-Dichlorobenzene	ug/L	50	53.9	108	75-123	
1,2-Dichloroethane	ug/L	50	53.6	107	75-128	
1,2-Dichloropropane	ug/L	50	55.2	110	74-121	
1,3,5-Trimethylbenzene	ug/L	50	56.3	113	70-126	
1,3-Dichlorobenzene	ug/L	50	54.8	110	74-122	
1,3-Dichloropropane	ug/L	50	57.0	114	74-123	
1,4-Dichlorobenzene	ug/L	50	55.6	111	76-120	
2,2-Dichloropropane	ug/L	50	46.1	92	50-137	
2-Butanone (MEK)	ug/L	250	285	114	58-139	
2-Chlorotoluene	ug/L	50	55.2	110	74-122	
2-Hexanone	ug/L	250	270	108	54-140	
4-Chlorotoluene	ug/L	50	55.1	110	77-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	271	108	58-138	
Acetone	ug/L	250	246	98	49-150	
Acrolein	ug/L	1000	1530	153	41-200	
Acrylonitrile	ug/L	200	211	106	63-137	
Benzene	ug/L	50	56.6	113	74-122	
Bromobenzene	ug/L	50	54.1	108	72-127	
Bromochloromethane	ug/L	50	59.1	118	63-132	
Bromodichloromethane	ug/L	50	53.1	106	62-136	
Bromoform	ug/L	50	45.7	91	44-134	
Bromomethane	ug/L	50	59.8	120	22-181	
Carbon disulfide	ug/L	50	58.7	117	59-132	
Carbon tetrachloride	ug/L	50	56.3	113	56-137	
Chlorobenzene	ug/L	50	57.5	115	78-123	
Chloroethane	ug/L	50	62.6	125	60-144	
Chloroform	ug/L	50	49.8	100	78-126	
Chloromethane	ug/L	50	60.4	121	42-134	
cis-1,2-Dichloroethene	ug/L	50	57.6	115	75-122	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	64-126	
Dibromochloromethane	ug/L	50	58.4	117	58-128	
Dibromomethane	ug/L	50	62.0	124	73-125	
Dichlorodifluoromethane	ug/L	50	50.9	102	35-181	
Ethyl methacrylate	ug/L	200	241	121	69-133	
Ethylbenzene	ug/L	50	55.8	112	66-133	
Hexachloro-1,3-butadiene	ug/L	50	57.9	116	59-145	
Iodomethane	ug/L	100	113	113	21-170	
Isopropylbenzene (Cumene)	ug/L	50	58.2	116	69-124	
Methyl-tert-butyl ether	ug/L	50	53.7	107	69-122	
Methylene Chloride	ug/L	50	51.5	103	68-132	
n-Butylbenzene	ug/L	50	56.0	112	70-126	
n-Hexane	ug/L	50	33.3	67	51-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	55.2	110	71-122	
p-Isopropyltoluene	ug/L	50	55.7	111	72-132	
sec-Butylbenzene	ug/L	50	57.9	116	70-128	
Styrene	ug/L	50	57.5	115	74-126	
tert-Butylbenzene	ug/L	50	47.8	96	51-118	
Tetrachloroethene	ug/L	50	56.6	113	69-130	
Toluene	ug/L	50	54.5	109	72-122	
trans-1,2-Dichloroethene	ug/L	50	58.5	117	72-124	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	64-121	
trans-1,4-Dichloro-2-butene	ug/L	200	190	95	56-133	
Trichloroethene	ug/L	50	55.5	111	76-126	
Trichlorofluoromethane	ug/L	50	57.4	115	76-149	
Vinyl acetate	ug/L	200	242	121	45-151	
Vinyl chloride	ug/L	50	60.0	120	59-126	
Xylene (Total)	ug/L	150	165	110	70-124	
4-Bromofluorobenzene (S)	%.			98	80-114	
Dibromofluoromethane (S)	%.			102	79-116	
Toluene-d8 (S)	%.			100	81-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	51.7	51.2	103	102	50-132	1	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	48.3	50.7	97	101	60-138	5	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	47.6	48.7	95	97	55-128	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	45.2	44.2	90	88	61-139	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	47.3	49.8	95	100	57-147	5	20	
1,1-Dichloroethene	ug/L	ND	50	50	46.3	49.4	93	99	55-145	6	20	
1,1-Dichloropropene	ug/L	ND	50	50	48.5	50.3	97	101	55-147	3	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	48.4	52.4	97	105	31-141	8	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	46.9	45.0	94	90	58-133	4	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	50.5	55.2	101	110	25-143	9	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	47.1	48.6	94	97	18-149	3	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	50.1	48.2	100	96	63-129	4	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	46.6	49.0	93	98	38-136	5	20	
1,2-Dichloroethane	ug/L	ND	50	50	45.9	47.6	92	95	62-138	4	20	
1,2-Dichloropropane	ug/L	ND	50	50	43.2	46.5	86	93	59-130	7	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	46.9	48.8	94	98	20-147	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	46.1	46.4	92	93	28-141	1	20	
1,3-Dichloropropane	ug/L	ND	50	50	47.6	48.5	95	97	62-127	2	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	46.2	47.6	92	95	30-139	3	20	
2,2-Dichloropropane	ug/L	ND	50	50	37.7	38.6	75	77	37-139	3	20	
2-Butanone (MEK)	ug/L	ND	250	250	235	244	89	93	37-156	4	20	
2-Chlorotoluene	ug/L	ND	50	50	48.0	48.6	96	97	27-142	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	250	250	213	209	85	84	44-143	2	20	
4-Chlorotoluene	ug/L	ND	50	50	45.5	46.9	91	94	27-144	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	229	239	92	96	46-144	4	20	
Acetone	ug/L	ND	250	250	200	196	79	78	39-156	2	20	
Acrolein	ug/L	ND	1000	1000	1300	1370	130	137	33-200	5	20	
Acrylonitrile	ug/L	ND	200	200	180	186	90	93	48-149	3	20	
Benzene	ug/L	ND	50	50	48.7	50.7	97	101	62-129	4	20	
Bromobenzene	ug/L	ND	50	50	46.1	44.7	92	89	39-140	3	20	
Bromochloromethane	ug/L	ND	50	50	49.7	53.7	99	107	49-142	8	20	
Bromodichloromethane	ug/L	ND	50	50	43.0	44.4	86	89	50-142	3	20	
Bromoform	ug/L	ND	50	50	34.4	35.9	69	72	36-125	4	20	
Bromomethane	ug/L	ND	50	50	52.3	57.3	105	115	13-179	9	20	
Carbon disulfide	ug/L	ND	50	50	41.2	43.0	82	86	45-142	4	20	
Carbon tetrachloride	ug/L	ND	50	50	48.2	50.0	96	100	46-142	4	20	
Chlorobenzene	ug/L	ND	50	50	49.3	49.6	99	99	49-136	1	20	
Chloroethane	ug/L	ND	50	50	58.2	61.6	116	123	47-160	6	20	
Chloroform	ug/L	ND	50	50	43.9	44.8	88	90	54-150	2	20	
Chloromethane	ug/L	ND	50	50	53.6	57.1	107	114	30-148	6	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	48.2	52.0	96	104	60-135	8	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	43.5	44.3	87	89	52-123	2	20	
Dibromochloromethane	ug/L	ND	50	50	46.1	50.0	92	100	48-125	8	20	
Dibromomethane	ug/L	ND	50	50	51.3	52.1	103	104	59-134	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	73.2	73.3	146	147	24-197	0	20	
Ethyl methacrylate	ug/L	ND	200	200	192	199	96	99	55-139	3	20	
Ethylbenzene	ug/L	ND	50	50	49.4	47.0	99	94	28-153	5	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	48.3	53.9	97	108	10-176	11	20	
Iodomethane	ug/L	ND	100	100	98.8	107	99	107	17-157	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	51.1	50.1	102	100	18-152	2	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	44.8	48.7	90	97	63-130	8	20	
Methylene Chloride	ug/L	ND	50	50	43.4	48.1	87	96	45-156	10	20	
n-Butylbenzene	ug/L	ND	50	50	46.2	48.4	92	97	10-161	5	20	
n-Hexane	ug/L	ND	50	50	45.4	44.2	91	88	33-144	3	20	
n-Propylbenzene	ug/L	ND	50	50	46.8	47.1	94	94	16-150	1	20	
p-Isopropyltoluene	ug/L	ND	50	50	46.2	47.5	92	95	10-163	3	20	
sec-Butylbenzene	ug/L	ND	50	50	49.3	49.1	99	98	10-160	0	20	
Styrene	ug/L	ND	50	50	48.1	47.2	96	94	36-139	2	20	
tert-Butylbenzene	ug/L	ND	50	50	40.9	43.6	82	87	12-134	6	20	
Tetrachloroethene	ug/L	ND	50	50	52.7	51.3	104	101	33-151	3	20	
Toluene	ug/L	ND	50	50	49.2	48.6	97	95	50-132	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	51.2	51.7	102	103	40-153	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	43.0	42.5	86	85	48-122	1	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	125	124	62	62	32-139	1	20	
Trichloroethene	ug/L	ND	50	50	46.6	48.0	93	96	50-143	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	63.7	63.6	127	127	60-175	0	20	
Vinyl acetate	ug/L	ND	200	200	193	201	97	100	17-142	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	ND	50	50	60.4	62.9	121	126	44-145	4	20	
Xylene (Total)	ug/L	ND	150	150	143	139	95	93	29-145	2	20	
4-Bromofluorobenzene (S)	%.						100	97	80-114			
Dibromofluoromethane (S)	%.						101	102	79-116			
Toluene-d8 (S)	%.						100	100	81-110			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75678 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 50116587033, 50116587034

METHOD BLANK: 1276441 | Matrix: Water
Associated Lab Samples: 50116587033, 50116587034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,3-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
2,2-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
2-Butanone (MEK)	ug/L	ND	25.0	04/16/15 10:47	
2-Chlorotoluene	ug/L	ND	5.0	04/16/15 10:47	
2-Hexanone	ug/L	ND	25.0	04/16/15 10:47	
4-Chlorotoluene	ug/L	ND	5.0	04/16/15 10:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/16/15 10:47	
Acetone	ug/L	ND	100	04/16/15 10:47	
Acrolein	ug/L	ND	50.0	04/16/15 10:47	
Acrylonitrile	ug/L	ND	100	04/16/15 10:47	
Benzene	ug/L	ND	5.0	04/16/15 10:47	
Bromobenzene	ug/L	ND	5.0	04/16/15 10:47	
Bromochloromethane	ug/L	ND	5.0	04/16/15 10:47	
Bromodichloromethane	ug/L	ND	5.0	04/16/15 10:47	
Bromoform	ug/L	ND	5.0	04/16/15 10:47	
Bromomethane	ug/L	ND	5.0	04/16/15 10:47	
Carbon disulfide	ug/L	ND	10.0	04/16/15 10:47	
Carbon tetrachloride	ug/L	ND	5.0	04/16/15 10:47	
Chlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
Chloroethane	ug/L	ND	5.0	04/16/15 10:47	
Chloroform	ug/L	ND	5.0	04/16/15 10:47	
Chloromethane	ug/L	ND	5.0	04/16/15 10:47	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276441 Matrix: Water
Associated Lab Samples: 50116587033, 50116587034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
Dibromochloromethane	ug/L	ND	5.0	04/16/15 10:47	
Dibromomethane	ug/L	ND	5.0	04/16/15 10:47	
Dichlorodifluoromethane	ug/L	ND	5.0	04/16/15 10:47	
Ethyl methacrylate	ug/L	ND	100	04/16/15 10:47	
Ethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/16/15 10:47	
Iodomethane	ug/L	ND	10.0	04/16/15 10:47	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/16/15 10:47	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/16/15 10:47	
Methylene Chloride	ug/L	ND	5.0	04/16/15 10:47	
n-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
n-Hexane	ug/L	ND	5.0	04/16/15 10:47	
n-Propylbenzene	ug/L	ND	5.0	04/16/15 10:47	
p-Isopropyltoluene	ug/L	ND	5.0	04/16/15 10:47	
sec-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Styrene	ug/L	ND	5.0	04/16/15 10:47	
tert-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Tetrachloroethene	ug/L	ND	5.0	04/16/15 10:47	
Toluene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/16/15 10:47	
Trichloroethene	ug/L	ND	5.0	04/16/15 10:47	
Trichlorofluoromethane	ug/L	ND	5.0	04/16/15 10:47	
Vinyl acetate	ug/L	ND	50.0	04/16/15 10:47	
Vinyl chloride	ug/L	ND	2.0	04/16/15 10:47	
Xylene (Total)	ug/L	ND	10.0	04/16/15 10:47	
4-Bromofluorobenzene (S)	%.	97	80-114	04/16/15 10:47	
Dibromofluoromethane (S)	%.	104	79-116	04/16/15 10:47	
Toluene-d8 (S)	%.	99	81-110	04/16/15 10:47	

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.9	110	61-135	
1,1,1-Trichloroethane	ug/L	50	52.3	105	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	101	66-126	
1,1,2-Trichloroethane	ug/L	50	52.4	105	77-130	
1,1-Dichloroethane	ug/L	50	51.4	103	75-130	
1,1-Dichloroethene	ug/L	50	46.5	93	68-127	
1,1-Dichloropropene	ug/L	50	49.1	98	78-130	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	70-130	
1,2,3-Trichloropropane	ug/L	50	52.3	105	58-142	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	58.3	117	68-131	
1,2,4-Trimethylbenzene	ug/L	50	52.5	105	69-127	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	109	76-125	
1,2-Dichlorobenzene	ug/L	50	51.8	104	75-123	
1,2-Dichloroethane	ug/L	50	50.5	101	75-128	
1,2-Dichloropropane	ug/L	50	51.0	102	74-121	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	70-126	
1,3-Dichlorobenzene	ug/L	50	53.3	107	74-122	
1,3-Dichloropropane	ug/L	50	53.9	108	74-123	
1,4-Dichlorobenzene	ug/L	50	52.3	105	76-120	
2,2-Dichloropropane	ug/L	50	56.8	114	50-137	
2-Butanone (MEK)	ug/L	250	261	104	58-139	
2-Chlorotoluene	ug/L	50	51.4	103	74-122	
2-Hexanone	ug/L	250	250	100	54-140	
4-Chlorotoluene	ug/L	50	52.6	105	77-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	256	102	58-138	
Acetone	ug/L	250	216	86	49-150	
Acrolein	ug/L	1000	1490	149	41-200	
Acrylonitrile	ug/L	200	196	98	63-137	
Benzene	ug/L	50	52.8	106	74-122	
Bromobenzene	ug/L	50	53.3	107	72-127	
Bromochloromethane	ug/L	50	54.8	110	63-132	
Bromodichloromethane	ug/L	50	51.0	102	62-136	
Bromoform	ug/L	50	43.0	86	44-134	
Bromomethane	ug/L	50	57.7	115	22-181	
Carbon disulfide	ug/L	50	53.0	106	59-132	
Carbon tetrachloride	ug/L	50	49.6	99	56-137	
Chlorobenzene	ug/L	50	53.9	108	78-123	
Chloroethane	ug/L	50	60.2	120	60-144	
Chloroform	ug/L	50	47.7	95	78-126	
Chloromethane	ug/L	50	54.5	109	42-134	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	75-122	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	64-126	
Dibromochloromethane	ug/L	50	54.9	110	58-128	
Dibromomethane	ug/L	50	57.5	115	73-125	
Dichlorodifluoromethane	ug/L	50	40.7	81	35-181	
Ethyl methacrylate	ug/L	200	230	115	69-133	
Ethylbenzene	ug/L	50	53.1	106	66-133	
Hexachloro-1,3-butadiene	ug/L	50	53.7	107	59-145	
Iodomethane	ug/L	100	107	107	21-170	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	69-124	
Methyl-tert-butyl ether	ug/L	50	49.6	99	69-122	
Methylene Chloride	ug/L	50	47.9	96	68-132	
n-Butylbenzene	ug/L	50	52.3	105	70-126	
n-Hexane	ug/L	50	33.7	67	51-125	
n-Propylbenzene	ug/L	50	49.9	100	71-122	
p-Isopropyltoluene	ug/L	50	51.4	103	72-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	52.0	104	70-128	
Styrene	ug/L	50	56.2	112	74-126	
tert-Butylbenzene	ug/L	50	43.6	87	51-118	
Tetrachloroethene	ug/L	50	53.8	108	69-130	
Toluene	ug/L	50	52.3	105	72-122	
trans-1,2-Dichloroethene	ug/L	50	53.8	108	72-124	
trans-1,3-Dichloropropene	ug/L	50	55.2	110	64-121	
trans-1,4-Dichloro-2-butene	ug/L	200	213	106	56-133	
Trichloroethene	ug/L	50	49.6	99	76-126	
Trichlorofluoromethane	ug/L	50	53.0	106	76-149	
Vinyl acetate	ug/L	200	229	115	45-151	
Vinyl chloride	ug/L	50	55.4	111	59-126	
Xylene (Total)	ug/L	150	155	103	70-124	
4-Bromofluorobenzene (S)	%.			103	80-114	
Dibromofluoromethane (S)	%.			103	79-116	
Toluene-d8 (S)	%.			103	81-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	53.5	58.5	107	117	50-132	9	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.9	56.4	104	113	60-138	8	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	48.0	56.0	96	112	55-128	16	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	48.0	55.2	96	110	61-139	14	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.2	54.8	100	110	57-147	9	20	
1,1-Dichloroethene	ug/L	ND	50	50	51.0	56.5	102	113	55-145	10	20	
1,1-Dichloropropene	ug/L	ND	50	50	52.5	57.2	105	114	55-147	9	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	50.6	60.2	101	120	31-141	17	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	48.4	52.7	97	105	58-133	9	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	52.5	62.1	105	124	25-143	17	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	44.6	51.2	89	102	18-149	14	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	51.6	55.2	103	110	63-129	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	49.4	58.9	99	118	38-136	18	20	
1,2-Dichloroethane	ug/L	ND	50	50	47.1	50.7	94	101	62-138	7	20	
1,2-Dichloropropane	ug/L	ND	50	50	48.2	52.5	96	105	59-130	8	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	45.6	52.1	91	104	20-147	13	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	50.0	56.7	100	113	28-141	13	20	
1,3-Dichloropropane	ug/L	ND	50	50	51.7	56.2	103	112	62-127	8	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	48.8	55.4	98	111	30-139	13	20	
2,2-Dichloropropane	ug/L	ND	50	50	51.7	54.4	103	109	37-139	5	20	
2-Butanone (MEK)	ug/L	ND	250	250	239	281	96	112	37-156	16	20	
2-Chlorotoluene	ug/L	ND	50	50	48.5	56.0	97	112	27-142	14	20	
2-Hexanone	ug/L	ND	250	250	240	276	96	110	44-143	14	20	
4-Chlorotoluene	ug/L	ND	50	50	49.5	57.2	99	114	27-144	14	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	245	281	98	112	46-144	14	20	
Acetone	ug/L	ND	250	250	200	235	80	94	39-156	16	20	
Acrolein	ug/L	ND	1000	1000	1140	1270	114	127	33-200	10	20	
Acrylonitrile	ug/L	ND	200	200	179	201	89	100	48-149	12	20	
Benzene	ug/L	ND	50	50	51.4	56.1	103	112	62-129	9	20	
Bromobenzene	ug/L	ND	50	50	50.7	53.8	101	108	39-140	6	20	
Bromochloromethane	ug/L	ND	50	50	51.5	56.7	103	113	49-142	9	20	
Bromodichloromethane	ug/L	ND	50	50	45.2	49.6	90	99	50-142	9	20	
Bromoform	ug/L	ND	50	50	35.9	39.1	72	78	36-125	9	20	
Bromomethane	ug/L	ND	50	50	55.5	61.7	111	123	13-179	11	20	
Carbon disulfide	ug/L	ND	50	50	49.0	52.7	98	105	45-142	7	20	
Carbon tetrachloride	ug/L	ND	50	50	53.1	58.7	106	117	46-142	10	20	
Chlorobenzene	ug/L	ND	50	50	52.6	58.3	105	117	49-136	10	20	
Chloroethane	ug/L	ND	50	50	59.4	66.6	119	133	47-160	11	20	
Chloroform	ug/L	ND	50	50	46.0	49.8	92	100	54-150	8	20	
Chloromethane	ug/L	ND	50	50	56.8	61.6	114	123	30-148	8	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.4	56.3	103	113	60-135	9	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	47.1	51.8	94	104	52-123	10	20	
Dibromochloromethane	ug/L	ND	50	50	50.0	55.7	100	111	48-125	11	20	
Dibromomethane	ug/L	ND	50	50	57.2	60.9	114	122	59-134	6	20	
Dichlorodifluoromethane	ug/L	ND	50	50	76.1	81.3	152	163	24-197	7	20	
Ethyl methacrylate	ug/L	ND	200	200	201	231	100	115	55-139	14	20	
Ethylbenzene	ug/L	ND	50	50	52.3	58.4	105	117	28-153	11	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	51.6	61.8	103	124	10-176	18	20	
Iodomethane	ug/L	ND	100	100	105	113	105	113	17-157	7	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	55.9	62.1	112	124	18-152	11	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	45.9	50.7	92	101	63-130	10	20	
Methylene Chloride	ug/L	ND	50	50	44.9	50.3	90	101	45-156	11	20	
n-Butylbenzene	ug/L	ND	50	50	50.0	58.3	100	117	10-161	15	20	
n-Hexane	ug/L	ND	50	50	52.1	59.3	104	119	33-144	13	20	
n-Propylbenzene	ug/L	ND	50	50	49.4	56.5	99	113	16-150	14	20	
p-Isopropyltoluene	ug/L	ND	50	50	49.0	57.2	98	114	10-163	15	20	
sec-Butylbenzene	ug/L	ND	50	50	51.6	62.5	103	125	10-160	19	20	
Styrene	ug/L	ND	50	50	42.3	46.4	85	93	36-139	9	20	
tert-Butylbenzene	ug/L	ND	50	50	43.9	49.5	88	99	12-134	12	20	
Tetrachloroethene	ug/L	ND	50	50	57.0	61.2	114	122	33-151	7	20	
Toluene	ug/L	ND	50	50	51.8	57.4	104	115	50-132	10	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	52.9	57.4	106	115	40-153	8	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	47.3	52.3	95	105	48-122	10	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	146	157	73	79	32-139	7	20	
Trichloroethene	ug/L	ND	50	50	49.6	56.8	99	114	50-143	14	20	
Trichlorofluoromethane	ug/L	ND	50	50	68.5	75.1	137	150	60-175	9	20	
Vinyl acetate	ug/L	ND	200	200	165	180	82	90	17-142	9	20	
Vinyl chloride	ug/L	ND	50	50	62.4	70.8	125	142	44-145	13	20	
Xylene (Total)	ug/L	ND	150	150	148	162	99	108	29-145	9	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%.						104	98	80-114			
Dibromofluoromethane (S)	%.						101	99	79-116			
Toluene-d8 (S)	%.						102	101	81-110			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75647 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

METHOD BLANK: 1275804 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
2-Butanone (MEK)	mg/kg	ND	0.025	04/15/15 22:40	
2-Chlorotoluene	mg/kg	ND	0.0050	04/15/15 22:40	
2-Hexanone	mg/kg	ND	0.10	04/15/15 22:40	
4-Chlorotoluene	mg/kg	ND	0.0050	04/15/15 22:40	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/15/15 22:40	
Acetone	mg/kg	ND	0.10	04/15/15 22:40	
Acrolein	mg/kg	ND	0.10	04/15/15 22:40	
Acrylonitrile	mg/kg	ND	0.10	04/15/15 22:40	
Benzene	mg/kg	ND	0.0050	04/15/15 22:40	
Bromobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Bromochloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Bromodichloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Bromoform	mg/kg	ND	0.0050	04/15/15 22:40	
Bromomethane	mg/kg	ND	0.0050	04/15/15 22:40	
Carbon disulfide	mg/kg	ND	0.010	04/15/15 22:40	
Carbon tetrachloride	mg/kg	ND	0.0050	04/15/15 22:40	
Chlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Chloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
Chloroform	mg/kg	ND	0.0050	04/15/15 22:40	
Chloromethane	mg/kg	ND	0.0050	04/15/15 22:40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1275804 Matrix: Solid

Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
Dibromochloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Dibromomethane	mg/kg	ND	0.0050	04/15/15 22:40	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Ethyl methacrylate	mg/kg	ND	0.10	04/15/15 22:40	
Ethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/15/15 22:40	
Iodomethane	mg/kg	ND	0.10	04/15/15 22:40	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/15/15 22:40	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/15/15 22:40	
Methylene Chloride	mg/kg	ND	0.020	04/15/15 22:40	
n-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
n-Hexane	mg/kg	ND	0.0050	04/15/15 22:40	
n-Propylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/15/15 22:40	
sec-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Styrene	mg/kg	ND	0.0050	04/15/15 22:40	
tert-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Tetrachloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
Toluene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/15/15 22:40	
Trichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Vinyl acetate	mg/kg	ND	0.10	04/15/15 22:40	
Vinyl chloride	mg/kg	ND	0.0050	04/15/15 22:40	
Xylene (Total)	mg/kg	ND	0.010	04/15/15 22:40	
4-Bromofluorobenzene (S)	%.	100	56-144	04/15/15 22:40	
Dibromofluoromethane (S)	%.	100	85-118	04/15/15 22:40	
Toluene-d8 (S)	%.	95	71-128	04/15/15 22:40	

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.051	101	62-123	
1,1,1-Trichloroethane	mg/kg	.05	0.051	102	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.052	104	65-124	
1,1,2-Trichloroethane	mg/kg	.05	0.048	96	74-129	
1,1-Dichloroethane	mg/kg	.05	0.050	100	73-130	
1,1-Dichloroethene	mg/kg	.05	0.049	98	66-126	
1,1-Dichloropropene	mg/kg	.05	0.054	108	78-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	.05	0.044	88	66-131	
1,2,3-Trichloropropane	mg/kg	.05	0.053	106	44-157	
1,2,4-Trichlorobenzene	mg/kg	.05	0.042	84	68-129	
1,2,4-Trimethylbenzene	mg/kg	.05	0.047	95	67-126	
1,2-Dibromoethane (EDB)	mg/kg	.05	0.051	101	74-120	
1,2-Dichlorobenzene	mg/kg	.05	0.047	93	73-122	
1,2-Dichloroethane	mg/kg	.05	0.048	97	73-127	
1,2-Dichloropropane	mg/kg	.05	0.050	100	75-118	
1,3,5-Trimethylbenzene	mg/kg	.05	0.047	94	65-127	
1,3-Dichlorobenzene	mg/kg	.05	0.045	91	73-121	
1,3-Dichloropropane	mg/kg	.05	0.049	98	72-121	
1,4-Dichlorobenzene	mg/kg	.05	0.044	88	75-119	
2,2-Dichloropropane	mg/kg	.05	0.053	106	63-122	
2-Butanone (MEK)	mg/kg	.25	0.25	99	59-139	
2-Chlorotoluene	mg/kg	.05	0.047	94	72-121	
2-Hexanone	mg/kg	.25	0.27	108	56-139	
4-Chlorotoluene	mg/kg	.05	0.046	91	75-123	
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.27	106	63-136	
Acetone	mg/kg	.25	0.24	96	46-156	
Acrolein	mg/kg	1	1.2	118	47-200	
Acrylonitrile	mg/kg	.2	0.20	100	67-130	
Benzene	mg/kg	.05	0.048	96	74-119	
Bromobenzene	mg/kg	.05	0.060	120	69-129	
Bromochloromethane	mg/kg	.05	0.047	94	67-129	
Bromodichloromethane	mg/kg	.05	0.046	91	68-121	
Bromoform	mg/kg	.05	0.048	96	49-124	
Bromomethane	mg/kg	.05	0.047	93	44-142	
Carbon disulfide	mg/kg	.05	0.050	101	61-129	
Carbon tetrachloride	mg/kg	.05	0.053	105	58-127	
Chlorobenzene	mg/kg	.05	0.047	93	77-122	
Chloroethane	mg/kg	.05	0.053	107	59-141	
Chloroform	mg/kg	.05	0.044	88	75-124	
Chloromethane	mg/kg	.05	0.046	93	46-133	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	100	72-122	
cis-1,3-Dichloropropene	mg/kg	.05	0.052	104	68-115	
Dibromochloromethane	mg/kg	.05	0.047	94	60-121	
Dibromomethane	mg/kg	.05	0.050	100	72-124	
Dichlorodifluoromethane	mg/kg	.05	0.054	108	26-186	
Ethyl methacrylate	mg/kg	.2	0.22	109	63-130	
Ethylbenzene	mg/kg	.05	0.047	94	72-123	
Hexachloro-1,3-butadiene	mg/kg	.05	0.043	85	55-139	
Iodomethane	mg/kg	.1	.099J	99	38-149	
Isopropylbenzene (Cumene)	mg/kg	.05	0.051	102	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.049	98	68-120	
Methylene Chloride	mg/kg	.05	0.038	75	57-142	
n-Butylbenzene	mg/kg	.05	0.046	92	68-125	
n-Hexane	mg/kg	.05	0.046	91	57-117	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	.05	0.047	94	68-122	
p-Isopropyltoluene	mg/kg	.05	0.046	92	66-133	
sec-Butylbenzene	mg/kg	.05	0.050	101	64-131	
Styrene	mg/kg	.05	0.048	95	70-126	
tert-Butylbenzene	mg/kg	.05	0.047	93	46-124	
Tetrachloroethene	mg/kg	.05	0.047	93	72-126	
Toluene	mg/kg	.05	0.044	88	71-121	
trans-1,2-Dichloroethene	mg/kg	.05	0.049	98	69-123	
trans-1,3-Dichloropropene	mg/kg	.05	0.052	105	66-114	
trans-1,4-Dichloro-2-butene	mg/kg	.2	0.20	98	61-124	
Trichloroethene	mg/kg	.05	0.047	95	74-123	
Trichlorofluoromethane	mg/kg	.05	0.057	115	72-146	
Vinyl acetate	mg/kg	.2	0.22	112	57-131	
Vinyl chloride	mg/kg	.05	0.054	107	55-128	
Xylene (Total)	mg/kg	.15	0.14	93	66-124	
4-Bromofluorobenzene (S)	%.			98	56-144	
Dibromofluoromethane (S)	%.			96	85-118	
Toluene-d8 (S)	%.			97	71-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	.041	.043	0.039	0.044	97	102	10-129	11	20	
1,1,1-Trichloroethane	mg/kg	ND	.041	.043	0.045	0.047	111	110	26-143	4	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	.041	.043	0.035	0.040	85	94	10-156	15	20	
1,1,2-Trichloroethane	mg/kg	ND	.041	.043	0.037	0.039	90	92	13-156	7	20	
1,1-Dichloroethane	mg/kg	ND	.041	.043	0.043	0.045	106	104	36-150	4	20	
1,1-Dichloroethene	mg/kg	ND	.041	.043	0.045	0.046	110	107	31-146	3	20	
1,1-Dichloropropene	mg/kg	ND	.041	.043	0.047	0.049	115	114	26-145	4	20	
1,2,3-Trichlorobenzene	mg/kg	ND	.041	.043	0.018	0.032	43	76	10-119	60	20	
1,2,3-Trichloropropane	mg/kg	ND	.041	.043	0.038	0.041	94	95	10-168	7	20	
1,2,4-Trichlorobenzene	mg/kg	ND	.041	.043	0.019	0.033	46	76	10-122	55	20	
1,2,4-Trimethylbenzene	mg/kg	ND	.041	.043	0.035	0.042	87	97	10-139	16	20	
1,2-Dibromoethane (EDB)	mg/kg	ND	.041	.043	0.037	0.041	91	95	15-136	10	20	
1,2-Dichlorobenzene	mg/kg	ND	.041	.043	0.027	0.038	68	89	10-132	32	20	
1,2-Dichloroethane	mg/kg	ND	.041	.043	0.039	0.039	95	92	30-140	2	20	
1,2-Dichloropropane	mg/kg	ND	.041	.043	0.041	0.043	100	99	29-135	5	20	
1,3,5-Trimethylbenzene	mg/kg	ND	.041	.043	0.038	0.042	94	98	10-143	10	20	
1,3-Dichlorobenzene	mg/kg	ND	.041	.043	0.028	0.038	69	88	10-130	29	20	
1,3-Dichloropropane	mg/kg	ND	.041	.043	0.037	0.040	91	92	17-139	7	20	
1,4-Dichlorobenzene	mg/kg	ND	.041	.043	0.026	0.037	65	86	10-128	33	20	
2,2-Dichloropropane	mg/kg	ND	.041	.043	0.043	0.045	105	106	29-136	6	20	
2-Butanone (MEK)	mg/kg	ND	.2	.21	0.19	0.19	91	88	22-176	2	20	
2-Chlorotoluene	mg/kg	ND	.041	.043	0.035	0.041	86	95	10-146	16	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	mg/kg	ND	.2	.21	0.19	0.20	94	95	12-165	7	20	
4-Chlorotoluene	mg/kg	ND	.041	.043	0.032	0.039	79	91	10-138	19	20	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	.2	.21	0.19	0.20	95	94	22-155	5	20	
Acetone	mg/kg	ND	.2	.21	0.21	0.20	105	95	11-200	4	20	
Acrolein	mg/kg	ND	.81	.86	0.37	0.54	45	63	10-200	37	20	
Acrylonitrile	mg/kg	ND	.16	.17	0.13	0.15	80	85	20-150	12	20	
Benzene	mg/kg	ND	.041	.043	0.041	0.041	102	96	27-140	0	20	
Bromobenzene	mg/kg	ND	.041	.043	0.037	0.048	92	112	10-133	24	20	
Bromochloromethane	mg/kg	ND	.041	.043	0.039	0.041	95	94	28-142	5	20	
Bromodichloromethane	mg/kg	ND	.041	.043	0.037	0.040	91	93	13-139	8	20	
Bromoform	mg/kg	ND	.041	.043	0.033	0.039	81	90	10-122	16	20	
Bromomethane	mg/kg	ND	.041	.043	0.040	0.044	100	103	10-154	9	20	
Carbon disulfide	mg/kg	ND	.041	.043	0.042	0.045	103	104	20-142	6	20	
Carbon tetrachloride	mg/kg	ND	.041	.043	0.046	0.048	114	112	19-135	4	20	
Chlorobenzene	mg/kg	ND	.041	.043	0.034	0.040	84	94	10-136	17	20	
Chloroethane	mg/kg	ND	.041	.043	0.049	0.048	120	111	24-161	2	20	
Chloroform	mg/kg	ND	.041	.043	0.037	0.038	91	90	36-138	3	20	
Chloromethane	mg/kg	ND	.041	.043	0.040	0.041	99	96	28-143	3	20	
cis-1,2-Dichloroethene	mg/kg	ND	.041	.043	0.040	0.043	99	100	29-136	7	20	
cis-1,3-Dichloropropene	mg/kg	ND	.041	.043	0.039	0.043	96	101	10-130	10	20	
Dibromochloromethane	mg/kg	ND	.041	.043	0.035	0.040	86	92	10-124	13	20	
Dibromomethane	mg/kg	ND	.041	.043	0.038	0.041	93	95	24-136	7	20	
Dichlorodifluoromethane	mg/kg	ND	.041	.043	0.050	0.050	124	116	15-187	1	20	
Ethyl methacrylate	mg/kg	ND	.16	.17	ND	.082J	16	48	10-147		20	
Ethylbenzene	mg/kg	ND	.041	.043	0.038	0.042	94	98	10-144	10	20	
Hexachloro-1,3-butadiene	mg/kg	ND	.041	.043	0.030	0.039	73	92	10-136	28	20	
Iodomethane	mg/kg	ND	.081	.086	0.085	0.092	104	107	10-155	8	20	
Isopropylbenzene (Cumene)	mg/kg	ND	.041	.043	0.041	0.046	102	108	10-134	11	20	
Methyl-tert-butyl ether	mg/kg	ND	.041	.043	0.039	0.040	95	92	30-147	2	20	
Methylene Chloride	mg/kg	ND	.041	.043	0.031	0.033	78	77	23-150	5	20	
n-Butylbenzene	mg/kg	ND	.041	.043	0.035	0.041	87	96	10-141	15	20	
n-Hexane	mg/kg	ND	.041	.043	0.041	0.044	101	103	10-140	8	20	
n-Propylbenzene	mg/kg	ND	.041	.043	0.039	0.042	96	99	10-143	8	20	
p-Isopropyltoluene	mg/kg	ND	.041	.043	0.038	0.042	93	98	10-146	10	20	
sec-Butylbenzene	mg/kg	ND	.041	.043	0.041	0.045	102	105	10-150	9	20	
Styrene	mg/kg	ND	.041	.043	0.032	0.040	78	93	10-138	24	20	
tert-Butylbenzene	mg/kg	ND	.041	.043	0.039	0.042	96	97	10-135	6	20	
Tetrachloroethene	mg/kg	ND	.041	.043	0.040	0.043	97	99	10-153	7	20	
Toluene	mg/kg	ND	.041	.043	0.036	0.039	90	91	10-140	7	20	
trans-1,2-Dichloroethene	mg/kg	ND	.041	.043	0.042	0.043	104	101	28-139	2	20	
trans-1,3-Dichloropropene	mg/kg	ND	.041	.043	0.037	0.043	92	100	10-126	14	20	
trans-1,4-Dichloro-2-butene	mg/kg	ND	.16	.17	0.12	0.14	72	80	10-132	17	20	
Trichloroethene	mg/kg	ND	.041	.043	0.041	0.043	101	101	17-148	6	20	
Trichlorofluoromethane	mg/kg	ND	.041	.043	0.053	0.054	131	127	31-177	2	20	
Vinyl acetate	mg/kg	ND	.16	.17	ND	ND	0	1	10-131		20	2d

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	mg/kg	ND	.041	.043	0.049	0.049	121	113	30-145	1	20	
Xylene (Total)	mg/kg	ND	.12	.13	0.11	0.12	90	95	10-143	11	20	
4-Bromofluorobenzene (S)	%.						98	98	56-144			
Dibromofluoromethane (S)	%.						97	96	85-118			4d
Toluene-d8 (S)	%.						99	96	71-128			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75684 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

METHOD BLANK: 1276583 Matrix: Solid
Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
2-Butanone (MEK)	mg/kg	ND	0.025	04/16/15 11:51	
2-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:51	
2-Hexanone	mg/kg	ND	0.10	04/16/15 11:51	
4-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:51	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/16/15 11:51	
Acetone	mg/kg	ND	0.10	04/16/15 11:51	
Acrolein	mg/kg	ND	0.10	04/16/15 11:51	
Acrylonitrile	mg/kg	ND	0.10	04/16/15 11:51	
Benzene	mg/kg	ND	0.0050	04/16/15 11:51	
Bromobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Bromochloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Bromodichloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Bromoform	mg/kg	ND	0.0050	04/16/15 11:51	
Bromomethane	mg/kg	ND	0.0050	04/16/15 11:51	
Carbon disulfide	mg/kg	ND	0.010	04/16/15 11:51	
Carbon tetrachloride	mg/kg	ND	0.0050	04/16/15 11:51	
Chlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Chloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
Chloroform	mg/kg	ND	0.0050	04/16/15 11:51	
Chloromethane	mg/kg	ND	0.0050	04/16/15 11:51	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276583 Matrix: Solid

Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
Dibromochloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Dibromomethane	mg/kg	ND	0.0050	04/16/15 11:51	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Ethyl methacrylate	mg/kg	ND	0.10	04/16/15 11:51	
Ethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/16/15 11:51	
Iodomethane	mg/kg	ND	0.10	04/16/15 11:51	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/16/15 11:51	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/16/15 11:51	
Methylene Chloride	mg/kg	ND	0.020	04/16/15 11:51	
n-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
n-Hexane	mg/kg	ND	0.0050	04/16/15 11:51	
n-Propylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/16/15 11:51	
sec-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Styrene	mg/kg	ND	0.0050	04/16/15 11:51	
tert-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Tetrachloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
Toluene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/16/15 11:51	
Trichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Vinyl acetate	mg/kg	ND	0.10	04/16/15 11:51	
Vinyl chloride	mg/kg	ND	0.0050	04/16/15 11:51	
Xylene (Total)	mg/kg	ND	0.010	04/16/15 11:51	
4-Bromofluorobenzene (S)	%.	101	56-144	04/16/15 11:51	
Dibromofluoromethane (S)	%.	97	85-118	04/16/15 11:51	
Toluene-d8 (S)	%.	93	71-128	04/16/15 11:51	

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.055	110	62-123	
1,1,1-Trichloroethane	mg/kg	.05	0.056	111	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.055	109	65-124	
1,1,2-Trichloroethane	mg/kg	.05	0.049	98	74-129	
1,1-Dichloroethane	mg/kg	.05	0.051	102	73-130	
1,1-Dichloroethene	mg/kg	.05	0.052	103	66-126	
1,1-Dichloropropene	mg/kg	.05	0.058	117	78-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	.05	0.052	103	66-131	
1,2,3-Trichloropropane	mg/kg	.05	0.055	110	44-157	
1,2,4-Trichlorobenzene	mg/kg	.05	0.052	105	68-129	
1,2,4-Trimethylbenzene	mg/kg	.05	0.052	104	67-126	
1,2-Dibromoethane (EDB)	mg/kg	.05	0.053	105	74-120	
1,2-Dichlorobenzene	mg/kg	.05	0.051	103	73-122	
1,2-Dichloroethane	mg/kg	.05	0.051	101	73-127	
1,2-Dichloropropane	mg/kg	.05	0.053	105	75-118	
1,3,5-Trimethylbenzene	mg/kg	.05	0.052	105	65-127	
1,3-Dichlorobenzene	mg/kg	.05	0.051	102	73-121	
1,3-Dichloropropane	mg/kg	.05	0.052	104	72-121	
1,4-Dichlorobenzene	mg/kg	.05	0.051	101	75-119	
2,2-Dichloropropane	mg/kg	.05	0.059	118	63-122	
2-Butanone (MEK)	mg/kg	.25	0.26	102	59-139	
2-Chlorotoluene	mg/kg	.05	0.051	103	72-121	
2-Hexanone	mg/kg	.25	0.28	114	56-139	
4-Chlorotoluene	mg/kg	.05	0.052	103	75-123	
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.28	111	63-136	
Acetone	mg/kg	.25	0.25	98	46-156	
Acrolein	mg/kg	1	1.3	125	47-200	
Acrylonitrile	mg/kg	.2	0.20	99	67-130	
Benzene	mg/kg	.05	0.052	103	74-119	
Bromobenzene	mg/kg	.05	0.067	133	69-129	L3
Bromochloromethane	mg/kg	.05	0.049	98	67-129	
Bromodichloromethane	mg/kg	.05	0.049	98	68-121	
Bromoform	mg/kg	.05	0.052	104	49-124	
Bromomethane	mg/kg	.05	0.050	99	44-142	
Carbon disulfide	mg/kg	.05	0.053	105	61-129	
Carbon tetrachloride	mg/kg	.05	0.058	116	58-127	
Chlorobenzene	mg/kg	.05	0.051	102	77-122	
Chloroethane	mg/kg	.05	0.056	111	59-141	
Chloroform	mg/kg	.05	0.046	92	75-124	
Chloromethane	mg/kg	.05	0.048	96	46-133	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	100	72-122	
cis-1,3-Dichloropropene	mg/kg	.05	0.057	114	68-115	
Dibromochloromethane	mg/kg	.05	0.051	102	60-121	
Dibromomethane	mg/kg	.05	0.053	106	72-124	
Dichlorodifluoromethane	mg/kg	.05	0.056	113	26-186	
Ethyl methacrylate	mg/kg	.2	0.23	113	63-130	
Ethylbenzene	mg/kg	.05	0.051	101	72-123	
Hexachloro-1,3-butadiene	mg/kg	.05	0.050	101	55-139	
Iodomethane	mg/kg	.1	0.10	104	38-149	
Isopropylbenzene (Cumene)	mg/kg	.05	0.058	115	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.051	101	68-120	
Methylene Chloride	mg/kg	.05	0.040	79	57-142	
n-Butylbenzene	mg/kg	.05	0.054	107	68-125	
n-Hexane	mg/kg	.05	0.048	95	57-117	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	.05	0.053	106	68-122	
p-Isopropyltoluene	mg/kg	.05	0.052	103	66-133	
sec-Butylbenzene	mg/kg	.05	0.056	112	64-131	
Styrene	mg/kg	.05	0.052	105	70-126	
tert-Butylbenzene	mg/kg	.05	0.051	102	46-124	
Tetrachloroethene	mg/kg	.05	0.051	101	72-126	
Toluene	mg/kg	.05	0.047	94	71-121	
trans-1,2-Dichloroethene	mg/kg	.05	0.051	103	69-123	
trans-1,3-Dichloropropene	mg/kg	.05	0.059	118	66-114	L3
trans-1,4-Dichloro-2-butene	mg/kg	.2	0.22	112	61-124	
Trichloroethene	mg/kg	.05	0.050	100	74-123	
Trichlorofluoromethane	mg/kg	.05	0.062	124	72-146	
Vinyl acetate	mg/kg	.2	0.23	116	57-131	
Vinyl chloride	mg/kg	.05	0.056	112	55-128	
Xylene (Total)	mg/kg	.15	0.15	101	66-124	
4-Bromofluorobenzene (S)	%.			99	56-144	
Dibromofluoromethane (S)	%.			96	85-118	
Toluene-d8 (S)	%.			97	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75685 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

METHOD BLANK: 1276585 Matrix: Solid
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
2-Butanone (MEK)	mg/kg	ND	0.025	04/16/15 11:32	
2-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:32	
2-Hexanone	mg/kg	ND	0.10	04/16/15 11:32	
4-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:32	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/16/15 11:32	
Acetone	mg/kg	ND	0.10	04/16/15 11:32	
Acrolein	mg/kg	ND	0.10	04/16/15 11:32	
Acrylonitrile	mg/kg	ND	0.10	04/16/15 11:32	
Benzene	mg/kg	ND	0.0050	04/16/15 11:32	
Bromobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Bromochloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Bromodichloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Bromoform	mg/kg	ND	0.0050	04/16/15 11:32	
Bromomethane	mg/kg	ND	0.0050	04/16/15 11:32	
Carbon disulfide	mg/kg	ND	0.010	04/16/15 11:32	
Carbon tetrachloride	mg/kg	ND	0.0050	04/16/15 11:32	
Chlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Chloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
Chloroform	mg/kg	ND	0.0050	04/16/15 11:32	
Chloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276585 Matrix: Solid
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
Dibromochloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Dibromomethane	mg/kg	ND	0.0050	04/16/15 11:32	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Ethyl methacrylate	mg/kg	ND	0.10	04/16/15 11:32	
Ethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/16/15 11:32	
Iodomethane	mg/kg	ND	0.10	04/16/15 11:32	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/16/15 11:32	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/16/15 11:32	
Methylene Chloride	mg/kg	ND	0.020	04/16/15 11:32	
n-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
n-Hexane	mg/kg	ND	0.0050	04/16/15 11:32	
n-Propylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/16/15 11:32	
sec-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Styrene	mg/kg	ND	0.0050	04/16/15 11:32	
tert-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Tetrachloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
Toluene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/16/15 11:32	
Trichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Vinyl acetate	mg/kg	ND	0.10	04/16/15 11:32	
Vinyl chloride	mg/kg	ND	0.0050	04/16/15 11:32	
Xylene (Total)	mg/kg	ND	0.010	04/16/15 11:32	
4-Bromofluorobenzene (S)	%.	100	56-144	04/16/15 11:32	
Dibromofluoromethane (S)	%.	96	85-118	04/16/15 11:32	
Toluene-d8 (S)	%.	94	71-128	04/16/15 11:32	

LABORATORY CONTROL SAMPLE: 1276586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	.05	0.057	114	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.054	109	65-124	
1,1-Dichloroethene	mg/kg	.05	0.054	108	66-126	
1,2,4-Trimethylbenzene	mg/kg	.05	0.054	109	67-126	
1,2-Dichloropropane	mg/kg	.05	0.053	106	75-118	
Benzene	mg/kg	.05	0.053	105	74-119	
Chlorobenzene	mg/kg	.05	0.053	105	77-122	
Chloroform	mg/kg	.05	0.048	96	75-124	
Ethylbenzene	mg/kg	.05	0.052	104	72-123	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	.05	0.058	116	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.050	101	68-120	
Tetrachloroethene	mg/kg	.05	0.052	105	72-126	
Toluene	mg/kg	.05	0.047	94	71-121	
Trichloroethene	mg/kg	.05	0.055	109	74-123	
Vinyl chloride	mg/kg	.05	0.057	115	55-128	
Xylene (Total)	mg/kg	.15	0.16	105	66-124	
4-Bromofluorobenzene (S)	%.			99	56-144	
Dibromofluoromethane (S)	%.			98	85-118	
Toluene-d8 (S)	%.			96	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39030 — Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1277362 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	04/17/15 20:43	
2-Methylnaphthalene	ug/L	ND	1.0	04/17/15 20:43	
Acenaphthene	ug/L	ND	1.0	04/17/15 20:43	
Acenaphthylene	ug/L	ND	1.0	04/17/15 20:43	
Anthracene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(a)anthracene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(a)pyrene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/17/15 20:43	
Chrysene	ug/L	ND	0.50	04/17/15 20:43	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/17/15 20:43	
Fluoranthene	ug/L	ND	1.0	04/17/15 20:43	
Fluorene	ug/L	ND	1.0	04/17/15 20:43	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/17/15 20:43	
Naphthalene	ug/L	ND	1.0	04/17/15 20:43	
Phenanthrene	ug/L	ND	1.0	04/17/15 20:43	
Pyrene	ug/L	ND	1.0	04/17/15 20:43	
2-Fluorobiphenyl (S)	%.	57	21-114	04/17/15 20:43	
p-Terphenyl-d14 (S)	%.	95	25-131	04/17/15 20:43	

LABORATORY CONTROL SAMPLE: 1277363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	10	5.0	50	29-112	
2-Methylnaphthalene	ug/L	10	4.6	46	29-110	
Acenaphthene	ug/L	10	6.4	64	39-117	
Acenaphthylene	ug/L	10	7.1	71	40-120	
Anthracene	ug/L	10	8.8	88	48-126	
Benzo(a)anthracene	ug/L	10	10.7	107	51-134	
Benzo(a)pyrene	ug/L	10	8.1	81	48-141	
Benzo(b)fluoranthene	ug/L	10	8.0	80	49-139	
Benzo(g,h,i)perylene	ug/L	10	6.6	66	44-134	
Benzo(k)fluoranthene	ug/L	10	8.5	85	48-140	
Chrysene	ug/L	10	9.7	97	53-136	
Dibenz(a,h)anthracene	ug/L	10	6.7	67	44-132	
Fluoranthene	ug/L	10	10	100	50-135	
Fluorene	ug/L	10	7.5	75	44-124	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1277363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	10	7.0	70	45-132	
Naphthalene	ug/L	10	4.5	45	30-112	
Phenanthrene	ug/L	10	8.8	88	47-128	
Pyrene	ug/L	10	10.2	102	50-134	
2-Fluorobiphenyl (S)	%.			49	21-114	
p-Terphenyl-d14 (S)	%.			103	25-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277364 1277365

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	10	10	5.3	5.7	53	57	10-135	8	20	
2-Methylnaphthalene	ug/L	ND	10	10	4.8	5.2	48	52	16-116	8	20	
Acenaphthene	ug/L	ND	10	10	6.2	6.6	62	66	28-116	6	20	
Acenaphthylene	ug/L	ND	10	10	6.7	7.0	67	70	34-115	4	20	
Anthracene	ug/L	ND	10	10	8.2	7.6	82	76	39-121	7	20	
Benzo(a)anthracene	ug/L	ND	10	10	8.0	5.6	80	56	31-127	35	20	R1
Benzo(a)pyrene	ug/L	ND	10	10	3.5	2.8	35	28	10-121	23	20	R1
Benzo(b)fluoranthene	ug/L	ND	10	10	4.3	2.9	43	29	10-119	40	20	R1
Benzo(g,h,i)perylene	ug/L	ND	10	10	2.9	2.6	29	26	10-108	11	20	
Benzo(k)fluoranthene	ug/L	ND	10	10	3.4	3.2	34	32	10-118	5	20	
Chrysene	ug/L	ND	10	10	7.5	5.3	75	53	32-127	34	20	R1
Dibenz(a,h)anthracene	ug/L	ND	10	10	3.1	2.8	31	28	10-104	13	20	
Fluoranthene	ug/L	ND	10	10	9.8	9.0	98	90	38-131	9	20	
Fluorene	ug/L	ND	10	10	7.1	7.2	71	72	33-121	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	10	3.1	2.7	31	27	10-108	12	20	
Naphthalene	ug/L	ND	10	10	5.0	5.4	50	54	16-119	8	20	
Phenanthrene	ug/L	ND	10	10	8.3	8.2	83	82	32-130	1	20	
Pyrene	ug/L	ND	10	10	9.8	9.2	98	92	39-131	7	20	
2-Fluorobiphenyl (S)	%.						49	57	21-114			
p-Terphenyl-d14 (S)	%.						85	72	25-131			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39006 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

METHOD BLANK: 1275363 Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
Acenaphthene	mg/kg	ND	0.0050	04/16/15 21:47	
Acenaphthylene	mg/kg	ND	0.0050	04/16/15 21:47	
Anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Chrysene	mg/kg	ND	0.0050	04/16/15 21:47	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Fluorene	mg/kg	ND	0.0050	04/16/15 21:47	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
Naphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
Phenanthrene	mg/kg	ND	0.0050	04/16/15 21:47	
Pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
2-Fluorobiphenyl (S)	%.	68	38-110	04/16/15 21:47	
p-Terphenyl-d14 (S)	%.	86	32-111	04/16/15 21:47	

LABORATORY CONTROL SAMPLE: 1275364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	.33	0.27	82	40-102	
2-Methylnaphthalene	mg/kg	.33	0.26	78	39-104	
Acenaphthene	mg/kg	.33	0.26	77	43-108	
Acenaphthylene	mg/kg	.33	0.26	77	44-110	
Anthracene	mg/kg	.33	0.27	80	44-112	
Benzo(a)anthracene	mg/kg	.33	0.31	94	43-124	
Benzo(a)pyrene	mg/kg	.33	0.37	112	44-124	
Benzo(b)fluoranthene	mg/kg	.33	0.39	116	44-123	
Benzo(g,h,i)perylene	mg/kg	.33	0.35	105	44-118	
Benzo(k)fluoranthene	mg/kg	.33	0.35	104	42-122	
Chrysene	mg/kg	.33	0.30	89	44-124	
Dibenz(a,h)anthracene	mg/kg	.33	0.36	107	44-119	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	.33	0.32	95	45-119	
Fluorene	mg/kg	.33	0.27	82	44-113	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	0.36	109	44-119	
Naphthalene	mg/kg	.33	0.26	78	42-103	
Phenanthrene	mg/kg	.33	0.29	86	44-113	
Pyrene	mg/kg	.33	0.30	90	45-123	
2-Fluorobiphenyl (S)	%.			67	38-110	
p-Terphenyl-d14 (S)	%.			83	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275365 1275366

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	.38	.38	0.28	0.28	73	73	20-116	1	20	
2-Methylnaphthalene	mg/kg	ND	.38	.38	0.27	0.27	70	70	10-131	0	20	
Acenaphthene	mg/kg	ND	.38	.38	0.26	0.26	68	67	25-117	1	20	
Acenaphthylene	mg/kg	ND	.38	.38	0.26	0.26	68	67	27-123	2	20	
Anthracene	mg/kg	ND	.38	.38	0.28	0.28	73	74	20-123	1	20	
Benzo(a)anthracene	mg/kg	ND	.38	.38	0.30	0.30	78	79	23-124	1	20	
Benzo(a)pyrene	mg/kg	ND	.38	.38	0.35	0.36	91	92	23-120	2	20	
Benzo(b)fluoranthene	mg/kg	ND	.38	.38	0.34	0.38	89	100	24-117	11	20	
Benzo(g,h,i)perylene	mg/kg	ND	.38	.38	0.32	0.34	82	90	12-122	8	20	
Benzo(k)fluoranthene	mg/kg	ND	.38	.38	0.33	0.32	85	82	14-123	3	20	
Chrysene	mg/kg	ND	.38	.38	0.28	0.29	73	75	22-124	2	20	
Dibenz(a,h)anthracene	mg/kg	ND	.38	.38	0.33	0.36	87	94	26-113	8	20	
Fluoranthene	mg/kg	ND	.38	.38	0.30	0.30	77	79	21-125	2	20	
Fluorene	mg/kg	ND	.38	.38	0.28	0.27	73	71	19-127	2	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	.38	.38	0.33	0.36	86	94	15-121	9	20	
Naphthalene	mg/kg	ND	.38	.38	0.27	0.27	70	69	15-125	1	20	
Phenanthrene	mg/kg	ND	.38	.38	0.29	0.29	75	75	10-139	1	20	
Pyrene	mg/kg	ND	.38	.38	0.31	0.28	80	74	17-132	8	20	
2-Fluorobiphenyl (S)	%.						66	61	38-110			
p-Terphenyl-d14 (S)	%.						77	73	32-111			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39007
QC Batch Method: EPA 3546
Associated Lab Samples: 50116587021

Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM

METHOD BLANK: 1275372
Matrix: Solid
Associated Lab Samples: 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
Acenaphthene	mg/kg	ND	0.0050	04/16/15 16:30	
Acenaphthylene	mg/kg	ND	0.0050	04/16/15 16:30	
Anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Chrysene	mg/kg	ND	0.0050	04/16/15 16:30	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Fluorene	mg/kg	ND	0.0050	04/16/15 16:30	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
Naphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
Phenanthrene	mg/kg	ND	0.0050	04/16/15 16:30	
Pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
2-Fluorobiphenyl (S)	%.	73	38-110	04/16/15 16:30	
p-Terphenyl-d14 (S)	%.	89	32-111	04/16/15 16:30	

LABORATORY CONTROL SAMPLE: 1275373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	.33	0.22	67	40-102	
2-Methylnaphthalene	mg/kg	.33	0.21	64	39-104	
Acenaphthene	mg/kg	.33	0.22	67	43-108	
Acenaphthylene	mg/kg	.33	0.23	68	44-110	
Anthracene	mg/kg	.33	0.24	72	44-112	
Benzo(a)anthracene	mg/kg	.33	0.28	83	43-124	
Benzo(a)pyrene	mg/kg	.33	0.33	99	44-124	
Benzo(b)fluoranthene	mg/kg	.33	0.34	103	44-123	
Benzo(g,h,i)perylene	mg/kg	.33	0.30	90	44-118	
Benzo(k)fluoranthene	mg/kg	.33	0.30	91	42-122	
Chrysene	mg/kg	.33	0.26	78	44-124	
Dibenz(a,h)anthracene	mg/kg	.33	0.31	94	44-119	
Fluoranthene	mg/kg	.33	0.26	79	45-119	
Fluorene	mg/kg	.33	0.25	74	44-113	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	0.32	96	44-119	
Naphthalene	mg/kg	.33	0.22	66	42-103	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	.33	0.25	75	44-113	
Pyrene	mg/kg	.33	0.26	77	45-123	
2-Fluorobiphenyl (S)	%.			60	38-110	
p-Terphenyl-d14 (S)	%.			74	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275374 1275375

Parameter	Units	50116587021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.044	.38	.38	0.30	0.30	66	65	20-116	1	20	
2-Methylnaphthalene	mg/kg	0.042	.38	.38	0.29	0.29	63	64	10-131	2	20	
Acenaphthene	mg/kg	0.014	.38	.38	0.28	0.29	69	71	25-117	4	20	
Acenaphthylene	mg/kg	0.11	.38	.38	0.32	0.37	54	66	27-123	14	20	
Anthracene	mg/kg	0.13	.38	.38	0.35	0.40	58	69	20-123	13	20	
Benzo(a)anthracene	mg/kg	0.40	.38	.38	0.53	0.71	33	80	23-124	29	20	R1
Benzo(a)pyrene	mg/kg	0.41	.38	.38	0.57	0.75	42	87	23-120	27	20	R1
Benzo(b)fluoranthene	mg/kg	0.39	.38	.38	0.58	0.76	50	96	24-117	27	20	R1
Benzo(g,h,i)perylene	mg/kg	0.24	.38	.38	0.45	0.55	55	81	12-122	21	20	R1
Benzo(k)fluoranthene	mg/kg	0.40	.38	.38	0.58	0.69	47	75	14-123	18	20	
Chrysene	mg/kg	0.43	.38	.38	0.56	0.73	34	75	22-124	25	20	R1
Dibenz(a,h)anthracene	mg/kg	0.14	.38	.38	0.42	0.49	74	90	26-113	14	20	
Fluoranthene	mg/kg	0.85	.38	.38	0.75	1.0	-26	39	21-125	29	20	M0,R1
Fluorene	mg/kg	0.060	.38	.38	0.30	0.32	62	67	19-127	7	20	
Indeno(1,2,3-cd)pyrene	mg/kg	0.24	.38	.38	0.47	0.56	59	82	15-121	18	20	
Naphthalene	mg/kg	0.075	.38	.38	0.30	0.31	58	61	15-125	5	20	
Phenanthrene	mg/kg	0.70	.38	.38	0.59	0.71	-27	5	10-139	19	20	M0
Pyrene	mg/kg	0.67	.38	.38	0.66	0.92	-3	63	17-132	33	20	M0,R1
2-Fluorobiphenyl (S)	%.						70	68	38-110			
p-Terphenyl-d14 (S)	%.						80	85	32-111			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: PMST/10536
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50116587021

SAMPLE DUPLICATE: 1276050

Parameter	Units	50116133005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.6	16.4	13	5	R1

SAMPLE DUPLICATE: 1276051

Parameter	Units	50116133006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.8	21.8	5	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: PMST/10537 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

SAMPLE DUPLICATE: 1276076

Parameter	Units	50116587003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.8	14.6	5	5	

SAMPLE DUPLICATE: 1276077

Parameter	Units	50116587019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.6	17.3	1	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: WET/21424 — Analysis Method: EPA 7196A
QC Batch Method: EPA 3060A — Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 50116587001, 50116587003, 50116587004, 50116587005, 50116587011

METHOD BLANK: 1283792 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587003, 50116587004, 50116587005, 50116587011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	mg/kg	2.3	2.0	04/29/15 11:29	1d

LABORATORY CONTROL SAMPLE: 1283793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	966	654	68	80-120	L5

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1283794 1283795

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/kg	ND	1110	1110	986	955	89	86	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1283796 1283797

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/kg	ND	45.8	45.8	35.8	32.7	76	69	75-125	9	20	M0

SAMPLE DUPLICATE: 1283798

Parameter	Units	50117211009 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	mg/kg	ND	.43J		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: WET/21158 — Analysis Method: EPA 7196
QC Batch Method: EPA 7196 — Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1275835 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	ug/L	ND	10.0	04/15/15 13:43	

LABORATORY CONTROL SAMPLE: 1275836

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	500	528	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275837 1275838

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	ND	500	500	486	498	96	99	85-115	2	20	

MATRIX SPIKE SAMPLE: 1275839

Parameter	Units	50116595001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	ND	50000	52000	103	85-115	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: ICP/19289

[1] ICSAB failed low for Ba, Cr, Cu, Ni, Pb, Se, Zn due to improperly prepared standard. Batch acceptance based on all other QC indicators passing within their respective limits. FRW 4-15-15

ANALYTE QUALIFIERS

1d	Analyte was detected in the blank. All samples were non detect. td 4/29/15
2d	Compound ND in MS and MSD. Refer to the LCS for system control. BJG 04-16-15
3d	Due to the extract's physical characteristics, the analysis was performed at dilution.
4d	Multiple compounds have a RPD greater than the RPD max refer to the LCS for system control. BJG 04-16-15
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
L5	LCS recovery exceeded QC limits. Batch accepted based on matrix spike recovery within LCS limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587001	**GP-1(0-4)**	EPA 3050	MPRP/15907	EPA 6010	ICP/19289
50116587002	**GP-1(24-26)**	EPA 3050	MPRP/15907	EPA 6010	ICP/19289
50116587003	**GP-2(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587004	**GP-2(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587005	**GP-3(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587006	**GP-3(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587007	**GP-4(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587008	**GP-4(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587009	**GP-5(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587010	**GP-5(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587011	**GP-6(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587012	**GP-6(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587013	**GP-7(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587014	**GP-7(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587015	**GP-8(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587016	**GP-8(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587017	**GP-9(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587018	**GP-9(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587019	**GP-10(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587020	**GP-10(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587021	**DUP**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587023	**GP-1W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587024	**GP-2W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587025	**GP-3W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587026	**GP-4W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587027	**GP-5W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587028	**GP-6W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587029	**GP-7W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587030	**GP-8W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587031	**GP-9W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587032	**GP-10W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587033	**DUP**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587023	**GP-1W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587024	**GP-2W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587025	**GP-3W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587026	**GP-4W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587027	**GP-5W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587028	**GP-6W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587029	**GP-7W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587030	**GP-8W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587031	**GP-9W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587032	**GP-10W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587033	**DUP**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587001	**GP-1(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587002	**GP-1(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587003	**GP-2(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587004	**GP-2(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587005	**GP-3(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587006	**GP-3(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587007	**GP-4(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587008	**GP-4(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587009	**GP-5(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587010	**GP-5(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587011	**GP-6(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587012	**GP-6(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587013	**GP-7(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587014	**GP-7(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587015	**GP-8(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587016	**GP-8(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587017	**GP-9(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587018	**GP-9(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587019	**GP-10(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587020	**GP-10(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587021	**DUP**	EPA 7471	MERP/6281	EPA 7471	MERC/7148
50116587023	**GP-1W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587024	**GP-2W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587025	**GP-3W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587026	**GP-4W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587027	**GP-5W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587028	**GP-6W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587029	**GP-7W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587030	**GP-8W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587031	**GP-9W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587032	**GP-10W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587033	**DUP**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587001	**GP-1(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587002	**GP-1(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587003	**GP-2(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587004	**GP-2(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587005	**GP-3(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587006	**GP-3(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587007	**GP-4(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587008	**GP-4(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587009	**GP-5(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587010	**GP-5(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587011	**GP-6(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587012	**GP-6(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587013	**GP-7(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587014	**GP-7(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587015	**GP-8(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587016	**GP-8(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587017	**GP-9(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587018	**GP-9(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587019	**GP-10(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587020	**GP-10(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587021	**DUP**	EPA 3546	OEXT/39007	EPA 8270 by SIM	MSSV/17717
50116587023	**GP-1W**	EPA 8260	MSV/75650		
50116587024	**GP-2W**	EPA 8260	MSV/75650		
50116587025	**GP-3W**	EPA 8260	MSV/75650		
50116587026	**GP-4W**	EPA 8260	MSV/75650		
50116587027	**GP-5W**	EPA 8260	MSV/75650		
50116587028	**GP-6W**	EPA 8260	MSV/75650		
50116587029	**GP-7W**	EPA 8260	MSV/75650		
50116587030	**GP-8W**	EPA 8260	MSV/75650		
50116587031	**GP-9W**	EPA 8260	MSV/75650		
50116587032	**GP-10W**	EPA 8260	MSV/75650		
50116587033	**DUP**	EPA 8260	MSV/75678		
50116587034	**TRIP BLANK**	EPA 8260	MSV/75678		
50116587001	**GP-1(0-4)**	EPA 8260	MSV/75647		
50116587002	**GP-1(24-26)**	EPA 8260	MSV/75647		
50116587003	**GP-2(0-4)**	EPA 8260	MSV/75647		
50116587004	**GP-2(24-26)**	EPA 8260	MSV/75647		
50116587005	**GP-3(0-4)**	EPA 8260	MSV/75647		
50116587006	**GP-3(24-26)**	EPA 8260	MSV/75647		
50116587007	**GP-4(0-4)**	EPA 8260	MSV/75647		
50116587008	**GP-4(24-26)**	EPA 8260	MSV/75647		
50116587009	**GP-5(0-4)**	EPA 8260	MSV/75684		
50116587010	**GP-5(24-26)**	EPA 8260	MSV/75684		
50116587011	**GP-6(0-4)**	EPA 8260	MSV/75684		
50116587012	**GP-6(24-26)**	EPA 8260	MSV/75684		
50116587013	**GP-7(0-4)**	EPA 8260	MSV/75684		
50116587014	**GP-7(24-26)**	EPA 8260	MSV/75684		
50116587015	**GP-8(0-4)**	EPA 8260	MSV/75684		
50116587016	**GP-8(24-26)**	EPA 8260	MSV/75684		
50116587017	**GP-9(0-4)**	EPA 8260	MSV/75684		
50116587018	**GP-9(24-26)**	EPA 8260	MSV/75684		
50116587019	**GP-10(0-4)**	EPA 8260	MSV/75685		
50116587020	**GP-10(24-26)**	EPA 8260	MSV/75685		
50116587021	**DUP**	EPA 8260	MSV/75685		
50116587022	**TRIP BLANK**	EPA 8260	MSV/75685		
50116587001	**GP-1(0-4)**	ASTM D2974-87	PMST/10537		
50116587002	**GP-1(24-26)**	ASTM D2974-87	PMST/10537		
50116587003	**GP-2(0-4)**	ASTM D2974-87	PMST/10537		
50116587004	**GP-2(24-26)**	ASTM D2974-87	PMST/10537		
50116587005	**GP-3(0-4)**	ASTM D2974-87	PMST/10537		
50116587006	**GP-3(24-26)**	ASTM D2974-87	PMST/10537		
50116587007	**GP-4(0-4)**	ASTM D2974-87	PMST/10537		
50116587008	**GP-4(24-26)**	ASTM D2974-87	PMST/10537		
50116587009	**GP-5(0-4)**	ASTM D2974-87	PMST/10537		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587010	**GP-5(24-26)**	ASTM D2974-87	PMST/10537		
50116587011	**GP-6(0-4)**	ASTM D2974-87	PMST/10537		
50116587012	**GP-6(24-26)**	ASTM D2974-87	PMST/10537		
50116587013	**GP-7(0-4)**	ASTM D2974-87	PMST/10537		
50116587014	**GP-7(24-26)**	ASTM D2974-87	PMST/10537		
50116587015	**GP-8(0-4)**	ASTM D2974-87	PMST/10537		
50116587016	**GP-8(24-26)**	ASTM D2974-87	PMST/10537		
50116587017	**GP-9(0-4)**	ASTM D2974-87	PMST/10537		
50116587018	**GP-9(24-26)**	ASTM D2974-87	PMST/10537		
50116587019	**GP-10(0-4)**	ASTM D2974-87	PMST/10537		
50116587020	**GP-10(24-26)**	ASTM D2974-87	PMST/10537		
50116587021	**DUP**	ASTM D2974-87	PMST/10536		
50116587001	**GP-1(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587003	**GP-2(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587004	**GP-2(24-26)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587005	**GP-3(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587011	**GP-6(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587023	**GP-1W**	EPA 7196	WET/21158		
50116587024	**GP-2W**	EPA 7196	WET/21158		
50116587025	**GP-3W**	EPA 7196	WET/21158		
50116587026	**GP-4W**	EPA 7196	WET/21158		
50116587027	**GP-5W**	EPA 7196	WET/21158		
50116587028	**GP-6W**	EPA 7196	WET/21158		
50116587029	**GP-7W**	EPA 7196	WET/21158		
50116587030	**GP-8W**	EPA 7196	WET/21158		
50116587031	**GP-9W**	EPA 7196	WET/21158		
50116587032	**GP-10W**	EPA 7196	WET/21158		
50116587033	**DUP**	EPA 7196	WET/21158		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 3

1922461

Section A Required Client Information:

Company: IWM Consulting
Address: 7428 Rockville Rd
Indpls, IN 46214
Email To: Brad Gentry
Phone: 3173471111 Fax: 3173479326
Requested Due Date/TAT: Std

Section B Required Project Information:

Report To: Brad Gentry
Copy To: Chris Newell
Purchase Order No.:
Project Name: 222 N. Alabama St.
Project Number:

Section C Invoice Information:

Attention: SAME
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Ken Hunt
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

SD11587

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOCs 8260	PAHs 8270 SIM	RCRA-8 Metals	% moist	Hex Chromium Added 4/20/15 per B. Gentry	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-1 (0-4)	SL	G			4/13	0920		5	2						1	2	X	X	X	X	X		-001
2	GP-1 (24-26)						0950		5	2						1	2							-002
3	GP-2 (0-4) (MS/MSD)						1050		15	6						3	6					X		-003
4	GP-2 (24-26)						1135		5	2						1	2					X		-004
5	GP-3 (0-4)						1225															X		-005
6	GP-3 (24-26)						1245																	-006
7	GP-4 (0-4)						1335																	-007
8	GP-4 (24-26)						1405																	-008
9	GP-5 (0-4)						1450																	-009
10	GP-5 (24-26)						1505																	-010
11	GP-6 (0-4)						1540															X		-011
12	GP-6 (24-26)						1610																	-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
G 5 highest Total Cr	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4	Y	N	Y
will have Cr+6 added							3.5			
							2.0			

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Chris Newell
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1922462

Section A Required Client Information:

Company:	IWM Consulting
Address:	7428 Rockville Rd Indpls IN 46214
Email To:	Brad Gentry
Phone: 3173471111	Fax: 3173479326
Requested Due Date/TAT:	Std

Section B Required Project Information:

Report To:	Brad Gentry
Copy To:	Chris Newell
Purchase Order No.:	
Project Name:	222 N. Alabama St.
Project Number:	

Section C Invoice Information:

Attention:	SAME
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Ken Hunt
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): 50116587

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	PAHs 8270 SIM	RCRA 8 Metals	% moist	hex chromium	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-7 (0-4)	SL	G			4/14	0845		5	2						1	2	X	X	X	X			-013
2	GP-7 (24-26)						0900																	-014
3	GP-8 (0-4)						0940																	-015
4	GP-8 (24-26)						1000																	-016
5	GP-9 (0-4)						1040																	-017
6	GP-9 (24-26)						1105																	-018
7	GP-10 (0-4)						1155																	-019
8	GP-10 (24-26)						1210																	-020
9	DUP					4/13	—																	-021
10	Trip Blank			—		4/13	—		3															-022
11	GP-1W (MS/MSD)	WT	G			4/13	1085		2/1	6/2		3/1	9/3	2/1				X	X	X		X		-023
12	GP-2W																	X	X	X		X		-024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4
							3.5
							2.6

client WI

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Newell

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1922460

Section A Required Client Information:

Company:	IWM Consulting
Address:	7428 Rockville Rd Indpls, IN 46214
Email To:	Brad Gentry
Phone: 3173471111	Fax: 3173479326
Requested Due Date/TAT:	Std

Section B Required Project Information:

Report To:	Brad Gentry
Copy To:	Chris Newell
Purchase Order No.:	
Project Name:	222 N. Alabama St.
Project Number:	

Section C Invoice Information:

Attention:	SAMG
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Ken Hunt
Pace Profile #:	

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

50116587

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOCs 8260; SVOCs 8270 SIM; RCRA-8 Metals; hex chromium

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	SVOCs 8270 SIM	RCRA-8 Metals	hex chromium	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-3W	WT	G			4/13	1300		7	2		1	3	1				X	X	X	X		025
2	GP-4W	↓	↓			↓	1420		↓	↓		↓	↓	↓				↓	↓	↓	↓		026
3	GP-5W	↓	↓			↓	1515		↓	↓		↓	↓	↓				↓	↓	↓	↓		027
4	GP-6W	↓	↓			↓	1625		↓	↓		↓	↓	↓				↓	↓	↓	↓		028
5	GP-7W	↓	↓			4/14	0915		↓	↓		↓	↓	↓				↓	↓	↓	↓		029
6	GP-8W	↓	↓			↓	1015		↓	↓		↓	↓	↓				↓	↓	↓	↓		030
7	GP-9W	↓	↓			↓	1120		↓	↓		↓	↓	↓				↓	↓	↓	↓		031
8	GP-10W	↓	↓			↓	1225		↓	↓		↓	↓	↓				↓	↓	↓	↓		032
9	DUP	↓	↓			4/13	—		↓	↓		↓	↓	↓				↓	↓	↓	↓		033
10	Trip Blank	↓	↓			4/13	—		3				3					↓					034
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
GP-3W → 10W unpreserved per client for VOCs	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4
							3.5
							2.6
client ext							

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Newell

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: IWM Project # 50116587

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer 1534

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer 1 2 3 4 5 6 A B C D E F Type of Ice: ☑ Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable) 2.4, 3.5, 2.6 Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and initials of person examining contents: 4/14/15 JJ

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes ☑No ☐N/A	9. (Circle) HNO3 H2SO4 NaOH HCl All other HNO3
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	10. 1=6P-2W
Trip Blank Present:	☑Yes ☐No ☐N/A	11.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Project Manager Review:		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13.
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hurf **Date:** 4/14/15

Form F-IN-Q-290-rev.06, 05Aug2014

Sample Container Count

Pace Analytical
www.pacelabs.com

CLIENT: IWM

COC PAGE 1 of 3

COC ID#

Project # 50116587

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4/6 kit	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	_____	pH <2	pH>12	Comments
1			1			4															
2			1			4															
3			3			12															
4			1			4															
5			1			4															
6			1			4															
7			1			4															
8			1			4															
9			1			4															
10			1			4															
11			1			4															
12			1			4															

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

F-IN-Q-270-rev.05,02Apr2014

Sample Container Count

CLIENT: IWM

COC PAGE 2 of 3

COC ID#

Project # 50116587

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	____	pH <2	pH>12	Comments
1			1		4															
2			1		4															
3			1		4															
4			1		4															
5			1		4															
6			1		4															
7			1		4															
8			1		4															
9			1		4															
10					3															
11	9			6					3					3				1		
12	3			2					1					1				1		

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: LWM

COC PAGE 3 of 3

COC ID#

unpreserved per client

Project # 50116587

Pace Analytical
www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T		pH <2	pH>12	Comments
1	3			2					/					/				✓			
2	3			2					/					/				✓			
3	3			2					/					/				✓			
4	3			2					/					/				✓			
5	3			2					/					/				✓			
6	3			2					/					/				✓			
7	3			2					/					/				/			
8	3			2					/					/				/			
9	3			2					/					/				/			
10	3																				
11																					
12																					

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

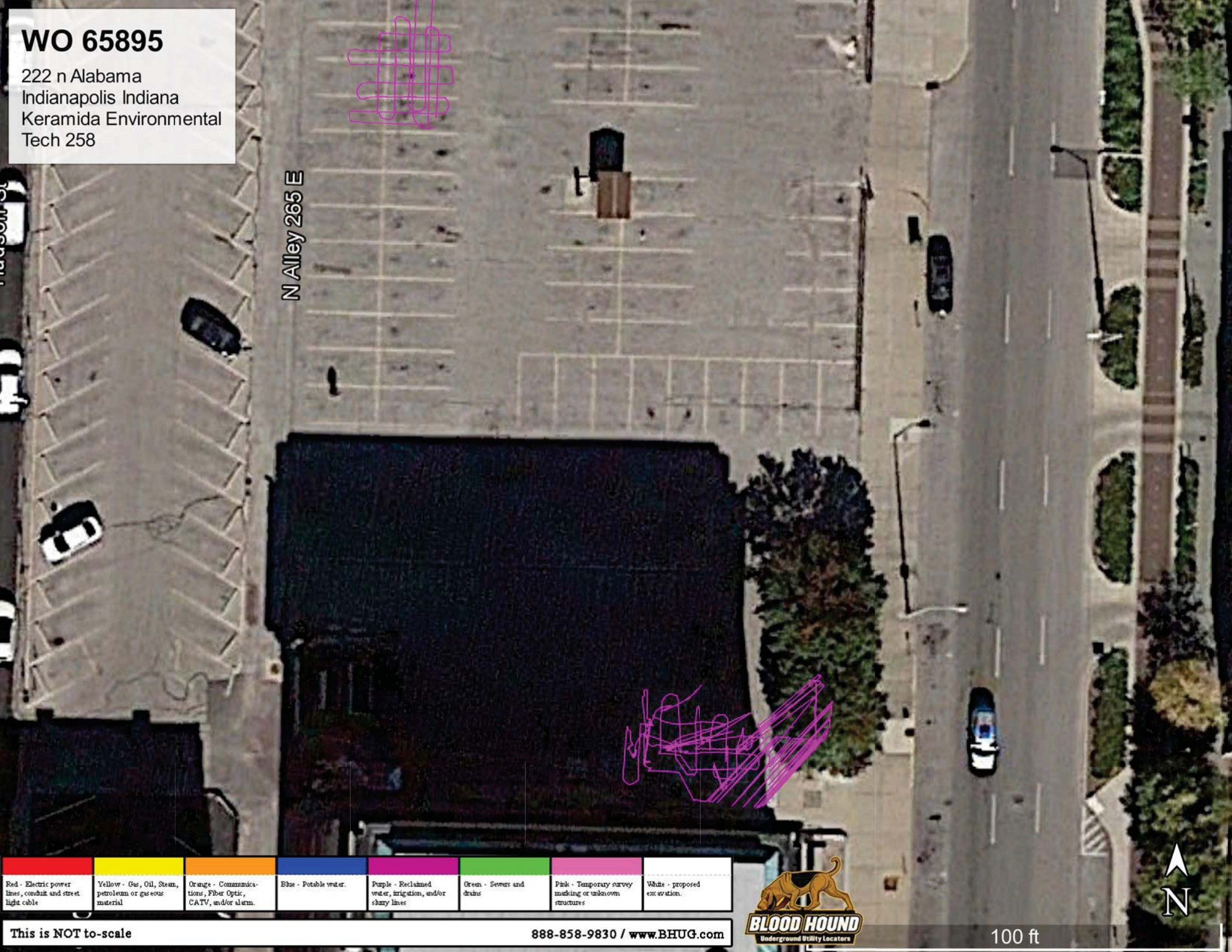
F-IN-Q-270-rev.05,02Apr2014

ATTACHMENT 2

Ground Penetrating Radar (GPR) Scan Areas

WO 65895

222 n Alabama
Indianapolis Indiana
Keramida Environmental
Tech 258

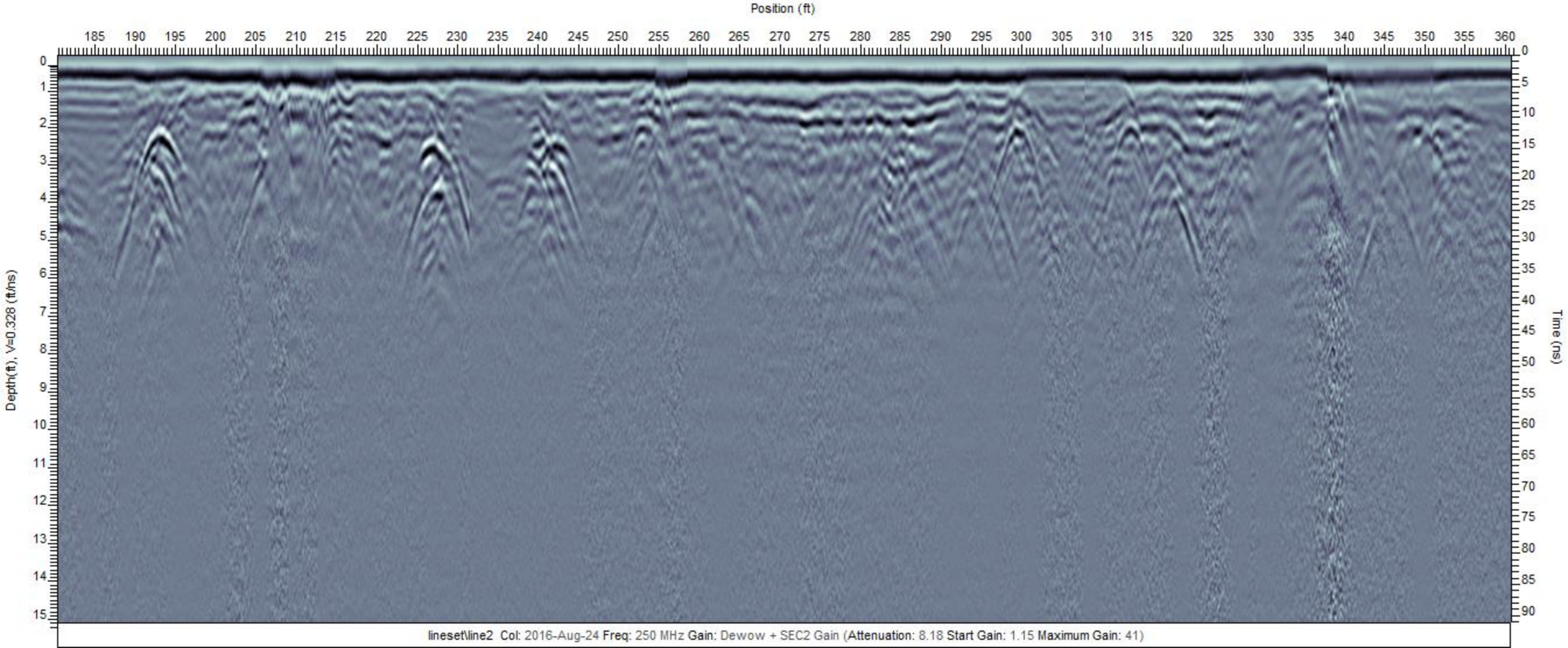


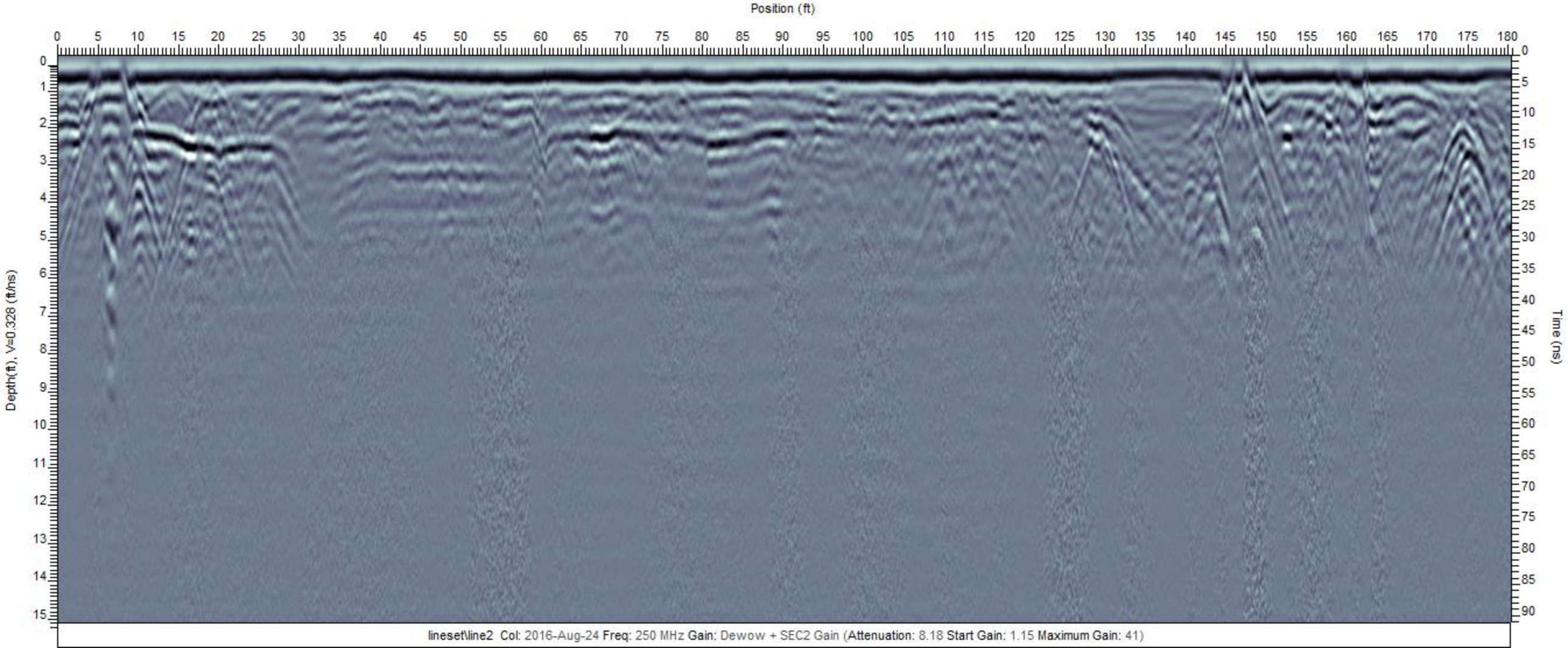
Red - Electric power lines, conduit and street light cable	Yellow - Gas, Oil, Steam, petroleum or gaseous material	Orange - Communications, Fiber Optic, CATV, and/or alarm.	Blue - Potable water.	Purple - Reclaimed water, irrigation, and/or slurry lines	Green - Sewers and drains	Pink - Temporary survey marking or unknown structures	White - proposed excavation.

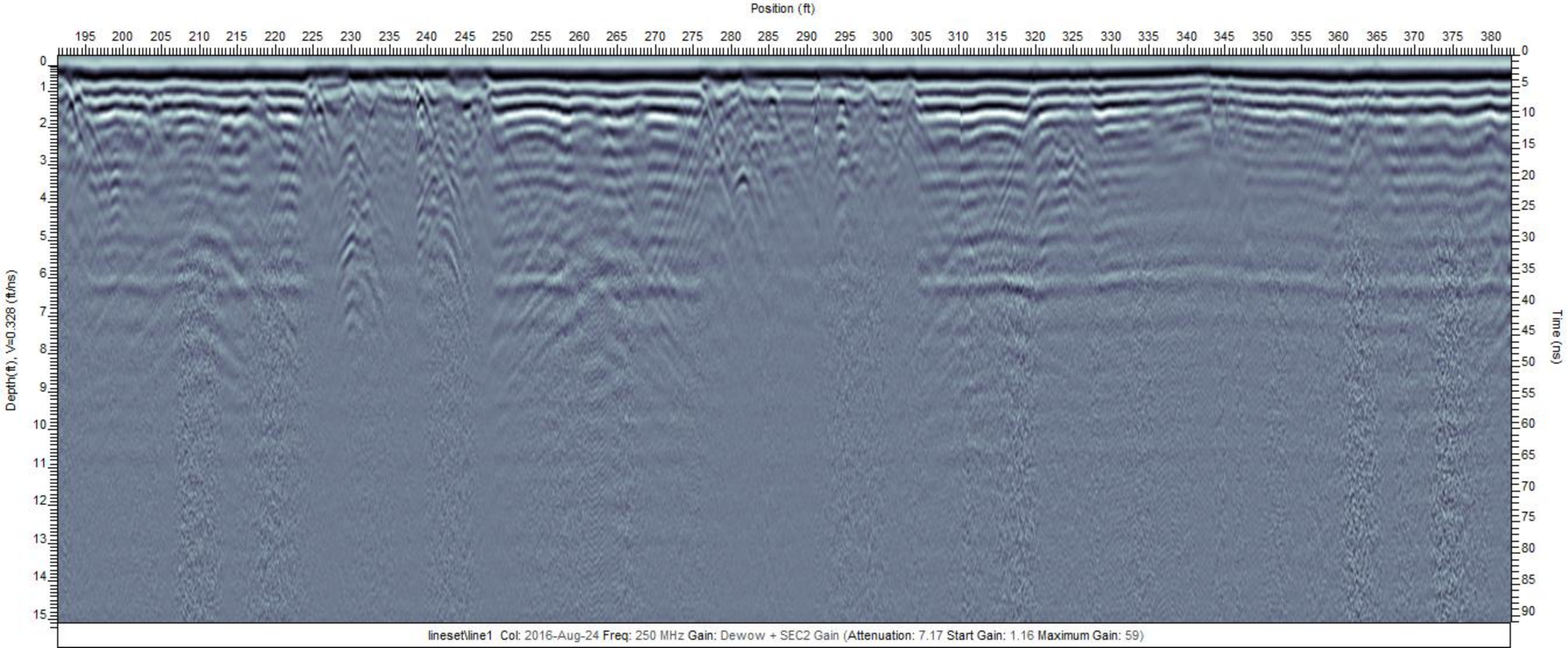
This is NOT to-scale

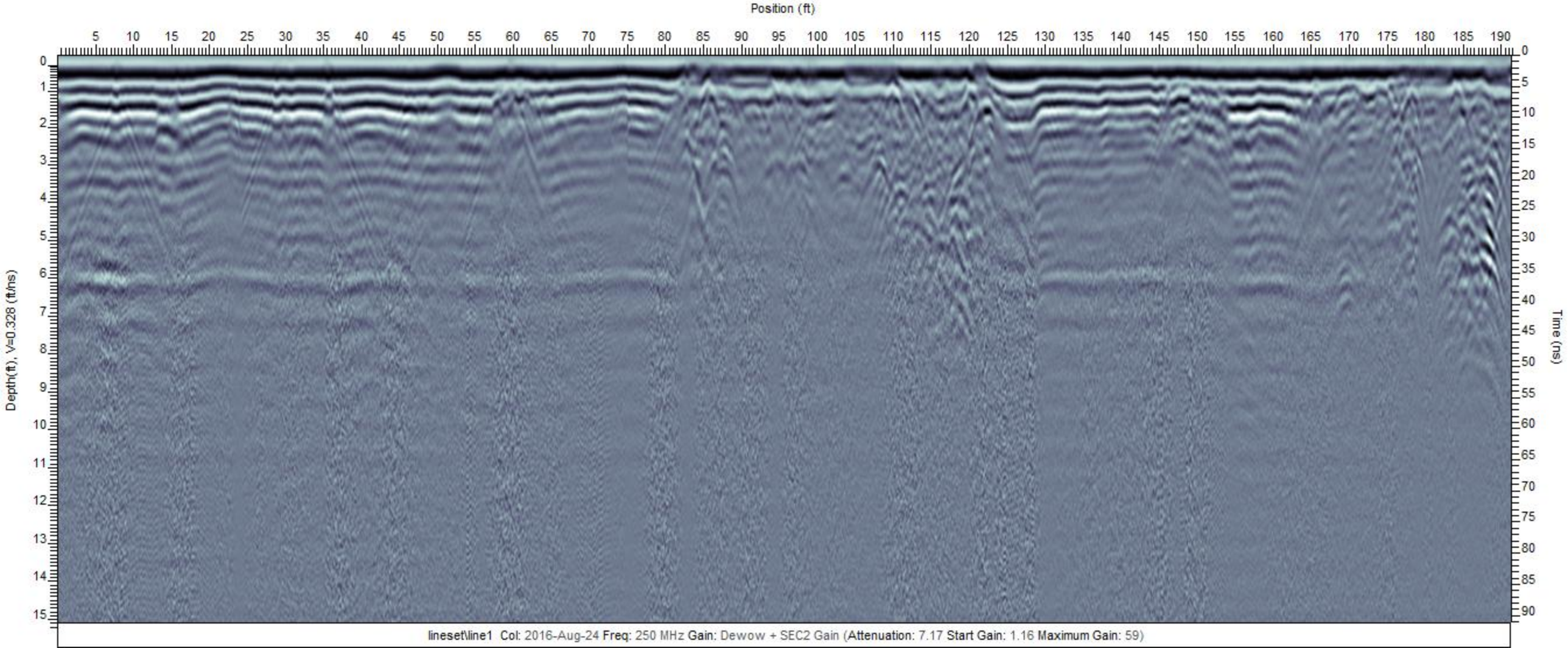
888-858-9830 / www.BHUG.com

BLOOD HOUND
Underground Utility Locators


Position (ft)
185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360
Depth(ft), V=0.328 (ft/ns)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Time (ns)
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
lineset\line2 Col: 2016-Aug-24 Freq: 250 MHz Gain: Dewow + SEC2 Gain (Attenuation: 8.18 Start Gain: 1.15 Maximum Gain: 41)


Position (ft)
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180
Depth(ft), V=0.328 (ft/ns)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Time (ns)
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
lineset\line2 Col: 2016-Aug-24 Freq: 250 MHz Gain: Dewow + SEC2 Gain (Attenuation: 8.18 Start Gain: 1.15 Maximum Gain: 41)


Position (ft)
195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380
Depth(ft), V=0.328 (ft/ns)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Time (ns)
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
lineset\line1 Col: 2016-Aug-24 Freq: 250 MHz Gain: Dewow + SEC2 Gain (Attenuation: 7.17 Start Gain: 1.16 Maximum Gain: 59)


Position (ft)
Depth(ft), V=0.328 (ft/ns)
Time (ns)
lineset\line1 Col: 2016-Aug-24 Freq: 250 MHz Gain: Dewow + SEC2 Gain (Attenuation: 7.17 Start Gain: 1.16 Maximum Gain: 59)

ATTACHMENT 3

Photograph Log

KERAMIDA
ENGINEERS • SCIENTISTS • PLANNERS
GLOBAL EHS & SUSTAINABILITY SERVICES

Site Photographs

	Photo Date:	Project:	Project #
	August 24, 2016	222 Alabama Street	15810A

Photo #1

North anomaly prior to saw cutting or evacuation activities.

Photo #2

South anomaly during field activities.

KERAMIDA
Engineers • Scientists • Planners
Global EHS & Sustainability Services

Site Photographs

	Photo Date:	Project:	Project #
	August 24, 2016	222 Alabama Street	15810A

Photo #3

North anomaly during vacuum evacuation activities.

Photo #4

South anomaly. Silty sand urban fill and brick.

KERAMIDA
Engineers • Scientists • Planners
Global EHS & Sustainability Services

Site Photographs

	Photo Date:	Project:	Project #
	August 24, 2016	222 Alabama Street	15810A

Photo #5

South anomaly following evacuation. Painted lines indicate utilities.

Photo #6

South anomaly evacuated to a final depth of nearly 6 feet.

7428 Rockville Road | Indianapolis, IN 46214 | 317.347.1111 office | 317.347.9326 fax

May 20, 2015

Mr. Cameron Starnes
Assistant Administrator - Brownfield Redevelopment
Department of Metropolitan Development
Office of Mayor Greg Ballard – City of Indianapolis
200 E. Washington Street, Suite 2034
Indianapolis, Indianapolis 46204

RE: Phase II ESA Report
Parking Lot Property
222 North Alabama Street
Indianapolis, Marion County, Indiana

Dear Mr. Starnes:

In accordance with the Phase II Environmental Site Assessment (ESA) proposal dated March 19, 2015, Industrial Waste Management Consulting Group, LLC (IWM Consulting) conducted a Phase II ESA for the Parking Lot Property located at 222 North Alabama Street, Indianapolis, Indiana (Site). The Phase II ESA activities included the installation of ten onsite soil borings (GP-1 through GP-10) and completion of a site wide geophysical survey. The objective of the Phase II ESA activities were to determine if historical onsite or offsite operations have adversely impacted the subsurface of the Site and to determine if any historical structures (basements, footers, foundations, cisterns, underground storage tanks (USTs), etc…) are still present beneath the surface of the Site

The Site currently consists of a paved, public vehicle parking lot that contains approximately 0.75 acres. A small attendant's booth is located at the center of the Site, and two air conditioning compressor units associated with the building on the property adjacent to the south are located on the southwest corner of the Site. It is anticipated that the Site will be developed in the near future for commercial use (i.e. hotel with a partial underground parking garage). A site location map is provided as **Figure 1**.

The Phase II ESA scope of work was based upon the recognized environmental conditions (RECs) identified in the ASTM Practice E1527-13 compliant Phase I ESA Report prepared for the Site. The Phase I ESA Report was dated February 18, 2015 and was prepared by IWM Consulting for the benefit of the City of Indianapolis. Specifically, two (2) RECs were identified in the Phase I ESA which requires additional investigation and evaluation. The RECs are summarized below:

- Historical review indicates the Site was occupied by a laundry facility, printing companies, an auto service facility and gasoline station, an automobile sales facility, and a tire sales and service company at various times from at least 1914 through 1974. Details concerning the operations of these facilities are not readily available. Three gasoline underground storage tanks (USTs) for the gasoline station were shown on the north-central portion of the Site on historical fire insurance maps, but no information is available concerning the status of the tanks. These types of facilities typically utilize *hazardous substances* and/or *petroleum products* in their operations. Further investigation is necessary to determine if the storage

tanks from the former gasoline station were removed from the Site and to determine if soil and/or groundwater have been adversely impacted by releases of *hazardous substances* and/or *petroleum products* by past Site occupants.

- The Site is registered as a Brownfield Property with IDEM. Because no information is readily available regarding the listing of the Site as a Brownfield, this listing is a *REC* for the Site.

The Phase II ESA work activities, including the results of the Phase II ESA activities, are described in more detail in the following sections.

Geophysical Survey

Prism GeoImaging, Inc., (Prism) under the supervision of IWM Consulting, conducted a Site wide geophysical survey on March 26, 2015. The survey was completed during the evening hours in order to minimize the number of vehicles parked in the parking lot during the survey. The survey combined three different geophysical survey methods: 3D ground penetrating radar (GPR), electromagnetic (EM) metal detection, and conductivity mapping. 3D GPR is a high resolution method and the best way to locate small targets such as piping runs, relict utilities, and former utility trenches. EM metal detection is the best way to identify USTs, drums, and other buried metal materials. Conductivity mapping is very sensitive to changes in soil type, which makes it well-suited to identify filled basements, foundations, cisterns, etc.

Numerous subsurface anomalies were detected beneath the Site, including two potential USTs (one in the northwest corner and one in the southeast corner), three potential cisterns, numerous post footers and old foundations, one reinforced concrete area, and a large area along the southern portion of the Site which appears to be a filled basement/crawlspace. One suspect UST area is near the former Tire Sales and Service Building (west of the former filling station), and one suspect UST area is beneath the historical laundry/print shop building. The large filled area corresponds to the location of the historical Excelsior Steam Laundry and Printing Company building and extends to a depth approximating 2-4 feet below land surface (BLS).

A Geophysical Investigation Report, including the survey methodology, results, and scaled diagrams displaying the anomalies, is provided in **Attachment A**. Please refer to Figure 6 of the Geophysical Investigation Report to see the location of all of the documented anomalies.

Subsurface Investigation & Sampling Activities

Soil Boring Installation Activities

SCS Environmental Contracting, Inc. (SCS), under the supervision of IWM Consulting, installed ten soil borings (GP-1 through GP-1) at the Site between April 13 and 14, 2015.

All of the soil borings were advanced to a depth of 32 feet BLS, with the exception of soil boring GP-1, which was advanced to a depth of 36 feet BLS. The soil borings were installed utilizing a track-mounted Geoprobe® 6620DT direct push unit in order to evaluate the deeper subsurface soil conditions and to obtain one time groundwater samples by intersecting the top of the underlying shallow groundwater table. Continuous soil samples were obtained utilizing dual-tube methods

where a four-foot long acetate sleeve contained within a stainless steel casing is advanced to obtain the soil sample. The acetate sleeve containing the soil sample is then removed while the stainless steel casing remains in place. A new acetate sleeve is placed inside the casing for continued sampling and advancement of the borehole. All of the sampling intervals were field screened with a photo-ionization detector (PID) and the lithology of each soil boring was described.

The lithology at the Site generally consisted of 0.5 to 5.25 feet of sand and clay fill material, including black cinders, brick, concrete debris, and gravel/cobble, overlying brown sandy clays which extended to depths between 4 and 6 feet BLS. Underlying the clays was brown to grey-brown medium-coarse sands extending to 28 feet BLS. The observed groundwater table was encountered at 28 feet BLS and the water-bearing unit consisted of grey-brown to grey medium-coarse to gravelly sands to the base of the boreholes. PID readings ranged from 0.0 ppmv (various) to 0.4 ppmv (GP-8, 0 – 2 feet BLS). Soil boring logs have been included in **Attachment B**.

The soil boring locations are depicted by location on **Figure 2**.

Soil Sampling Activities

In accordance with the originally proposed scope of work, one shallow near surface (0-4 feet BLS) and one deeper (>4 feet BLS) confirmatory soil sample were obtained from each soil boring and submitted for laboratory analysis of VOCs using SW-846 Method 8260, low level poly-aromatic hydrocarbons (PAHs) using SW-846 Method 8270 SIM, RCRA-8 Metals (As, Ba, Cd, Cr, Pb, Hg, Se, and Ag) using the appropriate SW-846 Method, and percent moisture. The five (5) soil samples which exhibited the highest total chromium concentrations were also analyzed for hexavalent chromium using SW-846 Method 7196A. The volatile soil samples will be obtained in general accordance with EPA Sampling Method 5035. Specifically, the volatile soil samples were transferred from the sampling device into tarred, laboratory provided 40-mL vials using a dedicated Terra Core™ Sampler.

The shallower near surface soil samples were obtained in order to characterize the soil horizon which is anticipated to be excavated and removed during future Site development activities. The deeper soil samples were obtained from intervals that exhibited staining, the highest field screen reading, or from the interval immediately above the observed water table if no staining or elevated field screen readings are observed. No staining or elevated field screen readings were observed for the deeper soil samples and consequently, each deeper soil sample corresponds to the interval immediately above the observed water table (26-28 feet BLS).

One duplicate soil sample (GP-1, 0-4 feet) and one matrix spike/matrix spike duplicate (MS/MSD) soil (GP-2, 0-4) sample were also obtained as part of the Quality Assurance/Quality Control (QA/QC) procedures. All of the soil samples were submitted under chain-of-custody controls to Pace Analytical Services, Inc. (Pace) and analyzed using Level II QA/QC.

Groundwater Sampling Activities

Temporary, 1.0-inch diameter PVC wells with either 5-feet (GP-2 through GP-10) or 10-feet (GP-1) of 0.01 slot screen were installed in each location in order to obtain one-time groundwater samples from each borehole. The groundwater samples were obtained from the temporary sampling points using disposable, dedicated polyethylene tubing equipped with a stainless steel ball check valve that was decontaminated between each borehole.

All of the groundwater samples were submitted for laboratory analysis of VOCs using SW-846 Method 8260, low level PAHs using SW-846 Method 8270 SIM, RCRA-8 Metals, and hexavalent chromium. The metals were not filtered and were collected in a 250 mL plastic bottle with a HNO_3 preservative. One duplicate groundwater sample (GP-2) and one MS/MSD groundwater sample (GP-1) were also obtained as part of the QA/QC procedures. The one-time groundwater samples were submitted under chain-of-custody controls to Pace and analyzed using Level II QA/QC.

Once the groundwater samples were obtained, the temporary PVC sampling points were removed and the resulting borehole was filled with bentonite chips and sealed at the surface with similar surfacing material (asphalt).

Subsurface Investigation Analytical Results

Soil Analytical Results

All of the soil samples had VOC concentrations less than the corresponding laboratory detection limits.

All of the soil samples had PAH concentrations less than the laboratory detection limits or the most stringent Remediation Closure Guide (RCG) Screening Levels with the exception of the benzo(a)pyrene concentrations observed in the shallower soil samples (0-4 feet BLS) obtained from soil borings GP-1 and GP-3. The benzo(a)pyrene concentrations for GP-1 (0-4' BLS), the duplicate obtained from GP-1, and GP-3 (0-4 feet BLS) were 0.22 mg/kg, 0.41 mg/kg, and 1.0 mg/kg, respectively, which exceeds the corresponding RCG Residential Direct Contact Screening Level (RDCSL) of 0.21 mg/kg.

Fifteen (15) of the twenty-one (21) soil samples analyzed (including the duplicate soil sample) had arsenic concentrations equal to or in excess of the corresponding RCG Migration to Groundwater Screening Level (MTGWSL) of 5.9 mg/kg. Ten (10) of the soil samples were obtained from the shallower sampling interval (0-4 feet BLS) and five (5) of the samples were obtained from deeper sampling intervals (24-26 feet BLS). The reported concentrations equal to or exceeding the RCG Residential MTGWSL ranged between 5.9 mg/kg (GP-8, 0-4 feet) and 89 mg/kg (GP-4, 24-26 feet). All of the remaining soil samples had arsenic concentrations less than the most stringent RCG Screening Level.

Two (2) of the shallow soil samples (GP-3, 0-4 feet and GP-4, 0-4 feet) which exhibited arsenic concentrations in excess of the RCG Residential MTGWSL also exceeded the corresponding RCG RDCSL of 9.4 mg/kg. The arsenic concentrations observed in GP-3 and GP-4 was 9.9 mg/kg and 13.8 mg/kg, respectively.

Three (3) of the deeper soil samples (GP-3, 24-26 feet, GP-4, 24-26 feet, and GP-7, 24-26 feet) which exhibited arsenic concentrations in excess of the RCG Residential MTGWSL also exceeded the corresponding RCG RDCSL of 9.4 mg/kg. The arsenic concentrations observed in GP-3, GP-4, and GP-7 were 23.1 mg/kg, 89 mg/kg, and 11.1 mg/kg, respectively. The arsenic concentration observed in GP-4 also exceeded the corresponding RCG Commercial/Industrial Direct Contact Screening Level (IDCSL) of 30 mg/kg. This reported arsenic concentration is less than the corresponding RCG Excavation Direct Contact Screening Level of 920 mg/kg.

All of the remaining soil samples had RCRA-8 Metal concentrations less than the most stringent RCG Screening Level with the exception of the lead concentration observed in the shallow soil sample obtained from GP-5. The reported lead concentration in GP-5 (0-4 feet) was 675 mg/kg, which exceeded both the RCG Residential MTGWSL (270 mg/kg) and the RCG RDCSL (400 mg/kg). The five (5) soil samples submitted for laboratory analysis of hexavalent chromium had concentrations less than the corresponding laboratory detection limit. The laboratory detection limits ranged between 2.2 mg/kg and 2.3 mg/kg, which exceeds the RCG MTGWSL of 0.14 mg/kg, but is less than the RCG Residential DCSL of 4.2 mg/kg.

The soil analytical results are summarized in **Table 1.** The near surface soil analytical results are displayed by location on **Figure 3** and the deeper soil analytical results are displayed by location on **Figure 4**. The laboratory analytical report is included in **Attachment C**.

Groundwater Analytical Results

All of the groundwater samples had VOC and PAH concentrations less than the corresponding laboratory detection limits or the most stringent RCG Screening Level. In fact, the only VOC or PAH constituent detected above the laboratory detection limit was 1,1-dichloroethane (1,1 DCA), which was detected in GP-7 at a concentration of 6.2 μg/L. The RCG Residential Tap Groundwater Screening Level (GWSL) for 1,1 DCA is 27 μg/L.

All of the groundwater samples exhibited total RCRA 8 Metal concentrations in excess of the corresponding RCG Residential Tap GWSL. However, it is the opinion of IWM Consulting that the analytical results for the grab groundwater samples are biased high due to the propensity for high turbidity to be present in groundwater samples obtained from temporary sampling points. High turbidity in groundwater samples has been documented to bias metal concentrations high when compared to low turbidity samples obtained from properly constructed monitoring wells.

The groundwater analytical results are summarized in **Table 2** displayed by location on **Figure 5**. The laboratory analytical report is included in **Attachment C**.

Statistical Average Results

The arithmetic mean of three constituents, specifically arsenic, lead, and benzo(a)pyrene, found in the near surface soils (0-4 feet BLS) and deeper soil soils (24 -26 feet BLS) exceeding their respective RCG RDCSLs were compiled to determine if these concentrations pose an unacceptable risk given the expected future use of the property (hotel with partial underground parking garage extending to a depth not exceeding 4 feet BLS). Half of the laboratory reporting limit was utilized for non-detect concentrations during statistical averaging. Eleven (11) soil samples, including the duplicate soil sample were utilized for the near surface soil calculations and ten (10) soil samples were utilized for the deeper soil calculations. A summary of the statistical average results is included on **Table 3**.

The calculated arithmetic statistical average of arsenic concentrations in the near surface soil samples (0-4 feet BLS) was equal to 8.0 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) but is less than the RCG RDCSL (9.4 mg/kg). The calculated arithmetic statistical average of arsenic concentrations in the deeper soil samples (24-26 feet BLS) was equal to 16.11 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) and RCG RDCSL (9.4 mg/kg) but is less than the RCG

IDCSL (30 mg/kg). Since the deeper soil samples were obtained from depths greater than 10 feet BLS, the soil is not readily accessible and it is unlikely that any future construction workers or Site occupants will come into direct contact with the deeper soil.

The calculated arithmetic statistical average of the lead concentrations in the near surface soil (0-4 feet BLS) and the deeper soil samples (24-26 feet BLS) was equal to 112.1 mg/kg and 16.51 mg/kg, respectively. Both of these averages are less than the corresponding RCG Residential MTGWSL (270 mg/kg) and RCG RDCSL (400 mg/kg).

The calculated arithmetic statistical averages of the benzo(a)pyrene concentrations in the near surface soil (0-4 feet BLS) and the deeper soil samples (24-26 feet BLS) was equal to 0.174 mg/kg and 0.015 mg/kg, respectively. Both of these averages are less than the corresponding RCG RDCSL (0.21 mg/kg), RCG IDCSL (2.1 mg/kg), and the RCG Residential MTGWSL (4.7 mg/kg).

Conclusions

Based upon the results of the Phase II ESA activities, the following conclusions have been developed:

- The lithology beneath the Site generally consists of 0.5 to 5.25 feet of sand and clay fill material, including black cinders, brick, concrete debris, and gravel/cobble, overlying brown sandy clays which extended to depths between 4 and 6 feet BLS. Underlying the clays was brown to grey-brown medium-coarse sands extending to 28 feet BLS. The observed unconfined groundwater table was encountered at 28 feet BLS and the water-bearing unit consisted of grey-brown to grey medium-coarse to gravelly sands to the base of the boreholes. Although the site specific groundwater flow direction was not determined as part of this Phase II ESA, the groundwater in the area is documented to flow toward the southwest.

- Two (2) suspect UST locations were identified during the geophysical survey, along with several historical post footers, cisterns, and foundations. One suspect UST area is near the former Tire Sales and Service Building (west of the former filling station) and one suspect UST area is beneath the historical laundry/print shop building. If any USTs or cisterns are encountered during the future development activities, the USTs or cisterns should be emptied, cleaned, and removed in a manner consistent with industry standards. The remaining structures, and any other undocumented structures, may also need to be removed during development activities in order to facilitate the new hotel/parking garage.

- Additionally, it appears that a large area along the south side of the Site is occupied by a shallow basement/crawlspace. The basement/crawlspace appears to correspond to the location of the historical Excelsior Steam Laundry and Printing Company building and fill material is present within the basement/crawlspace and the fill material extends to a depth approximating 2-4 feet BLS.

- Arsenic was detected in all of the soil samples at concentrations ranging from 4.0 mg/kg to 89.0 mg/kg. With the exception of the 89 mg/kg observed in the deep sample obtained from GP-4, all of the remaining arsenic concentrations were less than the RCG IDCSL (30 mg/kg). Fifteen (15) of the twenty-one (21) soil samples analyzed (including the duplicate soil sample) had arsenic concentrations equal to or in excess of the corresponding RCG

MTGWSL value (5.9 mg/kg); however, native Indiana soils can often have naturally occurring arsenic concentrations that exceed the aforementioned screening level. Ten (10) of the soil samples were obtained from the shallower sampling interval (0-4 feet BLS) and five (5) of the samples were obtained from deeper sampling intervals (24-26 feet BLS).

- The calculated arithmetic statistical average of arsenic concentrations in the near surface soil samples (0-4 feet BLS) was equal to 8.0 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) but is less than the RCG RDCSL (9.4 mg/kg).

- The calculated arithmetic statistical average of arsenic concentrations in the deeper soil samples (24-26 feet BLS) was equal to 16.11 mg/kg, which exceeds the RCG Residential MTGWSL (5.9 mg/kg) and RCG RDCSL (9.4 mg/kg) but is less than the RCG IDCSL (30 mg/kg). It should be noted that the deeper soil samples were obtained from depths greater than 10 feet BLS and thus it is unlikely that any future construction workers or Site occupants will come into contact with the soil.

- The calculated arithmetic statistical average of the lead and benzo(a)pyrene near surface soil samples and deeper soil samples were less than the corresponding RCG Residential MTGWSL and RCG RDCL.

- Based upon the fact that arsenic is a naturally occurring chemical and all other potential constituents of concern (VOCs, PAHs, and RCRA 8 Metals) have concentrations (either sample specific or the calculated arithmetic statistical average) less than the laboratory detection limits or most stringent RCG Screening Level, it is possible that any shallow soil disturbed during the future development activities could be considered Uncontaminated Soil, as outlined in the Indiana Department of Environmental Management (IDEM) Uncontaminated Soil Non-Rule Policy Document (Policy Number Waste-0064) effective April 10, 2015. However, given the large volume (estimated to be between 3,000 to 6,000 tons) of soil that may be excavated during the development activities, additional sampling of the shallow soil may be required before this determination is made.

- The groundwater beneath the Site VOC and PAH concentrations either less than the corresponding laboratory detection limits or the most stringent RCG Screening Levels. However, all of the groundwater samples had total RCRA 8 Metal concentrations in excess of the RCG Residential Tap GWSL.

- It is the opinion of IWM Consulting that the total metal concentrations in the groundwater samples are biased high due to the fact that the one-time groundwater samples were obtained from temporary sampling points. However, based upon the results obtained during this Phase II ESA, an Environmental Restrictive Covenant (ERC) may need to be placed on the Site prohibiting the installation and operation of an onsite water well for consumptive use. An alternative approach would be to obtain confirmation groundwater samples in areas adjacent to the three sampling points which exhibited the highest total metal concentrations (GP-3, GP-9, and GP-10). Paired groundwater samples can be obtained from each new sampling point and analyzed for both total and dissolved RCRA-8 Metals or low flow groundwater samples can be obtained from permanently installed monitoring wells, if they are installed in these areas.

Thank you for the opportunity to assist the City of Indianapolis with this project. If you have any questions regarding the information included with this submittal, please contact the undersigned at (317) 347-1111.

Sincerely,

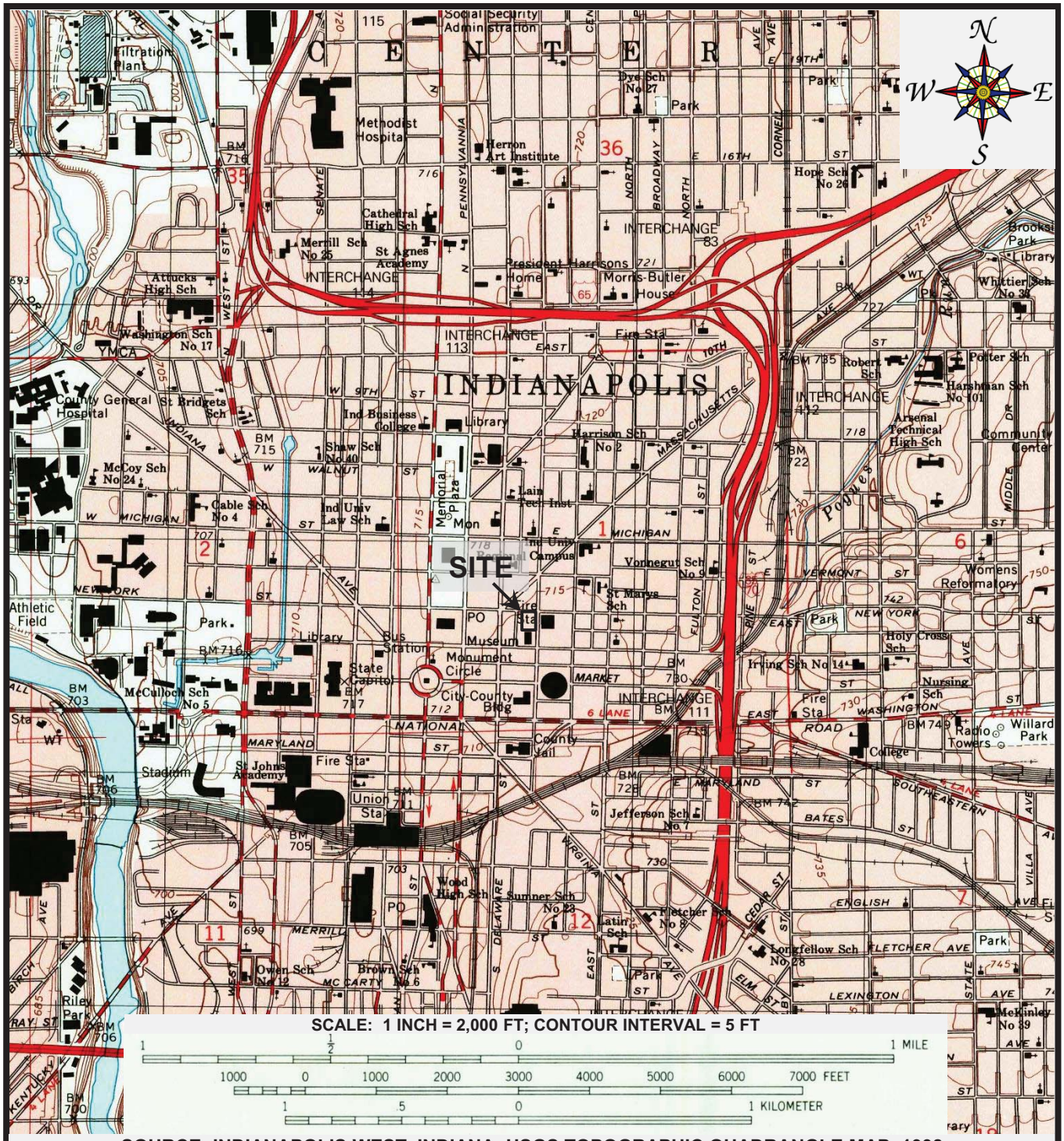
IWM CONSULTING GROUP, LLC

Christopher Newell, LPG #2397
Project Geologist

Bradley E. Gentry, LPG #2165
Vice President/Brownfield Coordinator

cc: Andrea Robertson Habeck, Indiana Brownfield Program

FIGURES



SOURCE: INDIANAPOLIS WEST, INDIANA, USGS TOPOGRAPHIC QUADRANGLE MAP, 1998

iWM CONSULTING GROUP

7428 Rockville Road, Indianapolis, Indiana 46214
(317) 347-1111 Fax: (317) 347-9326

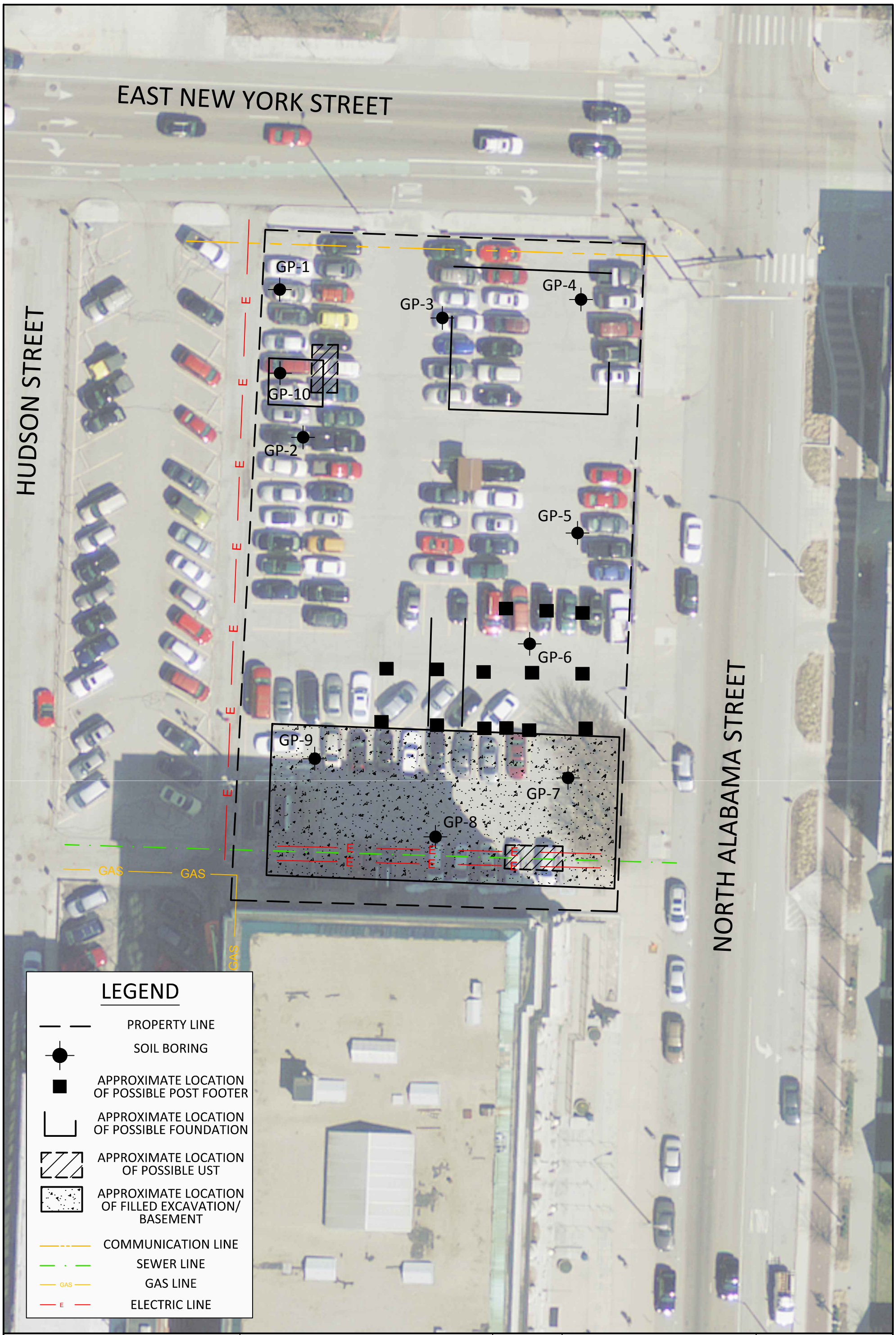
Project	Task	Size	Date
IN15010	01	A	2/9/2015

FIGURE 1

Site Location Map
Alabama Street Parking Lot
222 North Alabama Street
Indianapolis, Indiana

CLIENT

THE CITY OF INDIANAPOLIS
INDIANAPOLIS, INDIANA



N

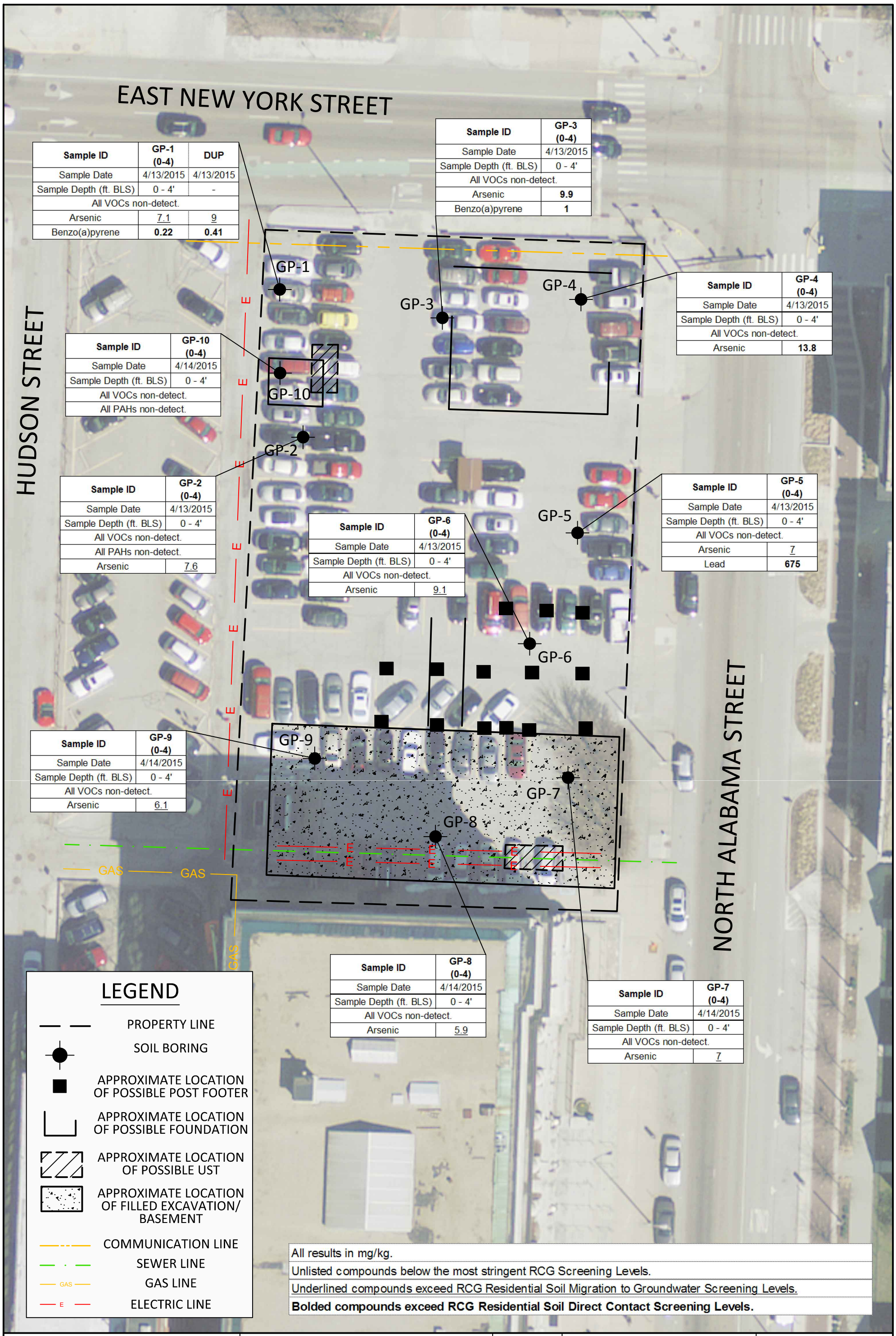
FIGURE 2

SITE MAP

DRAWN BY:	C. NEWELL
DATE:	05/19/2015
REVISED:	
IN15010	
DWG #Site Map	

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

iWM CONSULTING GROUP



Sample ID	GP-1 (0-4)	DUP
Sample Date	4/13/2015	4/13/2015
Sample Depth (ft. BLS)	0 - 4'	-
All VOCs non-detect.		
Arsenic	7.1	9
Benzo(a)pyrene	**0.22**	**0.41**

Sample ID	GP-3 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	**9.9**
Benzo(a)pyrene	**1**

Sample ID	GP-4 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	**13.8**

Sample ID	GP-10 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-2 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	7.6

Sample ID	GP-6 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	9.1

Sample ID	GP-5 (0-4)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	7
Lead	**675**

Sample ID	GP-9 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	6.1

Sample ID	GP-8 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	5.9

Sample ID	GP-7 (0-4)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	0 - 4'
All VOCs non-detect.	
Arsenic	7

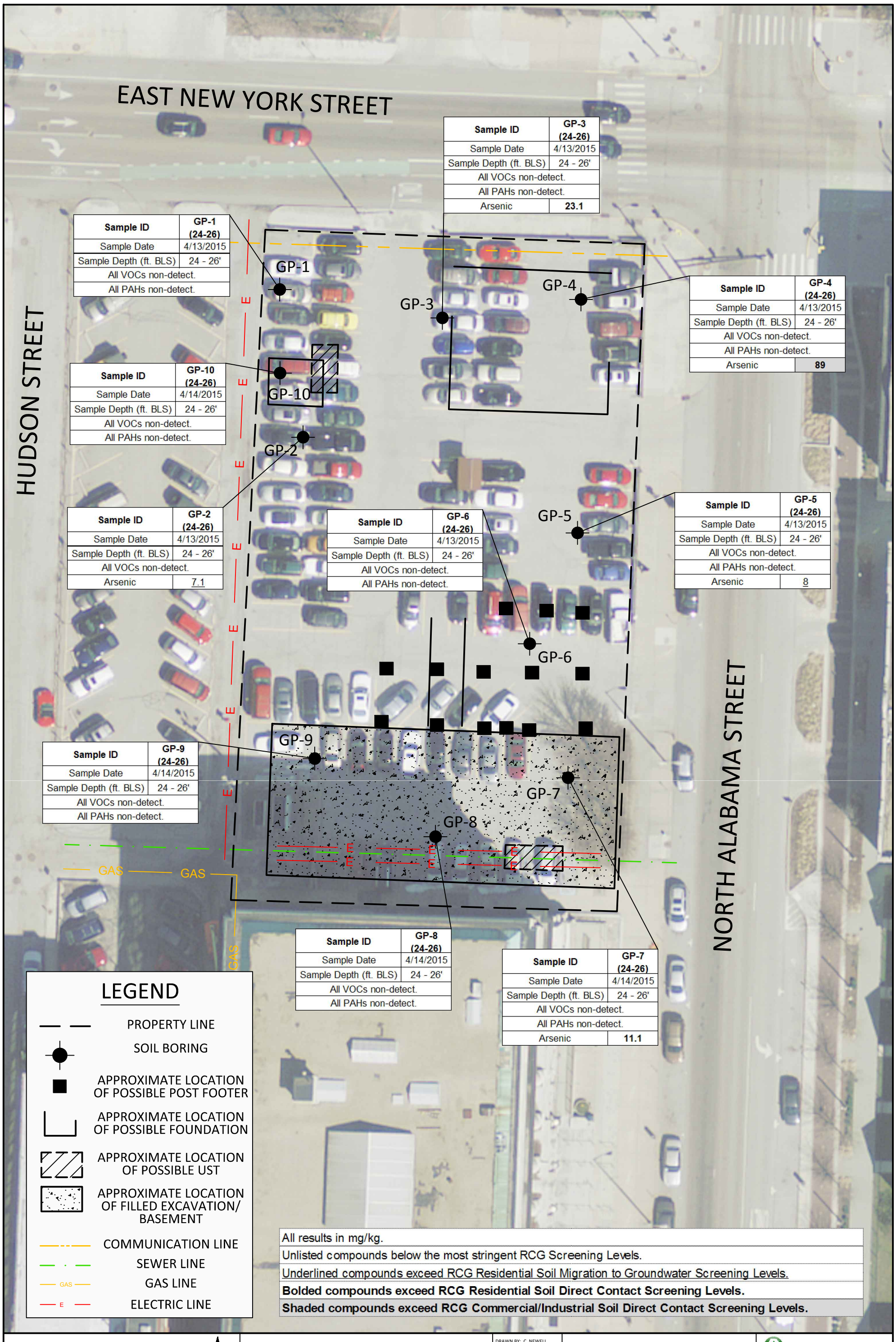
FIGURE 3

NEAR SURFACE SOIL ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

iWM CONSULTING GROUP



Sample ID	GP-1 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-2 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
Arsenic	7.1

Sample ID	GP-3 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**23.1**

Sample ID	GP-4 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**89**

Sample ID	GP-5 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	8

Sample ID	GP-6 (24-26)
Sample Date	4/13/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-7 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	**11.1**

Sample ID	GP-8 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-9 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

Sample ID	GP-10 (24-26)
Sample Date	4/14/2015
Sample Depth (ft. BLS)	24 - 26'
All VOCs non-detect.	
All PAHs non-detect.	

All results in mg/kg.
Unlisted compounds below the most stringent RCG Screening Levels.
Underlined compounds exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded compounds exceed RCG Residential Soil Direct Contact Screening Levels.
Shaded compounds exceed RCG Commercial/Industrial Soil Direct Contact Screening Levels.

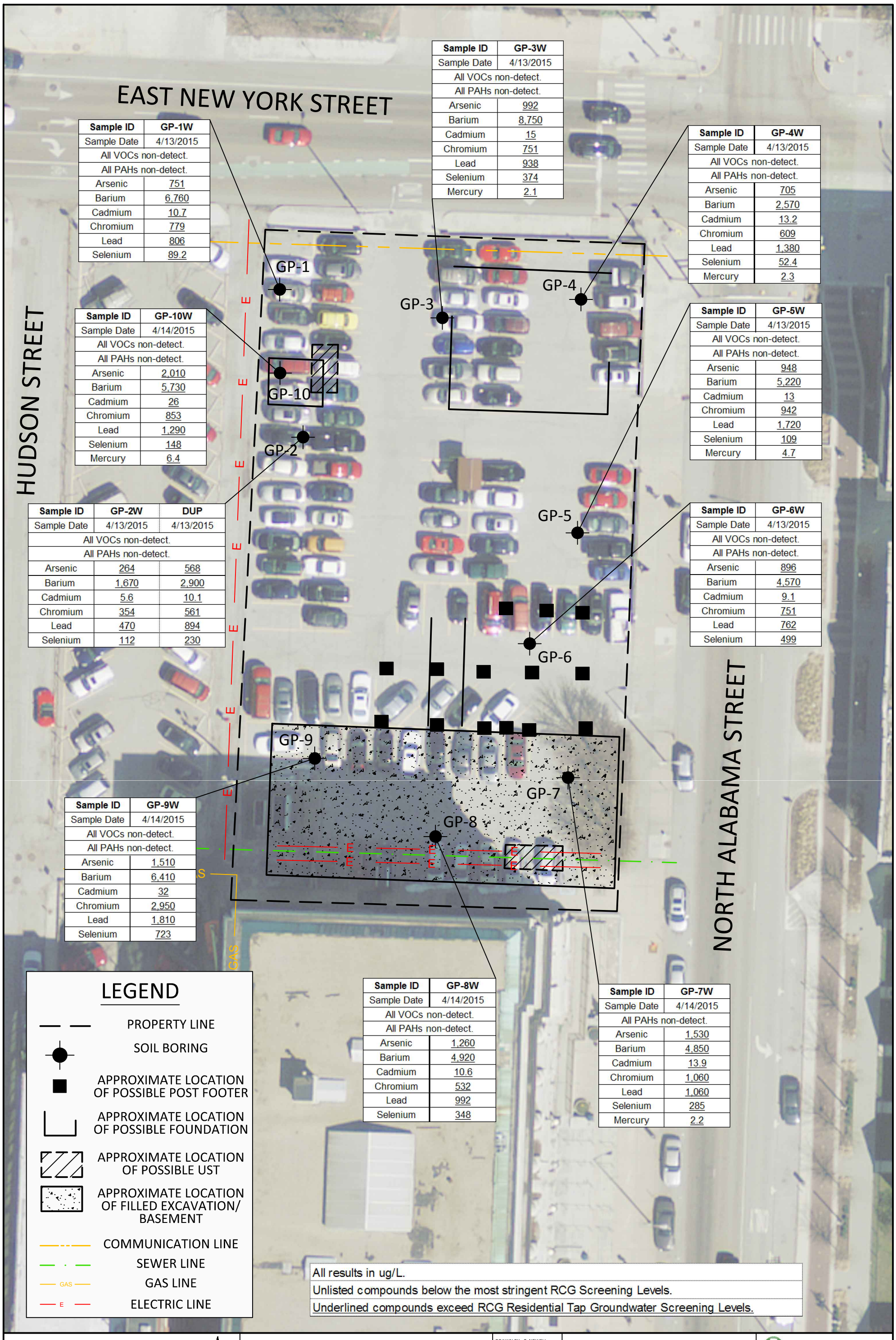
FIGURE 4

DEEP SOIL ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

IWM CONSULTING GROUP



Sample ID	GP-1W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	751
Barium	6,760
Cadmium	10.7
Chromium	779
Lead	806
Selenium	89.2

Sample ID	GP-3W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	992
Barium	8,750
Cadmium	15
Chromium	751
Lead	938
Selenium	374
Mercury	2.1

Sample ID	GP-4W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	705
Barium	2,570
Cadmium	13.2
Chromium	609
Lead	1,380
Selenium	52.4
Mercury	2.3

Sample ID	GP-10W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	2,010
Barium	5,730
Cadmium	26
Chromium	853
Lead	1,290
Selenium	148
Mercury	6.4

Sample ID	GP-5W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	948
Barium	5,220
Cadmium	13
Chromium	942
Lead	1,720
Selenium	109
Mercury	4.7

Sample ID	GP-2W	DUP
Sample Date	4/13/2015	4/13/2015
All VOCs non-detect.		
All PAHs non-detect.		
Arsenic	264	568
Barium	1,670	2,900
Cadmium	5.6	10.1
Chromium	354	561
Lead	470	894
Selenium	112	230

Sample ID	GP-6W
Sample Date	4/13/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	896
Barium	4,570
Cadmium	9.1
Chromium	751
Lead	762
Selenium	499

Sample ID	GP-9W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	1,510
Barium	6,410
Cadmium	32
Chromium	2,950
Lead	1,810
Selenium	723

Sample ID	GP-8W
Sample Date	4/14/2015
All VOCs non-detect.	
All PAHs non-detect.	
Arsenic	1,260
Barium	4,920
Cadmium	10.6
Chromium	532
Lead	992
Selenium	348

Sample ID	GP-7W
Sample Date	4/14/2015
All PAHs non-detect.	
Arsenic	1,530
Barium	4,850
Cadmium	13.9
Chromium	1,060
Lead	1,060
Selenium	285
Mercury	2.2

All results in ug/L.
Unlisted compounds below the most stringent RCG Screening Levels.
Underlined compounds exceed RCG Residential Tap Groundwater Screening Levels.

FIGURE 5

GROUNDWATER ANALYTICAL MAP

DRAWN BY: C. NEWELL
DATE: 05/19/2015
REVISED:
IN15010
DWG #Site Map

ALABAMA STREET PARKING LOT
222 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

IWM CONSULTING GROUP

TABLES

Table 1
Soil Analytical Results
222 North Alabama Street
Indianapolis, Indiana

Sample ID	GP-1 (0-4)	DUP	GP-1 (24-26)	GP-2 (0-4)	GP-2 (24-26)	GP-3 (0-4)	GP-3 (24-26)	GP-4 (0-4)	GP-4 (24-26)	GP-5 (0-4)	GP-5 (24-26)	GP-6 (0-4)	GP-6 (24-26)	GP-7 (0-4)	GP-7 (24-26)	GP-8 (0-4)	GP-8 (24-26)	GP-9 (0-4)	GP-9 (24-26)	GP-10 (0-4)	GP-10 (24-26)	RCG Residential Soil Migration to Groundwater Screening Levels	RCG Residential Soil Direct Contact Screening Levels	RCG Commercial / Industrial Soil Direct Contact Screening Levels
Sample Date	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015			
Sample Depth (ft. BLS)	0 - 4'	-	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'	0 - 4'	24 - 26'			
PID (ppmv)	0.3	-	0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0	0.1	0.1	0.2	0.4	0.3	0.3	0.3	0.2	0.3			
VOCs																								
All VOCs Non-Detect																						NA	NA	NA
RCRA-8 Metals																								
Arsenic	7.1	9	4.1	7.6	7.1	**9.9**	**23.1**	**13.8**	**89**	7	8	9.1	4	7	**11.1**	5.9	4.8	6.1	5.4	5.4	4.5	5.9	**9.4**	**30**
Barium	207	138	10.7	69.0	47.3	140	19.8	40.1	94.5	194	14.6	86.3	7.4	45.1	27.1	13.4	12	14.8	7.4	68.1	9.1	1,700	**21,000**	**100,000**
Cadmium	<0.51	<0.52	<0.45	<0.51	0.74	0.60	<0.44	0.63	0.6	<0.5	<0.42	<0.52	<0.47	<0.49	<0.48	<0.52	<0.46	<0.43	<0.46	<0.54	<0.44	7.5	**98**	**980**
Chromium	10.5	11.8	3.7	13.1	14.4	10.6	5.8	6.8	3.8	8.5	4.3	11.1	4.1	9.6	6.4	3.8	4.8	5	3.6	9.5	4.3	1,000,000	**NE**	**NE**
Hexavalent Chromium	<2.3	NA	NA	<2.3	<2.2	<2.3	NA	NA	NA	NA	NA	<2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	**4.2**	**63**
Lead	92.5	92.6	3.9	8.6	131	242	4	76.2	6.5	**675**	2.9	21	2.3	6.1	3.9	3.8	3.2	4.5	3.8	10.8	3.6	270	**400**	**800**
Mercury	0.37	0.47	<0.19	<0.24	<0.21	0.59	<0.2	0.25	<0.21	1.5	<0.21	<0.23	<0.22	<0.21	<0.2	<0.23	<0.2	<0.2	<0.2	<0.25	<0.21	2.1	**3.1**	**3.1**
PAHs																								
Acenaphthene	<0.0058	0.014	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	<0.028	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	110	**4,900**	**45,000**
Acenaphthylene	0.044	0.11	<0.0051	<0.0057	<0.056	0.14	<0.0052	<0.054	<0.0052	<0.028	<0.0052	0.0099	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Anthracene	0.062	0.13	<0.0051	<0.0057	0.062	0.22	<0.0052	0.13	<0.0052	<0.028	<0.0052	0.014	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	1,200	**24,000**	**100,000**
Benzo(a)anthracene	0.24	0.4	<0.0051	<0.0057	0.14	0.88	<0.0052	0.18	<0.0052	0.056	<0.0052	0.033	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.01	<0.0051	<0.006	<0.0053	2.4	**2.1**	**29**
Benzo(a)pyrene	**0.22**	**0.41**	<0.0051	<0.0057	0.13	**1**	<0.0052	0.13	<0.0052	0.066	<0.0052	0.035	<0.0053	0.032	<0.0052	<0.0052	<0.0051	0.0098	<0.0051	<0.006	<0.0053	4.7	**0.21**	**2.9**
Benzo(b)fluoranthene	0.2	0.39	<0.0051	<0.0057	0.15	1	<0.0052	0.24	<0.0052	0.11	<0.0052	0.043	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.011	<0.0051	<0.006	<0.0053	8.2	**2.1**	**29**
Benzo(g,h,i)perylene	0.11	0.24	<0.0051	<0.0057	0.096	0.67	<0.0052	0.11	<0.0052	0.066	<0.0052	0.02	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0097	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Benzo(k)fluoranthene	0.21	0.4	<0.0051	<0.0057	0.14	0.97	<0.0052	0.2	<0.0052	0.083	<0.0052	0.039	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0089	<0.0051	<0.006	<0.0053	80	**21**	**290**
Chrysene	0.23	0.43	<0.0051	<0.0057	0.15	0.9	<0.0052	0.27	<0.0052	0.099	<0.0052	0.034	<0.0053	0.033	<0.0052	0.0068	<0.0051	0.017	<0.0051	<0.006	<0.0053	250	**210**	**2,900**
Dibenz(a,h)anthracene	0.073	0.14	<0.0051	<0.0057	<0.056	0.32	<0.0052	<0.054	<0.0052	<0.028	<0.0052	0.011	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	2.6	**0.21**	**2.9**
Fluoranthene	0.41	0.85	<0.0051	<0.0057	0.42	1.8	<0.0052	0.8	<0.0052	0.18	<0.0052	0.045	<0.0053	0.031	<0.0052	0.0064	<0.0051	0.024	<0.0051	<0.006	<0.0053	1,800	**3,200**	**30,000**
Fluorene	0.0072	0.06	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.0054	<0.0052	<0.028	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	110	**3,200**	**30,000**
Indeno(1,2,3-cd)pyrene	0.12	0.24	<0.0051	<0.0057	0.092	0.64	<0.0052	0.1	<0.0052	0.059	<0.0052	0.021	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	0.0064	<0.0051	<0.006	<0.0053	47	**2.1**	**29**
1-Methylnaphthalene	0.0063	0.044	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.035	<0.0052	<0.0059	<0.0053	0.036	<0.0052	<0.0052	<0.0051	0.0062	<0.0051	<0.006	<0.0053	1.2	**240**	**730**
2-Methylnaphthalene	0.0096	0.042	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.043	<0.0052	<0.0059	<0.0053	0.044	<0.0052	<0.0052	<0.0051	0.0074	<0.0051	<0.006	<0.0053	3.7	**320**	**3,000**
Naphthalene	0.03	0.075	<0.0051	<0.0057	<0.056	<0.058	<0.0052	<0.054	<0.0052	0.035	<0.0052	<0.0059	<0.0053	<0.027	<0.0052	<0.0052	<0.0051	<0.0052	<0.0051	<0.006	<0.0053	0.11	**53**	**170**
Phenanthrene	0.21	0.7	<0.0051	<0.0057	0.40	0.89	<0.0052	0.95	<0.0052	0.14	<0.0052	0.017	<0.0053	0.033	<0.0052	0.0071	<0.0051	0.018	<0.0051	<0.006	<0.0053	NE	**NE**	**NE**
Pyrene	0.33	0.67	<0.0051	<0.0057	0.31	1.6	<0.0052	0.54	<0.0052	0.13	<0.0052	0.039	<0.0053	0.035	<0.0052	0.0059	<0.0051	0.021	<0.0051	<0.006	<0.0053	260	**2,400**	**23,000**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in mg/kg.
RCRA-8 Metals analyzed using SW846 Method 6010
Mercury analyzed using SW846 Method 7471
PAHs analyzed using SW846 Method 8270
VOCs analyzed using SW846 Method 8260; including lead scavengers
Hexavalent chromium analyzed using SW846 Method 7196A.
BLS: Below Land Surface
ppmv: parts per million vapor

NA: Not applicable
NE: Not established
Unlisted compounds below laboratory detection limits for all samples.
Underlined concentrations exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded concentrations exceed RCG Residential Soil Direct Contact Screening Levels.
Shaded concentrations exceed RCG Commercial/Industrial Soil Direct Contact Screening Levels.

Table 2
Groundwater Analytical Results
222 North Alabama Street
Indianapolis, Indiana

Sample ID	GP-1W	GP-2W	DUP	GP-3W	GP-4W	GP-5W	GP-6W	GP-7W	GP-8W	GP-9W	GP-10W	RCG Residential Tap Groundwater Screening Levels	RCG Residential Vapor Exposure Groundwater Screening Levels	RCG Commercial / Industrial Vapor Exposure Groundwater Screening Levels
Sample Date	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/13/2015	4/14/2015	4/14/2015	4/14/2015	4/14/2015			
VOCs														
1,1-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	6.2	<5	<5	<5	27	**130**	**550**
PAHs														
All PAHs Non-Detect												NA	**NA**	**NA**
RCRA-8 Metals														
Arsenic	751	264	568	992	705	948	896	1,530	1,260	1,510	2,010	10	**NE**	**NE**
Barium	6,760	1,670	2,900	8,750	2,570	5,220	4,570	4,850	4,920	6,410	5,730	2,000	**NE**	**NE**
Cadmium	10.7	5.6	10.1	15	13.2	13	9.1	13.9	10.6	32	26	5	**NE**	**NE**
Chromium	779	354	561	751	609	942	751	1,060	532	2,950	853	100	**NE**	**NE**
Hexavalent Chromium	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.35	**NE**	**NE**
Lead	806	470	894	938	1,380	1,720	762	1,060	992	1,810	1,290	15	**NE**	**NE**
Selenium	89.2	112	230	374	52.4	109	499	285	348	723	148	50	**NE**	**NE**
Mercury	<2	<2	<2	2.1	2.3	4.7	<2	2.2	<2	<2	6.4	2	**NE**	**NE**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in ug/L.
Metals analyzed using SW846 Method 6010
PAHs analyzed using SW846 Method 8270
VOCs analyzed using SW846 Method 8260
Unlisted compounds below laboratory detection limits for all samples.
Underlined concentrations exceed RCG Residential Tap Groundwater Screening Levels.
Bolded concentrations exceed RCG Residential Vapor Exposure Groundwater Screening Levels.
Shaded concentrations exceed RCG Commercial/Industrial Vapor Exposure Groundwater Screening Levels.

NA: Not applicable
NE: Not established
ND: Non-detect.
* Denotes that the analytical result is based on the Method Detection Limit (MDL) rather than the Report Limit (RL).

Table 3
Statistical Average Soil Analytical Results - Near-Surface & Deep Soil Samples
222 North Alabama Street
Indianapolis, Indiana

Sample ID	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)	Benzo (a) pyrene (mg/kg)
Near Surface Soil Samples (0-4 feet BLS)				
GP-1	4/13/2015	7.1	92.5	**0.22**
GP-1 (Duplicate)	4/13/2015	9.0	92.6	**0.41**
GP-2	4/13/2015	7.6	8.6	<0.0057
GP-3	4/13/2015	**9.9**	242	**1**
GP-4	4/13/2015	**13.8**	76.2	0.13
GP-5	4/13/2015	7.0	**675**	0.066
GP-6	4/13/2015	9.1	21	0.035
GP-7	4/14/2015	7.0	6.1	0.032
GP-8	4/14/2015	5.9	3.8	<0.0052
GP-9	4/14/2015	6.1	4.5	0.0098
GP-10	4/14/2015	5.4	10.8	<0.006
ARITHMETIC STATISTICAL AVERAGE		8.0	112.1	0.174
Deep Soil Samples (24-26 feet BLS)				
GP-1	4/13/2015	4.1	3.9	<0.0051
GP-2	4/13/2015	7.1	131	0.13
GP-3	4/13/2015	**23.1**	4.0	<0.0052
GP-4	4/13/2015	**89.0**	6.5	<0.0052
GP-5	4/13/2015	8.0	2.9	<0.0052
GP-6	4/13/2015	4.0	2.3	<0.0053
GP-7	4/14/2015	**11.1**	3.9	<0.0052
GP-8	4/14/2015	4.8	3.2	<0.0051
GP-9	4/14/2015	5.4	3.8	<0.0051
GP-10	4/14/2015	4.5	3.6	<0.0053
ARITHMETIC STATISTICAL AVERAGE		**16.11**	16.51	0.015
RCG Residential Migration to Groundwater Screening Levels (mg/kg)		5.9	270	4.7
RCG Residential Soil Direct Contact Screening Levels (mg/kg)		**9.4**	**400**	**0.21**
RCG Commercial / Industrial Soil Direct Contact Screening Levels (mg/kg)		**30**	**800**	**2.1**

Notes:
All samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.
All results in mg/kg.
Underlined compounds exceed RCG Residential Soil Migration to Groundwater Screening Levels.
Bolded compounds exceed RCG Residential Soil Direct Contact Screening Levels
Shaded compounds exceed RCG Commercial / Industrial Soil Direct Contact Screening Levels
PAHs were analyzed using SW846 Method 8270
Metals analyzed using SW846 Method 6010
N/A: Not applicable.
Half the laboratory detection limit for non-detect compounds utilized when calculating averages.

ATTACHMENT A

Geophysical Investigation Report

Prism GeoImaging

11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

April 7, 2015

Bradley E. Gentry, LPG
Vice President/Brownfield Coordinator
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

Re: Geophysical Investigation Report
Southwest Corner, Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009

Dear Mr. Gentry,

Prism GeoImaging, Inc. (*Prism*) is pleased to present IWM Consulting (IWM) with this letter report documenting the geophysical investigation at the above-referenced project site (the "Site").

Introduction

Based on discussions with IWM prior to the geophysical survey, it was my understanding that as part of an ongoing environmental investigation, you would like to have documented the location of any underground structures which may exist at the site, including UST(s), footers, foundations, basements, cisterns, piping, etc. To this end, Prism conducted a geophysical investigation to identify potential such features.

Methods

Given the wide variety of targets for this investigation, Prism utilized three complimentary geophysical methods: electromagnetic metal detection, electromagnetic conductivity mapping, and three-dimensional ground penetrating radar. For all three methods, data were collected according to an arbitrary grid established at the Site. The grid extends 132 feet west and 224 feet south, with the zero lines established 4 feet south and 4 feet west of the sidewalk edges (in order to provide clearance for the guardrails bordering the northern and eastern edges of the Site). Grid markings are painted with pink fluorescent spray paint.

Electromagnetic Metal Detection

Time-domain electromagnetic high-resolution metal detection mapping (EMD) data were collected with an EM61-MK2 metal detector manufactured by Geonics Ltd. The EM61-MK2 is a high-sensitivity, high-resolution, time-domain electromagnetic metal detector. It consists of two vertically separated 1-meter by 0.5-meter coaxial coils mounted to a wheel assembly. The instrument operator pulls the coil assembly along a line of profile while data is collected nearly continuously. The EM61-MK2 is designed

to take readings from the bottom coil (designated as channel three) and an additional reading from the top coil. The top and bottom coil readings are then subtracted to selectively filter out the effect from near-surface metal objects (designated as channel difference calculation). The channel three reading is considered to be a measure of all metal both shallow and deep within the detection limits of the instrument, while the channel difference calculation is a measure of predominantly deeper metal only. EMD data were collected along north-south transects spaced 4 feet apart, except for one section near the northwest corner where a vehicle was parked during data collection (see Figure 1a for grid layout and EMD data coverage).

Electromagnetic Conductivity Mapping

Electrical conductivity is one of the most widely varying physical properties of natural materials. Certain minerals, such as native metals and graphite, conduct electricity via the passage of electrons; however, electronic conduction is generally very rare in the subsurface. Most minerals and rocks are insulators, and electrical current preferentially travels through the water-filled pores in soils and rocks by the passage of the free ions in pore waters (i.e., ionic conduction). It thus follows that degree of saturation, interconnected porosity, and water chemistry (i.e., total dissolved solids) are the major controlling variables of the conductivity of soils and rocks. In general, electrical conductivity directly varies with changes in these parameters. Fine-grained sediments, particularly clay-rich sediments, are excellent conductors of electricity, often much better than fresh water found in the pores of sand and gravel.

Conductivity geophysical surveys are often used for locating and mapping the extent of buried waste, fill material, and landfilled areas by providing indications of soil type based on the electrical conductivity. Typically, coarse materials (sand, gravel, non-reinforced concrete rubble, etc.) are the least conductive, whereas silt, clay, ash, cinders, wood, paper and other fine grained, moist materials are conductive to the highest degree of non-metallic materials. There is no unique direct conversion from conductivity values to lithology. However, based on site knowledge, geometric shapes and relationships of various anomalies, and the observed ranges of resistivity values, reasonable geologic interpretations can be made.

Electromagnetic induction conductivity instruments require no direct ground contact and therefore are well-suited to rapid scanning of very large areas, although affording limited information on the vertical distribution of anomalies. The instrument used for this work is an EM31, an industry-standard electromagnetic conductivity meter manufactured by Geonics Ltd. The EM31 operates by inducing electrical current flow in the subsurface by generating an electromagnetic field through a transmitter coil; a receiver coil at the other end of the instrument is used to measure the resulting subsurface current flow. The instrument then converts the transmitter output and receiver input values into apparent conductivity and magnetic susceptibility measurements. EM31 data were collected along north-south transects spaced 4 feet apart (see Figure 1b for grid layout and EM31 data coverage).

3D Ground Penetrating Radar

Ground penetrating radar (GPR) data are typically collected along lines of profile, providing 2D cross sectional output. 3D GPR is a very high resolution method of subsurface characterization whereby a series of closely spaced 2D GPR profiles are composited together into a 3D dataset using specialized software. The 3D GPR dataset can then be analyzed and interpreted in three dimensions, which is ideal for identifying subtle reflections such as would be caused by non-metallic pipes, former utility trenches, and areas of disturbed soil. GPR works on a reflection principle, whereby a narrow band radar pulse of short duration is emitted downward into the ground by a transmitting antenna. A receiving antenna is used to record radar waves that are moving upward after being reflected from the boundaries between materials that have contrasting electrical conductivities and dielectric constants. The deeper an object is, the later in time the reflection will appear. Using knowledge of the velocity of radar waves in soil, the GPR profile can be presented in terms of depth. The penetration depth of GPR is highly dependent on soil type. Clays and moist silty soils will disperse the radar signal and prevent it from penetrating into the subsurface. Thus clayey soils block GPR and effectively limit the depth of exploration.

GPR data were collected along profiles spaced 2 feet apart, except for three areas where vehicles were parked during the data collection activities (see Figure 1c for grid layout and GPR data coverage). The GPR system that was used is a cart-mounted 250 Mhz Noggin Plus GPR system manufactured by Sensors and Software Inc.

Data Processing

The EM61-MK2 data were processed with *Surfer v12* to create a channel three map (see Figures 2a and 2b) and a channel difference map (see Figures 3a and 3b). The channel three map shows all buried metal within the detection limits of the instrument; the channel difference map shows predominantly deeper metal only.

The EM31 data were processed with *Surver v12* to create an apparent conductivity map (see Figures 4a and 4b). This map shows variations in the degree to which the subsurface materials conduct an electrical current, this map is largely dominated by outlier readings from cultural (i.e. manmade) features.

The GPR data were composited and analyzed using *EKKO_Mapper 4* authored by Sensors and Software Inc. The 3D dataset was 'sliced' to create maps of various horizontal depth intervals. The GPR slice maps identified many of the features are noted on the EM61-MK2 and EM31 maps and so are not included in this report, however the estimated depth interval of 1.3-1.6 feet is presented as Figure 5 as it shows a large anomaly in the southern portion of the Site.

Results and Interpretations

The EM61 channel three map (Figure 2a) shows a large number of metallic anomalies, which is common for urban properties. The smaller anomalies on this map are unlikely to be of concern at this Site,

anomalies of potential interest are denoted on Figure 2b. Many of the anomalies on the channel three map are filtered out by the differencing calculation and so do not appear on the EM61 channel difference map (Figure 3a), the anomalies that remain on the channel difference map are generally speaking the deepest and most extensive (see Figure 3b). A rectangular anomaly in the northeast quadrant of the property is evident in the GPR data as a reinforced concrete slab; two remaining rectangular anomalies, although they are not "textbook" UST anomalies, are interpreted as possible USTs. There are three additional unknown deeper metal anomalies, these are consistent with cisterns (or any of a variety of other metallic structures/features).

The EM31 map (Figure 4a) shows several features already identified on the EM61 map. Additionally there are two linear anomalies that are interpreted as possible utilities (see Figure 4b).

The GPR slice maps showed many of the same features as noted on the EM61 and EM31 maps and so are not included in this report, however the GPR data additionally show a possible filled excavation or basement. This feature appears well on the approximate depth interval of 1.3-1.6 feet (see Figure 5) as a rectangular area of few reflective features. The bottom of this feature is relatively uneven, but is generally seen to a depth of 2-4 feet. The cooling tower and dumpster at the southwest corner of the property did not allow for data to be collected here, however the filled excavation/basement anomaly is presumed to extend into this area.

The results and interpretations of this geophysical investigation are summarized on Figure 6. If you would like further characterization of any of these anomalies I recommend soil borings and/or test pit excavations.

Limitations

This geophysical survey was intended primarily to locate steel UST(s), footers, foundations, basements, cisterns, piping, etc. Features of potential environmental interest may have gone undetected or uninterpreted by this survey. Areas obscured by features such as buildings or other structures, vehicles, waste storage containers, either physically or electromagnetically, or areas that are specifically covered with reinforced concrete, may conceal additional objects of interest that are unknown at this time.

The enclosed maps are considered to be of sufficient accuracy and precision to provide you with positional data for further investigation activities. However the Site features presented on the base maps are for informational purposes only and no representation is made as to the accuracy or completeness of this information. The enclosed maps, while they may indicate locations of utilities, are not to be taken as a map of utility locations and are not a substitute for a private utility locate.

11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Closing

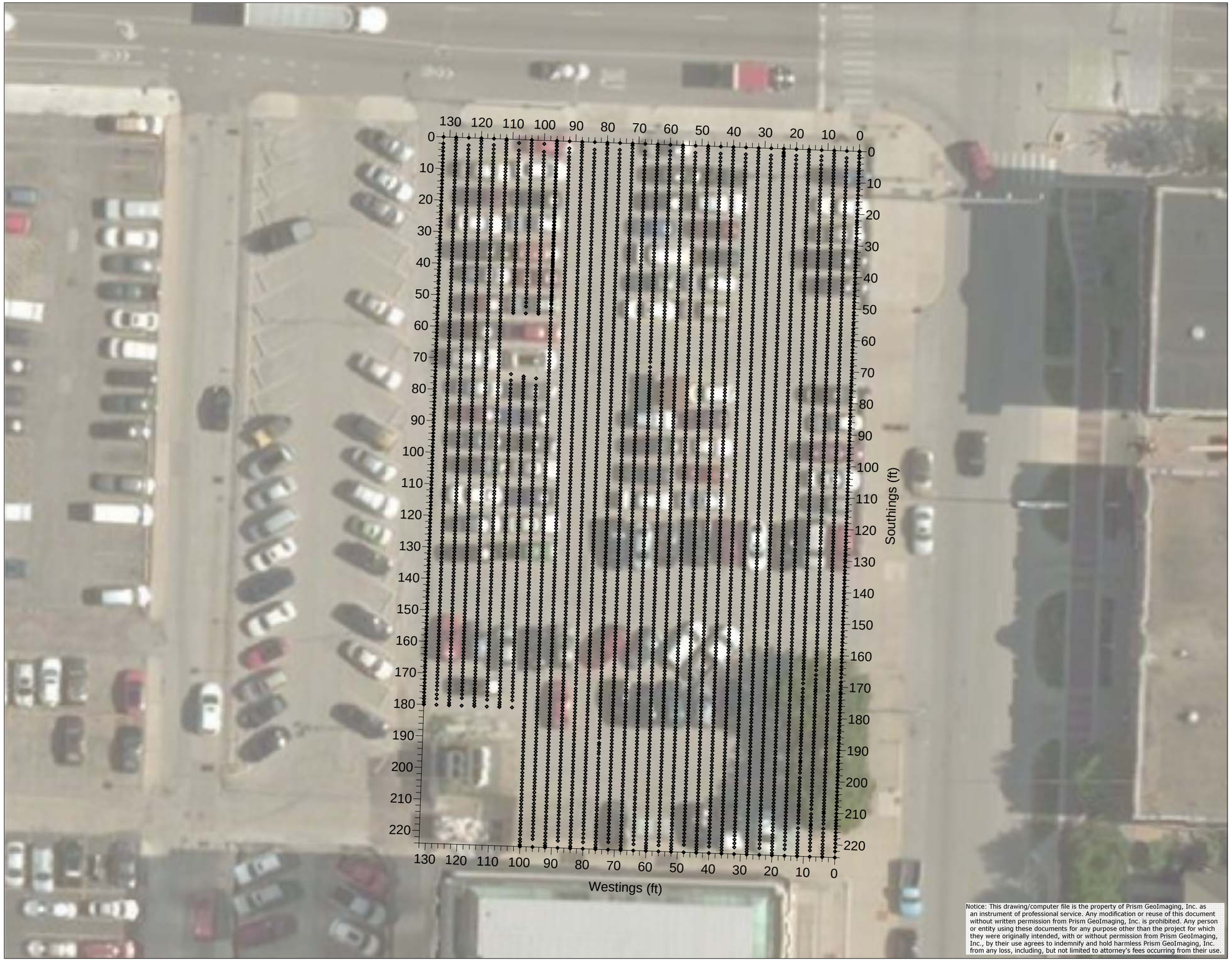
Prism GeoImaging, Inc. appreciates the opportunity to provide IWM with this geophysical survey, and I look forward to working with you on future projects. If you should have any questions regarding this project, please do not hesitate to contact me.

Sincerely,

Prism GeoImaging, Inc.

John Vanderlaan, LPG, PG
President / Geophysicist

attachments



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

EM61 Data Point Locations

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

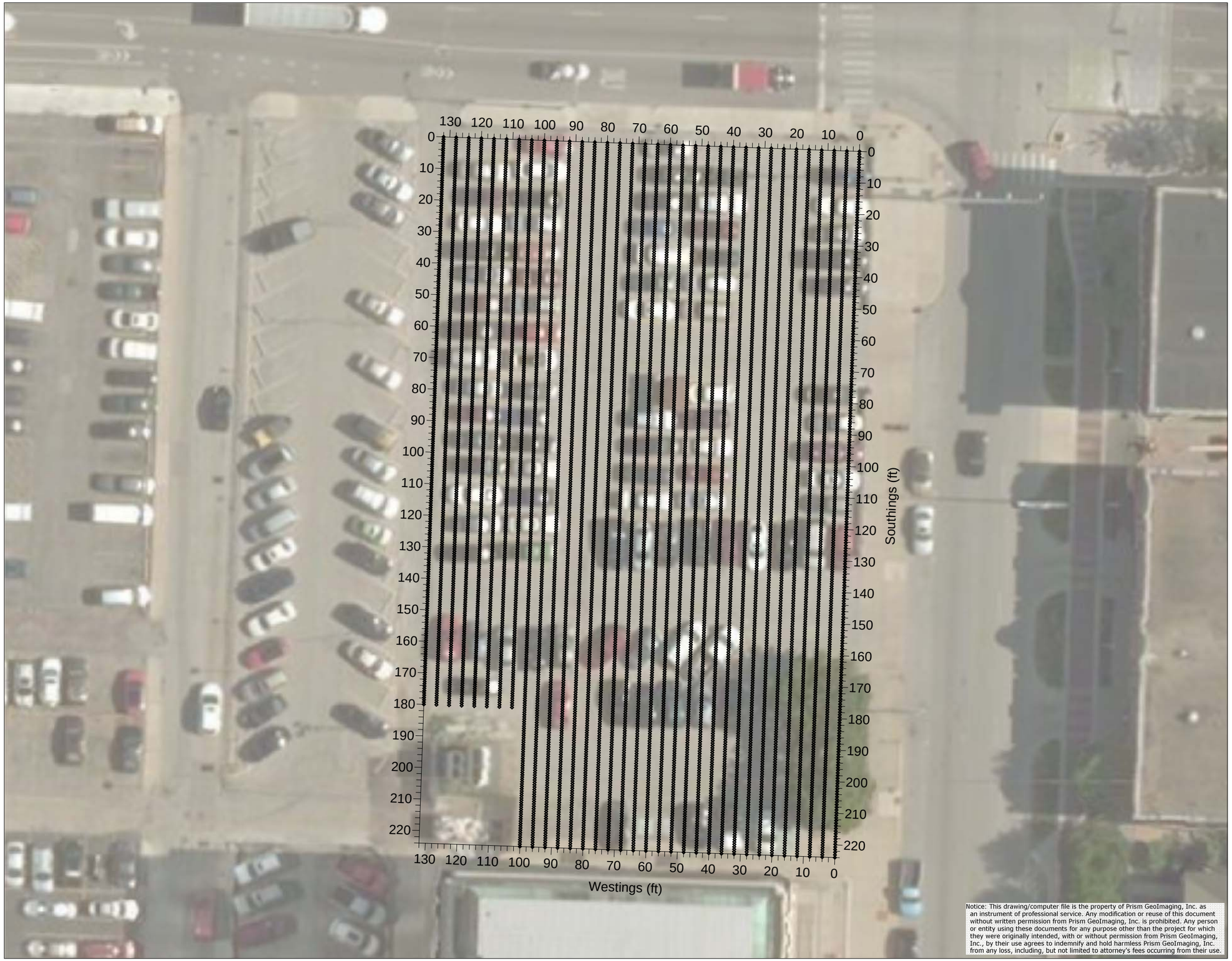
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1a

Site Layout And EM61 Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

EM31 Data Point Locations

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

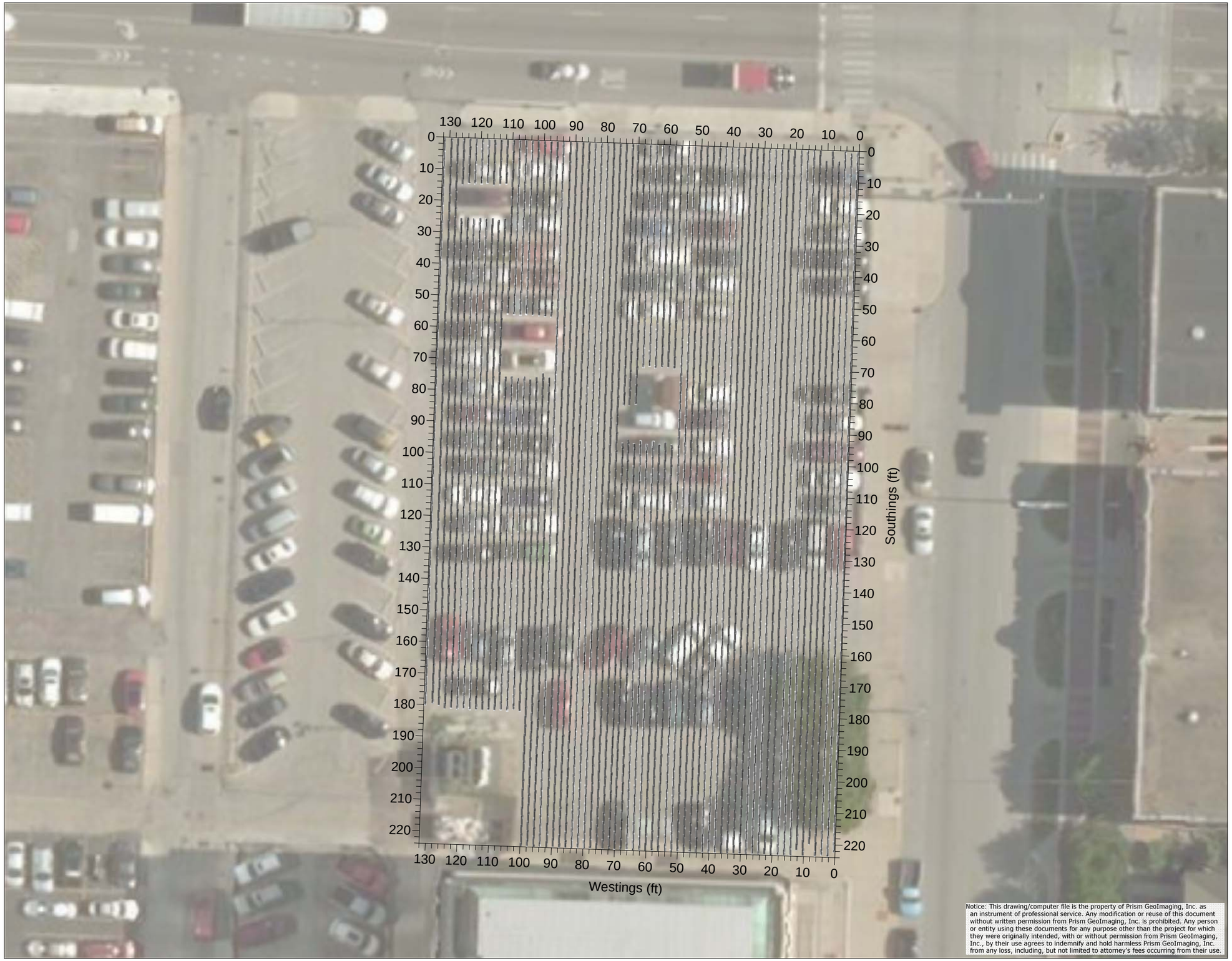
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1b

Site Layout And EM31 Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

GPR Line Location

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

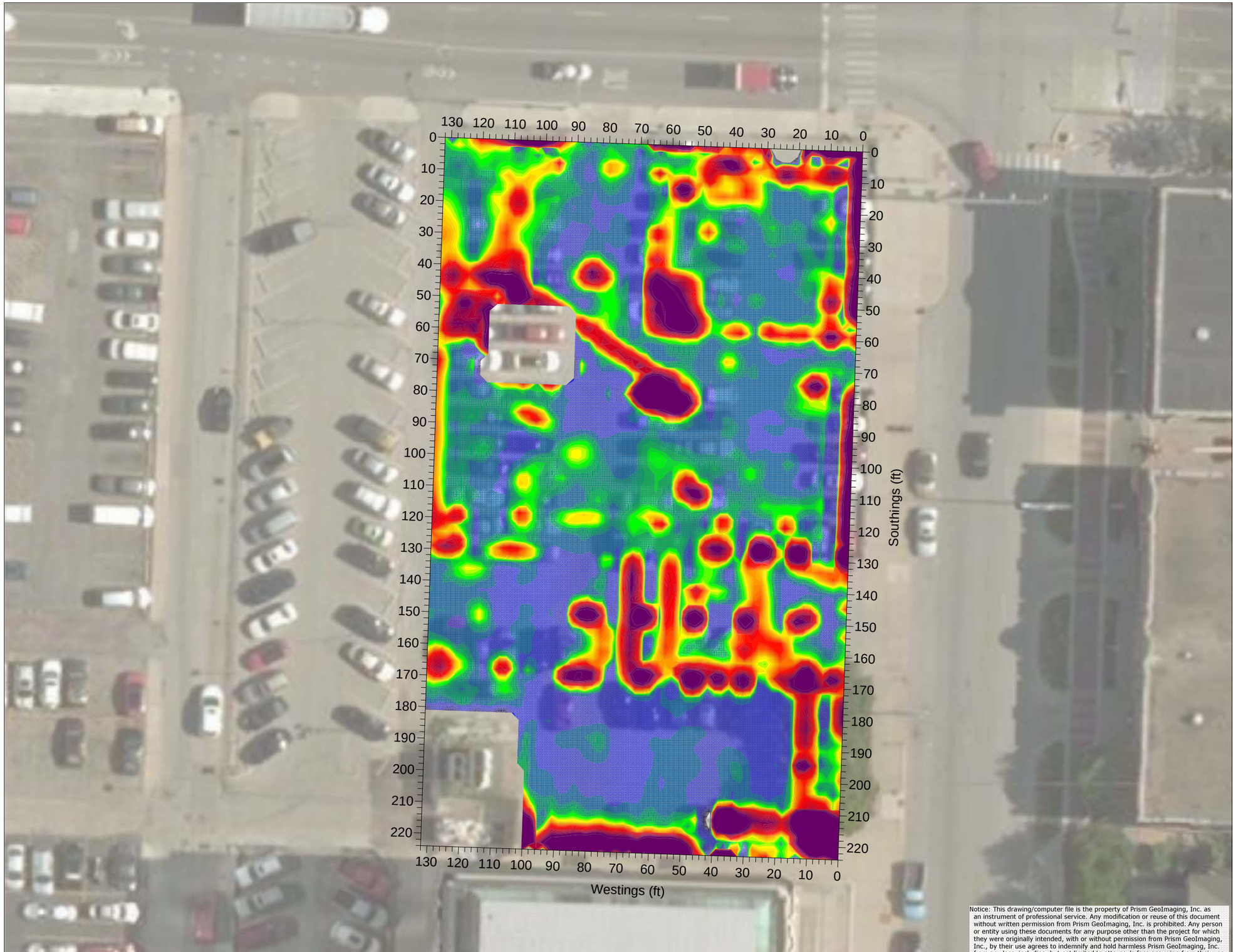
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 1c

Site Layout And GPR Data Coverage

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

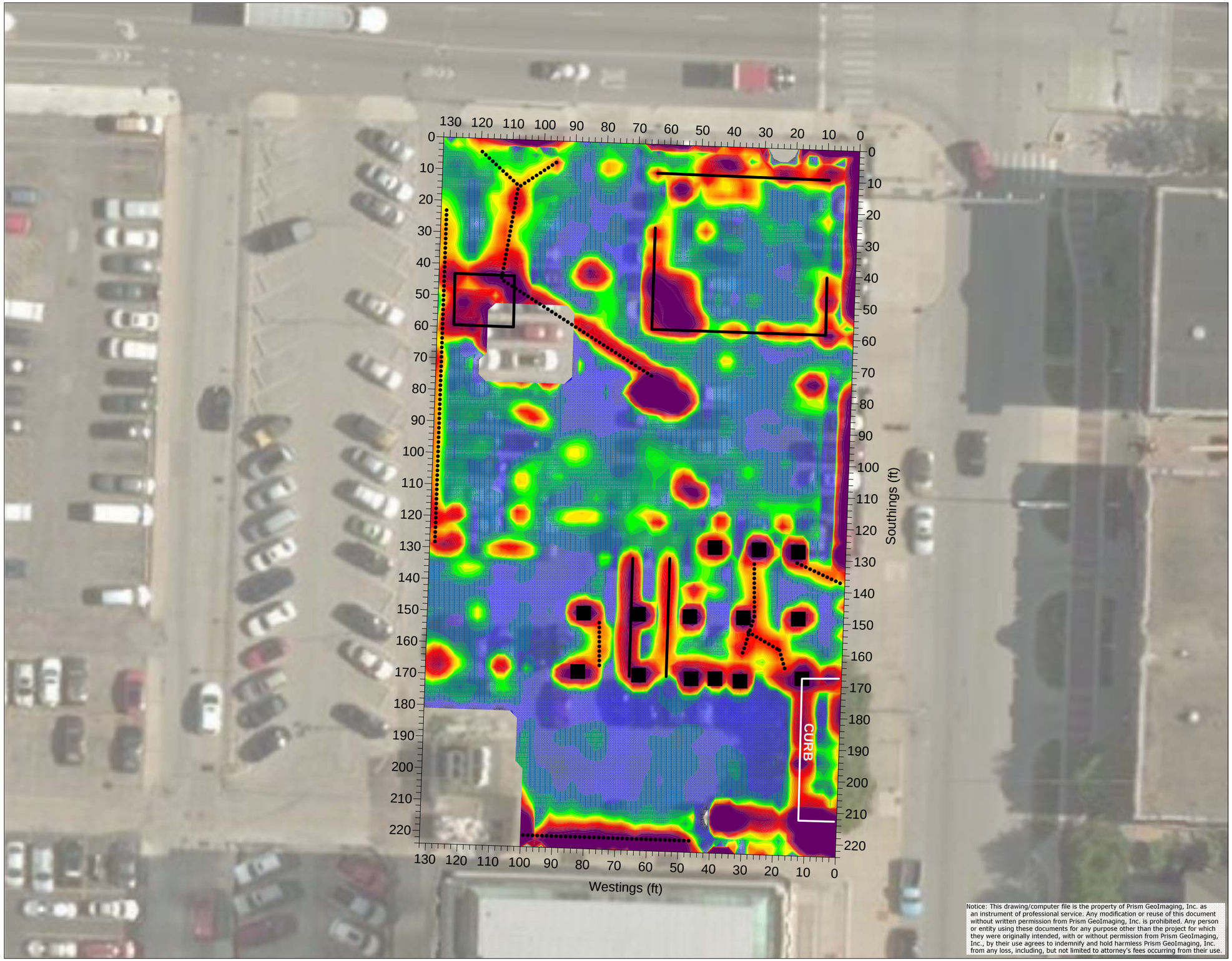
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 2a

EM61 Channel 3 Map
All Metal Within Detection Limits

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500, 1160, 1020, 940, 840, 760, 680, 580, 500, 420, 360, 300, 240, 180, 150, 110, 80, 0, -80, -180, -320, -400

Possible Utility Line

Possible Building Foundation

Possible Post Footer

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

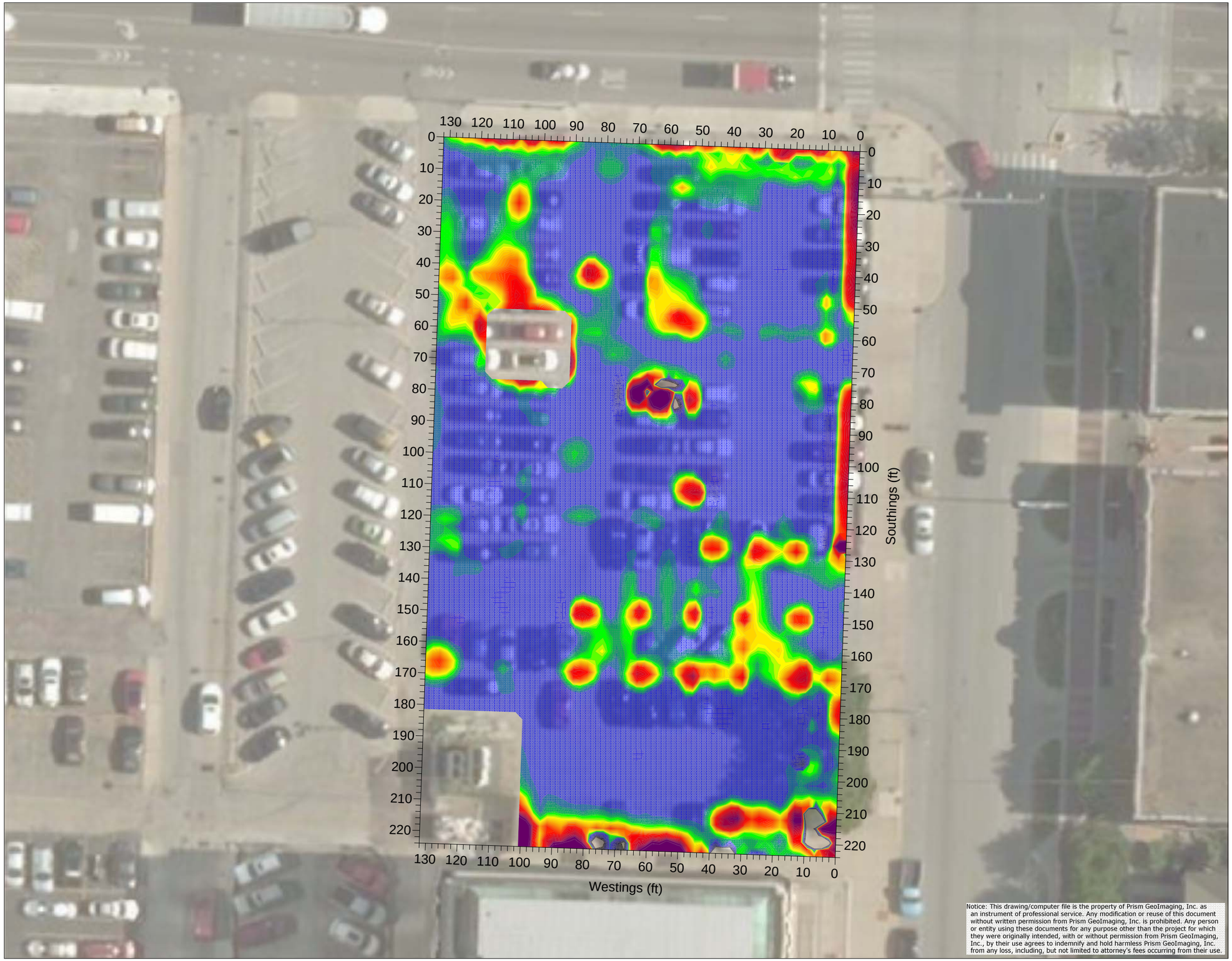
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 2b

EM61 Channel 3 Map
With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Instrument Response (mV)

Metal Object Response

Background (non-metallic) response

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

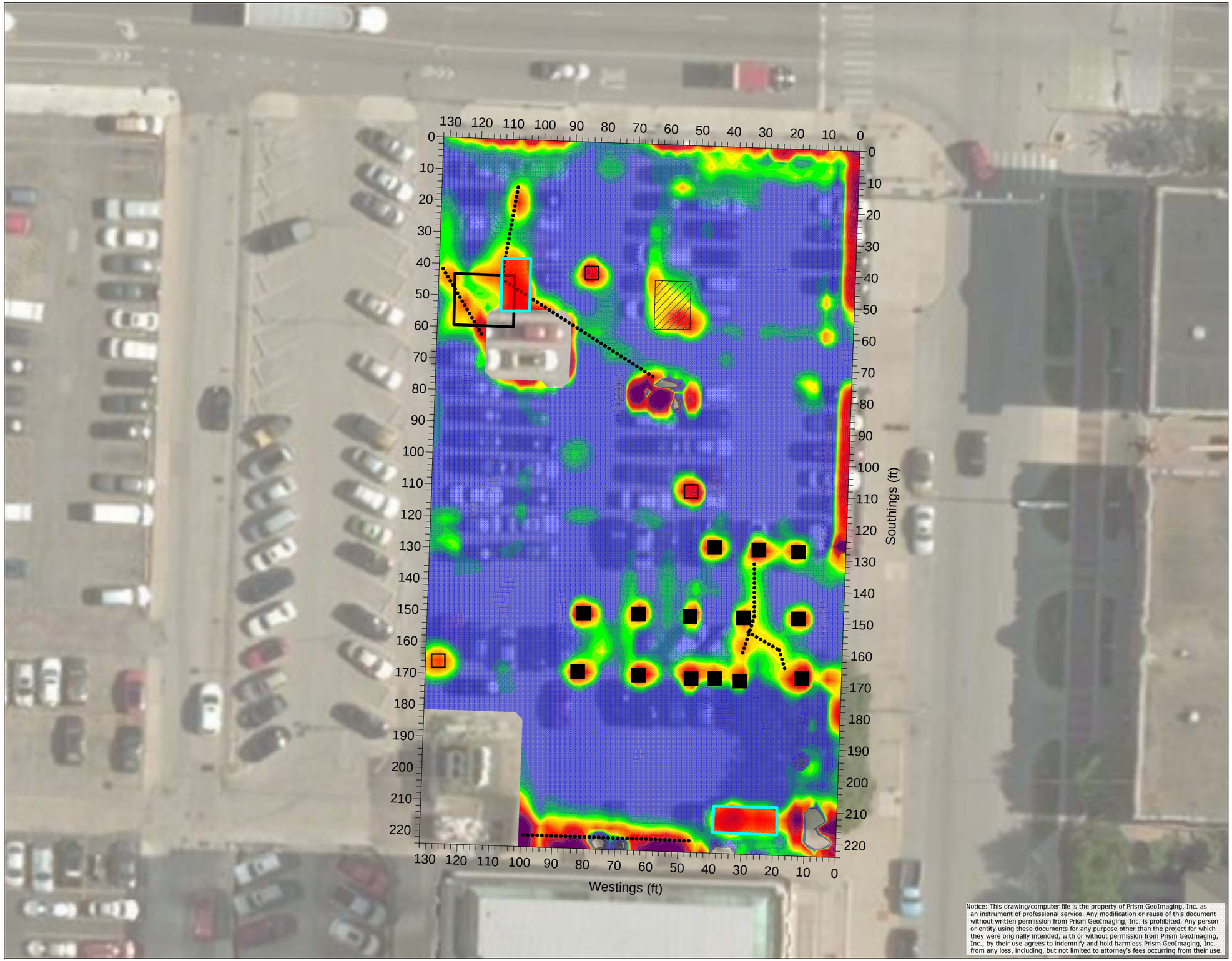
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 3a

EM61 Channel Difference Map
Predominantly Deeper Metal Only

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Metal Object Response

Background (non-metallic) response

Instrument Response (mV)

1500
1160
1020
940
840
760
680
580
500
420
360
300
240
180
150
110
80
0
-80
-180
-320
-400

Possible Utility Line

Possible Building Foundation

Possible Post Footer

Unknown Deep Metal Anomaly

Possible UST Anomaly

Reinforced Concrete (buried)

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

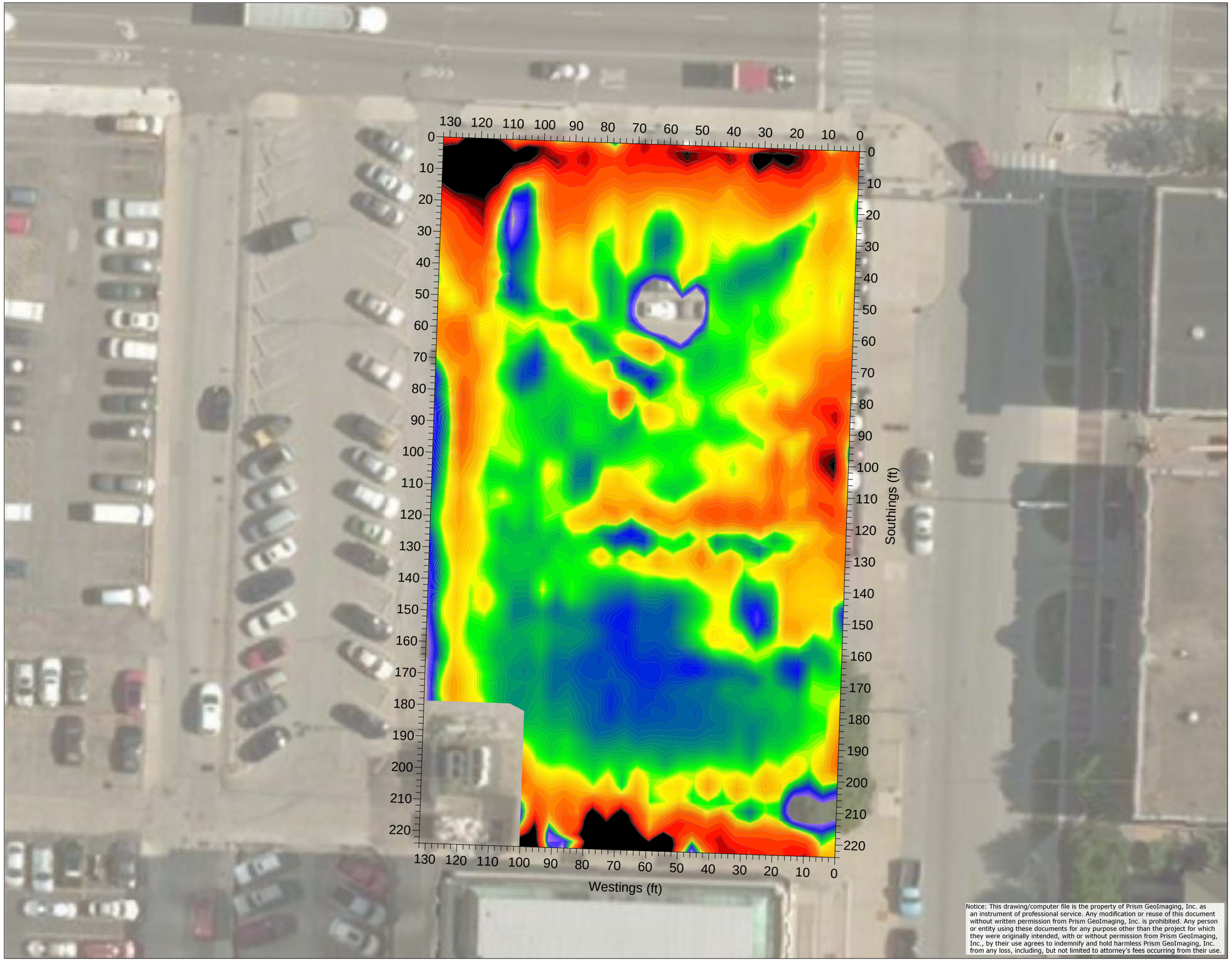
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 3b

EM61 Channel Difference Map With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

Cultural Interference

Normal Range Soil Conductivity Readings

Cultural Interference

120 117 109 106 99 76 61 53 47 41 38 35 32 29 26 23 20 17 14 11 8 5 2 -1 -4 -7 -10

Apparent Conductivity (mS/m)

N

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

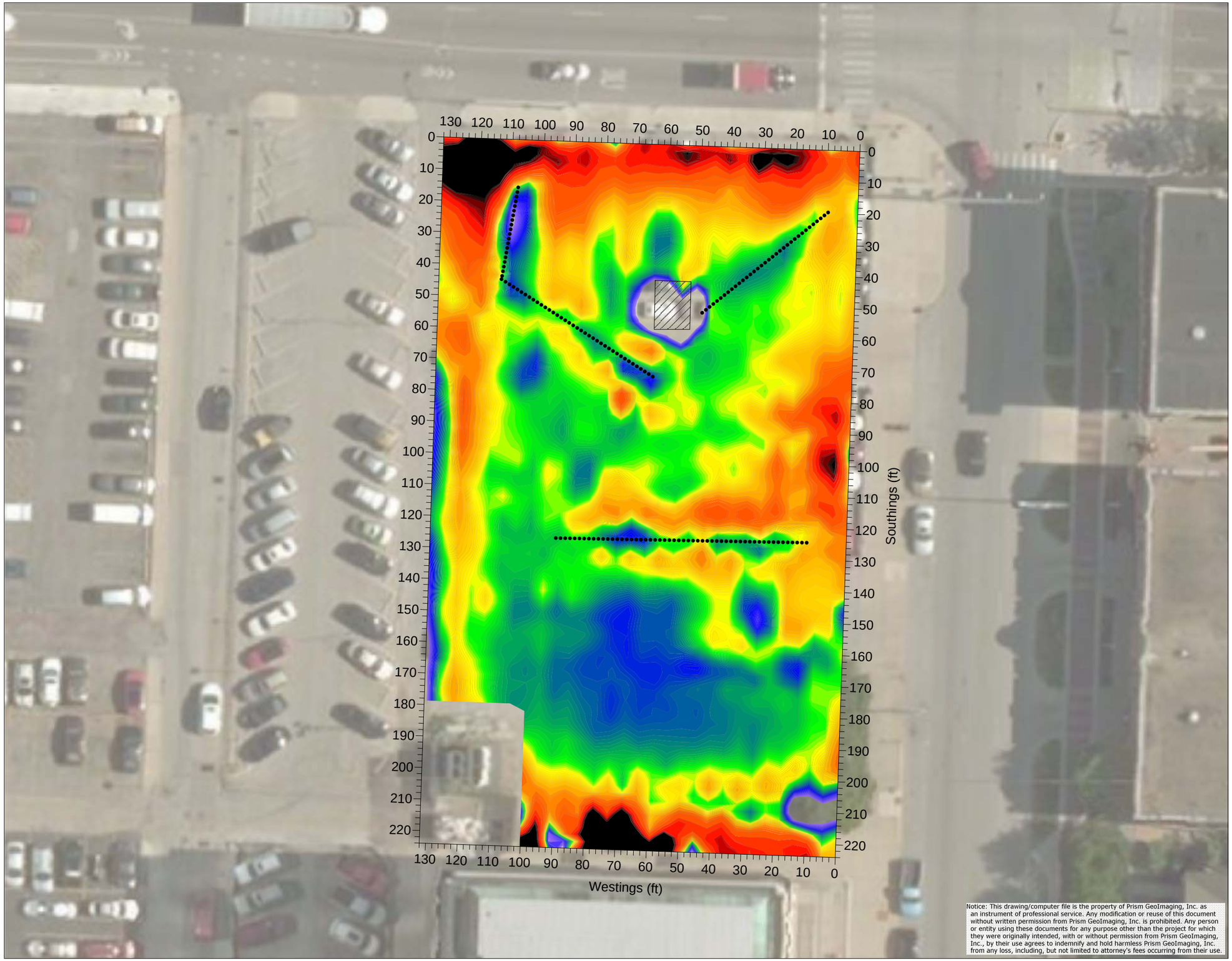
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 4a

EM31 Electrical Conductivity Map

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Cultural Interference

Normal Range Soil Conductivity Readings

Cultural Interference

120
117
109
106
99
76
61
53
47
41
38
35
32
29
26
23
20
17
14
11
8
5
2
-1
-4
-7
-10

Apparent Conductivity (mS/m)

Possible Utility Line

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

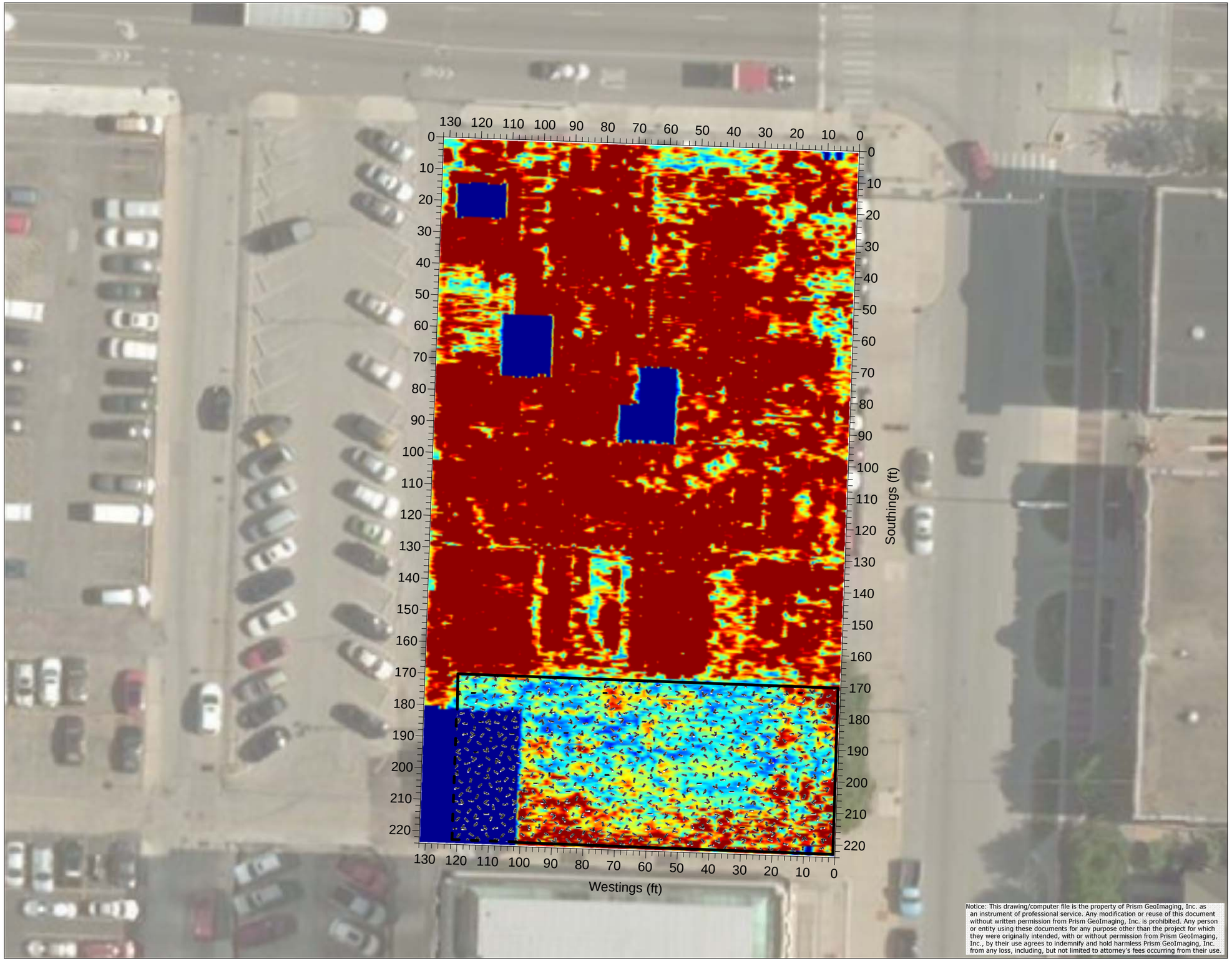
Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 4b

EM31 Electrical Conductivity Map
With Interpretations

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



Notice: This drawing/computer file is the property of Prism GeoImaging, Inc. as an instrument of professional service. Any modification or reuse of this document without written permission from Prism GeoImaging, Inc. is prohibited. Any person or entity using these documents for any purpose other than the project for which they were originally intended, with or without permission from Prism GeoImaging, Inc., by their use agrees to indemnify and hold harmless Prism GeoImaging, Inc. from any loss, including, but not limited to attorney's fees occurring from their use.

© 2015, Prism GeoImaging, Inc.

LEGEND

N

Increasing Amplitude of Returned Signal

Background Level (no reflective objects within signal depth)

Relative Amplitude of Reflected Signal

Filled Excavation/Basement

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

Prism GeoImaging

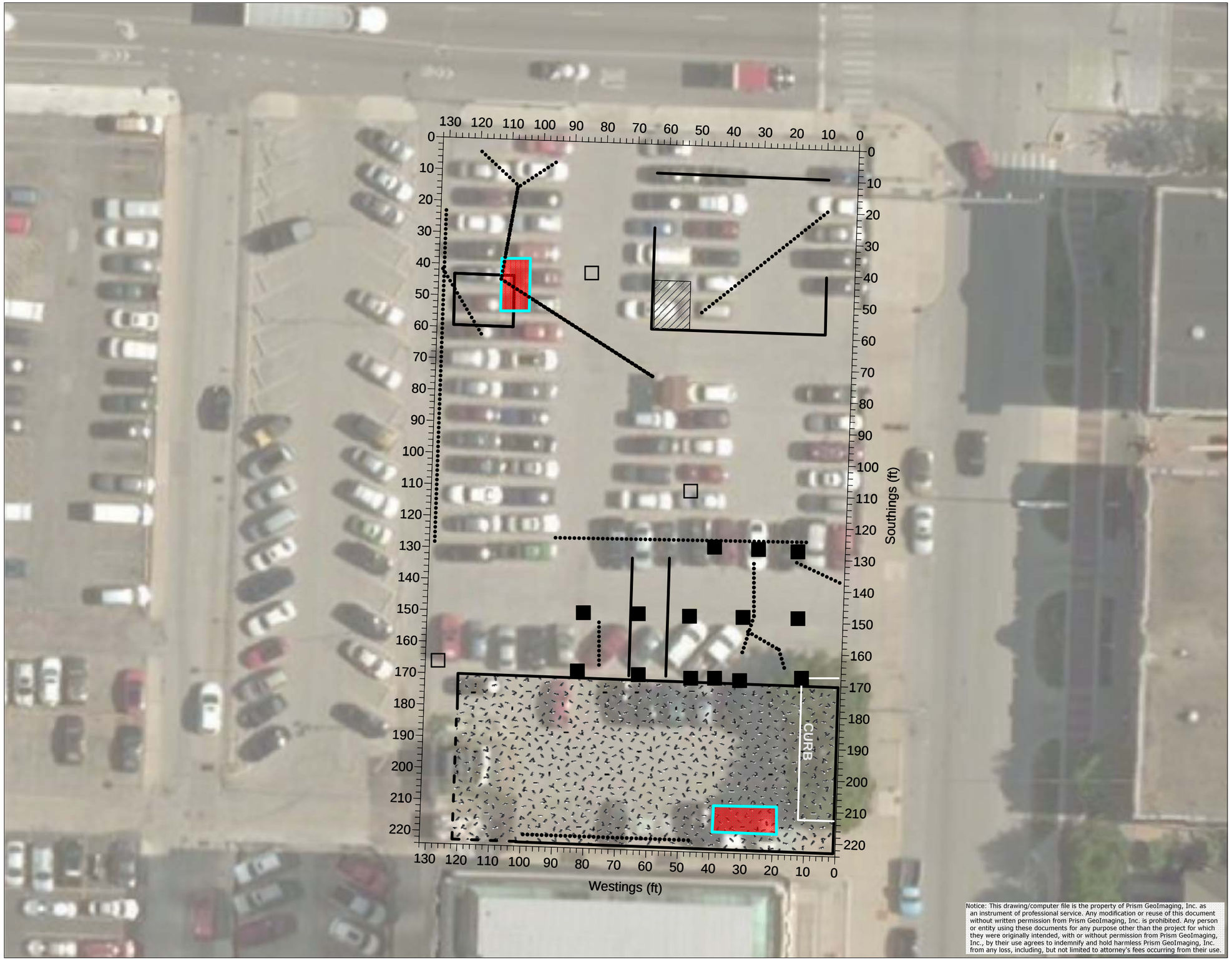
Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 5

3D GPR Slice Map

Approximately 1.3' - 1.6' Depth Interval

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009



© 2015, Prism GeoImaging, Inc.

LEGEND

N

- Filled Excavation/Basement
- Possible Utility Line
- Possible Building Foundation
- Possible Post Footer
- Unknown Deep Metal Anomaly
- Possible UST Anomaly
- Reinforced Concrete (buried)

Scale in Feet

0 5 10 15 20 25 30 35 40

1" = 30'

Prism GeoImaging

Prism GeoImaging, Inc.
11057 Allisonville Road, #144
Fishers, Indiana 46038-2331
www.prismgeo.com

Figure 6

Results Summary

Alabama and New York Streets
Indianapolis, Indiana
Prism Project No. 00-032-009

ATTACHMENT B

Soil Boring Logs

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
		Sand/clay fill with brick debris	0 - 2*	100	0.30	
1						
2			2 - 4*	100	0.10	
3						
4		Brown sandy CLAY (CL)	4 - 6	100	0.10	
5		Brown, coarse to medium SAND with gravel (SP)				
6		No Recovery	6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.00	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	75	0.10	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

- Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.0	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.0	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Very moist to wet, grey-brown, dense, poorly sorted, medium coarse gravelly SAND (SP)	28 - 30	100	0.0	
29						
30		No Recovery	30 - 32	0	-	
31						
32						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-1

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.

Installation Date: 4/13/15
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
32		Wet, grey, dense, poorly sorted, very coarse, gravelly SAND (SP)	32-34	100	0.0	Bentonite
33						
34		No Recovery	34-36	0	-	
35						
36		End of Boring				
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 36 feet
Casing Length: 26 feet
Screen Length: 10 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS / Jeff
Geologist: Chris Newell

BORING/WELL LOG: GP-2

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

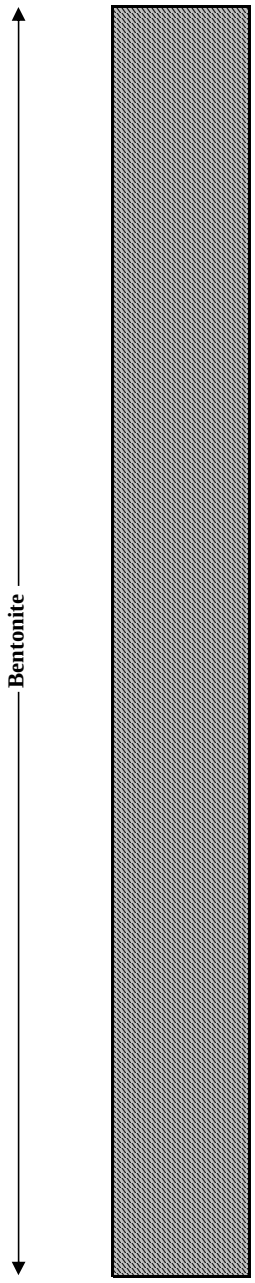
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt
		Sandy fill
1		Moist, brown - grey to brown, very sandy CLAY (CL)
2		
3		
4		
5		
6		Moist, brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)
		No Recovery
7		
8		Moist, brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)
		No Recovery
9		
10		
11		
12		
13		
14		
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.0
2 - 4*	100	0.1
4 - 6	100	0.1
6 - 8	0	-
8 - 10	<15	0.1
10 - 12	0	-
12 - 14	0	-
14 - 16	0	-

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-2

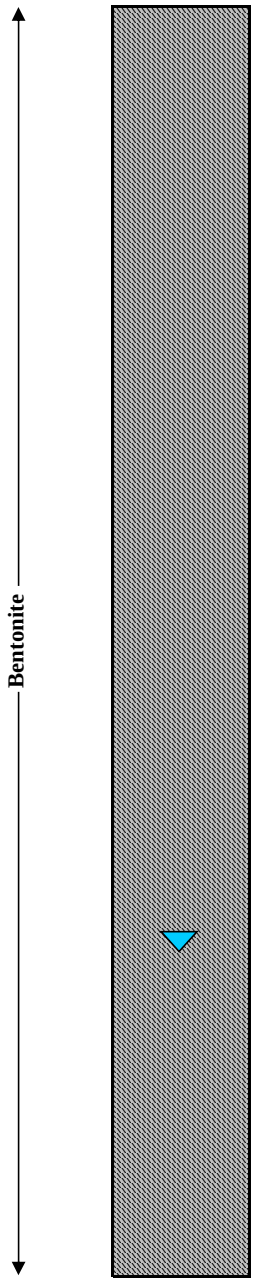
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		No Recovery	16 - 18	0	-
17					
18			18 - 20	0	-
19					
20			20 - 22	0	-
21					
22			22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	25	0.1
		No Recovery			
25					
26			26 - 28	0	-
27					
28		Wet, brown-grey, coarse grading to medium, silty SAND (SP)	28 - 30	75	0.0
29					
		No Recovery			
30			30 - 32	0	-
31					
32					

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-3

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
		Brown - grey to grey sand / clay fill with brick and concrete debris	0 - 2*	100	0.2	Bentonite
1						
2			2 - 4*	100	0.2	
3						
4		No Recovery	4 - 6	0	-	
5						
6			6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	50	0.1	
9		No Recovery				
10			10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-3

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.1	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20			20 - 22	0	-	
21						
22			22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	50	0.1	
25		No Recovery				
26			26 - 28	0	-	
27						
28		Wet, brown grey, dense, poorly sorted, medium coarse, silty SAND with gravel (SP)	28 - 30	75	0.1	
29						
30		No Recovery	30 - 32	0	-	
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-4

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
		Ground Surface				
0		Asphalt				
1		Sand fill, brown, brick debris (black / grey cinders 0.25-0.75)	0 - 2*	100	0.2	Bentonite
2						
3		Brown, sandy CLAY, some brick (CL)	2 - 4*	100	0.2	
4						
5		No Recovery	4 - 6	25	0.1	
6						
7			6 - 8	0	-	
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.1	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

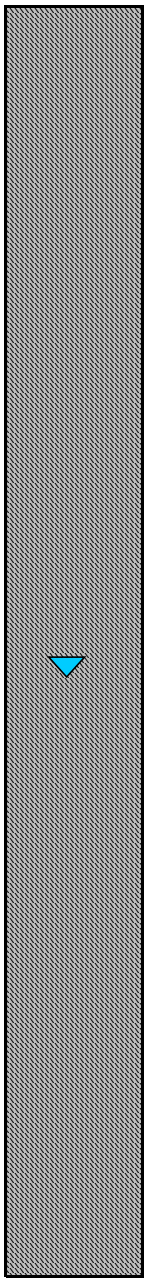
▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-4

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.1	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.1	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	25	0.1	
		No Recovery (WET)				
25						
26			26 - 28	0	-	
27						
28			28 - 30	0	-	
29						
30			30 - 32	0	-	
31						
32		End of Boring				



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-5

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
1		Black / grey Sand fill with concrete debris	0 - 2*	100	0.0	Bentonite
2		Brown, sandy CLAY with debris / gravel (CL)	2 - 4*	100	0.1	
4		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	4 - 6	50	0.1	
5		No Recovery				
6			6 - 8	0	-	
7						
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	8 - 10	100	0.0	
9						
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

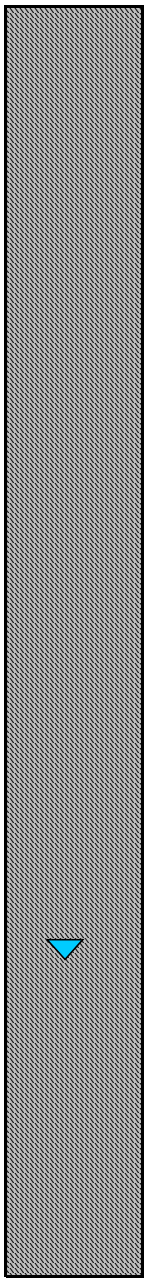
BORING/WELL LOG: GP-5

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	75	0.1	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.1	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Wet, brown - grey, coarse - medium to medium - fine grained SAND, little gravel (SP)	28 - 30	100	0.1	
29						
30		No Recovery	30 - 32	25	0.0	
31						
32		End of Boring				



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-6

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

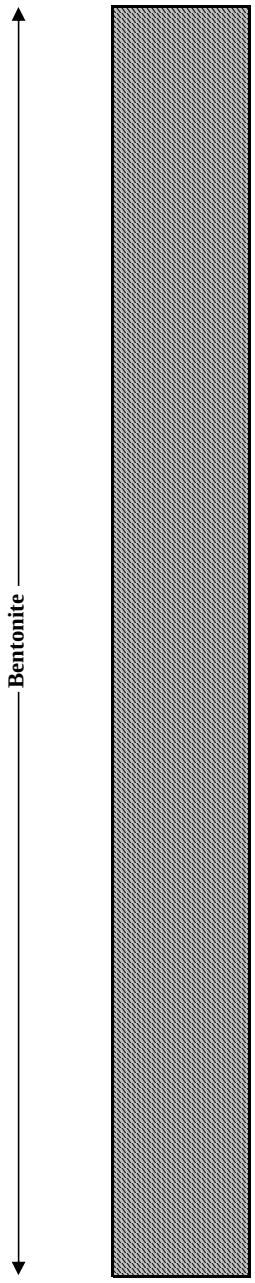
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt / concrete
1		Cobble / brick fill some sand fill
2		
3		Moist, brown, sandy CLAY (CL)
4		
5		
6		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
7		No Recovery
8		
9		
10		
11		
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
13		
14		No Recovery
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.0
2 - 4*	100	0.0
4 - 6	100	0.1
6 - 8	0	-
8 - 10	0	-
10 - 12	0	-
12 - 14	75	0.1
14 - 16	0	-

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-6

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 13, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.0	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	25	0.1	
		No Recovery				
21						
22			22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.1	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP) Wet, medium, brown to grey to brown @ 28.25'	28 - 30	100	0.1	
29						
30			30 - 32	25	0.0	
		No Recovery				
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-7

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
		Sand fill	0 - 2*	100	0.1	
1						
2						
		Moist, brown, sand CLAY with gravel (CL)	2 - 4*	100	0.1	
3						
4		Sand fill	4 - 6	100	0.1	
5						
6		No Recovery	6 - 8	0	-	
7						
8		Sand fill	8 - 10	100	0.1	
		Brick / rock @ 8.5'				
9		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
10		No Recovery	10 - 12	0	-	
11						
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.1	
13						
14		No Recovery	14 - 16	0	-	
15						
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-7

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.2	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.2	
25						
26		No Recovery	26 - 28	0	-	
27						
28		Wet, brown - grey, medium coarse, poorly sorted, SAND with silt and some gravel (SP)	28 - 30	100	0.0	
29						
30			30 - 32	25	0.0	
31		No Recovery				
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-8

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

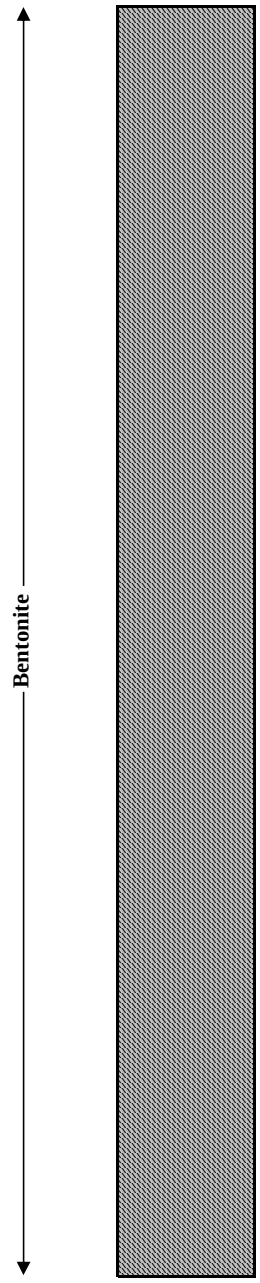
SUBSURFACE PROFILE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION
		Ground Surface
0		Asphalt
		Sand fill (some clay @ 2.5 - 3.5')
1		
2		
3		Sand clay fill with concrete debris @ 3.5'
4		Sand fill @ 4'
5		Dark brown, sandy CLAY with gravel
6		No Recovery
7		
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
9		
10		No Recovery
11		
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)
13		
14		No Recovery
15		
16		

SAMPLE

SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
0 - 2*	100	0.4
2 - 4*	100	0.3
4 - 6	100	-
6 - 8	0	0.2
8 - 10	100	-
10 - 12	0	0.2
12 - 14	100	-
14 - 16	0	0.3

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ **- Indicates depth to groundwater.**
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-8

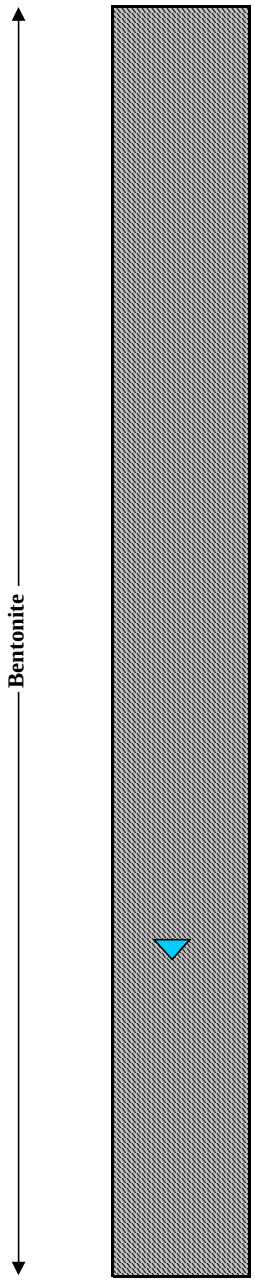
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		Brown, dense, medium, SAND (SP)	16 - 18	100	0.3
17					
18		No Recovery	18 - 20	0	-
19					
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2
21					
22		No Recovery	22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	24 - 26*	100	0.3
25					
26		No Recovery	26 - 28	0	-
27					
28		Wet, dense brown - grey, medium coarse SAND	28 - 30	100	0.2
29					
30			30 - 32	25	0.1
31		No Recovery			
32		End of Boring			

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-9

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE / SAMPLE

DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
		Ground Surface			
0		Asphalt			
		Brown - grey sand fill	0 - 2*	100	0.3
1					
2		Concrete debris / sand fill @ 1.75'			
		Dark brown, moist, sandy CLAY with some gravel (CL)	2 - 4*	100	0.2
3					
4			4 - 6	75	0.2
5		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)			
		No Recovery			
6			6 - 8	0	-
7					
8		Brown, dense, poorly sorted, medium coarse, SAND with gravel (SP)			
		No Recovery	8 - 10	<15	0.3
9					
10			10 - 12	0	-
11					
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	12 - 14	100	0.3
13					
14		No Recovery	14 - 16	0	-
15					
16					

Boring Completion Details

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-9

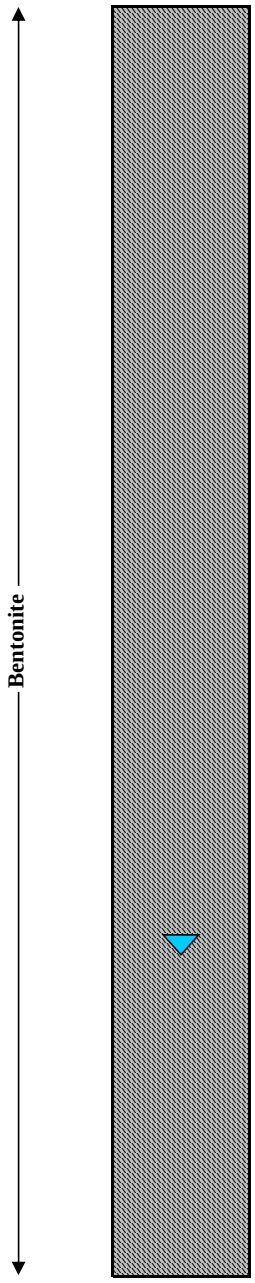
7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE		
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.3
17					
18		No Recovery	18 - 20	0	-
19					
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.3
21					
22		No Recovery	22 - 24	0	-
23					
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP) Medium SAND @ 24.5'	24 - 26*	100	0.3
25					
26		No Recovery	26 - 28	0	-
27					
28		Wet, dense, brown - grey, medium SAND (SP)	28 - 30	100	0.3
29					
30		No Recovery	30 - 32	0	-
31					
32		End of Boring			

Boring Completion Details



Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-10

7428 Rockville Road
Indianapolis, Indiana 46214
Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	Boring Completion Details
		Ground Surface				
0		Asphalt				
1		Brick fill	0 - 2*	100	-	
2						
3		Moist, brown, sandy CLAY with some gravel (CL)	2 - 4*	100	0.2	
4						
5		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	4 - 6	75	0.2	
6						
7			6 - 8	0	-	
8		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
9			8 - 10	100	0.2	
10		No Recovery				
11			10 - 12	0	-	
12		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)				
13			12 - 14	100	0.2	
14		No Recovery				
15			14 - 16	0	-	
16						

Bentonite

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

BORING/WELL LOG: GP-10

7428 Rockville Road
Indianapolis, Indiana 46214

Client Location No.: 222 North Alabama St.
Site Address: 222 North Alabama St.
City, State: Indianapolis, Indiana

Installation Date: April 14, 2015
Client: City of Indianapolis
IWM Job #: IN15010

SUBSURFACE PROFILE			SAMPLE			Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	RECOVERY %	PID / FID (ppm)	
16		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	16 - 18	100	0.2	Bentonite
17						
18		No Recovery	18 - 20	0	-	
19						
20		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP)	20 - 22	100	0.2	
21						
22		No Recovery	22 - 24	0	-	
23						
24		Slightly moist to moist, brown, dense, poorly sorted, medium coarse SAND with gravel (SP) Medium SAND @ 24.5'	24 - 26*	100	0.3	
25		Medium coarse @ 25.5'				
26		No Recovery	26 - 28	0	-	
27						
28			28 - 30	0	-	
29						
30			30 - 32	0	-	
31						
32		End of Boring				

Note: * Sample submitted for laboratory analysis.
Boring Diameter: 2.25 inches
Boring Depth: 32 feet
Casing Length: 27 feet
Screen Length: 5 feet
Temporary Piezometer Diameter: 1 inches
Casing Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Schedule 40 PVC 0.010-in slot
Sampling Method: 48 inch Dual Tube
Drill Method: GeoProbe Direct Push
Drilled By: SCS
Geologist: Chris Newell

ATTACHMENT C

Laboratory Analytical Report and
Chain of Custody Form

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

April 29, 2015

Mr. Brad Gentry
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: 222 N. Alabama Street
Pace Project No.: 50116587 (Revised Report: Select Cr+6 samples analyzed and reported)

Dear Mr. Gentry:
Enclosed are the analytical results for sample(s) received by the laboratory on April 14, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kenneth Hunt
kenneth.hunt@pacelabs.com
Project Manager

Enclosures

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #:E-10177/ E-10247
Kentucky UST Certification #: 0042
Kentucky WW Certification #:98019
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-05340
Texas Certification #: T104704355-15-8
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-10-00128

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50116587001	**GP-1(0-4)**	Solid	04/13/15 09:20	04/14/15 14:15
50116587002	**GP-1(24-26)**	Solid	04/13/15 09:50	04/14/15 14:15
50116587003	**GP-2(0-4)**	Solid	04/13/15 10:50	04/14/15 14:15
50116587004	**GP-2(24-26)**	Solid	04/13/15 11:35	04/14/15 14:15
50116587005	**GP-3(0-4)**	Solid	04/13/15 12:25	04/14/15 14:15
50116587006	**GP-3(24-26)**	Solid	04/13/15 12:45	04/14/15 14:15
50116587007	**GP-4(0-4)**	Solid	04/13/15 13:35	04/14/15 14:15
50116587008	**GP-4(24-26)**	Solid	04/13/15 14:05	04/14/15 14:15
50116587009	**GP-5(0-4)**	Solid	04/13/15 14:50	04/14/15 14:15
50116587010	**GP-5(24-26)**	Solid	04/13/15 15:05	04/14/15 14:15
50116587011	**GP-6(0-4)**	Solid	04/13/15 15:40	04/14/15 14:15
50116587012	**GP-6(24-26)**	Solid	04/13/15 16:10	04/14/15 14:15
50116587013	**GP-7(0-4)**	Solid	04/14/15 08:45	04/14/15 14:15
50116587014	**GP-7(24-26)**	Solid	04/14/15 09:00	04/14/15 14:15
50116587015	**GP-8(0-4)**	Solid	04/14/15 09:40	04/14/15 14:15
50116587016	**GP-8(24-26)**	Solid	04/14/15 10:00	04/14/15 14:15
50116587017	**GP-9(0-4)**	Solid	04/14/15 10:40	04/14/15 14:15
50116587018	**GP-9(24-26)**	Solid	04/14/15 11:05	04/14/15 14:15
50116587019	**GP-10(0-4)**	Solid	04/14/15 11:55	04/14/15 14:15
50116587020	**GP-10(24-26)**	Solid	04/14/15 12:10	04/14/15 14:15
50116587021	**DUP**	Solid	04/13/15 08:00	04/14/15 14:15
50116587022	**TRIP BLANK**	Solid	04/13/15 08:00	04/14/15 14:15
50116587023	**GP-1W**	Water	04/13/15 10:05	04/14/15 14:15
50116587024	**GP-2W**	Water	04/13/15 08:00	04/14/15 14:15
50116587025	**GP-3W**	Water	04/13/15 13:00	04/14/15 14:15
50116587026	**GP-4W**	Water	04/13/15 14:20	04/14/15 14:15
50116587027	**GP-5W**	Water	04/13/15 15:15	04/14/15 14:15
50116587028	**GP-6W**	Water	04/13/15 16:25	04/14/15 14:15
50116587029	**GP-7W**	Water	04/14/15 09:15	04/14/15 14:15
50116587030	**GP-8W**	Water	04/14/15 10:15	04/14/15 14:15
50116587031	**GP-9W**	Water	04/14/15 11:20	04/14/15 14:15
50116587032	**GP-10W**	Water	04/14/15 12:25	04/14/15 14:15
50116587033	**DUP**	Water	04/13/15 08:00	04/14/15 14:15
50116587034	**TRIP BLANK**	Water	04/13/15 08:00	04/14/15 14:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50116587001	**GP-1(0-4)**	EPA 6010	JGJ	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587002	**GP-1(24-26)**	EPA 6010	JGJ	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587003	**GP-2(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587004	**GP-2(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587005	**GP-3(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587006	**GP-3(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587007	**GP-4(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587008	**GP-4(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587009	**GP-5(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587010	**GP-5(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587011	**GP-6(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
		EPA 7196A	TPD	1
50116587012	**GP-6(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587013	**GP-7(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587014	**GP-7(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	ZM	1
50116587015	**GP-8(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587016	**GP-8(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587017	**GP-9(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587018	**GP-9(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587019	**GP-10(0-4)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587020	**GP-10(24-26)**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587021	**DUP**	EPA 6010	JPK	7
		EPA 7471	ILP	1
		EPA 8270 by SIM	JCM	20
		EPA 8260	BJG	72
		ASTM D2974-87	ZM	1
50116587022	**TRIP BLANK**	EPA 8260	BJG	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50116587023	**GP-1W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587024	**GP-2W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587025	**GP-3W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587026	**GP-4W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587027	**GP-5W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587028	**GP-6W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587029	**GP-7W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587030	**GP-8W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587031	**GP-9W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587032	**GP-10W**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587033	**DUP**	EPA 6010	JGJ	7
		EPA 7470	ILP	1
		EPA 8270 by SIM LVE	TBP	20
		EPA 8260	RFS	72
		EPA 7196	TPD	1
50116587034	**TRIP BLANK**	EPA 8260	RFS	72

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587001	**GP-1(0-4)**					
EPA 6010	Arsenic	7.1	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Barium	207	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Chromium	10.5	mg/kg	1.0	04/15/15 13:20	
EPA 6010	Lead	92.5	mg/kg	1.0	04/15/15 13:20	
EPA 7471	Mercury	0.37	mg/kg	0.25	04/21/15 09:56	
EPA 8270 by SIM	Acenaphthylene	0.044	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Anthracene	0.062	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.24	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(a)pyrene	0.22	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.20	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.11	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.21	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Chrysene	0.23	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.073	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Fluoranthene	0.41	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Fluorene	0.0072	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.12	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	1-Methylnaphthalene	0.0063	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	2-Methylnaphthalene	0.0096	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Naphthalene	0.030	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Phenanthrene	0.21	mg/kg	0.0058	04/16/15 22:23	
EPA 8270 by SIM	Pyrene	0.33	mg/kg	0.0058	04/16/15 22:23	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	04/15/15 16:26	
50116587002	**GP-1(24-26)**					
EPA 6010	Arsenic	4.1	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Barium	10.7	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Chromium	3.7	mg/kg	0.90	04/15/15 13:22	
EPA 6010	Lead	3.9	mg/kg	0.90	04/15/15 13:22	
ASTM D2974-87	Percent Moisture	2.9	%	0.10	04/15/15 16:26	
50116587003	**GP-2(0-4)**					
EPA 6010	Arsenic	7.6	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Barium	69.0	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Chromium	13.1	mg/kg	1.0	04/16/15 01:53	
EPA 6010	Lead	8.6	mg/kg	1.0	04/16/15 01:53	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	04/15/15 16:26	
50116587004	**GP-2(24-26)**					
EPA 6010	Arsenic	7.1	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Barium	47.3	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Cadmium	0.74	mg/kg	0.50	04/16/15 02:09	
EPA 6010	Chromium	14.4	mg/kg	0.99	04/16/15 02:09	
EPA 6010	Lead	131	mg/kg	0.99	04/16/15 02:09	
EPA 8270 by SIM	Anthracene	0.062	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(a)anthracene	0.14	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(a)pyrene	0.13	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.15	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.096	mg/kg	0.056	04/16/15 23:54	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587004	**GP-2(24-26)**					
EPA 8270 by SIM	Benzo(k)fluoranthene	0.14	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Chrysene	0.15	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Fluoranthene	0.42	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.092	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Phenanthrene	0.40	mg/kg	0.056	04/16/15 23:54	
EPA 8270 by SIM	Pyrene	0.31	mg/kg	0.056	04/16/15 23:54	
ASTM D2974-87	Percent Moisture	11.7	%	0.10	04/15/15 16:26	
50116587005	**GP-3(0-4)**					
EPA 6010	Arsenic	9.9	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Barium	140	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Cadmium	0.60	mg/kg	0.50	04/16/15 02:11	
EPA 6010	Chromium	10.6	mg/kg	0.99	04/16/15 02:11	
EPA 6010	Lead	242	mg/kg	0.99	04/16/15 02:11	
EPA 7471	Mercury	0.59	mg/kg	0.22	04/21/15 10:09	
EPA 8270 by SIM	Acenaphthylene	0.14	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Anthracene	0.22	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(a)anthracene	0.88	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(a)pyrene	1.0	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(b)fluoranthene	1.0	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.67	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.97	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Chrysene	0.90	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.32	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Fluoranthene	1.8	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.64	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Phenanthrene	0.89	mg/kg	0.058	04/17/15 00:12	
EPA 8270 by SIM	Pyrene	1.6	mg/kg	0.058	04/17/15 00:12	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	04/15/15 16:26	
50116587006	**GP-3(24-26)**					
EPA 6010	Arsenic	23.1	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Barium	19.8	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Chromium	5.8	mg/kg	0.87	04/16/15 02:13	
EPA 6010	Lead	4.0	mg/kg	0.87	04/16/15 02:13	
ASTM D2974-87	Percent Moisture	4.5	%	0.10	04/15/15 16:26	
50116587007	**GP-4(0-4)**					
EPA 6010	Arsenic	13.8	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Barium	40.1	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Cadmium	0.63	mg/kg	0.50	04/16/15 02:16	
EPA 6010	Chromium	6.8	mg/kg	0.99	04/16/15 02:16	
EPA 6010	Lead	76.2	mg/kg	0.99	04/16/15 02:16	
EPA 7471	Mercury	0.25	mg/kg	0.21	04/21/15 10:18	
EPA 8270 by SIM	Anthracene	0.13	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(a)anthracene	0.18	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(a)pyrene	0.13	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.24	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.11	mg/kg	0.054	04/17/15 00:48	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587007	**GP-4(0-4)**					
EPA 8270 by SIM	Benzo(k)fluoranthene	0.20	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Chrysene	0.27	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Fluoranthene	0.80	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.10	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Phenanthrene	0.95	mg/kg	0.054	04/17/15 00:48	
EPA 8270 by SIM	Pyrene	0.54	mg/kg	0.054	04/17/15 00:48	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	04/15/15 16:27	
50116587008	**GP-4(24-26)**					
EPA 6010	Arsenic	89.0	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Barium	94.5	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Cadmium	0.60	mg/kg	0.51	04/16/15 02:18	
EPA 6010	Chromium	3.8	mg/kg	1.0	04/16/15 02:18	
EPA 6010	Lead	6.5	mg/kg	1.0	04/16/15 02:18	
ASTM D2974-87	Percent Moisture	4.4	%	0.10	04/15/15 16:27	
50116587009	**GP-5(0-4)**					
EPA 6010	Arsenic	7.0	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Barium	194	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Chromium	8.5	mg/kg	1.0	04/16/15 02:20	
EPA 6010	Lead	675	mg/kg	1.0	04/16/15 02:20	
EPA 7471	Mercury	1.5	mg/kg	0.22	04/21/15 10:23	
EPA 8270 by SIM	Benzo(a)anthracene	0.056	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(a)pyrene	0.066	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.11	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.066	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.083	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Chrysene	0.099	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Fluoranthene	0.18	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.059	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	1-Methylnaphthalene	0.035	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	2-Methylnaphthalene	0.043	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Naphthalene	0.035	mg/kg	0.028	04/17/15 01:24	3d
EPA 8270 by SIM	Phenanthrene	0.14	mg/kg	0.028	04/17/15 01:24	
EPA 8270 by SIM	Pyrene	0.13	mg/kg	0.028	04/17/15 01:24	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	04/15/15 16:27	
50116587010	**GP-5(24-26)**					
EPA 6010	Arsenic	8.0	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Barium	14.6	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Chromium	4.3	mg/kg	0.84	04/16/15 02:22	
EPA 6010	Lead	2.9	mg/kg	0.84	04/16/15 02:22	
ASTM D2974-87	Percent Moisture	3.8	%	0.10	04/15/15 16:27	
50116587011	**GP-6(0-4)**					
EPA 6010	Arsenic	9.1	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Barium	86.3	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Chromium	11.1	mg/kg	1.0	04/16/15 02:24	
EPA 6010	Lead	21.0	mg/kg	1.0	04/16/15 02:24	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587011	**GP-6(0-4)**					
EPA 8270 by SIM	Acenaphthylene	0.0099	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Anthracene	0.014	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(a)anthracene	0.033	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(a)pyrene	0.035	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.043	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.020	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.039	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Chrysene	0.034	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.011	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Fluoranthene	0.045	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.021	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Phenanthrene	0.017	mg/kg	0.0059	04/17/15 02:00	
EPA 8270 by SIM	Pyrene	0.039	mg/kg	0.0059	04/17/15 02:00	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	04/15/15 16:27	
50116587012	**GP-6(24-26)**					
EPA 6010	Arsenic	4.0	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Barium	7.4	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Chromium	4.1	mg/kg	0.94	04/16/15 02:26	
EPA 6010	Lead	2.3	mg/kg	0.94	04/16/15 02:26	
ASTM D2974-87	Percent Moisture	5.4	%	0.10	04/15/15 16:27	
50116587013	**GP-7(0-4)**					
EPA 6010	Arsenic	7.0	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Barium	45.1	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Chromium	9.6	mg/kg	0.98	04/16/15 02:28	
EPA 6010	Lead	6.1	mg/kg	0.98	04/16/15 02:28	
EPA 8270 by SIM	Benzo(a)pyrene	0.032	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Chrysene	0.033	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Fluoranthene	0.031	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	1-Methylnaphthalene	0.036	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	2-Methylnaphthalene	0.044	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Phenanthrene	0.033	mg/kg	0.027	04/17/15 02:36	
EPA 8270 by SIM	Pyrene	0.035	mg/kg	0.027	04/17/15 02:36	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	04/15/15 16:27	
50116587014	**GP-7(24-26)**					
EPA 6010	Arsenic	11.1	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Barium	27.1	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Chromium	6.4	mg/kg	0.96	04/16/15 02:34	
EPA 6010	Lead	3.9	mg/kg	0.96	04/16/15 02:34	
ASTM D2974-87	Percent Moisture	3.2	%	0.10	04/15/15 16:28	
50116587015	**GP-8(0-4)**					
EPA 6010	Arsenic	5.9	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Barium	13.4	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Chromium	3.8	mg/kg	1.0	04/16/15 02:36	
EPA 6010	Lead	3.8	mg/kg	1.0	04/16/15 02:36	
EPA 8270 by SIM	Chrysene	0.0068	mg/kg	0.0052	04/20/15 18:17	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587015	**GP-8(0-4)**					
EPA 8270 by SIM	Fluoranthene	0.0064	mg/kg	0.0052	04/20/15 18:17	
EPA 8270 by SIM	Phenanthrene	0.0071	mg/kg	0.0052	04/20/15 18:17	
EPA 8270 by SIM	Pyrene	0.0059	mg/kg	0.0052	04/20/15 18:17	
ASTM D2974-87	Percent Moisture	5.2	%	0.10	04/15/15 16:28	
50116587016	**GP-8(24-26)**					
EPA 6010	Arsenic	4.8	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Barium	12.0	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Chromium	4.8	mg/kg	0.91	04/16/15 02:38	
EPA 6010	Lead	3.2	mg/kg	0.91	04/16/15 02:38	
ASTM D2974-87	Percent Moisture	3.2	%	0.10	04/15/15 16:28	
50116587017	**GP-9(0-4)**					
EPA 6010	Arsenic	6.1	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Barium	14.8	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Chromium	5.0	mg/kg	0.87	04/16/15 02:40	
EPA 6010	Lead	4.5	mg/kg	0.87	04/16/15 02:40	
EPA 8270 by SIM	Benzo(a)anthracene	0.010	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(a)pyrene	0.0098	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.011	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.0097	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.0089	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Chrysene	0.017	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Fluoranthene	0.024	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.0064	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	1-Methylnaphthalene	0.0062	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	2-Methylnaphthalene	0.0074	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Phenanthrene	0.018	mg/kg	0.0052	04/20/15 18:35	
EPA 8270 by SIM	Pyrene	0.021	mg/kg	0.0052	04/20/15 18:35	
ASTM D2974-87	Percent Moisture	4.2	%	0.10	04/15/15 16:28	
50116587018	**GP-9(24-26)**					
EPA 6010	Arsenic	5.4	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Barium	7.4	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Chromium	3.6	mg/kg	0.92	04/16/15 02:43	
EPA 6010	Lead	3.8	mg/kg	0.92	04/16/15 02:43	
ASTM D2974-87	Percent Moisture	2.4	%	0.10	04/15/15 16:28	
50116587019	**GP-10(0-4)**					
EPA 6010	Arsenic	5.4	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Barium	68.1	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Chromium	9.5	mg/kg	1.1	04/16/15 02:45	
EPA 6010	Lead	10.8	mg/kg	1.1	04/16/15 02:45	
ASTM D2974-87	Percent Moisture	17.6	%	0.10	04/15/15 16:28	
50116587020	**GP-10(24-26)**					
EPA 6010	Arsenic	4.5	mg/kg	0.88	04/16/15 02:47	
EPA 6010	Barium	9.1	mg/kg	0.88	04/16/15 02:47	
EPA 6010	Chromium	4.3	mg/kg	0.88	04/16/15 02:47	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587020	**GP-10(24-26)**					
EPA 6010	Lead	3.6	mg/kg	0.88	04/16/15 02:47	
ASTM D2974-87	Percent Moisture	5.7	%	0.10	04/15/15 16:29	
50116587021	**DUP**					
EPA 6010	Arsenic	9.0	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Barium	138	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Chromium	11.8	mg/kg	1.0	04/16/15 02:49	
EPA 6010	Lead	92.6	mg/kg	1.0	04/16/15 02:49	
EPA 7471	Mercury	0.47	mg/kg	0.23	04/21/15 11:16	
EPA 8270 by SIM	Acenaphthene	0.014	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Acenaphthylene	0.11	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Anthracene	0.13	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(a)anthracene	0.40	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(a)pyrene	0.41	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(b)fluoranthene	0.39	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(g,h,i)perylene	0.24	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Benzo(k)fluoranthene	0.40	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Chrysene	0.43	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Dibenz(a,h)anthracene	0.14	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Fluoranthene	0.85	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Fluorene	0.060	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Indeno(1,2,3-cd)pyrene	0.24	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	1-Methylnaphthalene	0.044	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	2-Methylnaphthalene	0.042	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Naphthalene	0.075	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Phenanthrene	0.70	mg/kg	0.0058	04/16/15 17:06	
EPA 8270 by SIM	Pyrene	0.67	mg/kg	0.0058	04/16/15 17:06	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	04/15/15 16:09	
50116587023	**GP-1W**					
EPA 6010	Arsenic	751	ug/L	10.0	04/17/15 15:31	
EPA 6010	Barium	6760	ug/L	10.0	04/17/15 15:31	
EPA 6010	Cadmium	10.7	ug/L	2.0	04/17/15 15:31	
EPA 6010	Chromium	779	ug/L	10.0	04/17/15 15:31	
EPA 6010	Lead	806	ug/L	10.0	04/17/15 15:31	
EPA 6010	Selenium	89.2	ug/L	10.0	04/17/15 15:31	
50116587024	**GP-2W**					
EPA 6010	Arsenic	264	ug/L	10.0	04/17/15 14:46	
EPA 6010	Barium	1670	ug/L	10.0	04/17/15 14:46	
EPA 6010	Cadmium	5.6	ug/L	2.0	04/17/15 14:46	
EPA 6010	Chromium	354	ug/L	10.0	04/17/15 14:46	
EPA 6010	Lead	470	ug/L	10.0	04/17/15 14:46	
EPA 6010	Selenium	112	ug/L	10.0	04/17/15 14:46	
50116587025	**GP-3W**					
EPA 6010	Arsenic	992	ug/L	10.0	04/17/15 14:48	
EPA 6010	Barium	8750	ug/L	10.0	04/17/15 14:48	
EPA 6010	Cadmium	15.0	ug/L	2.0	04/17/15 14:48	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587025	**GP-3W**					
EPA 6010	Chromium	751	ug/L	10.0	04/17/15 14:48	
EPA 6010	Lead	938	ug/L	10.0	04/17/15 14:48	
EPA 6010	Selenium	374	ug/L	10.0	04/17/15 14:48	
EPA 7470	Mercury	2.1	ug/L	2.0	04/20/15 10:13	
50116587026	**GP-4W**					
EPA 6010	Arsenic	705	ug/L	10.0	04/17/15 14:50	
EPA 6010	Barium	2570	ug/L	10.0	04/17/15 14:50	
EPA 6010	Cadmium	13.2	ug/L	2.0	04/17/15 14:50	
EPA 6010	Chromium	609	ug/L	10.0	04/17/15 14:50	
EPA 6010	Lead	1380	ug/L	10.0	04/17/15 14:50	
EPA 6010	Selenium	52.4	ug/L	10.0	04/17/15 14:50	
EPA 7470	Mercury	2.3	ug/L	2.0	04/20/15 10:15	
50116587027	**GP-5W**					
EPA 6010	Arsenic	948	ug/L	10.0	04/17/15 14:53	
EPA 6010	Barium	5220	ug/L	10.0	04/17/15 14:53	
EPA 6010	Cadmium	13.0	ug/L	2.0	04/17/15 14:53	
EPA 6010	Chromium	942	ug/L	10.0	04/17/15 14:53	
EPA 6010	Lead	1720	ug/L	10.0	04/17/15 14:53	
EPA 6010	Selenium	109	ug/L	10.0	04/17/15 14:53	
EPA 7470	Mercury	4.7	ug/L	2.0	04/20/15 10:17	
50116587028	**GP-6W**					
EPA 6010	Arsenic	896	ug/L	10.0	04/17/15 14:56	
EPA 6010	Barium	4570	ug/L	10.0	04/17/15 14:56	
EPA 6010	Cadmium	9.1	ug/L	2.0	04/17/15 14:56	
EPA 6010	Chromium	751	ug/L	10.0	04/17/15 14:56	
EPA 6010	Lead	762	ug/L	10.0	04/17/15 14:56	
EPA 6010	Selenium	499	ug/L	10.0	04/17/15 14:56	
50116587029	**GP-7W**					
EPA 6010	Arsenic	1530	ug/L	10.0	04/17/15 14:58	
EPA 6010	Barium	4850	ug/L	10.0	04/17/15 14:58	
EPA 6010	Cadmium	13.9	ug/L	2.0	04/17/15 14:58	
EPA 6010	Chromium	1060	ug/L	10.0	04/17/15 14:58	
EPA 6010	Lead	1060	ug/L	10.0	04/17/15 14:58	
EPA 6010	Selenium	285	ug/L	10.0	04/17/15 14:58	
EPA 7470	Mercury	2.2	ug/L	2.0	04/20/15 10:25	
EPA 8260	1,1-Dichloroethane	6.2	ug/L	5.0	04/16/15 04:07	
50116587030	**GP-8W**					
EPA 6010	Arsenic	1260	ug/L	10.0	04/17/15 15:01	
EPA 6010	Barium	4920	ug/L	10.0	04/17/15 15:01	
EPA 6010	Cadmium	10.6	ug/L	2.0	04/17/15 15:01	
EPA 6010	Chromium	532	ug/L	10.0	04/17/15 15:01	
EPA 6010	Lead	992	ug/L	10.0	04/17/15 15:01	
EPA 6010	Selenium	348	ug/L	10.0	04/17/15 15:01	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50116587031	**GP-9W**					
EPA 6010	Arsenic	1510	ug/L	50.0	04/17/15 15:03	
EPA 6010	Barium	6410	ug/L	50.0	04/17/15 15:03	
EPA 6010	Cadmium	32.0	ug/L	10.0	04/17/15 15:03	
EPA 6010	Chromium	2950	ug/L	50.0	04/17/15 15:03	
EPA 6010	Lead	1810	ug/L	50.0	04/17/15 15:03	
EPA 6010	Selenium	723	ug/L	50.0	04/17/15 15:03	
50116587032	**GP-10W**					
EPA 6010	Arsenic	2010	ug/L	10.0	04/17/15 15:05	
EPA 6010	Barium	5730	ug/L	10.0	04/17/15 15:05	
EPA 6010	Cadmium	26.0	ug/L	2.0	04/17/15 15:05	
EPA 6010	Chromium	853	ug/L	10.0	04/17/15 15:05	
EPA 6010	Lead	1290	ug/L	10.0	04/17/15 15:05	
EPA 6010	Selenium	148	ug/L	10.0	04/17/15 15:05	
EPA 7470	Mercury	6.4	ug/L	2.0	04/20/15 10:31	
50116587033	**DUP**					
EPA 6010	Arsenic	568	ug/L	10.0	04/17/15 15:08	
EPA 6010	Barium	2900	ug/L	10.0	04/17/15 15:08	
EPA 6010	Cadmium	10.1	ug/L	2.0	04/17/15 15:08	
EPA 6010	Chromium	561	ug/L	10.0	04/17/15 15:08	
EPA 6010	Lead	894	ug/L	10.0	04/17/15 15:08	
EPA 6010	Selenium	230	ug/L	10.0	04/17/15 15:08	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.1**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-38-2	
Barium	**207**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	04/14/15 21:45	04/15/15 13:20	7440-43-9	
Chromium	**10.5**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7440-47-3	
Lead	**92.5**	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/14/15 21:45	04/15/15 13:20	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/14/15 21:45	04/15/15 13:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.37**	mg/kg	0.25	1	04/20/15 14:55	04/21/15 09:56	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	83-32-9	
Acenaphthylene	**0.044**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	208-96-8	
Anthracene	**0.062**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	120-12-7	
Benzo(a)anthracene	**0.24**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	56-55-3	
Benzo(a)pyrene	**0.22**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	50-32-8	
Benzo(b)fluoranthene	**0.20**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	205-99-2	
Benzo(g,h,i)perylene	**0.11**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	191-24-2	
Benzo(k)fluoranthene	**0.21**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	207-08-9	
Chrysene	**0.23**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	218-01-9	
Dibenz(a,h)anthracene	**0.073**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	53-70-3	
Fluoranthene	**0.41**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	206-44-0	
Fluorene	**0.0072**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.12**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	193-39-5	
1-Methylnaphthalene	**0.0063**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	90-12-0	
2-Methylnaphthalene	**0.0096**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	91-57-6	
Naphthalene	**0.030**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	91-20-3	
Phenanthrene	**0.21**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	85-01-8	
Pyrene	**0.33**	mg/kg	0.0058	1	04/15/15 10:35	04/16/15 22:23	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	38-110	1	04/15/15 10:35	04/16/15 22:23	321-60-8	
p-Terphenyl-d14 (S)	57	%.	32-111	1	04/15/15 10:35	04/16/15 22:23	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.11	1		04/16/15 01:44	67-64-1	
Acrolein	ND	mg/kg	0.11	1		04/16/15 01:44	107-02-8	
Acrylonitrile	ND	mg/kg	0.11	1		04/16/15 01:44	107-13-1	
Benzene	ND	mg/kg	0.0054	1		04/16/15 01:44	71-43-2	
Bromobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-86-1	
Bromochloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-27-4	
Bromoform	ND	mg/kg	0.0054	1		04/16/15 01:44	75-25-2	
Bromomethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.027	1		04/16/15 01:44	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	98-06-6	
Carbon disulfide	ND	mg/kg	0.011	1		04/16/15 01:44	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0054	1		04/16/15 01:44	56-23-5	
Chlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-90-7	
Chloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-00-3	
Chloroform	ND	mg/kg	0.0054	1		04/16/15 01:44	67-66-3	
Chloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0054	1		04/16/15 01:44	106-93-4	
Dibromomethane	ND	mg/kg	0.0054	1		04/16/15 01:44	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.11	1		04/16/15 01:44	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0054	1		04/16/15 01:44	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.11	1		04/16/15 01:44	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0054	1		04/16/15 01:44	87-68-3	
n-Hexane	ND	mg/kg	0.0054	1		04/16/15 01:44	110-54-3	
2-Hexanone	ND	mg/kg	0.11	1		04/16/15 01:44	591-78-6	
Iodomethane	ND	mg/kg	0.11	1		04/16/15 01:44	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0054	1		04/16/15 01:44	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0054	1		04/16/15 01:44	99-87-6	
Methylene Chloride	ND	mg/kg	0.022	1		04/16/15 01:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.027	1		04/16/15 01:44	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0054	1		04/16/15 01:44	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	103-65-1	
Styrene	ND	mg/kg	0.0054	1		04/16/15 01:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(0-4) **Lab ID: 50116587001** Collected: 04/13/15 09:20 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0054	1		04/16/15 01:44	79-00-5	
Trichloroethene	ND	mg/kg	0.0054	1		04/16/15 01:44	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0054	1		04/16/15 01:44	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0054	1		04/16/15 01:44	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0054	1		04/16/15 01:44	108-67-8	
Vinyl acetate	ND	mg/kg	0.11	1		04/16/15 01:44	108-05-4	
Vinyl chloride	ND	mg/kg	0.0054	1		04/16/15 01:44	75-01-4	
Xylene (Total)	ND	mg/kg	0.011	1		04/16/15 01:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 01:44	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		04/16/15 01:44	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	56-144	1		04/16/15 01:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.3**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 11:32	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.1**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-38-2	
Barium	**10.7**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-39-3	
Cadmium	ND	mg/kg	0.45	1	04/14/15 21:45	04/15/15 13:22	7440-43-9	
Chromium	**3.7**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7440-47-3	
Lead	**3.9**	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7439-92-1	
Selenium	ND	mg/kg	0.90	1	04/14/15 21:45	04/15/15 13:22	7782-49-2	
Silver	ND	mg/kg	0.45	1	04/14/15 21:45	04/15/15 13:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.19	1	04/20/15 14:55	04/21/15 09:58	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/16/15 22:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	40	%.	38-110	1	04/15/15 10:35	04/16/15 22:41	321-60-8	
p-Terphenyl-d14 (S)	41	%.	32-111	1	04/15/15 10:35	04/16/15 22:41	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.081	1		04/16/15 02:21	67-64-1	
Acrolein	ND	mg/kg	0.081	1		04/16/15 02:21	107-02-8	
Acrylonitrile	ND	mg/kg	0.081	1		04/16/15 02:21	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 02:21	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 02:21	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 02:21	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	98-06-6	
Carbon disulfide	ND	mg/kg	0.0081	1		04/16/15 02:21	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 02:21	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 02:21	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 02:21	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 02:21	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.081	1		04/16/15 02:21	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:21	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.081	1		04/16/15 02:21	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 02:21	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 02:21	110-54-3	
2-Hexanone	ND	mg/kg	0.081	1		04/16/15 02:21	591-78-6	
Iodomethane	ND	mg/kg	0.081	1		04/16/15 02:21	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 02:21	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 02:21	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 02:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 02:21	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 02:21	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 02:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1(24-26) **Lab ID: 50116587002** Collected: 04/13/15 09:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:21	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:21	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:21	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:21	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:21	108-67-8	
Vinyl acetate	ND	mg/kg	0.081	1		04/16/15 02:21	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 02:21	75-01-4	
Xylene (Total)	ND	mg/kg	0.0081	1		04/16/15 02:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 02:21	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 02:21	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	56-144	1		04/16/15 02:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.9**	%	0.10	1		04/15/15 16:26		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-38-2	
Barium	**69.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-39-3	
Cadmium	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 01:53	7440-43-9	
Chromium	**13.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7440-47-3	
Lead	**8.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 01:53	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 01:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.24	1	04/20/15 14:55	04/21/15 10:00	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	83-32-9	
Acenaphthylene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	208-96-8	
Anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	207-08-9	
Chrysene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	53-70-3	
Fluoranthene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	206-44-0	
Fluorene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	91-57-6	
Naphthalene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	91-20-3	
Phenanthrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	85-01-8	
Pyrene	ND	mg/kg	0.0057	1	04/15/15 10:35	04/16/15 22:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	38-110	1	04/15/15 10:35	04/16/15 22:59	321-60-8	
p-Terphenyl-d14 (S)	68	%.	32-111	1	04/15/15 10:35	04/16/15 22:59	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.079	1		04/16/15 02:58	67-64-1	
Acrolein	ND	mg/kg	0.079	1		04/16/15 02:58	107-02-8	
Acrylonitrile	ND	mg/kg	0.079	1		04/16/15 02:58	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 02:58	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 02:58	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 02:58	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	98-06-6	
Carbon disulfide	ND	mg/kg	0.0079	1		04/16/15 02:58	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 02:58	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 02:58	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 02:58	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 02:58	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.079	1		04/16/15 02:58	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 02:58	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.079	1		04/16/15 02:58	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 02:58	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 02:58	110-54-3	
2-Hexanone	ND	mg/kg	0.079	1		04/16/15 02:58	591-78-6	
Iodomethane	ND	mg/kg	0.079	1		04/16/15 02:58	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 02:58	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 02:58	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 02:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 02:58	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 02:58	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 02:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(0-4) **Lab ID: 50116587003** Collected: 04/13/15 10:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 02:58	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 02:58	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 02:58	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 02:58	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 02:58	108-67-8	
Vinyl acetate	ND	mg/kg	0.079	1		04/16/15 02:58	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 02:58	75-01-4	
Xylene (Total)	ND	mg/kg	0.0079	1		04/16/15 02:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 02:58	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 02:58	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 02:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.8**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:54	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.1**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-38-2	
Barium	**47.3**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-39-3	
Cadmium	**0.74**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:09	7440-43-9	
Chromium	**14.4**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7440-47-3	
Lead	**131**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:09	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:06	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	208-96-8	
Anthracene	**0.062**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	120-12-7	
Benzo(a)anthracene	**0.14**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	56-55-3	
Benzo(a)pyrene	**0.13**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	50-32-8	
Benzo(b)fluoranthene	**0.15**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	205-99-2	
Benzo(g,h,i)perylene	**0.096**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	191-24-2	
Benzo(k)fluoranthene	**0.14**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	207-08-9	
Chrysene	**0.15**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	53-70-3	
Fluoranthene	**0.42**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	206-44-0	
Fluorene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.092**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	91-57-6	
Naphthalene	ND	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	91-20-3	3d
Phenanthrene	**0.40**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	85-01-8	
Pyrene	**0.31**	mg/kg	0.056	10	04/15/15 10:35	04/16/15 23:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	64	%.	38-110	10	04/15/15 10:35	04/16/15 23:54	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	10	04/15/15 10:35	04/16/15 23:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.087	1		04/16/15 04:48	67-64-1	
Acrolein	ND	mg/kg	0.087	1		04/16/15 04:48	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		04/16/15 04:48	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 04:48	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 04:48	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 04:48	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		04/16/15 04:48	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 04:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 04:48	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 04:48	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 04:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		04/16/15 04:48	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 04:48	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		04/16/15 04:48	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 04:48	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 04:48	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		04/16/15 04:48	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		04/16/15 04:48	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 04:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 04:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 04:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 04:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 04:48	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 04:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2(24-26) **Lab ID: 50116587004** Collected: 04/13/15 11:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 04:48	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 04:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 04:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 04:48	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 04:48	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		04/16/15 04:48	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 04:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		04/16/15 04:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 04:48	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 04:48	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 04:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.7**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.2	1	04/28/15 07:19	04/29/15 11:58	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.9**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-38-2	
Barium	**140**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-39-3	
Cadmium	**0.60**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:11	7440-43-9	
Chromium	**10.6**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7440-47-3	
Lead	**242**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:11	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:11	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.59**	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:09	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	83-32-9	
Acenaphthylene	**0.14**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	208-96-8	
Anthracene	**0.22**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	120-12-7	
Benzo(a)anthracene	**0.88**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	56-55-3	
Benzo(a)pyrene	**1.0**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	50-32-8	
Benzo(b)fluoranthene	**1.0**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	205-99-2	
Benzo(g,h,i)perylene	**0.67**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	191-24-2	
Benzo(k)fluoranthene	**0.97**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	207-08-9	
Chrysene	**0.90**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	218-01-9	
Dibenz(a,h)anthracene	**0.32**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	53-70-3	
Fluoranthene	**1.8**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	206-44-0	
Fluorene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.64**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	91-57-6	
Naphthalene	ND	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	91-20-3	3d
Phenanthrene	**0.89**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	85-01-8	
Pyrene	**1.6**	mg/kg	0.058	10	04/15/15 10:35	04/17/15 00:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	38-110	10	04/15/15 10:35	04/17/15 00:12	321-60-8	
p-Terphenyl-d14 (S)	80	%.	32-111	10	04/15/15 10:35	04/17/15 00:12	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.091	1		04/16/15 05:25	67-64-1	
Acrolein	ND	mg/kg	0.091	1		04/16/15 05:25	107-02-8	
Acrylonitrile	ND	mg/kg	0.091	1		04/16/15 05:25	107-13-1	
Benzene	ND	mg/kg	0.0045	1		04/16/15 05:25	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		04/16/15 05:25	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		04/16/15 05:25	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	98-06-6	
Carbon disulfide	ND	mg/kg	0.0091	1		04/16/15 05:25	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		04/16/15 05:25	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		04/16/15 05:25	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		04/16/15 05:25	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		04/16/15 05:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.091	1		04/16/15 05:25	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 05:25	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.091	1		04/16/15 05:25	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		04/16/15 05:25	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		04/16/15 05:25	110-54-3	
2-Hexanone	ND	mg/kg	0.091	1		04/16/15 05:25	591-78-6	
Iodomethane	ND	mg/kg	0.091	1		04/16/15 05:25	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		04/16/15 05:25	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		04/16/15 05:25	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 05:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		04/16/15 05:25	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		04/16/15 05:25	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	103-65-1	
Styrene	ND	mg/kg	0.0045	1		04/16/15 05:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(0-4) **Lab ID: 50116587005** Collected: 04/13/15 12:25 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 05:25	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1		04/16/15 05:25	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		04/16/15 05:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		04/16/15 05:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 05:25	108-67-8	
Vinyl acetate	ND	mg/kg	0.091	1		04/16/15 05:25	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		04/16/15 05:25	75-01-4	
Xylene (Total)	ND	mg/kg	0.0091	1		04/16/15 05:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 05:25	1868-53-7	
Toluene-d8 (S)	98	%.	71-128	1		04/16/15 05:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 05:25	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.9**	%	0.10	1		04/15/15 16:26		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:58	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**23.1**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-38-2	
Barium	**19.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:13	7440-43-9	
Chromium	**5.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7440-47-3	
Lead	**4.0**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7439-92-1	
Selenium	ND	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:13	7782-49-2	
Silver	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:11	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 00:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	38-110	1	04/15/15 10:35	04/17/15 00:29	321-60-8	
p-Terphenyl-d14 (S)	77	%.	32-111	1	04/15/15 10:35	04/17/15 00:29	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		04/16/15 05:51	67-64-1	
Acrolein	ND	mg/kg	0.12	1		04/16/15 05:51	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		04/16/15 05:51	107-13-1	
Benzene	ND	mg/kg	0.0061	1		04/16/15 05:51	71-43-2	
Bromobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-86-1	
Bromochloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-27-4	
Bromoform	ND	mg/kg	0.0061	1		04/16/15 05:51	75-25-2	
Bromomethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.030	1		04/16/15 05:51	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		04/16/15 05:51	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0061	1		04/16/15 05:51	56-23-5	
Chlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-90-7	
Chloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-00-3	
Chloroform	ND	mg/kg	0.0061	1		04/16/15 05:51	67-66-3	
Chloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0061	1		04/16/15 05:51	106-93-4	
Dibromomethane	ND	mg/kg	0.0061	1		04/16/15 05:51	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		04/16/15 05:51	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0061	1		04/16/15 05:51	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		04/16/15 05:51	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0061	1		04/16/15 05:51	87-68-3	
n-Hexane	ND	mg/kg	0.0061	1		04/16/15 05:51	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		04/16/15 05:51	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		04/16/15 05:51	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0061	1		04/16/15 05:51	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0061	1		04/16/15 05:51	99-87-6	
Methylene Chloride	ND	mg/kg	0.024	1		04/16/15 05:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.030	1		04/16/15 05:51	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0061	1		04/16/15 05:51	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	103-65-1	
Styrene	ND	mg/kg	0.0061	1		04/16/15 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3(24-26) **Lab ID: 50116587006** Collected: 04/13/15 12:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0061	1		04/16/15 05:51	79-00-5	
Trichloroethene	ND	mg/kg	0.0061	1		04/16/15 05:51	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0061	1		04/16/15 05:51	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0061	1		04/16/15 05:51	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0061	1		04/16/15 05:51	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		04/16/15 05:51	108-05-4	
Vinyl chloride	ND	mg/kg	0.0061	1		04/16/15 05:51	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		04/16/15 05:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 05:51	1868-53-7	
Toluene-d8 (S)	97	%.	71-128	1		04/16/15 05:51	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 05:51	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.5**	%	0.10	1		04/15/15 16:26		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**13.8**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-38-2	
Barium	**40.1**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-39-3	
Cadmium	**0.63**	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:16	7440-43-9	
Chromium	**6.8**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7440-47-3	
Lead	**76.2**	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7439-92-1	
Selenium	ND	mg/kg	0.99	1	04/15/15 07:14	04/16/15 02:16	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:16	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.25**	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:18	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	83-32-9	
Acenaphthylene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	208-96-8	
Anthracene	**0.13**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	120-12-7	
Benzo(a)anthracene	**0.18**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	56-55-3	
Benzo(a)pyrene	**0.13**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	50-32-8	
Benzo(b)fluoranthene	**0.24**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	205-99-2	
Benzo(g,h,i)perylene	**0.11**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	191-24-2	
Benzo(k)fluoranthene	**0.20**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	207-08-9	
Chrysene	**0.27**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	53-70-3	
Fluoranthene	**0.80**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	206-44-0	
Fluorene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.10**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	91-57-6	
Naphthalene	ND	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	91-20-3	3d
Phenanthrene	**0.95**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	85-01-8	
Pyrene	**0.54**	mg/kg	0.054	10	04/15/15 10:35	04/17/15 00:48	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	39	%.	38-110	10	04/15/15 10:35	04/17/15 00:48	321-60-8	
p-Terphenyl-d14 (S)	44	%.	32-111	10	04/15/15 10:35	04/17/15 00:48	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.093	1		04/16/15 06:16	67-64-1	
Acrolein	ND	mg/kg	0.093	1		04/16/15 06:16	107-02-8	
Acrylonitrile	ND	mg/kg	0.093	1		04/16/15 06:16	107-13-1	
Benzene	ND	mg/kg	0.0046	1		04/16/15 06:16	71-43-2	
Bromobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-86-1	
Bromochloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-27-4	
Bromoform	ND	mg/kg	0.0046	1		04/16/15 06:16	75-25-2	
Bromomethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.023	1		04/16/15 06:16	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	98-06-6	
Carbon disulfide	ND	mg/kg	0.0093	1		04/16/15 06:16	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0046	1		04/16/15 06:16	56-23-5	
Chlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-90-7	
Chloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-00-3	
Chloroform	ND	mg/kg	0.0046	1		04/16/15 06:16	67-66-3	
Chloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0046	1		04/16/15 06:16	106-93-4	
Dibromomethane	ND	mg/kg	0.0046	1		04/16/15 06:16	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.093	1		04/16/15 06:16	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0046	1		04/16/15 06:16	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.093	1		04/16/15 06:16	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0046	1		04/16/15 06:16	87-68-3	
n-Hexane	ND	mg/kg	0.0046	1		04/16/15 06:16	110-54-3	
2-Hexanone	ND	mg/kg	0.093	1		04/16/15 06:16	591-78-6	
Iodomethane	ND	mg/kg	0.093	1		04/16/15 06:16	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0046	1		04/16/15 06:16	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0046	1		04/16/15 06:16	99-87-6	
Methylene Chloride	ND	mg/kg	0.019	1		04/16/15 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.023	1		04/16/15 06:16	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0046	1		04/16/15 06:16	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	103-65-1	
Styrene	ND	mg/kg	0.0046	1		04/16/15 06:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(0-4) **Lab ID: 50116587007** Collected: 04/13/15 13:35 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0046	1		04/16/15 06:16	79-00-5	
Trichloroethene	ND	mg/kg	0.0046	1		04/16/15 06:16	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0046	1		04/16/15 06:16	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0046	1		04/16/15 06:16	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0046	1		04/16/15 06:16	108-67-8	
Vinyl acetate	ND	mg/kg	0.093	1		04/16/15 06:16	108-05-4	
Vinyl chloride	ND	mg/kg	0.0046	1		04/16/15 06:16	75-01-4	
Xylene (Total)	ND	mg/kg	0.0093	1		04/16/15 06:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	85-118	1		04/16/15 06:16	1868-53-7	
Toluene-d8 (S)	104	%.	71-128	1		04/16/15 06:16	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	56-144	1		04/16/15 06:16	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.5**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**89.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-38-2	
Barium	**94.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-39-3	
Cadmium	**0.60**	mg/kg	0.51	1	04/15/15 07:14	04/16/15 02:18	7440-43-9	
Chromium	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7440-47-3	
Lead	**6.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:18	7782-49-2	
Silver	ND	mg/kg	0.51	1	04/15/15 07:14	04/16/15 02:18	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:20	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	71	%.	38-110	1	04/15/15 10:35	04/17/15 01:06	321-60-8	
p-Terphenyl-d14 (S)	80	%.	32-111	1	04/15/15 10:35	04/17/15 01:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.080	1		04/16/15 06:42	67-64-1	
Acrolein	ND	mg/kg	0.080	1		04/16/15 06:42	107-02-8	
Acrylonitrile	ND	mg/kg	0.080	1		04/16/15 06:42	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 06:42	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 06:42	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 06:42	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	98-06-6	
Carbon disulfide	ND	mg/kg	0.0080	1		04/16/15 06:42	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 06:42	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 06:42	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 06:42	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 06:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.080	1		04/16/15 06:42	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 06:42	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.080	1		04/16/15 06:42	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 06:42	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 06:42	110-54-3	
2-Hexanone	ND	mg/kg	0.080	1		04/16/15 06:42	591-78-6	
Iodomethane	ND	mg/kg	0.080	1		04/16/15 06:42	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 06:42	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 06:42	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 06:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 06:42	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 06:42	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 06:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4(24-26) **Lab ID: 50116587008** Collected: 04/13/15 14:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 06:42	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 06:42	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 06:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 06:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 06:42	108-67-8	
Vinyl acetate	ND	mg/kg	0.080	1		04/16/15 06:42	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 06:42	75-01-4	
Xylene (Total)	ND	mg/kg	0.0080	1		04/16/15 06:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 06:42	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 06:42	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	56-144	1		04/16/15 06:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.4**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-38-2	
Barium	**194**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-39-3	
Cadmium	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:20	7440-43-9	
Chromium	**8.5**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7440-47-3	
Lead	**675**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:20	7782-49-2	
Silver	ND	mg/kg	0.50	1	04/15/15 07:14	04/16/15 02:20	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**1.5**	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:23	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	83-32-9	
Acenaphthylene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	208-96-8	
Anthracene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	120-12-7	
Benzo(a)anthracene	**0.056**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	56-55-3	
Benzo(a)pyrene	**0.066**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	50-32-8	
Benzo(b)fluoranthene	**0.11**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	205-99-2	
Benzo(g,h,i)perylene	**0.066**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	191-24-2	
Benzo(k)fluoranthene	**0.083**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	207-08-9	
Chrysene	**0.099**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	53-70-3	
Fluoranthene	**0.18**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	206-44-0	
Fluorene	ND	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.059**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	193-39-5	
1-Methylnaphthalene	**0.035**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	90-12-0	
2-Methylnaphthalene	**0.043**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	91-57-6	
Naphthalene	**0.035**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	91-20-3	3d
Phenanthrene	**0.14**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	85-01-8	
Pyrene	**0.13**	mg/kg	0.028	5	04/15/15 10:35	04/17/15 01:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	40	%.	38-110	5	04/15/15 10:35	04/17/15 01:24	321-60-8	
p-Terphenyl-d14 (S)	47	%.	32-111	5	04/15/15 10:35	04/17/15 01:24	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.087	1		04/16/15 20:27	67-64-1	
Acrolein	ND	mg/kg	0.087	1		04/16/15 20:27	107-02-8	
Acrylonitrile	ND	mg/kg	0.087	1		04/16/15 20:27	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 20:27	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 20:27	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 20:27	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	98-06-6	
Carbon disulfide	ND	mg/kg	0.0087	1		04/16/15 20:27	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 20:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 20:27	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 20:27	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 20:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.087	1		04/16/15 20:27	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 20:27	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.087	1		04/16/15 20:27	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 20:27	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 20:27	110-54-3	
2-Hexanone	ND	mg/kg	0.087	1		04/16/15 20:27	591-78-6	
Iodomethane	ND	mg/kg	0.087	1		04/16/15 20:27	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 20:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 20:27	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 20:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 20:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 20:27	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 20:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(0-4) **Lab ID: 50116587009** Collected: 04/13/15 14:50 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 20:27	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 20:27	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 20:27	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 20:27	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 20:27	108-67-8	
Vinyl acetate	ND	mg/kg	0.087	1		04/16/15 20:27	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 20:27	75-01-4	
Xylene (Total)	ND	mg/kg	0.0087	1		04/16/15 20:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	85-118	1		04/16/15 20:27	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		04/16/15 20:27	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 20:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		04/15/15 16:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.0**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-38-2	
Barium	**14.6**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-39-3	
Cadmium	ND	mg/kg	0.42	1	04/15/15 07:14	04/16/15 02:22	7440-43-9	
Chromium	**4.3**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7440-47-3	
Lead	**2.9**	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7439-92-1	
Selenium	ND	mg/kg	0.84	1	04/15/15 07:14	04/16/15 02:22	7782-49-2	
Silver	ND	mg/kg	0.42	1	04/15/15 07:14	04/16/15 02:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:25	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 01:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	38-110	1	04/15/15 10:35	04/17/15 01:41	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	1	04/15/15 10:35	04/17/15 01:41	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.085	1		04/16/15 21:04	67-64-1	
Acrolein	ND	mg/kg	0.085	1		04/16/15 21:04	107-02-8	
Acrylonitrile	ND	mg/kg	0.085	1		04/16/15 21:04	107-13-1	
Benzene	ND	mg/kg	0.0043	1		04/16/15 21:04	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-27-4	
Bromoform	ND	mg/kg	0.0043	1		04/16/15 21:04	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 21:04	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	98-06-6	
Carbon disulfide	ND	mg/kg	0.0085	1		04/16/15 21:04	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		04/16/15 21:04	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		04/16/15 21:04	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		04/16/15 21:04	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		04/16/15 21:04	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.085	1		04/16/15 21:04	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 21:04	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.085	1		04/16/15 21:04	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		04/16/15 21:04	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		04/16/15 21:04	110-54-3	
2-Hexanone	ND	mg/kg	0.085	1		04/16/15 21:04	591-78-6	
Iodomethane	ND	mg/kg	0.085	1		04/16/15 21:04	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		04/16/15 21:04	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		04/16/15 21:04	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 21:04	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		04/16/15 21:04	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	103-65-1	
Styrene	ND	mg/kg	0.0043	1		04/16/15 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5(24-26) **Lab ID: 50116587010** Collected: 04/13/15 15:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 21:04	79-00-5	
Trichloroethene	ND	mg/kg	0.0043	1		04/16/15 21:04	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		04/16/15 21:04	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		04/16/15 21:04	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 21:04	108-67-8	
Vinyl acetate	ND	mg/kg	0.085	1		04/16/15 21:04	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		04/16/15 21:04	75-01-4	
Xylene (Total)	ND	mg/kg	0.0085	1		04/16/15 21:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 21:04	1868-53-7	
Toluene-d8 (S)	97	%.	71-128	1		04/16/15 21:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	56-144	1		04/16/15 21:04	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.8**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-38-2	
Barium	**86.3**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:24	7440-43-9	
Chromium	**11.1**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7440-47-3	
Lead	**21.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:24	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	04/20/15 14:55	04/21/15 10:27	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	83-32-9	
Acenaphthylene	**0.0099**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	208-96-8	
Anthracene	**0.014**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	120-12-7	
Benzo(a)anthracene	**0.033**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	56-55-3	
Benzo(a)pyrene	**0.035**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	50-32-8	
Benzo(b)fluoranthene	**0.043**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	205-99-2	
Benzo(g,h,i)perylene	**0.020**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	191-24-2	
Benzo(k)fluoranthene	**0.039**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	207-08-9	
Chrysene	**0.034**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	218-01-9	
Dibenz(a,h)anthracene	**0.011**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	53-70-3	
Fluoranthene	**0.045**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.021**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	91-20-3	
Phenanthrene	**0.017**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	85-01-8	
Pyrene	**0.039**	mg/kg	0.0059	1	04/15/15 10:35	04/17/15 02:00	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	38-110	1	04/15/15 10:35	04/17/15 02:00	321-60-8	
p-Terphenyl-d14 (S)	72	%.	32-111	1	04/15/15 10:35	04/17/15 02:00	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.080	1		04/16/15 15:32	67-64-1	
Acrolein	ND	mg/kg	0.080	1		04/16/15 15:32	107-02-8	
Acrylonitrile	ND	mg/kg	0.080	1		04/16/15 15:32	107-13-1	
Benzene	ND	mg/kg	0.0040	1		04/16/15 15:32	71-43-2	
Bromobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-86-1	
Bromochloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-27-4	
Bromoform	ND	mg/kg	0.0040	1		04/16/15 15:32	75-25-2	
Bromomethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.020	1		04/16/15 15:32	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	98-06-6	
Carbon disulfide	ND	mg/kg	0.0080	1		04/16/15 15:32	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0040	1		04/16/15 15:32	56-23-5	
Chlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-90-7	
Chloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-00-3	
Chloroform	ND	mg/kg	0.0040	1		04/16/15 15:32	67-66-3	
Chloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0040	1		04/16/15 15:32	106-93-4	
Dibromomethane	ND	mg/kg	0.0040	1		04/16/15 15:32	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.080	1		04/16/15 15:32	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	1		04/16/15 15:32	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.080	1		04/16/15 15:32	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0040	1		04/16/15 15:32	87-68-3	
n-Hexane	ND	mg/kg	0.0040	1		04/16/15 15:32	110-54-3	
2-Hexanone	ND	mg/kg	0.080	1		04/16/15 15:32	591-78-6	
Iodomethane	ND	mg/kg	0.080	1		04/16/15 15:32	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0040	1		04/16/15 15:32	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0040	1		04/16/15 15:32	99-87-6	
Methylene Chloride	ND	mg/kg	0.016	1		04/16/15 15:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.020	1		04/16/15 15:32	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0040	1		04/16/15 15:32	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	103-65-1	
Styrene	ND	mg/kg	0.0040	1		04/16/15 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(0-4) **Lab ID: 50116587011** Collected: 04/13/15 15:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0040	1		04/16/15 15:32	79-00-5	
Trichloroethene	ND	mg/kg	0.0040	1		04/16/15 15:32	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0040	1		04/16/15 15:32	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0040	1		04/16/15 15:32	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	1		04/16/15 15:32	108-67-8	
Vinyl acetate	ND	mg/kg	0.080	1		04/16/15 15:32	108-05-4	
Vinyl chloride	ND	mg/kg	0.0040	1		04/16/15 15:32	75-01-4	
Xylene (Total)	ND	mg/kg	0.0080	1		04/16/15 15:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	85-118	1		04/16/15 15:32	1868-53-7	
Toluene-d8 (S)	95	%.	71-128	1		04/16/15 15:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	56-144	1		04/16/15 15:32	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.2**	%	0.10	1		04/15/15 16:27		
7196 Chromium, Hexavalent	Analytical Method: EPA 7196A Preparation Method: EPA 3060A							
Chromium, Hexavalent	ND	mg/kg	2.3	1	04/28/15 07:19	04/29/15 12:24	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.0**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-38-2	
Barium	**7.4**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-39-3	
Cadmium	ND	mg/kg	0.47	1	04/15/15 07:14	04/16/15 02:26	7440-43-9	
Chromium	**4.1**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7440-47-3	
Lead	**2.3**	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7439-92-1	
Selenium	ND	mg/kg	0.94	1	04/15/15 07:14	04/16/15 02:26	7782-49-2	
Silver	ND	mg/kg	0.47	1	04/15/15 07:14	04/16/15 02:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.22	1	04/20/15 14:55	04/21/15 10:29	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 02:18	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	38-110	1	04/15/15 10:35	04/17/15 02:18	321-60-8	
p-Terphenyl-d14 (S)	78	%.	32-111	1	04/15/15 10:35	04/17/15 02:18	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 16:09	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 16:09	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 16:09	107-13-1	
Benzene	ND	mg/kg	0.0050	1		04/16/15 16:09	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		04/16/15 16:09	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		04/16/15 16:09	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 16:09	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		04/16/15 16:09	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		04/16/15 16:09	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		04/16/15 16:09	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		04/16/15 16:09	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 16:09	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 16:09	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 16:09	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		04/16/15 16:09	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		04/16/15 16:09	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 16:09	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 16:09	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		04/16/15 16:09	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		04/16/15 16:09	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		04/16/15 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		04/16/15 16:09	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		04/16/15 16:09	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	103-65-1	
Styrene	ND	mg/kg	0.0050	1		04/16/15 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6(24-26) **Lab ID: 50116587012** Collected: 04/13/15 16:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 16:09	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		04/16/15 16:09	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		04/16/15 16:09	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		04/16/15 16:09	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 16:09	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 16:09	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		04/16/15 16:09	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	85-118	1		04/16/15 16:09	1868-53-7	
Toluene-d8 (S)	100	%.	71-128	1		04/16/15 16:09	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	56-144	1		04/16/15 16:09	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.4**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**7.0**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-38-2	
Barium	**45.1**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-39-3	
Cadmium	ND	mg/kg	0.49	1	04/15/15 07:14	04/16/15 02:28	7440-43-9	
Chromium	**9.6**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7440-47-3	
Lead	**6.1**	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7439-92-1	
Selenium	ND	mg/kg	0.98	1	04/15/15 07:14	04/16/15 02:28	7782-49-2	
Silver	ND	mg/kg	0.49	1	04/15/15 07:14	04/16/15 02:28	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:31	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	83-32-9	
Acenaphthylene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	208-96-8	
Anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	56-55-3	
Benzo(a)pyrene	**0.032**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	207-08-9	
Chrysene	**0.033**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	53-70-3	
Fluoranthene	**0.031**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	206-44-0	
Fluorene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	193-39-5	
1-Methylnaphthalene	**0.036**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	90-12-0	
2-Methylnaphthalene	**0.044**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	91-57-6	
Naphthalene	ND	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	91-20-3	3d
Phenanthrene	**0.033**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	85-01-8	
Pyrene	**0.035**	mg/kg	0.027	5	04/15/15 10:35	04/17/15 02:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	38-110	5	04/15/15 10:35	04/17/15 02:36	321-60-8	
p-Terphenyl-d14 (S)	77	%.	32-111	5	04/15/15 10:35	04/17/15 02:36	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.084	1		04/16/15 16:46	67-64-1	
Acrolein	ND	mg/kg	0.084	1		04/16/15 16:46	107-02-8	
Acrylonitrile	ND	mg/kg	0.084	1		04/16/15 16:46	107-13-1	
Benzene	ND	mg/kg	0.0042	1		04/16/15 16:46	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-27-4	
Bromoform	ND	mg/kg	0.0042	1		04/16/15 16:46	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 16:46	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	98-06-6	
Carbon disulfide	ND	mg/kg	0.0084	1		04/16/15 16:46	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		04/16/15 16:46	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		04/16/15 16:46	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		04/16/15 16:46	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		04/16/15 16:46	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.084	1		04/16/15 16:46	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 16:46	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.084	1		04/16/15 16:46	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		04/16/15 16:46	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		04/16/15 16:46	110-54-3	
2-Hexanone	ND	mg/kg	0.084	1		04/16/15 16:46	591-78-6	
Iodomethane	ND	mg/kg	0.084	1		04/16/15 16:46	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		04/16/15 16:46	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		04/16/15 16:46	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 16:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 16:46	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		04/16/15 16:46	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	103-65-1	
Styrene	ND	mg/kg	0.0042	1		04/16/15 16:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(0-4) **Lab ID: 50116587013** Collected: 04/14/15 08:45 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 16:46	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		04/16/15 16:46	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		04/16/15 16:46	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		04/16/15 16:46	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 16:46	108-67-8	
Vinyl acetate	ND	mg/kg	0.084	1		04/16/15 16:46	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		04/16/15 16:46	75-01-4	
Xylene (Total)	ND	mg/kg	0.0084	1		04/16/15 16:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 16:46	1868-53-7	
Toluene-d8 (S)	96	%.	71-128	1		04/16/15 16:46	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	56-144	1		04/16/15 16:46	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		04/15/15 16:27		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**11.1**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-38-2	
Barium	**27.1**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-39-3	
Cadmium	ND	mg/kg	0.48	1	04/15/15 07:14	04/16/15 02:34	7440-43-9	
Chromium	**6.4**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7440-47-3	
Lead	**3.9**	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7439-92-1	
Selenium	ND	mg/kg	0.96	1	04/15/15 07:14	04/16/15 02:34	7782-49-2	
Silver	ND	mg/kg	0.48	1	04/15/15 07:14	04/16/15 02:34	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:33	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	207-08-9	
Chrysene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	53-70-3	
Fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	91-20-3	
Phenanthrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	85-01-8	
Pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/17/15 02:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	38-110	1	04/15/15 10:35	04/17/15 02:54	321-60-8	
p-Terphenyl-d14 (S)	83	%.	32-111	1	04/15/15 10:35	04/17/15 02:54	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.089	1		04/16/15 17:22	67-64-1	
Acrolein	ND	mg/kg	0.089	1		04/16/15 17:22	107-02-8	
Acrylonitrile	ND	mg/kg	0.089	1		04/16/15 17:22	107-13-1	
Benzene	ND	mg/kg	0.0045	1		04/16/15 17:22	71-43-2	
Bromobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-86-1	
Bromochloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-27-4	
Bromoform	ND	mg/kg	0.0045	1		04/16/15 17:22	75-25-2	
Bromomethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 17:22	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	98-06-6	
Carbon disulfide	ND	mg/kg	0.0089	1		04/16/15 17:22	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0045	1		04/16/15 17:22	56-23-5	
Chlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-90-7	
Chloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-00-3	
Chloroform	ND	mg/kg	0.0045	1		04/16/15 17:22	67-66-3	
Chloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0045	1		04/16/15 17:22	106-93-4	
Dibromomethane	ND	mg/kg	0.0045	1		04/16/15 17:22	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.089	1		04/16/15 17:22	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	1		04/16/15 17:22	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.089	1		04/16/15 17:22	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0045	1		04/16/15 17:22	87-68-3	
n-Hexane	ND	mg/kg	0.0045	1		04/16/15 17:22	110-54-3	
2-Hexanone	ND	mg/kg	0.089	1		04/16/15 17:22	591-78-6	
Iodomethane	ND	mg/kg	0.089	1		04/16/15 17:22	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0045	1		04/16/15 17:22	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0045	1		04/16/15 17:22	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 17:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 17:22	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0045	1		04/16/15 17:22	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	103-65-1	
Styrene	ND	mg/kg	0.0045	1		04/16/15 17:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7(24-26) **Lab ID: 50116587014** Collected: 04/14/15 09:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0045	1		04/16/15 17:22	79-00-5	
Trichloroethene	ND	mg/kg	0.0045	1		04/16/15 17:22	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0045	1		04/16/15 17:22	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0045	1		04/16/15 17:22	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	1		04/16/15 17:22	108-67-8	
Vinyl acetate	ND	mg/kg	0.089	1		04/16/15 17:22	108-05-4	
Vinyl chloride	ND	mg/kg	0.0045	1		04/16/15 17:22	75-01-4	
Xylene (Total)	ND	mg/kg	0.0089	1		04/16/15 17:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 17:22	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		04/16/15 17:22	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	56-144	1		04/16/15 17:22	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.9**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-38-2	
Barium	**13.4**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:36	7440-43-9	
Chromium	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7440-47-3	
Lead	**3.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:36	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:36	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.23	1	04/20/15 14:55	04/21/15 10:35	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	207-08-9	
Chrysene	**0.0068**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	53-70-3	
Fluoranthene	**0.0064**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	91-20-3	
Phenanthrene	**0.0071**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	85-01-8	
Pyrene	**0.0059**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:17	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	38-110	1	04/15/15 10:35	04/20/15 18:17	321-60-8	
p-Terphenyl-d14 (S)	71	%.	32-111	1	04/15/15 10:35	04/20/15 18:17	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.088	1		04/16/15 17:59	67-64-1	
Acrolein	ND	mg/kg	0.088	1		04/16/15 17:59	107-02-8	
Acrylonitrile	ND	mg/kg	0.088	1		04/16/15 17:59	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 17:59	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 17:59	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 17:59	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	98-06-6	
Carbon disulfide	ND	mg/kg	0.0088	1		04/16/15 17:59	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 17:59	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 17:59	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 17:59	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 17:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.088	1		04/16/15 17:59	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 17:59	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.088	1		04/16/15 17:59	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 17:59	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 17:59	110-54-3	
2-Hexanone	ND	mg/kg	0.088	1		04/16/15 17:59	591-78-6	
Iodomethane	ND	mg/kg	0.088	1		04/16/15 17:59	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 17:59	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 17:59	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 17:59	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 17:59	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(0-4) **Lab ID: 50116587015** Collected: 04/14/15 09:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 17:59	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 17:59	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 17:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 17:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 17:59	108-67-8	
Vinyl acetate	ND	mg/kg	0.088	1		04/16/15 17:59	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 17:59	75-01-4	
Xylene (Total)	ND	mg/kg	0.0088	1		04/16/15 17:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 17:59	1868-53-7	
Toluene-d8 (S)	103	%.	71-128	1		04/16/15 17:59	2037-26-5	
4-Bromofluorobenzene (S)	89	%.	56-144	1		04/16/15 17:59	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.8**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-38-2	
Barium	**12.0**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:38	7440-43-9	
Chromium	**4.8**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7440-47-3	
Lead	**3.2**	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7439-92-1	
Selenium	ND	mg/kg	0.91	1	04/15/15 07:14	04/16/15 02:38	7782-49-2	
Silver	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:38	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:37	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:05	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	38-110	1	04/15/15 10:35	04/17/15 16:05	321-60-8	
p-Terphenyl-d14 (S)	79	%.	32-111	1	04/15/15 10:35	04/17/15 16:05	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.084	1		04/16/15 18:36	67-64-1	
Acrolein	ND	mg/kg	0.084	1		04/16/15 18:36	107-02-8	
Acrylonitrile	ND	mg/kg	0.084	1		04/16/15 18:36	107-13-1	
Benzene	ND	mg/kg	0.0042	1		04/16/15 18:36	71-43-2	
Bromobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-86-1	
Bromochloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-27-4	
Bromoform	ND	mg/kg	0.0042	1		04/16/15 18:36	75-25-2	
Bromomethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 18:36	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	98-06-6	
Carbon disulfide	ND	mg/kg	0.0084	1		04/16/15 18:36	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0042	1		04/16/15 18:36	56-23-5	
Chlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-90-7	
Chloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-00-3	
Chloroform	ND	mg/kg	0.0042	1		04/16/15 18:36	67-66-3	
Chloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0042	1		04/16/15 18:36	106-93-4	
Dibromomethane	ND	mg/kg	0.0042	1		04/16/15 18:36	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.084	1		04/16/15 18:36	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0042	1		04/16/15 18:36	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.084	1		04/16/15 18:36	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0042	1		04/16/15 18:36	87-68-3	
n-Hexane	ND	mg/kg	0.0042	1		04/16/15 18:36	110-54-3	
2-Hexanone	ND	mg/kg	0.084	1		04/16/15 18:36	591-78-6	
Iodomethane	ND	mg/kg	0.084	1		04/16/15 18:36	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0042	1		04/16/15 18:36	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0042	1		04/16/15 18:36	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 18:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 18:36	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0042	1		04/16/15 18:36	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	103-65-1	
Styrene	ND	mg/kg	0.0042	1		04/16/15 18:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8(24-26) **Lab ID: 50116587016** Collected: 04/14/15 10:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0042	1		04/16/15 18:36	79-00-5	
Trichloroethene	ND	mg/kg	0.0042	1		04/16/15 18:36	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0042	1		04/16/15 18:36	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0042	1		04/16/15 18:36	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0042	1		04/16/15 18:36	108-67-8	
Vinyl acetate	ND	mg/kg	0.084	1		04/16/15 18:36	108-05-4	
Vinyl chloride	ND	mg/kg	0.0042	1		04/16/15 18:36	75-01-4	
Xylene (Total)	ND	mg/kg	0.0084	1		04/16/15 18:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	85-118	1		04/16/15 18:36	1868-53-7	
Toluene-d8 (S)	101	%.	71-128	1		04/16/15 18:36	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	56-144	1		04/16/15 18:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**6.1**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-38-2	
Barium	**14.8**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-39-3	
Cadmium	ND	mg/kg	0.43	1	04/15/15 07:14	04/16/15 02:40	7440-43-9	
Chromium	**5.0**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7440-47-3	
Lead	**4.5**	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7439-92-1	
Selenium	ND	mg/kg	0.87	1	04/15/15 07:14	04/16/15 02:40	7782-49-2	
Silver	ND	mg/kg	0.43	1	04/15/15 07:14	04/16/15 02:40	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:46	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	83-32-9	
Acenaphthylene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	208-96-8	
Anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	120-12-7	
Benzo(a)anthracene	**0.010**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	56-55-3	
Benzo(a)pyrene	**0.0098**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	50-32-8	
Benzo(b)fluoranthene	**0.011**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	205-99-2	
Benzo(g,h,i)perylene	**0.0097**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	191-24-2	
Benzo(k)fluoranthene	**0.0089**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	207-08-9	
Chrysene	**0.017**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	53-70-3	
Fluoranthene	**0.024**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	206-44-0	
Fluorene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0064**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	193-39-5	
1-Methylnaphthalene	**0.0062**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	90-12-0	
2-Methylnaphthalene	**0.0074**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	91-57-6	
Naphthalene	ND	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	91-20-3	
Phenanthrene	**0.018**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	85-01-8	
Pyrene	**0.021**	mg/kg	0.0052	1	04/15/15 10:35	04/20/15 18:35	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	38-110	1	04/15/15 10:35	04/20/15 18:35	321-60-8	
p-Terphenyl-d14 (S)	58	%.	32-111	1	04/15/15 10:35	04/20/15 18:35	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.083	1		04/16/15 19:13	67-64-1	
Acrolein	ND	mg/kg	0.083	1		04/16/15 19:13	107-02-8	
Acrylonitrile	ND	mg/kg	0.083	1		04/16/15 19:13	107-13-1	
Benzene	ND	mg/kg	0.0041	1		04/16/15 19:13	71-43-2	
Bromobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-86-1	
Bromochloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-27-4	
Bromoform	ND	mg/kg	0.0041	1		04/16/15 19:13	75-25-2	
Bromomethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 19:13	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	98-06-6	
Carbon disulfide	ND	mg/kg	0.0083	1		04/16/15 19:13	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0041	1		04/16/15 19:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-90-7	
Chloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-00-3	
Chloroform	ND	mg/kg	0.0041	1		04/16/15 19:13	67-66-3	
Chloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0041	1		04/16/15 19:13	106-93-4	
Dibromomethane	ND	mg/kg	0.0041	1		04/16/15 19:13	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.083	1		04/16/15 19:13	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0041	1		04/16/15 19:13	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.083	1		04/16/15 19:13	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0041	1		04/16/15 19:13	87-68-3	
n-Hexane	ND	mg/kg	0.0041	1		04/16/15 19:13	110-54-3	
2-Hexanone	ND	mg/kg	0.083	1		04/16/15 19:13	591-78-6	
Iodomethane	ND	mg/kg	0.083	1		04/16/15 19:13	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0041	1		04/16/15 19:13	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0041	1		04/16/15 19:13	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 19:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 19:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0041	1		04/16/15 19:13	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	103-65-1	
Styrene	ND	mg/kg	0.0041	1		04/16/15 19:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(0-4) **Lab ID: 50116587017** Collected: 04/14/15 10:40 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0041	1		04/16/15 19:13	79-00-5	
Trichloroethene	ND	mg/kg	0.0041	1		04/16/15 19:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0041	1		04/16/15 19:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0041	1		04/16/15 19:13	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0041	1		04/16/15 19:13	108-67-8	
Vinyl acetate	ND	mg/kg	0.083	1		04/16/15 19:13	108-05-4	
Vinyl chloride	ND	mg/kg	0.0041	1		04/16/15 19:13	75-01-4	
Xylene (Total)	ND	mg/kg	0.0083	1		04/16/15 19:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 19:13	1868-53-7	
Toluene-d8 (S)	102	%.	71-128	1		04/16/15 19:13	2037-26-5	
4-Bromofluorobenzene (S)	87	%.	56-144	1		04/16/15 19:13	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.2**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.4**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-38-2	
Barium	**7.4**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-39-3	
Cadmium	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:43	7440-43-9	
Chromium	**3.6**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7440-47-3	
Lead	**3.8**	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7439-92-1	
Selenium	ND	mg/kg	0.92	1	04/15/15 07:14	04/16/15 02:43	7782-49-2	
Silver	ND	mg/kg	0.46	1	04/15/15 07:14	04/16/15 02:43	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.20	1	04/20/15 14:55	04/21/15 10:48	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	208-96-8	
Anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	207-08-9	
Chrysene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	53-70-3	
Fluoranthene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	206-44-0	
Fluorene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	91-57-6	
Naphthalene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	91-20-3	
Phenanthrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	85-01-8	
Pyrene	ND	mg/kg	0.0051	1	04/15/15 10:35	04/17/15 16:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	38-110	1	04/15/15 10:35	04/17/15 16:38	321-60-8	
p-Terphenyl-d14 (S)	68	%.	32-111	1	04/15/15 10:35	04/17/15 16:38	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.089	1		04/16/15 19:50	67-64-1	
Acrolein	ND	mg/kg	0.089	1		04/16/15 19:50	107-02-8	
Acrylonitrile	ND	mg/kg	0.089	1		04/16/15 19:50	107-13-1	
Benzene	ND	mg/kg	0.0044	1		04/16/15 19:50	71-43-2	
Bromobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-27-4	
Bromoform	ND	mg/kg	0.0044	1		04/16/15 19:50	75-25-2	
Bromomethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.022	1		04/16/15 19:50	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	98-06-6	
Carbon disulfide	ND	mg/kg	0.0089	1		04/16/15 19:50	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0044	1		04/16/15 19:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-90-7	
Chloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-00-3	
Chloroform	ND	mg/kg	0.0044	1		04/16/15 19:50	67-66-3	
Chloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0044	1		04/16/15 19:50	106-93-4	
Dibromomethane	ND	mg/kg	0.0044	1		04/16/15 19:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.089	1		04/16/15 19:50	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	1		04/16/15 19:50	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.089	1		04/16/15 19:50	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0044	1		04/16/15 19:50	87-68-3	
n-Hexane	ND	mg/kg	0.0044	1		04/16/15 19:50	110-54-3	
2-Hexanone	ND	mg/kg	0.089	1		04/16/15 19:50	591-78-6	
Iodomethane	ND	mg/kg	0.089	1		04/16/15 19:50	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0044	1		04/16/15 19:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0044	1		04/16/15 19:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.018	1		04/16/15 19:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.022	1		04/16/15 19:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0044	1		04/16/15 19:50	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	103-65-1	
Styrene	ND	mg/kg	0.0044	1		04/16/15 19:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9(24-26) **Lab ID: 50116587018** Collected: 04/14/15 11:05 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0044	1		04/16/15 19:50	79-00-5	
Trichloroethene	ND	mg/kg	0.0044	1		04/16/15 19:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0044	1		04/16/15 19:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0044	1		04/16/15 19:50	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	1		04/16/15 19:50	108-67-8	
Vinyl acetate	ND	mg/kg	0.089	1		04/16/15 19:50	108-05-4	
Vinyl chloride	ND	mg/kg	0.0044	1		04/16/15 19:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.0089	1		04/16/15 19:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	85-118	1		04/16/15 19:50	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 19:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	56-144	1		04/16/15 19:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**2.4**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.4**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-38-2	
Barium	**68.1**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-39-3	
Cadmium	ND	mg/kg	0.54	1	04/15/15 07:14	04/16/15 02:45	7440-43-9	
Chromium	**9.5**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7440-47-3	
Lead	**10.8**	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7439-92-1	
Selenium	ND	mg/kg	1.1	1	04/15/15 07:14	04/16/15 02:45	7782-49-2	
Silver	ND	mg/kg	0.54	1	04/15/15 07:14	04/16/15 02:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.25	1	04/20/15 14:55	04/21/15 10:50	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	04/15/15 10:35	04/17/15 16:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	38-110	1	04/15/15 10:35	04/17/15 16:55	321-60-8	
p-Terphenyl-d14 (S)	75	%.	32-111	1	04/15/15 10:35	04/17/15 16:55	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.085	1		04/16/15 18:18	67-64-1	
Acrolein	ND	mg/kg	0.085	1		04/16/15 18:18	107-02-8	
Acrylonitrile	ND	mg/kg	0.085	1		04/16/15 18:18	107-13-1	
Benzene	ND	mg/kg	0.0043	1		04/16/15 18:18	71-43-2	
Bromobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-86-1	
Bromochloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-27-4	
Bromoform	ND	mg/kg	0.0043	1		04/16/15 18:18	75-25-2	
Bromomethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.021	1		04/16/15 18:18	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	98-06-6	
Carbon disulfide	ND	mg/kg	0.0085	1		04/16/15 18:18	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0043	1		04/16/15 18:18	56-23-5	
Chlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-90-7	
Chloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-00-3	
Chloroform	ND	mg/kg	0.0043	1		04/16/15 18:18	67-66-3	
Chloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0043	1		04/16/15 18:18	106-93-4	
Dibromomethane	ND	mg/kg	0.0043	1		04/16/15 18:18	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.085	1		04/16/15 18:18	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	1		04/16/15 18:18	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.085	1		04/16/15 18:18	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0043	1		04/16/15 18:18	87-68-3	
n-Hexane	ND	mg/kg	0.0043	1		04/16/15 18:18	110-54-3	
2-Hexanone	ND	mg/kg	0.085	1		04/16/15 18:18	591-78-6	
Iodomethane	ND	mg/kg	0.085	1		04/16/15 18:18	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0043	1		04/16/15 18:18	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0043	1		04/16/15 18:18	99-87-6	
Methylene Chloride	ND	mg/kg	0.017	1		04/16/15 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.021	1		04/16/15 18:18	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0043	1		04/16/15 18:18	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	103-65-1	
Styrene	ND	mg/kg	0.0043	1		04/16/15 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(0-4) **Lab ID: 50116587019** Collected: 04/14/15 11:55 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0043	1		04/16/15 18:18	79-00-5	
Trichloroethene	ND	mg/kg	0.0043	1		04/16/15 18:18	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0043	1		04/16/15 18:18	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0043	1		04/16/15 18:18	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	1		04/16/15 18:18	108-67-8	
Vinyl acetate	ND	mg/kg	0.085	1		04/16/15 18:18	108-05-4	
Vinyl chloride	ND	mg/kg	0.0043	1		04/16/15 18:18	75-01-4	
Xylene (Total)	ND	mg/kg	0.0085	1		04/16/15 18:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 18:18	1868-53-7	
Toluene-d8 (S)	92	%.	71-128	1		04/16/15 18:18	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	56-144	1		04/16/15 18:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.6**	%	0.10	1		04/15/15 16:28		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.5**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-38-2	
Barium	**9.1**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-39-3	
Cadmium	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:47	7440-43-9	
Chromium	**4.3**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7440-47-3	
Lead	**3.6**	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7439-92-1	
Selenium	ND	mg/kg	0.88	1	04/15/15 07:14	04/16/15 02:47	7782-49-2	
Silver	ND	mg/kg	0.44	1	04/15/15 07:14	04/16/15 02:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.21	1	04/20/15 14:55	04/21/15 10:52	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	83-32-9	
Acenaphthylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	208-96-8	
Anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	207-08-9	
Chrysene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	53-70-3	
Fluoranthene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	206-44-0	
Fluorene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	91-57-6	
Naphthalene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	91-20-3	
Phenanthrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	85-01-8	
Pyrene	ND	mg/kg	0.0053	1	04/15/15 10:35	04/17/15 17:11	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	38-110	1	04/15/15 10:35	04/17/15 17:11	321-60-8	
p-Terphenyl-d14 (S)	79	%.	32-111	1	04/15/15 10:35	04/17/15 17:11	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 18:55	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 18:55	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 18:55	107-13-1	
Benzene	ND	mg/kg	0.0051	1		04/16/15 18:55	71-43-2	
Bromobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-86-1	
Bromochloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-27-4	
Bromoform	ND	mg/kg	0.0051	1		04/16/15 18:55	75-25-2	
Bromomethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.026	1		04/16/15 18:55	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 18:55	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0051	1		04/16/15 18:55	56-23-5	
Chlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-90-7	
Chloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-00-3	
Chloroform	ND	mg/kg	0.0051	1		04/16/15 18:55	67-66-3	
Chloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0051	1		04/16/15 18:55	106-93-4	
Dibromomethane	ND	mg/kg	0.0051	1		04/16/15 18:55	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 18:55	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0051	1		04/16/15 18:55	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 18:55	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0051	1		04/16/15 18:55	87-68-3	
n-Hexane	ND	mg/kg	0.0051	1		04/16/15 18:55	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 18:55	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 18:55	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0051	1		04/16/15 18:55	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0051	1		04/16/15 18:55	99-87-6	
Methylene Chloride	ND	mg/kg	0.021	1		04/16/15 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.026	1		04/16/15 18:55	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0051	1		04/16/15 18:55	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	103-65-1	
Styrene	ND	mg/kg	0.0051	1		04/16/15 18:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10(24-26) **Lab ID: 50116587020** Collected: 04/14/15 12:10 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0051	1		04/16/15 18:55	79-00-5	
Trichloroethene	ND	mg/kg	0.0051	1		04/16/15 18:55	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0051	1		04/16/15 18:55	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0051	1		04/16/15 18:55	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0051	1		04/16/15 18:55	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 18:55	108-05-4	
Vinyl chloride	ND	mg/kg	0.0051	1		04/16/15 18:55	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 18:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	85-118	1		04/16/15 18:55	1868-53-7	
Toluene-d8 (S)	96	%.	71-128	1		04/16/15 18:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	56-144	1		04/16/15 18:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.7**	%	0.10	1		04/15/15 16:29		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.0**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-38-2	
Barium	**138**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-39-3	
Cadmium	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:49	7440-43-9	
Chromium	**11.8**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7440-47-3	
Lead	**92.6**	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7439-92-1	
Selenium	ND	mg/kg	1.0	1	04/15/15 07:14	04/16/15 02:49	7782-49-2	
Silver	ND	mg/kg	0.52	1	04/15/15 07:14	04/16/15 02:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.47**	mg/kg	0.23	1	04/20/15 14:57	04/21/15 11:16	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Acenaphthene	**0.014**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	83-32-9	
Acenaphthylene	**0.11**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	208-96-8	
Anthracene	**0.13**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	120-12-7	
Benzo(a)anthracene	**0.40**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	56-55-3	
Benzo(a)pyrene	**0.41**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	50-32-8	
Benzo(b)fluoranthene	**0.39**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	205-99-2	
Benzo(g,h,i)perylene	**0.24**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	191-24-2	
Benzo(k)fluoranthene	**0.40**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	207-08-9	
Chrysene	**0.43**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	218-01-9	
Dibenz(a,h)anthracene	**0.14**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	53-70-3	
Fluoranthene	**0.85**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	206-44-0	
Fluorene	**0.060**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.24**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	193-39-5	
1-Methylnaphthalene	**0.044**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	90-12-0	
2-Methylnaphthalene	**0.042**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	91-57-6	
Naphthalene	**0.075**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	91-20-3	
Phenanthrene	**0.70**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	85-01-8	
Pyrene	**0.67**	mg/kg	0.0058	1	04/15/15 11:09	04/16/15 17:06	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	38-110	1	04/15/15 11:09	04/16/15 17:06	321-60-8	
p-Terphenyl-d14 (S)	83	%.	32-111	1	04/15/15 11:09	04/16/15 17:06	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.12	1		04/16/15 19:31	67-64-1	
Acrolein	ND	mg/kg	0.12	1		04/16/15 19:31	107-02-8	
Acrylonitrile	ND	mg/kg	0.12	1		04/16/15 19:31	107-13-1	
Benzene	ND	mg/kg	0.0058	1		04/16/15 19:31	71-43-2	
Bromobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-86-1	
Bromochloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-27-4	
Bromoform	ND	mg/kg	0.0058	1		04/16/15 19:31	75-25-2	
Bromomethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.029	1		04/16/15 19:31	78-93-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
n-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	98-06-6	
Carbon disulfide	ND	mg/kg	0.012	1		04/16/15 19:31	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0058	1		04/16/15 19:31	56-23-5	
Chlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-90-7	
Chloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-00-3	
Chloroform	ND	mg/kg	0.0058	1		04/16/15 19:31	67-66-3	
Chloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0058	1		04/16/15 19:31	106-93-4	
Dibromomethane	ND	mg/kg	0.0058	1		04/16/15 19:31	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.12	1		04/16/15 19:31	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0058	1		04/16/15 19:31	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.12	1		04/16/15 19:31	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0058	1		04/16/15 19:31	87-68-3	
n-Hexane	ND	mg/kg	0.0058	1		04/16/15 19:31	110-54-3	
2-Hexanone	ND	mg/kg	0.12	1		04/16/15 19:31	591-78-6	
Iodomethane	ND	mg/kg	0.12	1		04/16/15 19:31	74-88-4	
Isopropylbenzene (Cumene)	ND	mg/kg	0.0058	1		04/16/15 19:31	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0058	1		04/16/15 19:31	99-87-6	
Methylene Chloride	ND	mg/kg	0.023	1		04/16/15 19:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.029	1		04/16/15 19:31	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0058	1		04/16/15 19:31	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	103-65-1	
Styrene	ND	mg/kg	0.0058	1		04/16/15 19:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	127-18-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587021** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Toluene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0058	1		04/16/15 19:31	79-00-5	
Trichloroethene	ND	mg/kg	0.0058	1		04/16/15 19:31	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0058	1		04/16/15 19:31	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0058	1		04/16/15 19:31	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0058	1		04/16/15 19:31	108-67-8	
Vinyl acetate	ND	mg/kg	0.12	1		04/16/15 19:31	108-05-4	
Vinyl chloride	ND	mg/kg	0.0058	1		04/16/15 19:31	75-01-4	
Xylene (Total)	ND	mg/kg	0.012	1		04/16/15 19:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 19:31	1868-53-7	
Toluene-d8 (S)	94	%.	71-128	1		04/16/15 19:31	2037-26-5	
4-Bromofluorobenzene (S)	95	%.	56-144	1		04/16/15 19:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.0**	%	0.10	1		04/15/15 16:09		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587022** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	mg/kg	0.10	1		04/16/15 20:08	67-64-1	
Acrolein	ND	mg/kg	0.10	1		04/16/15 20:08	107-02-8	
Acrylonitrile	ND	mg/kg	0.10	1		04/16/15 20:08	107-13-1	
Benzene	ND	mg/kg	0.0050	1		04/16/15 20:08	71-43-2	
Bromobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-86-1	
Bromochloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-97-5	
Bromodichloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-27-4	
Bromoform	ND	mg/kg	0.0050	1		04/16/15 20:08	75-25-2	
Bromomethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.025	1		04/16/15 20:08	78-93-3	
n-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	98-06-6	
Carbon disulfide	ND	mg/kg	0.010	1		04/16/15 20:08	75-15-0	
Carbon tetrachloride	ND	mg/kg	0.0050	1		04/16/15 20:08	56-23-5	
Chlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-90-7	
Chloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-00-3	
Chloroform	ND	mg/kg	0.0050	1		04/16/15 20:08	67-66-3	
Chloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	106-43-4	
Dibromochloromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.0050	1		04/16/15 20:08	106-93-4	
Dibromomethane	ND	mg/kg	0.0050	1		04/16/15 20:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	mg/kg	0.10	1		04/16/15 20:08	110-57-6	
Dichlorodifluoromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	156-60-5	
1,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	1		04/16/15 20:08	10061-02-6	
Ethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	100-41-4	
Ethyl methacrylate	ND	mg/kg	0.10	1		04/16/15 20:08	97-63-2	
Hexachloro-1,3-butadiene	ND	mg/kg	0.0050	1		04/16/15 20:08	87-68-3	
n-Hexane	ND	mg/kg	0.0050	1		04/16/15 20:08	110-54-3	
2-Hexanone	ND	mg/kg	0.10	1		04/16/15 20:08	591-78-6	
Iodomethane	ND	mg/kg	0.10	1		04/16/15 20:08	74-88-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587022** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND	mg/kg	0.0050	1		04/16/15 20:08	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.0050	1		04/16/15 20:08	99-87-6	
Methylene Chloride	ND	mg/kg	0.020	1		04/16/15 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.025	1		04/16/15 20:08	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.0050	1		04/16/15 20:08	1634-04-4	
n-Propylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	103-65-1	
Styrene	ND	mg/kg	0.0050	1		04/16/15 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	79-34-5	
Tetrachloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	127-18-4	
Toluene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.0050	1		04/16/15 20:08	79-00-5	
Trichloroethene	ND	mg/kg	0.0050	1		04/16/15 20:08	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.0050	1		04/16/15 20:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.0050	1		04/16/15 20:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	1		04/16/15 20:08	108-67-8	
Vinyl acetate	ND	mg/kg	0.10	1		04/16/15 20:08	108-05-4	
Vinyl chloride	ND	mg/kg	0.0050	1		04/16/15 20:08	75-01-4	
Xylene (Total)	ND	mg/kg	0.010	1		04/16/15 20:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	85-118	1		04/16/15 20:08	1868-53-7	
Toluene-d8 (S)	92	%.	71-128	1		04/16/15 20:08	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	56-144	1		04/16/15 20:08	460-00-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-38-2	
Barium	**6760**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-39-3	
Cadmium	**10.7**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:31	7440-43-9	
Chromium	**779**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-47-3	
Lead	**806**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7439-92-1	
Selenium	**89.2**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:31	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:05	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 22:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:16	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	21-114	1	04/17/15 09:25	04/17/15 22:16	321-60-8	
p-Terphenyl-d14 (S)	79	%.	25-131	1	04/17/15 09:25	04/17/15 22:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 05:49	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 05:49	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 05:49	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 05:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 05:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 05:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 05:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 05:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 05:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 05:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 05:49	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 05:49	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 05:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 05:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 05:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 05:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 05:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 05:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 05:49	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 05:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 05:49	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 05:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 05:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 05:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 05:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 05:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 05:49	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 05:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:49	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 05:49	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 05:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-1W **Lab ID: 50116587023** Collected: 04/13/15 10:05 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:49	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 05:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 05:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 05:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:49	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 05:49	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 05:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 05:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	79-116	1		04/16/15 05:49	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 05:49	460-00-4	
Toluene-d8 (S)	103	%.	81-110	1		04/16/15 05:49	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:45	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**264**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-38-2	
Barium	**1670**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-39-3	
Cadmium	**5.6**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:46	7440-43-9	
Chromium	**354**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-47-3	
Lead	**470**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7439-92-1	
Selenium	**112**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:46	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:11	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 22:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 22:56	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 22:56	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	21-114	1	04/17/15 09:25	04/17/15 22:56	321-60-8	
p-Terphenyl-d14 (S)	82	%.	25-131	1	04/17/15 09:25	04/17/15 22:56	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:00	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:00	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:00	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:00	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:00	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:00	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:00	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:00	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:00	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:00	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:00	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:00	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:00	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:00	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:00	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:00	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:00	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:00	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:00	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:00	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:00	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:00	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:00	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-2W **Lab ID: 50116587024** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:00	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:00	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:00	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:00	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	96	%.	79-116	1		04/16/15 02:00	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 02:00	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 02:00	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:55	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**992**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-38-2	
Barium	**8750**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-39-3	
Cadmium	**15.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:48	7440-43-9	
Chromium	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-47-3	
Lead	**938**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7439-92-1	
Selenium	**374**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:48	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.1**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:13	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:09	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:09	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	53	%.	21-114	1	04/17/15 09:25	04/17/15 23:09	321-60-8	
p-Terphenyl-d14 (S)	76	%.	25-131	1	04/17/15 09:25	04/17/15 23:09	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:25	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:25	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:25	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:25	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:25	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:25	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:25	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:25	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:25	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:25	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:25	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:25	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:25	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:25	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:25	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:25	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-3W **Lab ID: 50116587025** Collected: 04/13/15 13:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:25	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	79-116	1		04/16/15 02:25	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 02:25	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 02:25	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 13:57	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**705**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-38-2	
Barium	**2570**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-39-3	
Cadmium	**13.2**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:50	7440-43-9	
Chromium	**609**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-47-3	
Lead	**1380**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7439-92-1	
Selenium	**52.4**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:50	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.3**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:15	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:23	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:23	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	21-114	1	04/17/15 09:25	04/17/15 23:23	321-60-8	
p-Terphenyl-d14 (S)	69	%.	25-131	1	04/17/15 09:25	04/17/15 23:23	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 02:51	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 02:51	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 02:51	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 02:51	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 02:51	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 02:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 02:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 02:51	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 02:51	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 02:51	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 02:51	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 02:51	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 02:51	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:51	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 02:51	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 02:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 02:51	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 02:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 02:51	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 02:51	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 02:51	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 02:51	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 02:51	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 02:51	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 02:51	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 02:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 02:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 02:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 02:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 02:51	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 02:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 02:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 02:51	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 02:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-4W **Lab ID: 50116587026** Collected: 04/13/15 14:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 02:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 02:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 02:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 02:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 02:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 02:51	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 02:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 02:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 02:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	79-116	1		04/16/15 02:51	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 02:51	460-00-4	
Toluene-d8 (S)	102	%.	81-110	1		04/16/15 02:51	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:03	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**948**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-38-2	
Barium	**5220**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-39-3	
Cadmium	**13.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:53	7440-43-9	
Chromium	**942**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7440-47-3	
Lead	**1720**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7439-92-1	
Selenium	**109**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:53	7782-49-2	
Silver	ND	ug/L	50.0	5	04/16/15 08:21	04/20/15 12:10	7440-22-4	D3
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**4.7**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:17	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:36	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%.	21-114	1	04/17/15 09:25	04/17/15 23:36	321-60-8	
p-Terphenyl-d14 (S)	77	%.	25-131	1	04/17/15 09:25	04/17/15 23:36	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 03:16	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 03:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 03:16	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 03:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 03:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 03:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 03:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 03:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 03:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 03:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 03:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 03:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 03:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 03:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 03:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 03:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 03:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 03:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 03:16	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 03:16	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 03:16	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 03:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 03:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 03:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 03:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 03:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 03:16	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 03:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 03:16	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 03:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-5W **Lab ID: 50116587027** Collected: 04/13/15 15:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 03:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 03:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 03:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 03:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 03:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 03:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-116	1		04/16/15 03:16	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 03:16	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 03:16	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:06	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**896**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-38-2	
Barium	**4570**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-39-3	
Cadmium	**9.1**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:56	7440-43-9	
Chromium	**751**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-47-3	
Lead	**762**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7439-92-1	
Selenium	**499**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:56	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:19	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/17/15 23:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/17/15 23:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/17/15 23:49	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	28	%.	21-114	1	04/17/15 09:25	04/17/15 23:49	321-60-8	
p-Terphenyl-d14 (S)	75	%.	25-131	1	04/17/15 09:25	04/17/15 23:49	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 03:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 03:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 03:42	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 03:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 03:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 03:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 03:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 03:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 03:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 03:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 03:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 03:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 03:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 03:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 03:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 03:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 03:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 03:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 03:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 03:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 03:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 03:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 03:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 03:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 03:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 03:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 03:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 03:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 03:42	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 03:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 03:42	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 03:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-6W **Lab ID: 50116587028** Collected: 04/13/15 16:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 03:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 03:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 03:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 03:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 03:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 03:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 03:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 03:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 03:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-116	1		04/16/15 03:42	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	80-114	1		04/16/15 03:42	460-00-4	
Toluene-d8 (S)	99	%.	81-110	1		04/16/15 03:42	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:17	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1530**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-38-2	
Barium	**4850**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-39-3	
Cadmium	**13.9**	ug/L	2.0	1	04/16/15 08:21	04/17/15 14:58	7440-43-9	
Chromium	**1060**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-47-3	
Lead	**1060**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7439-92-1	
Selenium	**285**	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 14:58	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**2.2**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:25	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:03	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	21-114	1	04/17/15 09:25	04/18/15 00:03	321-60-8	
p-Terphenyl-d14 (S)	77	%.	25-131	1	04/17/15 09:25	04/18/15 00:03	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:07	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:07	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:07	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:07	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:07	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:07	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:07	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:07	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:07	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:07	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:07	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-71-8	
1,1-Dichloroethane	**6.2**	ug/L	5.0	1		04/16/15 04:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:07	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:07	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:07	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:07	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:07	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:07	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:07	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-7W **Lab ID: 50116587029** Collected: 04/14/15 09:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:07	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:07	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:07	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	79-116	1		04/16/15 04:07	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 04:07	460-00-4	
Toluene-d8 (S)	104	%.	81-110	1		04/16/15 04:07	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:17	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1260**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-38-2	
Barium	**4920**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-39-3	
Cadmium	**10.6**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:01	7440-43-9	
Chromium	**532**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-47-3	
Lead	**992**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7439-92-1	
Selenium	**348**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:01	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:27	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:16	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	53	%.	21-114	1	04/17/15 09:25	04/18/15 00:16	321-60-8	
p-Terphenyl-d14 (S)	76	%.	25-131	1	04/17/15 09:25	04/18/15 00:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:33	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:33	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:33	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:33	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:33	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:33	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:33	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:33	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:33	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:33	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:33	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:33	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:33	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-8W **Lab ID: 50116587030** Collected: 04/14/15 10:15 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:33	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:33	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:33	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 04:33	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	80-114	1		04/16/15 04:33	460-00-4	
Toluene-d8 (S)	98	%.	81-110	1		04/16/15 04:33	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:19	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**1510**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-38-2	
Barium	**6410**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-39-3	
Cadmium	**32.0**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:03	7440-43-9	
Chromium	**2950**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-47-3	
Lead	**1810**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7439-92-1	
Selenium	**723**	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7782-49-2	
Silver	ND	ug/L	50.0	1	04/16/15 08:21	04/17/15 15:03	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:29	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:29	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:29	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	50	%.	21-114	1	04/17/15 09:25	04/18/15 00:29	321-60-8	
p-Terphenyl-d14 (S)	66	%.	25-131	1	04/17/15 09:25	04/18/15 00:29	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 04:58	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 04:58	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 04:58	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 04:58	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 04:58	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 04:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 04:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 04:58	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 04:58	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 04:58	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 04:58	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 04:58	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 04:58	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:58	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 04:58	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 04:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 04:58	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 04:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 04:58	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 04:58	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 04:58	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 04:58	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 04:58	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 04:58	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 04:58	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 04:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 04:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 04:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 04:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 04:58	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 04:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 04:58	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 04:58	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 04:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-9W **Lab ID: 50116587031** Collected: 04/14/15 11:20 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 04:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 04:58	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 04:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 04:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 04:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 04:58	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 04:58	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 04:58	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 04:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 04:58	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 04:58	460-00-4	
Toluene-d8 (S)	104	%.	81-110	1		04/16/15 04:58	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:26	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**2010**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-38-2	
Barium	**5730**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-39-3	
Cadmium	**26.0**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:05	7440-43-9	
Chromium	**853**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-47-3	
Lead	**1290**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7439-92-1	
Selenium	**148**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:05	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**6.4**	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:31	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:43	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:43	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%.	21-114	1	04/17/15 09:25	04/18/15 00:43	321-60-8	
p-Terphenyl-d14 (S)	83	%.	25-131	1	04/17/15 09:25	04/18/15 00:43	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 05:24	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 05:24	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 05:24	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 05:24	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 05:24	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 05:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 05:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 05:24	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 05:24	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 05:24	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 05:24	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 05:24	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 05:24	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:24	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 05:24	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 05:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 05:24	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 05:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 05:24	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 05:24	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 05:24	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 05:24	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 05:24	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 05:24	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 05:24	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 05:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 05:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 05:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 05:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 05:24	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 05:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 05:24	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 05:24	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 05:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: GP-10W **Lab ID: 50116587032** Collected: 04/14/15 12:25 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 05:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 05:24	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 05:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 05:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 05:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 05:24	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 05:24	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 05:24	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 05:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		04/16/15 05:24	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	80-114	1		04/16/15 05:24	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 05:24	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:27	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	**568**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-38-2	
Barium	**2900**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-39-3	
Cadmium	**10.1**	ug/L	2.0	1	04/16/15 08:21	04/17/15 15:08	7440-43-9	
Chromium	**561**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-47-3	
Lead	**894**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7439-92-1	
Selenium	**230**	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7782-49-2	
Silver	ND	ug/L	10.0	1	04/16/15 08:21	04/17/15 15:08	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	04/19/15 13:00	04/20/15 10:34	7439-97-6	
8270 MSSV PAHLV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/17/15 09:25	04/18/15 00:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/17/15 09:25	04/18/15 00:56	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/17/15 09:25	04/18/15 00:56	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	77	%.	21-114	1	04/17/15 09:25	04/18/15 00:56	321-60-8	
p-Terphenyl-d14 (S)	83	%.	25-131	1	04/17/15 09:25	04/18/15 00:56	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 15:28	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 15:28	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 15:28	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 15:28	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 15:28	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 15:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 15:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 15:28	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	104-51-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 15:28	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 15:28	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 15:28	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 15:28	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 15:28	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:28	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:28	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 15:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 15:28	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 15:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 15:28	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:28	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 15:28	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 15:28	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 15:28	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 15:28	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 15:28	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 15:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 15:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 15:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 15:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 15:28	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:28	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 15:28	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 15:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	87-61-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: DUP **Lab ID: 50116587033** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:28	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 15:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 15:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 15:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:28	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 15:28	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 15:28	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 15:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	79-116	1		04/16/15 15:28	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 15:28	460-00-4	
Toluene-d8 (S)	100	%.	81-110	1		04/16/15 15:28	2037-26-5	
7196 Chromium, Hex. Preserved	Analytical Method: EPA 7196							
Chromium, Hexavalent	ND	ug/L	10.0	1		04/15/15 14:27	18540-29-9	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587034** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		04/16/15 15:54	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/16/15 15:54	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/16/15 15:54	107-13-1	
Benzene	ND	ug/L	5.0	1		04/16/15 15:54	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/16/15 15:54	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/16/15 15:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/16/15 15:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/16/15 15:54	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/16/15 15:54	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/16/15 15:54	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/16/15 15:54	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/16/15 15:54	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/16/15 15:54	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:54	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/16/15 15:54	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/16/15 15:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/16/15 15:54	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/16/15 15:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/16/15 15:54	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/16/15 15:54	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/16/15 15:54	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/16/15 15:54	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/16/15 15:54	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/16/15 15:54	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/16/15 15:54	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/16/15 15:54	98-82-8	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Sample: TRIP BLANK **Lab ID: 50116587034** Collected: 04/13/15 08:00 Received: 04/14/15 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		04/16/15 15:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/16/15 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/16/15 15:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/16/15 15:54	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	103-65-1	
Styrene	ND	ug/L	5.0	1		04/16/15 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/16/15 15:54	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/16/15 15:54	127-18-4	
Toluene	ND	ug/L	5.0	1		04/16/15 15:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/16/15 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/16/15 15:54	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/16/15 15:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/16/15 15:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/16/15 15:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/16/15 15:54	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/16/15 15:54	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/16/15 15:54	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/16/15 15:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	79-116	1		04/16/15 15:54	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	80-114	1		04/16/15 15:54	460-00-4	
Toluene-d8 (S)	101	%.	81-110	1		04/16/15 15:54	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6285 — Analysis Method: EPA 7470
QC Batch Method: EPA 7470 — Analysis Description: 7470 Mercury
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1278573 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	2.0	04/20/15 09:44	

LABORATORY CONTROL SAMPLE: 1278574

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.8	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1278575 — 1278576

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.9	5.8	89	86	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6280 — Analysis Method: EPA 7471
QC Batch Method: EPA 7471 — Analysis Description: 7471 Mercury
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

METHOD BLANK: 1277405 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	04/21/15 09:52	

LABORATORY CONTROL SAMPLE: 1277406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.51	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277407 1277408

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.6	.6	0.64	0.65	99	101	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MERP/6281 — Analysis Method: EPA 7471
QC Batch Method: EPA 7471 — Analysis Description: 7471 Mercury
Associated Lab Samples: 50116587021

METHOD BLANK: 1277418 — Matrix: Solid
Associated Lab Samples: 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.20	04/21/15 10:54	

LABORATORY CONTROL SAMPLE: 1277419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277420 1277421

Parameter	Units	40113225001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.015J	.51	.52	0.51	0.54	98	101	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15907
QC Batch Method: EPA 3050
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 50116587001, 50116587002

METHOD BLANK: 1275320
Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	04/15/15 13:09	
Barium	mg/kg	ND	1.0	04/15/15 13:09	
Cadmium	mg/kg	ND	0.50	04/15/15 13:09	
Chromium	mg/kg	ND	1.0	04/15/15 13:09	
Lead	mg/kg	ND	1.0	04/15/15 13:09	
Selenium	mg/kg	ND	1.0	04/15/15 13:09	
Silver	mg/kg	ND	0.50	04/15/15 13:09	

LABORATORY CONTROL SAMPLE: 1275321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	50.9	102	80-120	
Barium	mg/kg	50	49.4	99	80-120	
Cadmium	mg/kg	50	49.7	99	80-120	
Chromium	mg/kg	50	49.6	99	80-120	
Lead	mg/kg	50	48.4	97	80-120	
Selenium	mg/kg	50	50.9	102	80-120	
Silver	mg/kg	25	23.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275322 1275323

Parameter	Units	50116587002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	4.1	44.4	48	49.0	52.4	101	101	75-125	7	20	
Barium	mg/kg	10.7	44.4	48	50.9	55.9	90	94	75-125	9	20	
Cadmium	mg/kg	ND	44.4	48	44.9	47.0	101	98	75-125	5	20	
Chromium	mg/kg	3.7	44.4	48	42.8	47.3	88	91	75-125	10	20	
Lead	mg/kg	3.9	44.4	48	40.6	43.8	83	83	75-125	8	20	
Selenium	mg/kg	ND	44.4	48	45.6	48.2	103	100	75-125	6	20	
Silver	mg/kg	ND	22.2	24	20.2	21.4	91	89	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15908 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020, 50116587021

METHOD BLANK: 1275326 Matrix: Solid
Associated Lab Samples: 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020, 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	04/16/15 01:49	
Barium	mg/kg	ND	1.0	04/16/15 01:49	
Cadmium	mg/kg	ND	0.50	04/16/15 01:49	
Chromium	mg/kg	ND	1.0	04/16/15 01:49	
Lead	mg/kg	ND	1.0	04/16/15 01:49	
Selenium	mg/kg	ND	1.0	04/16/15 01:49	
Silver	mg/kg	ND	0.50	04/16/15 01:49	

LABORATORY CONTROL SAMPLE: 1275327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.2	98	80-120	
Barium	mg/kg	50	47.1	94	80-120	
Cadmium	mg/kg	50	48.5	97	80-120	
Chromium	mg/kg	50	48.2	96	80-120	
Lead	mg/kg	50	46.2	92	80-120	
Selenium	mg/kg	50	48.2	96	80-120	
Silver	mg/kg	25	23.4	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275328 1275329

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	7.6	54	50.9	56.8	54.7	91	93	75-125	4	20	
Barium	mg/kg	69.0	54	50.9	123	119	101	99	75-125	3	20	
Cadmium	mg/kg	ND	54	50.9	49.7	47.0	92	92	75-125	6	20	
Chromium	mg/kg	13.1	54	50.9	64.2	60.6	95	93	75-125	6	20	
Lead	mg/kg	8.6	54	50.9	54.3	50.3	85	82	75-125	8	20	
Selenium	mg/kg	ND	54	50.9	47.5	45.3	88	89	75-125	5	20	
Silver	mg/kg	ND	26.9	25.4	23.1	21.9	86	86	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MPRP/15925 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1276234 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	ND	10.0	04/17/15 14:23	
Barium	ug/L	ND	10.0	04/17/15 14:23	
Cadmium	ug/L	ND	2.0	04/17/15 14:23	
Chromium	ug/L	ND	10.0	04/17/15 14:23	
Lead	ug/L	ND	10.0	04/17/15 14:23	
Selenium	ug/L	ND	10.0	04/17/15 14:23	
Silver	ug/L	ND	10.0	04/17/15 14:23	

LABORATORY CONTROL SAMPLE: 1276235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	940	94	80-120	
Barium	ug/L	1000	915	92	80-120	
Cadmium	ug/L	1000	921	92	80-120	
Chromium	ug/L	1000	885	88	80-120	
Lead	ug/L	1000	906	91	80-120	
Selenium	ug/L	1000	959	96	80-120	
Silver	ug/L	500	446	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276236 — 1276237

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	751	1000	1000	1700	1640	95	89	75-125	3	20	
Barium	ug/L	6760	1000	1000	7330	7530	57	77	75-125	3	20	P6
Cadmium	ug/L	10.7	1000	1000	944	907	93	90	75-125	4	20	
Chromium	ug/L	779	1000	1000	1470	1520	69	74	75-125	3	20	M3
Lead	ug/L	806	1000	1000	1500	1440	69	63	75-125	4	20	M3
Selenium	ug/L	89.2	1000	1000	1010	970	92	88	75-125	4	20	
Silver	ug/L	ND	500	500	401	406	80	81	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75650 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

METHOD BLANK: 1275957 Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
1,1-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichloroethane	ug/L	ND	5.0	04/15/15 22:35	
1,2-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
1,3-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
2,2-Dichloropropane	ug/L	ND	5.0	04/15/15 22:35	
2-Butanone (MEK)	ug/L	ND	25.0	04/15/15 22:35	
2-Chlorotoluene	ug/L	ND	5.0	04/15/15 22:35	
2-Hexanone	ug/L	ND	25.0	04/15/15 22:35	
4-Chlorotoluene	ug/L	ND	5.0	04/15/15 22:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/15/15 22:35	
Acetone	ug/L	ND	100	04/15/15 22:35	
Acrolein	ug/L	ND	50.0	04/15/15 22:35	
Acrylonitrile	ug/L	ND	100	04/15/15 22:35	
Benzene	ug/L	ND	5.0	04/15/15 22:35	
Bromobenzene	ug/L	ND	5.0	04/15/15 22:35	
Bromochloromethane	ug/L	ND	5.0	04/15/15 22:35	
Bromodichloromethane	ug/L	ND	5.0	04/15/15 22:35	
Bromoform	ug/L	ND	5.0	04/15/15 22:35	
Bromomethane	ug/L	ND	5.0	04/15/15 22:35	
Carbon disulfide	ug/L	ND	10.0	04/15/15 22:35	
Carbon tetrachloride	ug/L	ND	5.0	04/15/15 22:35	
Chlorobenzene	ug/L	ND	5.0	04/15/15 22:35	
Chloroethane	ug/L	ND	5.0	04/15/15 22:35	
Chloroform	ug/L	ND	5.0	04/15/15 22:35	
Chloromethane	ug/L	ND	5.0	04/15/15 22:35	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1275957 Matrix: Water

Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
Dibromochloromethane	ug/L	ND	5.0	04/15/15 22:35	
Dibromomethane	ug/L	ND	5.0	04/15/15 22:35	
Dichlorodifluoromethane	ug/L	ND	5.0	04/15/15 22:35	
Ethyl methacrylate	ug/L	ND	100	04/15/15 22:35	
Ethylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/15/15 22:35	
Iodomethane	ug/L	ND	10.0	04/15/15 22:35	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/15/15 22:35	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/15/15 22:35	
Methylene Chloride	ug/L	ND	5.0	04/15/15 22:35	
n-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
n-Hexane	ug/L	ND	5.0	04/15/15 22:35	
n-Propylbenzene	ug/L	ND	5.0	04/15/15 22:35	
p-Isopropyltoluene	ug/L	ND	5.0	04/15/15 22:35	
sec-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Styrene	ug/L	ND	5.0	04/15/15 22:35	
tert-Butylbenzene	ug/L	ND	5.0	04/15/15 22:35	
Tetrachloroethene	ug/L	ND	5.0	04/15/15 22:35	
Toluene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/15/15 22:35	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/15/15 22:35	
Trichloroethene	ug/L	ND	5.0	04/15/15 22:35	
Trichlorofluoromethane	ug/L	ND	5.0	04/15/15 22:35	
Vinyl acetate	ug/L	ND	50.0	04/15/15 22:35	
Vinyl chloride	ug/L	ND	2.0	04/15/15 22:35	
Xylene (Total)	ug/L	ND	10.0	04/15/15 22:35	
4-Bromofluorobenzene (S)	%.	99	80-114	04/15/15 22:35	
Dibromofluoromethane (S)	%.	102	79-116	04/15/15 22:35	
Toluene-d8 (S)	%.	105	81-110	04/15/15 22:35	

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.2	120	61-135	
1,1,1-Trichloroethane	ug/L	50	55.2	110	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	66-126	
1,1,2-Trichloroethane	ug/L	50	54.8	110	77-130	
1,1-Dichloroethane	ug/L	50	53.6	107	75-130	
1,1-Dichloroethene	ug/L	50	51.2	102	68-127	
1,1-Dichloropropene	ug/L	50	54.8	110	78-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	57.8	116	70-130	
1,2,3-Trichloropropane	ug/L	50	55.1	110	58-142	
1,2,4-Trichlorobenzene	ug/L	50	61.9	124	68-131	
1,2,4-Trimethylbenzene	ug/L	50	56.8	114	69-127	
1,2-Dibromoethane (EDB)	ug/L	50	56.5	113	76-125	
1,2-Dichlorobenzene	ug/L	50	53.9	108	75-123	
1,2-Dichloroethane	ug/L	50	53.6	107	75-128	
1,2-Dichloropropane	ug/L	50	55.2	110	74-121	
1,3,5-Trimethylbenzene	ug/L	50	56.3	113	70-126	
1,3-Dichlorobenzene	ug/L	50	54.8	110	74-122	
1,3-Dichloropropane	ug/L	50	57.0	114	74-123	
1,4-Dichlorobenzene	ug/L	50	55.6	111	76-120	
2,2-Dichloropropane	ug/L	50	46.1	92	50-137	
2-Butanone (MEK)	ug/L	250	285	114	58-139	
2-Chlorotoluene	ug/L	50	55.2	110	74-122	
2-Hexanone	ug/L	250	270	108	54-140	
4-Chlorotoluene	ug/L	50	55.1	110	77-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	271	108	58-138	
Acetone	ug/L	250	246	98	49-150	
Acrolein	ug/L	1000	1530	153	41-200	
Acrylonitrile	ug/L	200	211	106	63-137	
Benzene	ug/L	50	56.6	113	74-122	
Bromobenzene	ug/L	50	54.1	108	72-127	
Bromochloromethane	ug/L	50	59.1	118	63-132	
Bromodichloromethane	ug/L	50	53.1	106	62-136	
Bromoform	ug/L	50	45.7	91	44-134	
Bromomethane	ug/L	50	59.8	120	22-181	
Carbon disulfide	ug/L	50	58.7	117	59-132	
Carbon tetrachloride	ug/L	50	56.3	113	56-137	
Chlorobenzene	ug/L	50	57.5	115	78-123	
Chloroethane	ug/L	50	62.6	125	60-144	
Chloroform	ug/L	50	49.8	100	78-126	
Chloromethane	ug/L	50	60.4	121	42-134	
cis-1,2-Dichloroethene	ug/L	50	57.6	115	75-122	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	64-126	
Dibromochloromethane	ug/L	50	58.4	117	58-128	
Dibromomethane	ug/L	50	62.0	124	73-125	
Dichlorodifluoromethane	ug/L	50	50.9	102	35-181	
Ethyl methacrylate	ug/L	200	241	121	69-133	
Ethylbenzene	ug/L	50	55.8	112	66-133	
Hexachloro-1,3-butadiene	ug/L	50	57.9	116	59-145	
Iodomethane	ug/L	100	113	113	21-170	
Isopropylbenzene (Cumene)	ug/L	50	58.2	116	69-124	
Methyl-tert-butyl ether	ug/L	50	53.7	107	69-122	
Methylene Chloride	ug/L	50	51.5	103	68-132	
n-Butylbenzene	ug/L	50	56.0	112	70-126	
n-Hexane	ug/L	50	33.3	67	51-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	50	55.2	110	71-122	
p-Isopropyltoluene	ug/L	50	55.7	111	72-132	
sec-Butylbenzene	ug/L	50	57.9	116	70-128	
Styrene	ug/L	50	57.5	115	74-126	
tert-Butylbenzene	ug/L	50	47.8	96	51-118	
Tetrachloroethene	ug/L	50	56.6	113	69-130	
Toluene	ug/L	50	54.5	109	72-122	
trans-1,2-Dichloroethene	ug/L	50	58.5	117	72-124	
trans-1,3-Dichloropropene	ug/L	50	53.6	107	64-121	
trans-1,4-Dichloro-2-butene	ug/L	200	190	95	56-133	
Trichloroethene	ug/L	50	55.5	111	76-126	
Trichlorofluoromethane	ug/L	50	57.4	115	76-149	
Vinyl acetate	ug/L	200	242	121	45-151	
Vinyl chloride	ug/L	50	60.0	120	59-126	
Xylene (Total)	ug/L	150	165	110	70-124	
4-Bromofluorobenzene (S)	%.			98	80-114	
Dibromofluoromethane (S)	%.			102	79-116	
Toluene-d8 (S)	%.			100	81-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	51.7	51.2	103	102	50-132	1	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	48.3	50.7	97	101	60-138	5	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	47.6	48.7	95	97	55-128	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	45.2	44.2	90	88	61-139	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	47.3	49.8	95	100	57-147	5	20	
1,1-Dichloroethene	ug/L	ND	50	50	46.3	49.4	93	99	55-145	6	20	
1,1-Dichloropropene	ug/L	ND	50	50	48.5	50.3	97	101	55-147	3	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	48.4	52.4	97	105	31-141	8	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	46.9	45.0	94	90	58-133	4	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	50.5	55.2	101	110	25-143	9	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	47.1	48.6	94	97	18-149	3	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	50.1	48.2	100	96	63-129	4	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	46.6	49.0	93	98	38-136	5	20	
1,2-Dichloroethane	ug/L	ND	50	50	45.9	47.6	92	95	62-138	4	20	
1,2-Dichloropropane	ug/L	ND	50	50	43.2	46.5	86	93	59-130	7	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	46.9	48.8	94	98	20-147	4	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	46.1	46.4	92	93	28-141	1	20	
1,3-Dichloropropane	ug/L	ND	50	50	47.6	48.5	95	97	62-127	2	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	46.2	47.6	92	95	30-139	3	20	
2,2-Dichloropropane	ug/L	ND	50	50	37.7	38.6	75	77	37-139	3	20	
2-Butanone (MEK)	ug/L	ND	250	250	235	244	89	93	37-156	4	20	
2-Chlorotoluene	ug/L	ND	50	50	48.0	48.6	96	97	27-142	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	250	250	213	209	85	84	44-143	2	20	
4-Chlorotoluene	ug/L	ND	50	50	45.5	46.9	91	94	27-144	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	229	239	92	96	46-144	4	20	
Acetone	ug/L	ND	250	250	200	196	79	78	39-156	2	20	
Acrolein	ug/L	ND	1000	1000	1300	1370	130	137	33-200	5	20	
Acrylonitrile	ug/L	ND	200	200	180	186	90	93	48-149	3	20	
Benzene	ug/L	ND	50	50	48.7	50.7	97	101	62-129	4	20	
Bromobenzene	ug/L	ND	50	50	46.1	44.7	92	89	39-140	3	20	
Bromochloromethane	ug/L	ND	50	50	49.7	53.7	99	107	49-142	8	20	
Bromodichloromethane	ug/L	ND	50	50	43.0	44.4	86	89	50-142	3	20	
Bromoform	ug/L	ND	50	50	34.4	35.9	69	72	36-125	4	20	
Bromomethane	ug/L	ND	50	50	52.3	57.3	105	115	13-179	9	20	
Carbon disulfide	ug/L	ND	50	50	41.2	43.0	82	86	45-142	4	20	
Carbon tetrachloride	ug/L	ND	50	50	48.2	50.0	96	100	46-142	4	20	
Chlorobenzene	ug/L	ND	50	50	49.3	49.6	99	99	49-136	1	20	
Chloroethane	ug/L	ND	50	50	58.2	61.6	116	123	47-160	6	20	
Chloroform	ug/L	ND	50	50	43.9	44.8	88	90	54-150	2	20	
Chloromethane	ug/L	ND	50	50	53.6	57.1	107	114	30-148	6	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	48.2	52.0	96	104	60-135	8	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	43.5	44.3	87	89	52-123	2	20	
Dibromochloromethane	ug/L	ND	50	50	46.1	50.0	92	100	48-125	8	20	
Dibromomethane	ug/L	ND	50	50	51.3	52.1	103	104	59-134	2	20	
Dichlorodifluoromethane	ug/L	ND	50	50	73.2	73.3	146	147	24-197	0	20	
Ethyl methacrylate	ug/L	ND	200	200	192	199	96	99	55-139	3	20	
Ethylbenzene	ug/L	ND	50	50	49.4	47.0	99	94	28-153	5	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	48.3	53.9	97	108	10-176	11	20	
Iodomethane	ug/L	ND	100	100	98.8	107	99	107	17-157	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	51.1	50.1	102	100	18-152	2	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	44.8	48.7	90	97	63-130	8	20	
Methylene Chloride	ug/L	ND	50	50	43.4	48.1	87	96	45-156	10	20	
n-Butylbenzene	ug/L	ND	50	50	46.2	48.4	92	97	10-161	5	20	
n-Hexane	ug/L	ND	50	50	45.4	44.2	91	88	33-144	3	20	
n-Propylbenzene	ug/L	ND	50	50	46.8	47.1	94	94	16-150	1	20	
p-Isopropyltoluene	ug/L	ND	50	50	46.2	47.5	92	95	10-163	3	20	
sec-Butylbenzene	ug/L	ND	50	50	49.3	49.1	99	98	10-160	0	20	
Styrene	ug/L	ND	50	50	48.1	47.2	96	94	36-139	2	20	
tert-Butylbenzene	ug/L	ND	50	50	40.9	43.6	82	87	12-134	6	20	
Tetrachloroethene	ug/L	ND	50	50	52.7	51.3	104	101	33-151	3	20	
Toluene	ug/L	ND	50	50	49.2	48.6	97	95	50-132	1	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	51.2	51.7	102	103	40-153	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	43.0	42.5	86	85	48-122	1	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	125	124	62	62	32-139	1	20	
Trichloroethene	ug/L	ND	50	50	46.6	48.0	93	96	50-143	3	20	
Trichlorofluoromethane	ug/L	ND	50	50	63.7	63.6	127	127	60-175	0	20	
Vinyl acetate	ug/L	ND	200	200	193	201	97	100	17-142	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275959 1275960

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	ND	50	50	60.4	62.9	121	126	44-145	4	20	
Xylene (Total)	ug/L	ND	150	150	143	139	95	93	29-145	2	20	
4-Bromofluorobenzene (S)	%.						100	97	80-114			
Dibromofluoromethane (S)	%.						101	102	79-116			
Toluene-d8 (S)	%.						100	100	81-110			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75678 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 50116587033, 50116587034

METHOD BLANK: 1276441 | Matrix: Water
Associated Lab Samples: 50116587033, 50116587034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	
1,1-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichloroethane	ug/L	ND	5.0	04/16/15 10:47	
1,2-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
1,3-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
2,2-Dichloropropane	ug/L	ND	5.0	04/16/15 10:47	
2-Butanone (MEK)	ug/L	ND	25.0	04/16/15 10:47	
2-Chlorotoluene	ug/L	ND	5.0	04/16/15 10:47	
2-Hexanone	ug/L	ND	25.0	04/16/15 10:47	
4-Chlorotoluene	ug/L	ND	5.0	04/16/15 10:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/16/15 10:47	
Acetone	ug/L	ND	100	04/16/15 10:47	
Acrolein	ug/L	ND	50.0	04/16/15 10:47	
Acrylonitrile	ug/L	ND	100	04/16/15 10:47	
Benzene	ug/L	ND	5.0	04/16/15 10:47	
Bromobenzene	ug/L	ND	5.0	04/16/15 10:47	
Bromochloromethane	ug/L	ND	5.0	04/16/15 10:47	
Bromodichloromethane	ug/L	ND	5.0	04/16/15 10:47	
Bromoform	ug/L	ND	5.0	04/16/15 10:47	
Bromomethane	ug/L	ND	5.0	04/16/15 10:47	
Carbon disulfide	ug/L	ND	10.0	04/16/15 10:47	
Carbon tetrachloride	ug/L	ND	5.0	04/16/15 10:47	
Chlorobenzene	ug/L	ND	5.0	04/16/15 10:47	
Chloroethane	ug/L	ND	5.0	04/16/15 10:47	
Chloroform	ug/L	ND	5.0	04/16/15 10:47	
Chloromethane	ug/L	ND	5.0	04/16/15 10:47	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276441 Matrix: Water
Associated Lab Samples: 50116587033, 50116587034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
Dibromochloromethane	ug/L	ND	5.0	04/16/15 10:47	
Dibromomethane	ug/L	ND	5.0	04/16/15 10:47	
Dichlorodifluoromethane	ug/L	ND	5.0	04/16/15 10:47	
Ethyl methacrylate	ug/L	ND	100	04/16/15 10:47	
Ethylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/16/15 10:47	
Iodomethane	ug/L	ND	10.0	04/16/15 10:47	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/16/15 10:47	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/16/15 10:47	
Methylene Chloride	ug/L	ND	5.0	04/16/15 10:47	
n-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
n-Hexane	ug/L	ND	5.0	04/16/15 10:47	
n-Propylbenzene	ug/L	ND	5.0	04/16/15 10:47	
p-Isopropyltoluene	ug/L	ND	5.0	04/16/15 10:47	
sec-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Styrene	ug/L	ND	5.0	04/16/15 10:47	
tert-Butylbenzene	ug/L	ND	5.0	04/16/15 10:47	
Tetrachloroethene	ug/L	ND	5.0	04/16/15 10:47	
Toluene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/16/15 10:47	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/16/15 10:47	
Trichloroethene	ug/L	ND	5.0	04/16/15 10:47	
Trichlorofluoromethane	ug/L	ND	5.0	04/16/15 10:47	
Vinyl acetate	ug/L	ND	50.0	04/16/15 10:47	
Vinyl chloride	ug/L	ND	2.0	04/16/15 10:47	
Xylene (Total)	ug/L	ND	10.0	04/16/15 10:47	
4-Bromofluorobenzene (S)	%.	97	80-114	04/16/15 10:47	
Dibromofluoromethane (S)	%.	104	79-116	04/16/15 10:47	
Toluene-d8 (S)	%.	99	81-110	04/16/15 10:47	

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.9	110	61-135	
1,1,1-Trichloroethane	ug/L	50	52.3	105	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	101	66-126	
1,1,2-Trichloroethane	ug/L	50	52.4	105	77-130	
1,1-Dichloroethane	ug/L	50	51.4	103	75-130	
1,1-Dichloroethene	ug/L	50	46.5	93	68-127	
1,1-Dichloropropene	ug/L	50	49.1	98	78-130	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	70-130	
1,2,3-Trichloropropane	ug/L	50	52.3	105	58-142	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	58.3	117	68-131	
1,2,4-Trimethylbenzene	ug/L	50	52.5	105	69-127	
1,2-Dibromoethane (EDB)	ug/L	50	54.5	109	76-125	
1,2-Dichlorobenzene	ug/L	50	51.8	104	75-123	
1,2-Dichloroethane	ug/L	50	50.5	101	75-128	
1,2-Dichloropropane	ug/L	50	51.0	102	74-121	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	70-126	
1,3-Dichlorobenzene	ug/L	50	53.3	107	74-122	
1,3-Dichloropropane	ug/L	50	53.9	108	74-123	
1,4-Dichlorobenzene	ug/L	50	52.3	105	76-120	
2,2-Dichloropropane	ug/L	50	56.8	114	50-137	
2-Butanone (MEK)	ug/L	250	261	104	58-139	
2-Chlorotoluene	ug/L	50	51.4	103	74-122	
2-Hexanone	ug/L	250	250	100	54-140	
4-Chlorotoluene	ug/L	50	52.6	105	77-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	256	102	58-138	
Acetone	ug/L	250	216	86	49-150	
Acrolein	ug/L	1000	1490	149	41-200	
Acrylonitrile	ug/L	200	196	98	63-137	
Benzene	ug/L	50	52.8	106	74-122	
Bromobenzene	ug/L	50	53.3	107	72-127	
Bromochloromethane	ug/L	50	54.8	110	63-132	
Bromodichloromethane	ug/L	50	51.0	102	62-136	
Bromoform	ug/L	50	43.0	86	44-134	
Bromomethane	ug/L	50	57.7	115	22-181	
Carbon disulfide	ug/L	50	53.0	106	59-132	
Carbon tetrachloride	ug/L	50	49.6	99	56-137	
Chlorobenzene	ug/L	50	53.9	108	78-123	
Chloroethane	ug/L	50	60.2	120	60-144	
Chloroform	ug/L	50	47.7	95	78-126	
Chloromethane	ug/L	50	54.5	109	42-134	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	75-122	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	64-126	
Dibromochloromethane	ug/L	50	54.9	110	58-128	
Dibromomethane	ug/L	50	57.5	115	73-125	
Dichlorodifluoromethane	ug/L	50	40.7	81	35-181	
Ethyl methacrylate	ug/L	200	230	115	69-133	
Ethylbenzene	ug/L	50	53.1	106	66-133	
Hexachloro-1,3-butadiene	ug/L	50	53.7	107	59-145	
Iodomethane	ug/L	100	107	107	21-170	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	69-124	
Methyl-tert-butyl ether	ug/L	50	49.6	99	69-122	
Methylene Chloride	ug/L	50	47.9	96	68-132	
n-Butylbenzene	ug/L	50	52.3	105	70-126	
n-Hexane	ug/L	50	33.7	67	51-125	
n-Propylbenzene	ug/L	50	49.9	100	71-122	
p-Isopropyltoluene	ug/L	50	51.4	103	72-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	52.0	104	70-128	
Styrene	ug/L	50	56.2	112	74-126	
tert-Butylbenzene	ug/L	50	43.6	87	51-118	
Tetrachloroethene	ug/L	50	53.8	108	69-130	
Toluene	ug/L	50	52.3	105	72-122	
trans-1,2-Dichloroethene	ug/L	50	53.8	108	72-124	
trans-1,3-Dichloropropene	ug/L	50	55.2	110	64-121	
trans-1,4-Dichloro-2-butene	ug/L	200	213	106	56-133	
Trichloroethene	ug/L	50	49.6	99	76-126	
Trichlorofluoromethane	ug/L	50	53.0	106	76-149	
Vinyl acetate	ug/L	200	229	115	45-151	
Vinyl chloride	ug/L	50	55.4	111	59-126	
Xylene (Total)	ug/L	150	155	103	70-124	
4-Bromofluorobenzene (S)	%.			103	80-114	
Dibromofluoromethane (S)	%.			103	79-116	
Toluene-d8 (S)	%.			103	81-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	53.5	58.5	107	117	50-132	9	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	51.9	56.4	104	113	60-138	8	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	48.0	56.0	96	112	55-128	16	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	48.0	55.2	96	110	61-139	14	20	
1,1-Dichloroethane	ug/L	ND	50	50	50.2	54.8	100	110	57-147	9	20	
1,1-Dichloroethene	ug/L	ND	50	50	51.0	56.5	102	113	55-145	10	20	
1,1-Dichloropropene	ug/L	ND	50	50	52.5	57.2	105	114	55-147	9	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	50.6	60.2	101	120	31-141	17	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	48.4	52.7	97	105	58-133	9	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	52.5	62.1	105	124	25-143	17	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	44.6	51.2	89	102	18-149	14	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	51.6	55.2	103	110	63-129	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	49.4	58.9	99	118	38-136	18	20	
1,2-Dichloroethane	ug/L	ND	50	50	47.1	50.7	94	101	62-138	7	20	
1,2-Dichloropropane	ug/L	ND	50	50	48.2	52.5	96	105	59-130	8	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	45.6	52.1	91	104	20-147	13	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	50.0	56.7	100	113	28-141	13	20	
1,3-Dichloropropane	ug/L	ND	50	50	51.7	56.2	103	112	62-127	8	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	48.8	55.4	98	111	30-139	13	20	
2,2-Dichloropropane	ug/L	ND	50	50	51.7	54.4	103	109	37-139	5	20	
2-Butanone (MEK)	ug/L	ND	250	250	239	281	96	112	37-156	16	20	
2-Chlorotoluene	ug/L	ND	50	50	48.5	56.0	97	112	27-142	14	20	
2-Hexanone	ug/L	ND	250	250	240	276	96	110	44-143	14	20	
4-Chlorotoluene	ug/L	ND	50	50	49.5	57.2	99	114	27-144	14	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	245	281	98	112	46-144	14	20	
Acetone	ug/L	ND	250	250	200	235	80	94	39-156	16	20	
Acrolein	ug/L	ND	1000	1000	1140	1270	114	127	33-200	10	20	
Acrylonitrile	ug/L	ND	200	200	179	201	89	100	48-149	12	20	
Benzene	ug/L	ND	50	50	51.4	56.1	103	112	62-129	9	20	
Bromobenzene	ug/L	ND	50	50	50.7	53.8	101	108	39-140	6	20	
Bromochloromethane	ug/L	ND	50	50	51.5	56.7	103	113	49-142	9	20	
Bromodichloromethane	ug/L	ND	50	50	45.2	49.6	90	99	50-142	9	20	
Bromoform	ug/L	ND	50	50	35.9	39.1	72	78	36-125	9	20	
Bromomethane	ug/L	ND	50	50	55.5	61.7	111	123	13-179	11	20	
Carbon disulfide	ug/L	ND	50	50	49.0	52.7	98	105	45-142	7	20	
Carbon tetrachloride	ug/L	ND	50	50	53.1	58.7	106	117	46-142	10	20	
Chlorobenzene	ug/L	ND	50	50	52.6	58.3	105	117	49-136	10	20	
Chloroethane	ug/L	ND	50	50	59.4	66.6	119	133	47-160	11	20	
Chloroform	ug/L	ND	50	50	46.0	49.8	92	100	54-150	8	20	
Chloromethane	ug/L	ND	50	50	56.8	61.6	114	123	30-148	8	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	51.4	56.3	103	113	60-135	9	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	47.1	51.8	94	104	52-123	10	20	
Dibromochloromethane	ug/L	ND	50	50	50.0	55.7	100	111	48-125	11	20	
Dibromomethane	ug/L	ND	50	50	57.2	60.9	114	122	59-134	6	20	
Dichlorodifluoromethane	ug/L	ND	50	50	76.1	81.3	152	163	24-197	7	20	
Ethyl methacrylate	ug/L	ND	200	200	201	231	100	115	55-139	14	20	
Ethylbenzene	ug/L	ND	50	50	52.3	58.4	105	117	28-153	11	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	51.6	61.8	103	124	10-176	18	20	
Iodomethane	ug/L	ND	100	100	105	113	105	113	17-157	7	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	55.9	62.1	112	124	18-152	11	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	45.9	50.7	92	101	63-130	10	20	
Methylene Chloride	ug/L	ND	50	50	44.9	50.3	90	101	45-156	11	20	
n-Butylbenzene	ug/L	ND	50	50	50.0	58.3	100	117	10-161	15	20	
n-Hexane	ug/L	ND	50	50	52.1	59.3	104	119	33-144	13	20	
n-Propylbenzene	ug/L	ND	50	50	49.4	56.5	99	113	16-150	14	20	
p-Isopropyltoluene	ug/L	ND	50	50	49.0	57.2	98	114	10-163	15	20	
sec-Butylbenzene	ug/L	ND	50	50	51.6	62.5	103	125	10-160	19	20	
Styrene	ug/L	ND	50	50	42.3	46.4	85	93	36-139	9	20	
tert-Butylbenzene	ug/L	ND	50	50	43.9	49.5	88	99	12-134	12	20	
Tetrachloroethene	ug/L	ND	50	50	57.0	61.2	114	122	33-151	7	20	
Toluene	ug/L	ND	50	50	51.8	57.4	104	115	50-132	10	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	52.9	57.4	106	115	40-153	8	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	47.3	52.3	95	105	48-122	10	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	146	157	73	79	32-139	7	20	
Trichloroethene	ug/L	ND	50	50	49.6	56.8	99	114	50-143	14	20	
Trichlorofluoromethane	ug/L	ND	50	50	68.5	75.1	137	150	60-175	9	20	
Vinyl acetate	ug/L	ND	200	200	165	180	82	90	17-142	9	20	
Vinyl chloride	ug/L	ND	50	50	62.4	70.8	125	142	44-145	13	20	
Xylene (Total)	ug/L	ND	150	150	148	162	99	108	29-145	9	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1276443 1276444

Parameter	Units	50116450011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%.						104	98	80-114			
Dibromofluoromethane (S)	%.						101	99	79-116			
Toluene-d8 (S)	%.						102	101	81-110			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75647 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

METHOD BLANK: 1275804 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/15/15 22:40	
2-Butanone (MEK)	mg/kg	ND	0.025	04/15/15 22:40	
2-Chlorotoluene	mg/kg	ND	0.0050	04/15/15 22:40	
2-Hexanone	mg/kg	ND	0.10	04/15/15 22:40	
4-Chlorotoluene	mg/kg	ND	0.0050	04/15/15 22:40	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/15/15 22:40	
Acetone	mg/kg	ND	0.10	04/15/15 22:40	
Acrolein	mg/kg	ND	0.10	04/15/15 22:40	
Acrylonitrile	mg/kg	ND	0.10	04/15/15 22:40	
Benzene	mg/kg	ND	0.0050	04/15/15 22:40	
Bromobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Bromochloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Bromodichloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Bromoform	mg/kg	ND	0.0050	04/15/15 22:40	
Bromomethane	mg/kg	ND	0.0050	04/15/15 22:40	
Carbon disulfide	mg/kg	ND	0.010	04/15/15 22:40	
Carbon tetrachloride	mg/kg	ND	0.0050	04/15/15 22:40	
Chlorobenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Chloroethane	mg/kg	ND	0.0050	04/15/15 22:40	
Chloroform	mg/kg	ND	0.0050	04/15/15 22:40	
Chloromethane	mg/kg	ND	0.0050	04/15/15 22:40	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1275804 Matrix: Solid

Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
Dibromochloromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Dibromomethane	mg/kg	ND	0.0050	04/15/15 22:40	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Ethyl methacrylate	mg/kg	ND	0.10	04/15/15 22:40	
Ethylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/15/15 22:40	
Iodomethane	mg/kg	ND	0.10	04/15/15 22:40	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/15/15 22:40	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/15/15 22:40	
Methylene Chloride	mg/kg	ND	0.020	04/15/15 22:40	
n-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
n-Hexane	mg/kg	ND	0.0050	04/15/15 22:40	
n-Propylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/15/15 22:40	
sec-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Styrene	mg/kg	ND	0.0050	04/15/15 22:40	
tert-Butylbenzene	mg/kg	ND	0.0050	04/15/15 22:40	
Tetrachloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
Toluene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/15/15 22:40	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/15/15 22:40	
Trichloroethene	mg/kg	ND	0.0050	04/15/15 22:40	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/15/15 22:40	
Vinyl acetate	mg/kg	ND	0.10	04/15/15 22:40	
Vinyl chloride	mg/kg	ND	0.0050	04/15/15 22:40	
Xylene (Total)	mg/kg	ND	0.010	04/15/15 22:40	
4-Bromofluorobenzene (S)	%.	100	56-144	04/15/15 22:40	
Dibromofluoromethane (S)	%.	100	85-118	04/15/15 22:40	
Toluene-d8 (S)	%.	95	71-128	04/15/15 22:40	

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.051	101	62-123	
1,1,1-Trichloroethane	mg/kg	.05	0.051	102	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.052	104	65-124	
1,1,2-Trichloroethane	mg/kg	.05	0.048	96	74-129	
1,1-Dichloroethane	mg/kg	.05	0.050	100	73-130	
1,1-Dichloroethene	mg/kg	.05	0.049	98	66-126	
1,1-Dichloropropene	mg/kg	.05	0.054	108	78-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	.05	0.044	88	66-131	
1,2,3-Trichloropropane	mg/kg	.05	0.053	106	44-157	
1,2,4-Trichlorobenzene	mg/kg	.05	0.042	84	68-129	
1,2,4-Trimethylbenzene	mg/kg	.05	0.047	95	67-126	
1,2-Dibromoethane (EDB)	mg/kg	.05	0.051	101	74-120	
1,2-Dichlorobenzene	mg/kg	.05	0.047	93	73-122	
1,2-Dichloroethane	mg/kg	.05	0.048	97	73-127	
1,2-Dichloropropane	mg/kg	.05	0.050	100	75-118	
1,3,5-Trimethylbenzene	mg/kg	.05	0.047	94	65-127	
1,3-Dichlorobenzene	mg/kg	.05	0.045	91	73-121	
1,3-Dichloropropane	mg/kg	.05	0.049	98	72-121	
1,4-Dichlorobenzene	mg/kg	.05	0.044	88	75-119	
2,2-Dichloropropane	mg/kg	.05	0.053	106	63-122	
2-Butanone (MEK)	mg/kg	.25	0.25	99	59-139	
2-Chlorotoluene	mg/kg	.05	0.047	94	72-121	
2-Hexanone	mg/kg	.25	0.27	108	56-139	
4-Chlorotoluene	mg/kg	.05	0.046	91	75-123	
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.27	106	63-136	
Acetone	mg/kg	.25	0.24	96	46-156	
Acrolein	mg/kg	1	1.2	118	47-200	
Acrylonitrile	mg/kg	.2	0.20	100	67-130	
Benzene	mg/kg	.05	0.048	96	74-119	
Bromobenzene	mg/kg	.05	0.060	120	69-129	
Bromochloromethane	mg/kg	.05	0.047	94	67-129	
Bromodichloromethane	mg/kg	.05	0.046	91	68-121	
Bromoform	mg/kg	.05	0.048	96	49-124	
Bromomethane	mg/kg	.05	0.047	93	44-142	
Carbon disulfide	mg/kg	.05	0.050	101	61-129	
Carbon tetrachloride	mg/kg	.05	0.053	105	58-127	
Chlorobenzene	mg/kg	.05	0.047	93	77-122	
Chloroethane	mg/kg	.05	0.053	107	59-141	
Chloroform	mg/kg	.05	0.044	88	75-124	
Chloromethane	mg/kg	.05	0.046	93	46-133	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	100	72-122	
cis-1,3-Dichloropropene	mg/kg	.05	0.052	104	68-115	
Dibromochloromethane	mg/kg	.05	0.047	94	60-121	
Dibromomethane	mg/kg	.05	0.050	100	72-124	
Dichlorodifluoromethane	mg/kg	.05	0.054	108	26-186	
Ethyl methacrylate	mg/kg	.2	0.22	109	63-130	
Ethylbenzene	mg/kg	.05	0.047	94	72-123	
Hexachloro-1,3-butadiene	mg/kg	.05	0.043	85	55-139	
Iodomethane	mg/kg	.1	.099J	99	38-149	
Isopropylbenzene (Cumene)	mg/kg	.05	0.051	102	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.049	98	68-120	
Methylene Chloride	mg/kg	.05	0.038	75	57-142	
n-Butylbenzene	mg/kg	.05	0.046	92	68-125	
n-Hexane	mg/kg	.05	0.046	91	57-117	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	.05	0.047	94	68-122	
p-Isopropyltoluene	mg/kg	.05	0.046	92	66-133	
sec-Butylbenzene	mg/kg	.05	0.050	101	64-131	
Styrene	mg/kg	.05	0.048	95	70-126	
tert-Butylbenzene	mg/kg	.05	0.047	93	46-124	
Tetrachloroethene	mg/kg	.05	0.047	93	72-126	
Toluene	mg/kg	.05	0.044	88	71-121	
trans-1,2-Dichloroethene	mg/kg	.05	0.049	98	69-123	
trans-1,3-Dichloropropene	mg/kg	.05	0.052	105	66-114	
trans-1,4-Dichloro-2-butene	mg/kg	.2	0.20	98	61-124	
Trichloroethene	mg/kg	.05	0.047	95	74-123	
Trichlorofluoromethane	mg/kg	.05	0.057	115	72-146	
Vinyl acetate	mg/kg	.2	0.22	112	57-131	
Vinyl chloride	mg/kg	.05	0.054	107	55-128	
Xylene (Total)	mg/kg	.15	0.14	93	66-124	
4-Bromofluorobenzene (S)	%.			98	56-144	
Dibromofluoromethane (S)	%.			96	85-118	
Toluene-d8 (S)	%.			97	71-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	mg/kg	ND	.041	.043	0.039	0.044	97	102	10-129	11	20	
1,1,1-Trichloroethane	mg/kg	ND	.041	.043	0.045	0.047	111	110	26-143	4	20	
1,1,2,2-Tetrachloroethane	mg/kg	ND	.041	.043	0.035	0.040	85	94	10-156	15	20	
1,1,2-Trichloroethane	mg/kg	ND	.041	.043	0.037	0.039	90	92	13-156	7	20	
1,1-Dichloroethane	mg/kg	ND	.041	.043	0.043	0.045	106	104	36-150	4	20	
1,1-Dichloroethene	mg/kg	ND	.041	.043	0.045	0.046	110	107	31-146	3	20	
1,1-Dichloropropene	mg/kg	ND	.041	.043	0.047	0.049	115	114	26-145	4	20	
1,2,3-Trichlorobenzene	mg/kg	ND	.041	.043	0.018	0.032	43	76	10-119	60	20	
1,2,3-Trichloropropane	mg/kg	ND	.041	.043	0.038	0.041	94	95	10-168	7	20	
1,2,4-Trichlorobenzene	mg/kg	ND	.041	.043	0.019	0.033	46	76	10-122	55	20	
1,2,4-Trimethylbenzene	mg/kg	ND	.041	.043	0.035	0.042	87	97	10-139	16	20	
1,2-Dibromoethane (EDB)	mg/kg	ND	.041	.043	0.037	0.041	91	95	15-136	10	20	
1,2-Dichlorobenzene	mg/kg	ND	.041	.043	0.027	0.038	68	89	10-132	32	20	
1,2-Dichloroethane	mg/kg	ND	.041	.043	0.039	0.039	95	92	30-140	2	20	
1,2-Dichloropropane	mg/kg	ND	.041	.043	0.041	0.043	100	99	29-135	5	20	
1,3,5-Trimethylbenzene	mg/kg	ND	.041	.043	0.038	0.042	94	98	10-143	10	20	
1,3-Dichlorobenzene	mg/kg	ND	.041	.043	0.028	0.038	69	88	10-130	29	20	
1,3-Dichloropropane	mg/kg	ND	.041	.043	0.037	0.040	91	92	17-139	7	20	
1,4-Dichlorobenzene	mg/kg	ND	.041	.043	0.026	0.037	65	86	10-128	33	20	
2,2-Dichloropropane	mg/kg	ND	.041	.043	0.043	0.045	105	106	29-136	6	20	
2-Butanone (MEK)	mg/kg	ND	.2	.21	0.19	0.19	91	88	22-176	2	20	
2-Chlorotoluene	mg/kg	ND	.041	.043	0.035	0.041	86	95	10-146	16	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	mg/kg	ND	.2	.21	0.19	0.20	94	95	12-165	7	20	
4-Chlorotoluene	mg/kg	ND	.041	.043	0.032	0.039	79	91	10-138	19	20	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	.2	.21	0.19	0.20	95	94	22-155	5	20	
Acetone	mg/kg	ND	.2	.21	0.21	0.20	105	95	11-200	4	20	
Acrolein	mg/kg	ND	.81	.86	0.37	0.54	45	63	10-200	37	20	
Acrylonitrile	mg/kg	ND	.16	.17	0.13	0.15	80	85	20-150	12	20	
Benzene	mg/kg	ND	.041	.043	0.041	0.041	102	96	27-140	0	20	
Bromobenzene	mg/kg	ND	.041	.043	0.037	0.048	92	112	10-133	24	20	
Bromochloromethane	mg/kg	ND	.041	.043	0.039	0.041	95	94	28-142	5	20	
Bromodichloromethane	mg/kg	ND	.041	.043	0.037	0.040	91	93	13-139	8	20	
Bromoform	mg/kg	ND	.041	.043	0.033	0.039	81	90	10-122	16	20	
Bromomethane	mg/kg	ND	.041	.043	0.040	0.044	100	103	10-154	9	20	
Carbon disulfide	mg/kg	ND	.041	.043	0.042	0.045	103	104	20-142	6	20	
Carbon tetrachloride	mg/kg	ND	.041	.043	0.046	0.048	114	112	19-135	4	20	
Chlorobenzene	mg/kg	ND	.041	.043	0.034	0.040	84	94	10-136	17	20	
Chloroethane	mg/kg	ND	.041	.043	0.049	0.048	120	111	24-161	2	20	
Chloroform	mg/kg	ND	.041	.043	0.037	0.038	91	90	36-138	3	20	
Chloromethane	mg/kg	ND	.041	.043	0.040	0.041	99	96	28-143	3	20	
cis-1,2-Dichloroethene	mg/kg	ND	.041	.043	0.040	0.043	99	100	29-136	7	20	
cis-1,3-Dichloropropene	mg/kg	ND	.041	.043	0.039	0.043	96	101	10-130	10	20	
Dibromochloromethane	mg/kg	ND	.041	.043	0.035	0.040	86	92	10-124	13	20	
Dibromomethane	mg/kg	ND	.041	.043	0.038	0.041	93	95	24-136	7	20	
Dichlorodifluoromethane	mg/kg	ND	.041	.043	0.050	0.050	124	116	15-187	1	20	
Ethyl methacrylate	mg/kg	ND	.16	.17	ND	.082J	16	48	10-147		20	
Ethylbenzene	mg/kg	ND	.041	.043	0.038	0.042	94	98	10-144	10	20	
Hexachloro-1,3-butadiene	mg/kg	ND	.041	.043	0.030	0.039	73	92	10-136	28	20	
Iodomethane	mg/kg	ND	.081	.086	0.085	0.092	104	107	10-155	8	20	
Isopropylbenzene (Cumene)	mg/kg	ND	.041	.043	0.041	0.046	102	108	10-134	11	20	
Methyl-tert-butyl ether	mg/kg	ND	.041	.043	0.039	0.040	95	92	30-147	2	20	
Methylene Chloride	mg/kg	ND	.041	.043	0.031	0.033	78	77	23-150	5	20	
n-Butylbenzene	mg/kg	ND	.041	.043	0.035	0.041	87	96	10-141	15	20	
n-Hexane	mg/kg	ND	.041	.043	0.041	0.044	101	103	10-140	8	20	
n-Propylbenzene	mg/kg	ND	.041	.043	0.039	0.042	96	99	10-143	8	20	
p-Isopropyltoluene	mg/kg	ND	.041	.043	0.038	0.042	93	98	10-146	10	20	
sec-Butylbenzene	mg/kg	ND	.041	.043	0.041	0.045	102	105	10-150	9	20	
Styrene	mg/kg	ND	.041	.043	0.032	0.040	78	93	10-138	24	20	
tert-Butylbenzene	mg/kg	ND	.041	.043	0.039	0.042	96	97	10-135	6	20	
Tetrachloroethene	mg/kg	ND	.041	.043	0.040	0.043	97	99	10-153	7	20	
Toluene	mg/kg	ND	.041	.043	0.036	0.039	90	91	10-140	7	20	
trans-1,2-Dichloroethene	mg/kg	ND	.041	.043	0.042	0.043	104	101	28-139	2	20	
trans-1,3-Dichloropropene	mg/kg	ND	.041	.043	0.037	0.043	92	100	10-126	14	20	
trans-1,4-Dichloro-2-butene	mg/kg	ND	.16	.17	0.12	0.14	72	80	10-132	17	20	
Trichloroethene	mg/kg	ND	.041	.043	0.041	0.043	101	101	17-148	6	20	
Trichlorofluoromethane	mg/kg	ND	.041	.043	0.053	0.054	131	127	31-177	2	20	
Vinyl acetate	mg/kg	ND	.16	.17	ND	ND	0	1	10-131		20	2d

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275806 1275807

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	mg/kg	ND	.041	.043	0.049	0.049	121	113	30-145	1	20	
Xylene (Total)	mg/kg	ND	.12	.13	0.11	0.12	90	95	10-143	11	20	
4-Bromofluorobenzene (S)	%.						98	98	56-144			
Dibromofluoromethane (S)	%.						97	96	85-118			4d
Toluene-d8 (S)	%.						99	96	71-128			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75684 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

METHOD BLANK: 1276583 Matrix: Solid
Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:51	
2-Butanone (MEK)	mg/kg	ND	0.025	04/16/15 11:51	
2-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:51	
2-Hexanone	mg/kg	ND	0.10	04/16/15 11:51	
4-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:51	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/16/15 11:51	
Acetone	mg/kg	ND	0.10	04/16/15 11:51	
Acrolein	mg/kg	ND	0.10	04/16/15 11:51	
Acrylonitrile	mg/kg	ND	0.10	04/16/15 11:51	
Benzene	mg/kg	ND	0.0050	04/16/15 11:51	
Bromobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Bromochloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Bromodichloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Bromoform	mg/kg	ND	0.0050	04/16/15 11:51	
Bromomethane	mg/kg	ND	0.0050	04/16/15 11:51	
Carbon disulfide	mg/kg	ND	0.010	04/16/15 11:51	
Carbon tetrachloride	mg/kg	ND	0.0050	04/16/15 11:51	
Chlorobenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Chloroethane	mg/kg	ND	0.0050	04/16/15 11:51	
Chloroform	mg/kg	ND	0.0050	04/16/15 11:51	
Chloromethane	mg/kg	ND	0.0050	04/16/15 11:51	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276583 Matrix: Solid

Associated Lab Samples: 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
Dibromochloromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Dibromomethane	mg/kg	ND	0.0050	04/16/15 11:51	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Ethyl methacrylate	mg/kg	ND	0.10	04/16/15 11:51	
Ethylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/16/15 11:51	
Iodomethane	mg/kg	ND	0.10	04/16/15 11:51	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/16/15 11:51	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/16/15 11:51	
Methylene Chloride	mg/kg	ND	0.020	04/16/15 11:51	
n-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
n-Hexane	mg/kg	ND	0.0050	04/16/15 11:51	
n-Propylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/16/15 11:51	
sec-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Styrene	mg/kg	ND	0.0050	04/16/15 11:51	
tert-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:51	
Tetrachloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
Toluene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:51	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/16/15 11:51	
Trichloroethene	mg/kg	ND	0.0050	04/16/15 11:51	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/16/15 11:51	
Vinyl acetate	mg/kg	ND	0.10	04/16/15 11:51	
Vinyl chloride	mg/kg	ND	0.0050	04/16/15 11:51	
Xylene (Total)	mg/kg	ND	0.010	04/16/15 11:51	
4-Bromofluorobenzene (S)	%.	101	56-144	04/16/15 11:51	
Dibromofluoromethane (S)	%.	97	85-118	04/16/15 11:51	
Toluene-d8 (S)	%.	93	71-128	04/16/15 11:51	

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.055	110	62-123	
1,1,1-Trichloroethane	mg/kg	.05	0.056	111	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.055	109	65-124	
1,1,2-Trichloroethane	mg/kg	.05	0.049	98	74-129	
1,1-Dichloroethane	mg/kg	.05	0.051	102	73-130	
1,1-Dichloroethene	mg/kg	.05	0.052	103	66-126	
1,1-Dichloropropene	mg/kg	.05	0.058	117	78-125	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	.05	0.052	103	66-131	
1,2,3-Trichloropropane	mg/kg	.05	0.055	110	44-157	
1,2,4-Trichlorobenzene	mg/kg	.05	0.052	105	68-129	
1,2,4-Trimethylbenzene	mg/kg	.05	0.052	104	67-126	
1,2-Dibromoethane (EDB)	mg/kg	.05	0.053	105	74-120	
1,2-Dichlorobenzene	mg/kg	.05	0.051	103	73-122	
1,2-Dichloroethane	mg/kg	.05	0.051	101	73-127	
1,2-Dichloropropane	mg/kg	.05	0.053	105	75-118	
1,3,5-Trimethylbenzene	mg/kg	.05	0.052	105	65-127	
1,3-Dichlorobenzene	mg/kg	.05	0.051	102	73-121	
1,3-Dichloropropane	mg/kg	.05	0.052	104	72-121	
1,4-Dichlorobenzene	mg/kg	.05	0.051	101	75-119	
2,2-Dichloropropane	mg/kg	.05	0.059	118	63-122	
2-Butanone (MEK)	mg/kg	.25	0.26	102	59-139	
2-Chlorotoluene	mg/kg	.05	0.051	103	72-121	
2-Hexanone	mg/kg	.25	0.28	114	56-139	
4-Chlorotoluene	mg/kg	.05	0.052	103	75-123	
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.28	111	63-136	
Acetone	mg/kg	.25	0.25	98	46-156	
Acrolein	mg/kg	1	1.3	125	47-200	
Acrylonitrile	mg/kg	.2	0.20	99	67-130	
Benzene	mg/kg	.05	0.052	103	74-119	
Bromobenzene	mg/kg	.05	0.067	133	69-129	L3
Bromochloromethane	mg/kg	.05	0.049	98	67-129	
Bromodichloromethane	mg/kg	.05	0.049	98	68-121	
Bromoform	mg/kg	.05	0.052	104	49-124	
Bromomethane	mg/kg	.05	0.050	99	44-142	
Carbon disulfide	mg/kg	.05	0.053	105	61-129	
Carbon tetrachloride	mg/kg	.05	0.058	116	58-127	
Chlorobenzene	mg/kg	.05	0.051	102	77-122	
Chloroethane	mg/kg	.05	0.056	111	59-141	
Chloroform	mg/kg	.05	0.046	92	75-124	
Chloromethane	mg/kg	.05	0.048	96	46-133	
cis-1,2-Dichloroethene	mg/kg	.05	0.050	100	72-122	
cis-1,3-Dichloropropene	mg/kg	.05	0.057	114	68-115	
Dibromochloromethane	mg/kg	.05	0.051	102	60-121	
Dibromomethane	mg/kg	.05	0.053	106	72-124	
Dichlorodifluoromethane	mg/kg	.05	0.056	113	26-186	
Ethyl methacrylate	mg/kg	.2	0.23	113	63-130	
Ethylbenzene	mg/kg	.05	0.051	101	72-123	
Hexachloro-1,3-butadiene	mg/kg	.05	0.050	101	55-139	
Iodomethane	mg/kg	.1	0.10	104	38-149	
Isopropylbenzene (Cumene)	mg/kg	.05	0.058	115	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.051	101	68-120	
Methylene Chloride	mg/kg	.05	0.040	79	57-142	
n-Butylbenzene	mg/kg	.05	0.054	107	68-125	
n-Hexane	mg/kg	.05	0.048	95	57-117	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	mg/kg	.05	0.053	106	68-122	
p-Isopropyltoluene	mg/kg	.05	0.052	103	66-133	
sec-Butylbenzene	mg/kg	.05	0.056	112	64-131	
Styrene	mg/kg	.05	0.052	105	70-126	
tert-Butylbenzene	mg/kg	.05	0.051	102	46-124	
Tetrachloroethene	mg/kg	.05	0.051	101	72-126	
Toluene	mg/kg	.05	0.047	94	71-121	
trans-1,2-Dichloroethene	mg/kg	.05	0.051	103	69-123	
trans-1,3-Dichloropropene	mg/kg	.05	0.059	118	66-114	L3
trans-1,4-Dichloro-2-butene	mg/kg	.2	0.22	112	61-124	
Trichloroethene	mg/kg	.05	0.050	100	74-123	
Trichlorofluoromethane	mg/kg	.05	0.062	124	72-146	
Vinyl acetate	mg/kg	.2	0.23	116	57-131	
Vinyl chloride	mg/kg	.05	0.056	112	55-128	
Xylene (Total)	mg/kg	.15	0.15	101	66-124	
4-Bromofluorobenzene (S)	%.			99	56-144	
Dibromofluoromethane (S)	%.			96	85-118	
Toluene-d8 (S)	%.			97	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: MSV/75685 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

METHOD BLANK: 1276585 Matrix: Solid
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,1-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1,2-Trichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
1,1-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,3-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,3-Trichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,4-Trichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2,4-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
1,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,3,5-Trimethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,3-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
1,3-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
1,4-Dichlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
2,2-Dichloropropane	mg/kg	ND	0.0050	04/16/15 11:32	
2-Butanone (MEK)	mg/kg	ND	0.025	04/16/15 11:32	
2-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:32	
2-Hexanone	mg/kg	ND	0.10	04/16/15 11:32	
4-Chlorotoluene	mg/kg	ND	0.0050	04/16/15 11:32	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.025	04/16/15 11:32	
Acetone	mg/kg	ND	0.10	04/16/15 11:32	
Acrolein	mg/kg	ND	0.10	04/16/15 11:32	
Acrylonitrile	mg/kg	ND	0.10	04/16/15 11:32	
Benzene	mg/kg	ND	0.0050	04/16/15 11:32	
Bromobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Bromochloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Bromodichloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Bromoform	mg/kg	ND	0.0050	04/16/15 11:32	
Bromomethane	mg/kg	ND	0.0050	04/16/15 11:32	
Carbon disulfide	mg/kg	ND	0.010	04/16/15 11:32	
Carbon tetrachloride	mg/kg	ND	0.0050	04/16/15 11:32	
Chlorobenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Chloroethane	mg/kg	ND	0.0050	04/16/15 11:32	
Chloroform	mg/kg	ND	0.0050	04/16/15 11:32	
Chloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
cis-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

METHOD BLANK: 1276585 Matrix: Solid
Associated Lab Samples: 50116587019, 50116587020, 50116587021, 50116587022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
Dibromochloromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Dibromomethane	mg/kg	ND	0.0050	04/16/15 11:32	
Dichlorodifluoromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Ethyl methacrylate	mg/kg	ND	0.10	04/16/15 11:32	
Ethylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Hexachloro-1,3-butadiene	mg/kg	ND	0.0050	04/16/15 11:32	
Iodomethane	mg/kg	ND	0.10	04/16/15 11:32	
Isopropylbenzene (Cumene)	mg/kg	ND	0.0050	04/16/15 11:32	
Methyl-tert-butyl ether	mg/kg	ND	0.0050	04/16/15 11:32	
Methylene Chloride	mg/kg	ND	0.020	04/16/15 11:32	
n-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
n-Hexane	mg/kg	ND	0.0050	04/16/15 11:32	
n-Propylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
p-Isopropyltoluene	mg/kg	ND	0.0050	04/16/15 11:32	
sec-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Styrene	mg/kg	ND	0.0050	04/16/15 11:32	
tert-Butylbenzene	mg/kg	ND	0.0050	04/16/15 11:32	
Tetrachloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
Toluene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,2-Dichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,3-Dichloropropene	mg/kg	ND	0.0050	04/16/15 11:32	
trans-1,4-Dichloro-2-butene	mg/kg	ND	0.10	04/16/15 11:32	
Trichloroethene	mg/kg	ND	0.0050	04/16/15 11:32	
Trichlorofluoromethane	mg/kg	ND	0.0050	04/16/15 11:32	
Vinyl acetate	mg/kg	ND	0.10	04/16/15 11:32	
Vinyl chloride	mg/kg	ND	0.0050	04/16/15 11:32	
Xylene (Total)	mg/kg	ND	0.010	04/16/15 11:32	
4-Bromofluorobenzene (S)	%.	100	56-144	04/16/15 11:32	
Dibromofluoromethane (S)	%.	96	85-118	04/16/15 11:32	
Toluene-d8 (S)	%.	94	71-128	04/16/15 11:32	

LABORATORY CONTROL SAMPLE: 1276586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	.05	0.057	114	70-123	
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.054	109	65-124	
1,1-Dichloroethene	mg/kg	.05	0.054	108	66-126	
1,2,4-Trimethylbenzene	mg/kg	.05	0.054	109	67-126	
1,2-Dichloropropane	mg/kg	.05	0.053	106	75-118	
Benzene	mg/kg	.05	0.053	105	74-119	
Chlorobenzene	mg/kg	.05	0.053	105	77-122	
Chloroform	mg/kg	.05	0.048	96	75-124	
Ethylbenzene	mg/kg	.05	0.052	104	72-123	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1276586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	.05	0.058	116	65-123	
Methyl-tert-butyl ether	mg/kg	.05	0.050	101	68-120	
Tetrachloroethene	mg/kg	.05	0.052	105	72-126	
Toluene	mg/kg	.05	0.047	94	71-121	
Trichloroethene	mg/kg	.05	0.055	109	74-123	
Vinyl chloride	mg/kg	.05	0.057	115	55-128	
Xylene (Total)	mg/kg	.15	0.16	105	66-124	
4-Bromofluorobenzene (S)	%.			99	56-144	
Dibromofluoromethane (S)	%.			98	85-118	
Toluene-d8 (S)	%.			96	71-128	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39030 — Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1277362 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	04/17/15 20:43	
2-Methylnaphthalene	ug/L	ND	1.0	04/17/15 20:43	
Acenaphthene	ug/L	ND	1.0	04/17/15 20:43	
Acenaphthylene	ug/L	ND	1.0	04/17/15 20:43	
Anthracene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(a)anthracene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(a)pyrene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/17/15 20:43	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/17/15 20:43	
Chrysene	ug/L	ND	0.50	04/17/15 20:43	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/17/15 20:43	
Fluoranthene	ug/L	ND	1.0	04/17/15 20:43	
Fluorene	ug/L	ND	1.0	04/17/15 20:43	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/17/15 20:43	
Naphthalene	ug/L	ND	1.0	04/17/15 20:43	
Phenanthrene	ug/L	ND	1.0	04/17/15 20:43	
Pyrene	ug/L	ND	1.0	04/17/15 20:43	
2-Fluorobiphenyl (S)	%.	57	21-114	04/17/15 20:43	
p-Terphenyl-d14 (S)	%.	95	25-131	04/17/15 20:43	

LABORATORY CONTROL SAMPLE: 1277363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	10	5.0	50	29-112	
2-Methylnaphthalene	ug/L	10	4.6	46	29-110	
Acenaphthene	ug/L	10	6.4	64	39-117	
Acenaphthylene	ug/L	10	7.1	71	40-120	
Anthracene	ug/L	10	8.8	88	48-126	
Benzo(a)anthracene	ug/L	10	10.7	107	51-134	
Benzo(a)pyrene	ug/L	10	8.1	81	48-141	
Benzo(b)fluoranthene	ug/L	10	8.0	80	49-139	
Benzo(g,h,i)perylene	ug/L	10	6.6	66	44-134	
Benzo(k)fluoranthene	ug/L	10	8.5	85	48-140	
Chrysene	ug/L	10	9.7	97	53-136	
Dibenz(a,h)anthracene	ug/L	10	6.7	67	44-132	
Fluoranthene	ug/L	10	10	100	50-135	
Fluorene	ug/L	10	7.5	75	44-124	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1277363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	10	7.0	70	45-132	
Naphthalene	ug/L	10	4.5	45	30-112	
Phenanthrene	ug/L	10	8.8	88	47-128	
Pyrene	ug/L	10	10.2	102	50-134	
2-Fluorobiphenyl (S)	%.			49	21-114	
p-Terphenyl-d14 (S)	%.			103	25-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1277364 1277365

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	10	10	5.3	5.7	53	57	10-135	8	20	
2-Methylnaphthalene	ug/L	ND	10	10	4.8	5.2	48	52	16-116	8	20	
Acenaphthene	ug/L	ND	10	10	6.2	6.6	62	66	28-116	6	20	
Acenaphthylene	ug/L	ND	10	10	6.7	7.0	67	70	34-115	4	20	
Anthracene	ug/L	ND	10	10	8.2	7.6	82	76	39-121	7	20	
Benzo(a)anthracene	ug/L	ND	10	10	8.0	5.6	80	56	31-127	35	20	R1
Benzo(a)pyrene	ug/L	ND	10	10	3.5	2.8	35	28	10-121	23	20	R1
Benzo(b)fluoranthene	ug/L	ND	10	10	4.3	2.9	43	29	10-119	40	20	R1
Benzo(g,h,i)perylene	ug/L	ND	10	10	2.9	2.6	29	26	10-108	11	20	
Benzo(k)fluoranthene	ug/L	ND	10	10	3.4	3.2	34	32	10-118	5	20	
Chrysene	ug/L	ND	10	10	7.5	5.3	75	53	32-127	34	20	R1
Dibenz(a,h)anthracene	ug/L	ND	10	10	3.1	2.8	31	28	10-104	13	20	
Fluoranthene	ug/L	ND	10	10	9.8	9.0	98	90	38-131	9	20	
Fluorene	ug/L	ND	10	10	7.1	7.2	71	72	33-121	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	10	3.1	2.7	31	27	10-108	12	20	
Naphthalene	ug/L	ND	10	10	5.0	5.4	50	54	16-119	8	20	
Phenanthrene	ug/L	ND	10	10	8.3	8.2	83	82	32-130	1	20	
Pyrene	ug/L	ND	10	10	9.8	9.2	98	92	39-131	7	20	
2-Fluorobiphenyl (S)	%.						49	57	21-114			
p-Terphenyl-d14 (S)	%.						85	72	25-131			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39006 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

METHOD BLANK: 1275363 Matrix: Solid
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
Acenaphthene	mg/kg	ND	0.0050	04/16/15 21:47	
Acenaphthylene	mg/kg	ND	0.0050	04/16/15 21:47	
Anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/16/15 21:47	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Chrysene	mg/kg	ND	0.0050	04/16/15 21:47	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/16/15 21:47	
Fluoranthene	mg/kg	ND	0.0050	04/16/15 21:47	
Fluorene	mg/kg	ND	0.0050	04/16/15 21:47	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
Naphthalene	mg/kg	ND	0.0050	04/16/15 21:47	
Phenanthrene	mg/kg	ND	0.0050	04/16/15 21:47	
Pyrene	mg/kg	ND	0.0050	04/16/15 21:47	
2-Fluorobiphenyl (S)	%.	68	38-110	04/16/15 21:47	
p-Terphenyl-d14 (S)	%.	86	32-111	04/16/15 21:47	

LABORATORY CONTROL SAMPLE: 1275364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	.33	0.27	82	40-102	
2-Methylnaphthalene	mg/kg	.33	0.26	78	39-104	
Acenaphthene	mg/kg	.33	0.26	77	43-108	
Acenaphthylene	mg/kg	.33	0.26	77	44-110	
Anthracene	mg/kg	.33	0.27	80	44-112	
Benzo(a)anthracene	mg/kg	.33	0.31	94	43-124	
Benzo(a)pyrene	mg/kg	.33	0.37	112	44-124	
Benzo(b)fluoranthene	mg/kg	.33	0.39	116	44-123	
Benzo(g,h,i)perylene	mg/kg	.33	0.35	105	44-118	
Benzo(k)fluoranthene	mg/kg	.33	0.35	104	42-122	
Chrysene	mg/kg	.33	0.30	89	44-124	
Dibenz(a,h)anthracene	mg/kg	.33	0.36	107	44-119	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	.33	0.32	95	45-119	
Fluorene	mg/kg	.33	0.27	82	44-113	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	0.36	109	44-119	
Naphthalene	mg/kg	.33	0.26	78	42-103	
Phenanthrene	mg/kg	.33	0.29	86	44-113	
Pyrene	mg/kg	.33	0.30	90	45-123	
2-Fluorobiphenyl (S)	%.			67	38-110	
p-Terphenyl-d14 (S)	%.			83	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275365 1275366

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	ND	.38	.38	0.28	0.28	73	73	20-116	1	20	
2-Methylnaphthalene	mg/kg	ND	.38	.38	0.27	0.27	70	70	10-131	0	20	
Acenaphthene	mg/kg	ND	.38	.38	0.26	0.26	68	67	25-117	1	20	
Acenaphthylene	mg/kg	ND	.38	.38	0.26	0.26	68	67	27-123	2	20	
Anthracene	mg/kg	ND	.38	.38	0.28	0.28	73	74	20-123	1	20	
Benzo(a)anthracene	mg/kg	ND	.38	.38	0.30	0.30	78	79	23-124	1	20	
Benzo(a)pyrene	mg/kg	ND	.38	.38	0.35	0.36	91	92	23-120	2	20	
Benzo(b)fluoranthene	mg/kg	ND	.38	.38	0.34	0.38	89	100	24-117	11	20	
Benzo(g,h,i)perylene	mg/kg	ND	.38	.38	0.32	0.34	82	90	12-122	8	20	
Benzo(k)fluoranthene	mg/kg	ND	.38	.38	0.33	0.32	85	82	14-123	3	20	
Chrysene	mg/kg	ND	.38	.38	0.28	0.29	73	75	22-124	2	20	
Dibenz(a,h)anthracene	mg/kg	ND	.38	.38	0.33	0.36	87	94	26-113	8	20	
Fluoranthene	mg/kg	ND	.38	.38	0.30	0.30	77	79	21-125	2	20	
Fluorene	mg/kg	ND	.38	.38	0.28	0.27	73	71	19-127	2	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	.38	.38	0.33	0.36	86	94	15-121	9	20	
Naphthalene	mg/kg	ND	.38	.38	0.27	0.27	70	69	15-125	1	20	
Phenanthrene	mg/kg	ND	.38	.38	0.29	0.29	75	75	10-139	1	20	
Pyrene	mg/kg	ND	.38	.38	0.31	0.28	80	74	17-132	8	20	
2-Fluorobiphenyl (S)	%.						66	61	38-110			
p-Terphenyl-d14 (S)	%.						77	73	32-111			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: OEXT/39007
QC Batch Method: EPA 3546
Associated Lab Samples: 50116587021

Analysis Method: EPA 8270 by SIM
Analysis Description: 8270 MSSV PAH by SIM

METHOD BLANK: 1275372
Matrix: Solid
Associated Lab Samples: 50116587021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
Acenaphthene	mg/kg	ND	0.0050	04/16/15 16:30	
Acenaphthylene	mg/kg	ND	0.0050	04/16/15 16:30	
Anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/16/15 16:30	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Chrysene	mg/kg	ND	0.0050	04/16/15 16:30	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/16/15 16:30	
Fluoranthene	mg/kg	ND	0.0050	04/16/15 16:30	
Fluorene	mg/kg	ND	0.0050	04/16/15 16:30	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
Naphthalene	mg/kg	ND	0.0050	04/16/15 16:30	
Phenanthrene	mg/kg	ND	0.0050	04/16/15 16:30	
Pyrene	mg/kg	ND	0.0050	04/16/15 16:30	
2-Fluorobiphenyl (S)	%.	73	38-110	04/16/15 16:30	
p-Terphenyl-d14 (S)	%.	89	32-111	04/16/15 16:30	

LABORATORY CONTROL SAMPLE: 1275373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	.33	0.22	67	40-102	
2-Methylnaphthalene	mg/kg	.33	0.21	64	39-104	
Acenaphthene	mg/kg	.33	0.22	67	43-108	
Acenaphthylene	mg/kg	.33	0.23	68	44-110	
Anthracene	mg/kg	.33	0.24	72	44-112	
Benzo(a)anthracene	mg/kg	.33	0.28	83	43-124	
Benzo(a)pyrene	mg/kg	.33	0.33	99	44-124	
Benzo(b)fluoranthene	mg/kg	.33	0.34	103	44-123	
Benzo(g,h,i)perylene	mg/kg	.33	0.30	90	44-118	
Benzo(k)fluoranthene	mg/kg	.33	0.30	91	42-122	
Chrysene	mg/kg	.33	0.26	78	44-124	
Dibenz(a,h)anthracene	mg/kg	.33	0.31	94	44-119	
Fluoranthene	mg/kg	.33	0.26	79	45-119	
Fluorene	mg/kg	.33	0.25	74	44-113	
Indeno(1,2,3-cd)pyrene	mg/kg	.33	0.32	96	44-119	
Naphthalene	mg/kg	.33	0.22	66	42-103	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

LABORATORY CONTROL SAMPLE: 1275373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	mg/kg	.33	0.25	75	44-113	
Pyrene	mg/kg	.33	0.26	77	45-123	
2-Fluorobiphenyl (S)	%.			60	38-110	
p-Terphenyl-d14 (S)	%.			74	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275374 1275375

Parameter	Units	50116587021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.044	.38	.38	0.30	0.30	66	65	20-116	1	20	
2-Methylnaphthalene	mg/kg	0.042	.38	.38	0.29	0.29	63	64	10-131	2	20	
Acenaphthene	mg/kg	0.014	.38	.38	0.28	0.29	69	71	25-117	4	20	
Acenaphthylene	mg/kg	0.11	.38	.38	0.32	0.37	54	66	27-123	14	20	
Anthracene	mg/kg	0.13	.38	.38	0.35	0.40	58	69	20-123	13	20	
Benzo(a)anthracene	mg/kg	0.40	.38	.38	0.53	0.71	33	80	23-124	29	20	R1
Benzo(a)pyrene	mg/kg	0.41	.38	.38	0.57	0.75	42	87	23-120	27	20	R1
Benzo(b)fluoranthene	mg/kg	0.39	.38	.38	0.58	0.76	50	96	24-117	27	20	R1
Benzo(g,h,i)perylene	mg/kg	0.24	.38	.38	0.45	0.55	55	81	12-122	21	20	R1
Benzo(k)fluoranthene	mg/kg	0.40	.38	.38	0.58	0.69	47	75	14-123	18	20	
Chrysene	mg/kg	0.43	.38	.38	0.56	0.73	34	75	22-124	25	20	R1
Dibenz(a,h)anthracene	mg/kg	0.14	.38	.38	0.42	0.49	74	90	26-113	14	20	
Fluoranthene	mg/kg	0.85	.38	.38	0.75	1.0	-26	39	21-125	29	20	M0,R1
Fluorene	mg/kg	0.060	.38	.38	0.30	0.32	62	67	19-127	7	20	
Indeno(1,2,3-cd)pyrene	mg/kg	0.24	.38	.38	0.47	0.56	59	82	15-121	18	20	
Naphthalene	mg/kg	0.075	.38	.38	0.30	0.31	58	61	15-125	5	20	
Phenanthrene	mg/kg	0.70	.38	.38	0.59	0.71	-27	5	10-139	19	20	M0
Pyrene	mg/kg	0.67	.38	.38	0.66	0.92	-3	63	17-132	33	20	M0,R1
2-Fluorobiphenyl (S)	%.						70	68	38-110			
p-Terphenyl-d14 (S)	%.						80	85	32-111			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: PMST/10536
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50116587021

SAMPLE DUPLICATE: 1276050

Parameter	Units	50116133005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.6	16.4	13	5	R1

SAMPLE DUPLICATE: 1276051

Parameter	Units	50116133006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.8	21.8	5	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: PMST/10537 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50116587001, 50116587002, 50116587003, 50116587004, 50116587005, 50116587006, 50116587007, 50116587008, 50116587009, 50116587010, 50116587011, 50116587012, 50116587013, 50116587014, 50116587015, 50116587016, 50116587017, 50116587018, 50116587019, 50116587020

SAMPLE DUPLICATE: 1276076

Parameter	Units	50116587003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.8	14.6	5	5	

SAMPLE DUPLICATE: 1276077

Parameter	Units	50116587019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.6	17.3	1	5	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: WET/21424 — Analysis Method: EPA 7196A
QC Batch Method: EPA 3060A — Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 50116587001, 50116587003, 50116587004, 50116587005, 50116587011

METHOD BLANK: 1283792 — Matrix: Solid
Associated Lab Samples: 50116587001, 50116587003, 50116587004, 50116587005, 50116587011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	mg/kg	2.3	2.0	04/29/15 11:29	1d

LABORATORY CONTROL SAMPLE: 1283793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	mg/kg	966	654	68	80-120	L5

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1283794 1283795

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/kg	ND	1110	1110	986	955	89	86	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1283796 1283797

Parameter	Units	50116587003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	mg/kg	ND	45.8	45.8	35.8	32.7	76	69	75-125	9	20	M0

SAMPLE DUPLICATE: 1283798

Parameter	Units	50117211009 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	mg/kg	ND	.43J		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: 222 N. Alabama Street
Pace Project No.: 50116587

QC Batch: WET/21158 — Analysis Method: EPA 7196
QC Batch Method: EPA 7196 — Analysis Description: 7196 Chromium, Hexavalent
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

METHOD BLANK: 1275835 — Matrix: Water
Associated Lab Samples: 50116587023, 50116587024, 50116587025, 50116587026, 50116587027, 50116587028, 50116587029, 50116587030, 50116587031, 50116587032, 50116587033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium, Hexavalent	ug/L	ND	10.0	04/15/15 13:43	

LABORATORY CONTROL SAMPLE: 1275836

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	500	528	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1275837 1275838

Parameter	Units	50116587023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chromium, Hexavalent	ug/L	ND	500	500	486	498	96	99	85-115	2	20	

MATRIX SPIKE SAMPLE: 1275839

Parameter	Units	50116595001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium, Hexavalent	ug/L	ND	50000	52000	103	85-115	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: 222 N. Alabama Street
Pace Project No.: 50116587

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: ICP/19289

[1] ICSAB failed low for Ba, Cr, Cu, Ni, Pb, Se, Zn due to improperly prepared standard. Batch acceptance based on all other QC indicators passing within their respective limits. FRW 4-15-15

ANALYTE QUALIFIERS

1d	Analyte was detected in the blank. All samples were non detect. td 4/29/15
2d	Compound ND in MS and MSD. Refer to the LCS for system control. BJG 04-16-15
3d	Due to the extract's physical characteristics, the analysis was performed at dilution.
4d	Multiple compounds have a RPD greater than the RPD max refer to the LCS for system control. BJG 04-16-15
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
L5	LCS recovery exceeded QC limits. Batch accepted based on matrix spike recovery within LCS limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587001	**GP-1(0-4)**	EPA 3050	MPRP/15907	EPA 6010	ICP/19289
50116587002	**GP-1(24-26)**	EPA 3050	MPRP/15907	EPA 6010	ICP/19289
50116587003	**GP-2(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587004	**GP-2(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587005	**GP-3(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587006	**GP-3(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587007	**GP-4(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587008	**GP-4(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587009	**GP-5(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587010	**GP-5(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587011	**GP-6(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587012	**GP-6(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587013	**GP-7(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587014	**GP-7(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587015	**GP-8(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587016	**GP-8(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587017	**GP-9(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587018	**GP-9(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587019	**GP-10(0-4)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587020	**GP-10(24-26)**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587021	**DUP**	EPA 3050	MPRP/15908	EPA 6010	ICP/19290
50116587023	**GP-1W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587024	**GP-2W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587025	**GP-3W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587026	**GP-4W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587027	**GP-5W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587028	**GP-6W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587029	**GP-7W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587030	**GP-8W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587031	**GP-9W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587032	**GP-10W**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587033	**DUP**	EPA 3010	MPRP/15925	EPA 6010	ICP/19318
50116587023	**GP-1W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587024	**GP-2W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587025	**GP-3W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587026	**GP-4W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587027	**GP-5W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587028	**GP-6W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587029	**GP-7W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587030	**GP-8W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587031	**GP-9W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587032	**GP-10W**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587033	**DUP**	EPA 7470	MERP/6285	EPA 7470	MERC/7142
50116587001	**GP-1(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587002	**GP-1(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587003	**GP-2(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587004	**GP-2(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587005	**GP-3(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587006	**GP-3(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587007	**GP-4(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587008	**GP-4(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587009	**GP-5(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587010	**GP-5(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587011	**GP-6(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587012	**GP-6(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587013	**GP-7(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587014	**GP-7(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587015	**GP-8(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587016	**GP-8(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587017	**GP-9(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587018	**GP-9(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587019	**GP-10(0-4)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587020	**GP-10(24-26)**	EPA 7471	MERP/6280	EPA 7471	MERC/7147
50116587021	**DUP**	EPA 7471	MERP/6281	EPA 7471	MERC/7148
50116587023	**GP-1W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587024	**GP-2W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587025	**GP-3W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587026	**GP-4W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587027	**GP-5W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587028	**GP-6W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587029	**GP-7W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587030	**GP-8W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587031	**GP-9W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587032	**GP-10W**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587033	**DUP**	EPA 3510	OEXT/39030	EPA 8270 by SIM LVE	MSSV/17729
50116587001	**GP-1(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587002	**GP-1(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587003	**GP-2(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587004	**GP-2(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587005	**GP-3(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587006	**GP-3(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587007	**GP-4(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587008	**GP-4(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587009	**GP-5(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587010	**GP-5(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587011	**GP-6(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587012	**GP-6(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587013	**GP-7(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587014	**GP-7(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587015	**GP-8(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587016	**GP-8(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587017	**GP-9(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587018	**GP-9(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587019	**GP-10(0-4)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587020	**GP-10(24-26)**	EPA 3546	OEXT/39006	EPA 8270 by SIM	MSSV/17716
50116587021	**DUP**	EPA 3546	OEXT/39007	EPA 8270 by SIM	MSSV/17717
50116587023	**GP-1W**	EPA 8260	MSV/75650		
50116587024	**GP-2W**	EPA 8260	MSV/75650		
50116587025	**GP-3W**	EPA 8260	MSV/75650		
50116587026	**GP-4W**	EPA 8260	MSV/75650		
50116587027	**GP-5W**	EPA 8260	MSV/75650		
50116587028	**GP-6W**	EPA 8260	MSV/75650		
50116587029	**GP-7W**	EPA 8260	MSV/75650		
50116587030	**GP-8W**	EPA 8260	MSV/75650		
50116587031	**GP-9W**	EPA 8260	MSV/75650		
50116587032	**GP-10W**	EPA 8260	MSV/75650		
50116587033	**DUP**	EPA 8260	MSV/75678		
50116587034	**TRIP BLANK**	EPA 8260	MSV/75678		
50116587001	**GP-1(0-4)**	EPA 8260	MSV/75647		
50116587002	**GP-1(24-26)**	EPA 8260	MSV/75647		
50116587003	**GP-2(0-4)**	EPA 8260	MSV/75647		
50116587004	**GP-2(24-26)**	EPA 8260	MSV/75647		
50116587005	**GP-3(0-4)**	EPA 8260	MSV/75647		
50116587006	**GP-3(24-26)**	EPA 8260	MSV/75647		
50116587007	**GP-4(0-4)**	EPA 8260	MSV/75647		
50116587008	**GP-4(24-26)**	EPA 8260	MSV/75647		
50116587009	**GP-5(0-4)**	EPA 8260	MSV/75684		
50116587010	**GP-5(24-26)**	EPA 8260	MSV/75684		
50116587011	**GP-6(0-4)**	EPA 8260	MSV/75684		
50116587012	**GP-6(24-26)**	EPA 8260	MSV/75684		
50116587013	**GP-7(0-4)**	EPA 8260	MSV/75684		
50116587014	**GP-7(24-26)**	EPA 8260	MSV/75684		
50116587015	**GP-8(0-4)**	EPA 8260	MSV/75684		
50116587016	**GP-8(24-26)**	EPA 8260	MSV/75684		
50116587017	**GP-9(0-4)**	EPA 8260	MSV/75684		
50116587018	**GP-9(24-26)**	EPA 8260	MSV/75684		
50116587019	**GP-10(0-4)**	EPA 8260	MSV/75685		
50116587020	**GP-10(24-26)**	EPA 8260	MSV/75685		
50116587021	**DUP**	EPA 8260	MSV/75685		
50116587022	**TRIP BLANK**	EPA 8260	MSV/75685		
50116587001	**GP-1(0-4)**	ASTM D2974-87	PMST/10537		
50116587002	**GP-1(24-26)**	ASTM D2974-87	PMST/10537		
50116587003	**GP-2(0-4)**	ASTM D2974-87	PMST/10537		
50116587004	**GP-2(24-26)**	ASTM D2974-87	PMST/10537		
50116587005	**GP-3(0-4)**	ASTM D2974-87	PMST/10537		
50116587006	**GP-3(24-26)**	ASTM D2974-87	PMST/10537		
50116587007	**GP-4(0-4)**	ASTM D2974-87	PMST/10537		
50116587008	**GP-4(24-26)**	ASTM D2974-87	PMST/10537		
50116587009	**GP-5(0-4)**	ASTM D2974-87	PMST/10537		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 222 N. Alabama Street
Pace Project No.: 50116587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50116587010	**GP-5(24-26)**	ASTM D2974-87	PMST/10537		
50116587011	**GP-6(0-4)**	ASTM D2974-87	PMST/10537		
50116587012	**GP-6(24-26)**	ASTM D2974-87	PMST/10537		
50116587013	**GP-7(0-4)**	ASTM D2974-87	PMST/10537		
50116587014	**GP-7(24-26)**	ASTM D2974-87	PMST/10537		
50116587015	**GP-8(0-4)**	ASTM D2974-87	PMST/10537		
50116587016	**GP-8(24-26)**	ASTM D2974-87	PMST/10537		
50116587017	**GP-9(0-4)**	ASTM D2974-87	PMST/10537		
50116587018	**GP-9(24-26)**	ASTM D2974-87	PMST/10537		
50116587019	**GP-10(0-4)**	ASTM D2974-87	PMST/10537		
50116587020	**GP-10(24-26)**	ASTM D2974-87	PMST/10537		
50116587021	**DUP**	ASTM D2974-87	PMST/10536		
50116587001	**GP-1(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587003	**GP-2(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587004	**GP-2(24-26)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587005	**GP-3(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587011	**GP-6(0-4)**	EPA 3060A	WET/21424	EPA 7196A	WET/21476
50116587023	**GP-1W**	EPA 7196	WET/21158		
50116587024	**GP-2W**	EPA 7196	WET/21158		
50116587025	**GP-3W**	EPA 7196	WET/21158		
50116587026	**GP-4W**	EPA 7196	WET/21158		
50116587027	**GP-5W**	EPA 7196	WET/21158		
50116587028	**GP-6W**	EPA 7196	WET/21158		
50116587029	**GP-7W**	EPA 7196	WET/21158		
50116587030	**GP-8W**	EPA 7196	WET/21158		
50116587031	**GP-9W**	EPA 7196	WET/21158		
50116587032	**GP-10W**	EPA 7196	WET/21158		
50116587033	**DUP**	EPA 7196	WET/21158		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 3

1922461

Section A Required Client Information:

Company: IWM Consulting
Address: 7428 Rockville Rd
Indpls, IN 46214
Email To: Brad Gentry
Phone: 3173471111 Fax: 3173479326
Requested Due Date/TAT: Std

Section B Required Project Information:

Report To: Brad Gentry
Copy To: Chris Newell
Purchase Order No.:
Project Name: 222 N. Alabama St.
Project Number:

Section C Invoice Information:

Attention: SAME
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Ken Hunt
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

SD11587

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): VOCs 8260	PAHs 8270 SIM	RCRA-8 Metals	% moist	Hex Chromium Added 4/20/15 per B. Gentry	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-1 (0-4)	SL	G			4/13	0920		5	2						1	2	X	X	X	X	X		-001
2	GP-1 (24-26)						0950		5	2						1	2							-002
3	GP-2 (0-4) (MS/MSD)						1050		15	6						3	6					X		-003
4	GP-2 (24-26)						1135		5	2						1	2					X		-004
5	GP-3 (0-4)						1225															X		-005
6	GP-3 (24-26)						1245																	-006
7	GP-4 (0-4)						1335																	-007
8	GP-4 (24-26)						1405																	-008
9	GP-5 (0-4)						1450																	-009
10	GP-5 (24-26)						1505																	-010
11	GP-6 (0-4)						1540															X		-011
12	GP-6 (24-26)						1610																	-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
G 5 highest Total Cr	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4	Y	N	Y
will have Cr+6 added							3.5			
							2.0			

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Chris Newell
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1922462

Section A Required Client Information:

Company:	IWM Consulting
Address:	7428 Rockville Rd Indpls IN 46214
Email To:	Brad Gentry
Phone: 3173471111	Fax: 3173479326
Requested Due Date/TAT:	Std

Section B Required Project Information:

Report To:	Brad Gentry
Copy To:	Chris Newell
Purchase Order No.:	
Project Name:	222 N. Alabama St.
Project Number:	

Section C Invoice Information:

Attention:	SAME
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Ken Hunt
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): 50116587

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	PAHs 8270 SIM	RCRA 8 Metals	% moist	hex chromium	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-7 (0-4)	SL	G			4/14	0845		5	2						1	2	X	X	X	X			-013
2	GP-7 (24-26)						0900																	-014
3	GP-8 (0-4)						0940																	-015
4	GP-8 (24-26)						1000																	-016
5	GP-9 (0-4)						1040																	-017
6	GP-9 (24-26)						1105																	-018
7	GP-10 (0-4)						1155																	-019
8	GP-10 (24-26)						1210																	-020
9	DUP					4/13	—																	-021
10	Trip Blank			—		4/13	—		3															-022
11	GP-1W (MS/MSD)	WT	G			4/13	1085		2/1	6/2		3/1	9/3	2/1				X	X	X		X		-023
12	GP-2W																	X	X	X		X		-024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4
							3.5
							2.6

client WI

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Newell

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1922460

Section A Required Client Information:

Company:	IWM Consulting
Address:	7428 Rockville Rd Indpls, IN 46214
Email To:	Brad Gentry
Phone: 3173471111	Fax: 3173479326
Requested Due Date/TAT:	Std

Section B Required Project Information:

Report To:	Brad Gentry
Copy To:	Chris Newell
Purchase Order No.:	
Project Name:	222 N. Alabama St.
Project Number:	

Section C Invoice Information:

Attention:	SAMG
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Ken Hunt
Pace Profile #:	

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

50116587

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOCs 8260; SVOCs 8270 SIM; RCRA-8 Metals; hex chromium

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	SVOCs 8270 SIM	RCRA-8 Metals	hex chromium	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GP-3W	WT	G			4/13	1300		7	2		1	3	1				X	X	X	X		025
2	GP-4W	↓	↓			↓	1420		↓	↓		↓	↓	↓				↓	↓	↓	↓		026
3	GP-5W	↓	↓			↓	1515		↓	↓		↓	↓	↓				↓	↓	↓	↓		027
4	GP-6W	↓	↓			↓	1625		↓	↓		↓	↓	↓				↓	↓	↓	↓		028
5	GP-7W	↓	↓			4/14	0915		↓	↓		↓	↓	↓				↓	↓	↓	↓		029
6	GP-8W	↓	↓			↓	1015		↓	↓		↓	↓	↓				↓	↓	↓	↓		030
7	GP-9W	↓	↓			↓	1120		↓	↓		↓	↓	↓				↓	↓	↓	↓		031
8	GP-10W	↓	↓			↓	1225		↓	↓		↓	↓	↓				↓	↓	↓	↓		032
9	DUP	↓	↓			4/13	—		↓	↓		↓	↓	↓				↓	↓	↓	↓		033
10	Trip Blank	↓	↓			4/13	—		3				3					↓					034
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
GP-3W → 10W unpreserved per client for VOCs	[signature]	4/14/15	1415	James Jones	4/14/15	1415	2.4
							3.5
							2.6
client ext							

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Newell

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4/14/15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: IWM Project # 50116587

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer 1534

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer 1 2 3 4 5 6 A B C D E F Type of Ice: ☑ Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable) 2.4, 3.5, 2.6 Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and initials of person examining contents: 4/14/15 JJ

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes ☑No ☐N/A	9. (Circle) HNO3 H2SO4 NaOH HCl All other HNO3
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	10. 1=6P-2W
Trip Blank Present:	☑Yes ☐No ☐N/A	11.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Project Manager Review:		
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13.
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hurf **Date:** 4/14/15

Form F-IN-Q-290-rev.06, 05Aug2014

Sample Container Count

Pace Analytical
www.pacelabs.com

CLIENT: IWM

COC PAGE 1 of 3

COC ID#

Project # 50116587

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4/6 kit	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	_____	pH <2	pH>12	Comments
1			1			4															
2			1			4															
3			3			12															
4			1			4															
5			1			4															
6			1			4															
7			1			4															
8			1			4															
9			1			4															
10			1			4															
11			1			4															
12			1			4															

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

F-IN-Q-270-rev.05,02Apr2014

Sample Container Count

CLIENT: IWM

COC PAGE 2 of 3

COC ID#

Project # 50116587

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	____	pH <2	pH>12	Comments
1			1		4															
2			1		4															
3			1		4															
4			1		4															
5			1		4															
6			1		4															
7			1		4															
8			1		4															
9			1		4															
10					3															
11	9			6					3					3				1		
12	3			2					1					1				1		

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Sample Container Count

CLIENT: LWM

COC PAGE 3 of 3

COC ID#

unpreserved per client

Project # 50116587

Pace Analytical
www.pacelabs.com

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T		pH <2	pH>12	Comments
1	3			2					/					/				✓			
2	3			2					/					/				✓			
3	3			2					/					/				✓			
4	3			2					/					/				✓			
5	3			2					/					/				✓			
6	3			2					/					/				✓			
7	3			2					/					/				/			
8	3			2					/					/				/			
9	3			2					/					/				/			
10	3																				
11																					
12																					

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

F-IN-Q-270-rev.05,02Apr2014

Heartland Environmental Associates, Inc.

ASBESTOS BUILDING INSPECTION REPORT

Former Indianapolis City Hall Building
202 North Alabama Street
Indianapolis, Indiana 46204

December 22, 2015

"Your dependable partner for environmental compliance"

3410 Mishawaka Ave. South Bend, Indiana 46615 Phone 574.289.1191 Fax 574.289.7480

This report is prepared by:

Heartland Environmental Associates, Inc.

3410 Mishawaka Avenue, South Bend, IN 46615

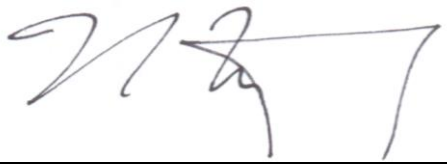
574-289-1191 Fax: 574-289-7480

Prepared for:
The Consolidated City of Indianapolis
and Marion County, Indiana
c/o The City of Indianapolis
Department of Metropolitan Development
200 East Washington Street
Suite 2042
Indianapolis, Indiana 46204-3328

For the Site:

Former Indianapolis City Hall Building
202 North Alabama Street
Indianapolis, Indiana 46204

Report prepared by:



Nivas R. Vijay, CHMM
Heartland Environmental Associates, Inc.
State of Indiana Asbestos Inspector License #197004016

12/22/2015
Date

TABLE OF CONTENTS

Executive Summary 1
1.0 Introduction 2
2.0 Methodology 3
3.0 Sample Locations and Findings 5
4.0 Conclusions and Recommendations 9
5.0 Disclaimer and Signature Page 10

LIST OF FIGURES

Site Location Map ..... Figure 1
Site Location Map (Aerial) ..... Figure 2
1st Floor Layout Plan w/Sample Locations ..... Figure 3
2nd Floor Layout Plan w/Sample Locations ..... Figure 4
3rd Floor Layout Plan w/Sample Locations ..... Figure 5
4th Floor Layout Plan w/Sample Locations ..... Figure 6
Attic Layout Plan w/Sample Locations ..... Figure 7
Roof Layout Plan w/Sample Locations ..... Figure 8
Basement Layout Plan w/Sample Locations ..... Figure 9

LIST OF TABLES

Summary of Sampled and Presumed ACMs (in document) 7

LIST OF APPENDICES

Historic American Buildings Survey Report ..... Appendix A
Certificate of Asbestos Accreditation ..... Appendix B
Standard Operating Procedures for Asbestos Sampling..... Appendix C
Previous Environmental Assessment Reports ..... Appendix D
Laboratory Certificate of Analysis .....Appendix E

EXECUTIVE SUMMARY

Heartland Environmental Associates, Inc. (Heartland) conducted an asbestos building inspection of the former Indianapolis City Hall building located at 202 North Alabama Street in Indianapolis, Indiana. The assessment area consisted of a four-story, partially vacant former City Hall and museum building with basement and partial attic area encompassing approximately 68,000 square feet.

Based upon the results of the asbestos building inspection, **asbestos-containing materials (ACMs) were encountered. These materials included: 1) thermal system insulation (TSI) in the form of pipe wrap and mudded joint insulation wrapping, which is a regulated ACM (RACM) and 2) asphalt roof flashing material, which are classified as Category I, non-friable ACM.**

It is the understanding of Heartland that the buildings will either be renovated or demolished, meeting the definition of renovation and demolition, in accordance with the National Emission Standards for Hazardous Air Pollutant (NESHAP) for the State of Indiana. RACM (TSI) was identified in quantities greater than the written notification requirements (>260 linear feet) specified in Indiana Administrative Code (326 IAC 14-10). **As such, written notification must be submitted to the Indiana Department of Environmental Management (IDEM) at least ten (10) working days prior to any future planned renovation/demolition activities.**

In addition to the asbestos building inspection, Heartland conducted a limited lead-based paint survey, analyzing selected suspect surfaces for lead-in-paint. Based on the results of the lead-based paint survey, **lead-based paint was encountered** in paint coverings in the interior of the building.

1.0 INTRODUCTION

Heartland was provided authorization from the City of Indianapolis Department of Metropolitan Development (City) to conduct an asbestos building inspection of the former Indianapolis City Hall building located at 202 North Alabama Street in Indianapolis, Indiana. The purpose of the inspection was to identify ACMs within the site building. Heartland understands the building is scheduled for potential renovation and/or select interior demolition, therefore this asbestos inspection was requested. A site location map has been provided as Figure 1. A site map depicting the site and surrounding area is provided as Figure 2.

The assessment area consisted of one four-story building with basement and partial attic area encompassing approximately 68,000 square feet. The building was constructed between 1909 and 1910. The exterior of the building is generally rectangular in shape, with dimensions of approximately 188 feet by 133 feet. The building is built on granite foundation with exterior walls built of brick and limestone veneer façade. The interior of the building is built with marble and wood floors overtop wooden decking. Plaster walls and ceilings are present throughout the interior of the building, with drywall walls present in newly constructed offices in select areas of the second and third floor and in the basement. Recessed drop ceilings are present in areas on the first, second and third floor and in the basement. Areas of carpeting and resilient vinyl flooring covered portions of the floors in individual office areas and various rooms. The roof was constructed of built up rubber membrane material overtop wooden decking. New roofing materials were installed in the past ten years, according to information provided to Heartland by the City.

Detailed site construction information was obtained through a review of the Library of Congress Historic American Buildings Survey database. A copy of the *Historic American Buildings Survey*, developed by the National Park Service for the United States Department of the Interior detailing the building is provided in Appendix A.

Reasonable efforts were made to identify suspect ACM within the facility inspected. Heartland acted on the understanding that the buildings would be renovated and/or subjected to select demolition; therefore the inspection was performed using “non-destructive” sampling methods. The manner of the inspection did not compromise the structural integrity of the buildings or endanger the safety of sampling personnel or other contractors/occupants. Due to the nature of the inspection as “non-destructive”, areas behind walls and chases not immediately accessible were not thoroughly inspected.

2.0 METHODOLOGY

On November 30 and December 1, 2015, Mr. Nivas R. Vijay, Senior Project Manager and Mr. Ryan M. Orzechowicz, Project Manager with Heartland completed the inspection of the facility. Mr. Vijay and Mr. Orzechowicz are accredited asbestos building inspectors in the State of Indiana (License# 197004016 & 19A001542). A copy of Mr. Vijay's and Mr. Orzechowicz's Certificate of Asbestos Accreditation has been provided for review in Appendix B. As part of the inspection, Heartland performed the following activities:

- Reviewed historic environmental assessment reports for the site;
- Inspected the construction materials of the buildings;
- Obtained bulk samples for laboratory analysis; and
- Completed a report documenting Heartland's findings.

Based on Heartland's visual assessment of the facility, several types of building materials were considered non-suspect ACMs and therefore were not sampled. These materials include: concrete floors, brick and block, metal fixtures, ceramic tiles, wood and plywood materials, marble and granite improvements and fiberglass insulation.

Based on Heartland's visual inspection, two types of building material were presumed to be ACM:

- TSI (thermal system pipe wrap insulation) in the form of pipe wrapping and mudded insulation on pipe joints were present on vertical and horizontal pipes located throughout the site building.

Heartland identified 17 homogeneous areas of suspect ACMs within the facility buildings. The suspect materials were assessed based on condition of the material and friability (the ability to be crumbled or turned to dust by hand pressure). Heartland utilized disposable nitrile gloves while obtaining samples. The samples were then placed into pre-labeled sealable bags. Further definitions and information on sampling analysis and strategies are included in Appendix C.

In addition to the suspect ACMs, Heartland identified four (4) select potential surfaces of suspect lead-based paint. The suspect materials were assessed based on age, color and weathering with respect to more recently painted surfaces.

Following collection of the samples, Heartland transported the samples under Heartland chain of custody to ACM Engineering and Environmental Services, a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, in South Bend, Indiana. The suspect ACM materials sampled were submitted for Polarized Light Microscopy (PLM) analysis, with the laboratory estimating the percent asbestos by visual inspection. Materials defined as ACM are those that contain greater than 1% asbestos. Materials that are not friable and contain less than 1% asbestos are not considered to be ACM.

Suspect lead-based paint samples were submitted for chemical analysis of lead using United States Environmental Protection Agency (USEPA) SW-846 Method 6010C/7420.

3.0 SAMPLE LOCATIONS AND FINDINGS

3.1 Previous Report Review

Heartland was provided with copies of the following reports to review prior to conducting this building inspection:

- Shrewsberry & Associates, Inc., *Phase II Environmental Study for Asbestos, Lead Paint, Lead and Copper in Drinking Water, and Bacteria and Mold in Air, Former Indiana State Museum*. March 28, 2002.
- Shrewsberry & Associates, Inc., *Asbestos Abatement Closure Report, Old City Hall*. October 17, 2002.

Based on a review of these documents, a Phase II environmental assessment was completed on behalf of the Indianapolis Public Library in March 2002 at the site building. This Phase II was completed to assess for asbestos, lead paint and other interior building environmental concerns. These concerns were being evaluated in select areas based on the Indianapolis Public Library's occupancy and select renovation of areas within the site building.

The Phase II environmental assessment included sampling of plaster walls in areas where renovation and/or demolition of walls were occurring. The assessment also included sampling of drinking water, mold and bacteria samples and paint chip samples for analysis of lead-in-paint. Based on the results of this assessment, plaster samples collected were determined not to be ACM and paint chip samples collected were determined to be non-lead containing.

Additional documents reviewed for the site building indicate that in October 2002, as part of the above referenced renovation, approximately 20 linear feet of TSI pipe insulation and 500 square feet of potentially ACM resilient vinyl flooring materials were abated from the site. Specific locations of these abated materials were not clear within the final reporting of the abatement.

Copies of the above referenced reports have been included in Appendix D. No additional reports pertaining to environmental assessment of the interior of the building were provided for review as part of this building inspection.

3.2 Description of Sample Locations

Heartland personnel obtained 75 bulk samples from 17 homogeneous areas of suspect ACM materials for laboratory analysis. These sampled materials consisted of one type of ceiling tile, nine types of resilient flooring materials and associated mastics, one type of drywall material, three types of plaster material, two types of pipe covering/jacket material and one type of asphalt roof flashing material. Site layout maps depicting floor plan layouts and sample locations are provided as Figures 3 through 9. Please note base site layout maps were provided to Heartland by the City.

Heartland personnel additionally obtained four (4) bulk paint chip samples from four (4) homogeneous areas of suspect lead-based paint. Suspect lead-based paint chip samples were collected from interior surfaces on the 4th Floor only. Please note this lead-based paint analysis was meant to be limited in nature to evaluate for the presence/absence of potential lead based paint containing surfaces.

3.3 Findings

Both friable and Category I non-friable ACMs were identified during the site inspection. These materials consisted of TSI pipe wrap and mudded insulation on pipe joints and asphalt roof flashing material. The TSI are considered friable and thus RACM. The asphalt roof flashing material are considered Category I, non-friable materials and are not typically regulated unless they are subjected to sanding, grinding, abrading, or cutting during renovation or removal.

The TSI was located on vertical and horizontal pipe runs throughout the building, with specific areas of vertical pipe runs identified in utility rooms in the western and eastern corner rooms of each floor of the building. Vertical pipe chases appeared to extend through each floor. Some of the TSI pipe run was identified amidst sections of fiberglass pipe insulation. In several areas, piping had been replaced with newer fiberglass insulation. TSI pipe run was easily identifiable amidst this newer pipe insulation. Numerous pipe connections were also identified with mudded asbestos joints throughout these sections.

Based on Heartland's estimate, approximately 1,000 – 2,500 linear feet of TSI pipe insulation was observed within the site building. Furthermore, approximate 141 mudded joint areas were observed. Heartland approximates anywhere from 141 to 160 mudded joint present. Please note the reasoning for this large range of approximation is due to the "non-destructive" nature of this inspection. Due to the partial occupancy of the site building and the historic interior design, care was taken not to damage or otherwise destroy interior walls and surfaces. Therefore a more accurate quantification of TSI was not possible.

In addition to the TSI and mudded joints, approximately 500 square feet of asphalt roof flashing material located alongside rooftop utility stations was identified as ACM. It should be noted that based on information provided by the City, the overall roof was replaced no earlier than 10 years prior to the date of the inspection. Only flashing material was identified as ACM.

It should be noted in one sample (FT-4A), PLM results indicated the sample contained 3% asbestos. In order to more accurately determine if this material was an ACM, the material was point counted. Point count results determined the samples did not contain asbestos.

Based on the results of the laboratory analytical, lead concentrations exceeding laboratory detection limits were encountered in each of the four (4) samples collected. Furthermore, lead concentrations exceeding the USEPA's definition of lead-based paint (greater than 5,000 parts per million (ppm) or

0.5%) was encountered in two samples (LBP-2 and LBP-3).

A copy of the laboratory's Certificate of Analysis is provided in Appendix E. Table 1 below provides a summary of the materials sampled, as well as the presumed ACM.

Table 1
Summary of Sampled Building Materials
Former Indianapolis City Hall Building
202 North Alabama Street
Indianapolis, Indiana
December 1, 2015

Material/Location	Friable	Category	Asbestos Content	Area (ft^2)*	Sample #
Ceiling Tile – 2' x 2' white or painted w/squiggle pattern, throughout building	No	II	ND	>5,000	CT – 1(A-G)
Floor Tile/Mastic – 9" x 9" white w/gray specks, 1st, 2nd and 3rd Floor, basement	No	I (Mastic Only)	ND	>8,000	FT – 1(A-G)
Floor Tile/Mastic – 12" x 12" gray w/black pattern, 4th Floor	No	I (Mastic Only)	ND	~600	FT – 2(A-C)
Floor Tile/Mastic – 9" x 9" brown mosaic pattern, 3rd Floor	No	I (Mastic Only)	ND	~300	FT – 3(A-C)
Floor Tile/Mastic – 9" x 9" black w/gray specks, 3rd and 4th Floor	No	I (Mastic Only)	**ND****	~3,000	FT – 4(A-E)
Floor Tile/Mastic – 9" x 19" dark gray tile pattern, 3rd Floor	No	I (Mastic Only)	ND	~80	FT – 5(A)
Floor Tile/Mastic – white and black checkerboard pattern vinyl sheet, 3rd Floor	No	I (Mastic Only)	ND	~800	FT – 6(A-C)
Floor Tile/Mastic – 12" x 12" gray and beige mosaic pattern, basement	No	I (Mastic Only)	ND	~1,500	FT – 7(A-E)
Floor Tile/Mastic – 12" x 12" black and green marble pattern, basement	No	I (Mastic Only)	ND	~600	FT – 8(A-C)
Floor Tile/Mastic – 12" x 12" white w/gray streaks, basement	No	I (Mastic Only)	ND	~750	FT – 9(A-C)
Drywall, ½" board, basement	Yes	II	ND	>5,000	DW – 1(A-G)
Plaster, stucco lathe pattern, on ceiling in entry ways throughout building	Yes	II	ND	>5,000	PL - 1(A-G)

Table 1
Summary of Sampled Building Materials
Former Indianapolis City Hall Building
202 North Alabama Street
Indianapolis, Indiana
December 1, 2015

Plaster, interior segmenting walls, throughout building	Yes	II	ND	>5,000	PL - 2(A-G)
Plaster, on the interior of the exterior walls, throughout building	Yes	II	ND	>5,000	PL - 3(A-G)
Pipe Jacketing/Covering, debris off pipe in attic area	Yes	-	ND	~100	PC – 1(A)
Pipe Jacketing/Covering, "burlap" pipe covering in boiler room, basement	Yes	-	ND	~500	PC – 2(A-C)
Asphalt roofing material, flashing, roof	No	I	**14% Chrysotile**	-	ROOF – 1 (A-C)
Pipe insulation on vertical and horizontal building pipe runs, throughout building, located along exterior walls in utility rooms and corner of building rooms	Yes	-	**PACM**	**~1,000 - ~2,500*** **	Not Sampled
Pipe insulation on vertical and horizontal ceiling pipe run joints (mudded joints), throughout building	Yes	-	**PACM**	**~ 141 - 160 mudded joints (2" – 4" diameter)**	Not Sampled

Lead-Based Paint Sample Results

Sample Description	Sample Location	Lead Content
White Paint Chip	Interior Wall, 4th Floor Lobby Area	0.0125% (125 parts per million)
Light Blue Paint Chip	Interior Wall, 4th Floor, Room 422	**6.96% (69,568 parts per million)**
Light Brown Paint Chip	Interior Wall, 4th Floor, Room 422	**5.50% (55,021 parts per million)**
White Paint Chip	Interior Wall, 4th Floor, Room 416A	0.0531% (531 parts per million)

Friable: Yes – hand friable, No – non-friable
ND: No asbestos detected
*Square footage estimates determined from site reconnaissance and site maps obtained during site reconnaissance
**Sample FT-4 determined to be non-asbestos containing after further laboratory point count analysis of samples completed
***Note estimate of total TSI pipe insulation in building difficult to quantify exactly due to non-destructive nature of inspection activities

4.0 CONCLUSIONS AND RECOMMENDATIONS

Heartland conducted an asbestos building inspection of the former Indianapolis City Hall building located at 202 North Alabama Street in Indianapolis, Indiana. The assessment area consisted of a four-story, partially vacant former City Hall and museum building with basement and partial attic area encompassing approximately 68,000 square feet.

Based upon the results of the asbestos building inspection, **ACMs were encountered. These materials included: 1) TSI in the form of pipe wrap and mudded joint insulation wrapping, which is a RACM and 2) asphalt roof flashing material, which are classified as Category I, non-friable ACM.**

It is the understanding of Heartland that the buildings will either be renovated or demolished, meeting the definition of renovation and demolition, in accordance with the NESHAP for the State of Indiana. RACM (TSI) was identified in quantities greater than the written notification requirements (>260 linear feet) specified in Indiana Administrative Code (326 IAC 14-10). **As such, written notification must be submitted to the IDEM at least ten (10) working days prior to any future planned renovation/demolition activities.**

If any identified non-friable ACM materials are to be left in place during any future planned renovation and/or demolition activities, they should not be disturbed or otherwise made friable. Heartland recommends that a licensed abatement contractor, licensed in the State of Indiana, be utilized to remove the RACM identified prior to any future planning renovation and/or demolition site activities.

In addition to the asbestos building inspection, Heartland conducted a limited lead-based paint survey, analyzing selected suspect surfaces for lead-in-paint. Based on the results of the lead-based paint survey, **lead-based paint was encountered** in paint coverings in the interior of the building on the 4th floor.

If the intent is to remove lead-based paint during any future demolition and/or renovation activities, it should be done so using trained, accredited lead abatement workers licensed to work in the State of Indiana, and in accordance with all USEPA, state and municipal guidelines. Furthermore, clearance testing should be conducted after completion of lead abatement to confirm proper abatement has been completed.

Additionally, it should be noted that the potential exists that lead-based paint has been covered by newer, paint not containing lead. Heartland recommends that lead abatement workers be utilized, should extensive renovation be conducted exposing already covered painted surfaces.

5.0 DISCLAIMER AND SIGNATURE PAGE

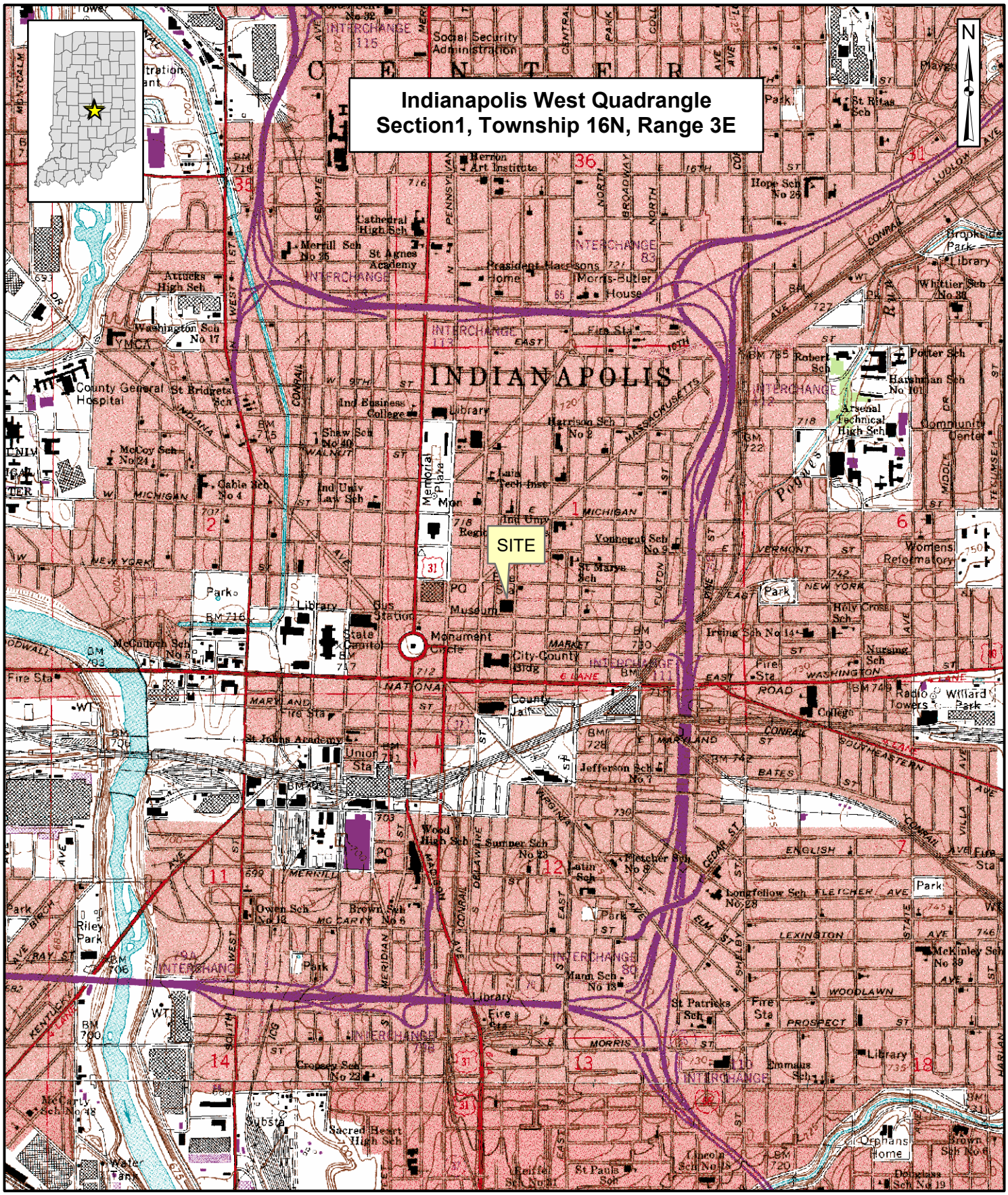
This environmental report was prepared in accordance with generally accepted principles and practices in the environmental consulting field. Conclusions and recommendations expressed herein were developed from site evaluation and limited research, and we are not responsible for unrecorded data pertaining to this site. Heartland makes no warranties, expressed or implied, as to the fitness or merchantability of said property for any particular purpose, and we are not responsible for independent conclusions or opinions made by others based on this report.

Reasonable efforts were made to identify suspect ACM within the facility inspected. This inspection was performed using “destructive” sampling methods. The manner of the inspection did not compromise the structural integrity of the buildings or endanger the safety of sampling personnel or other contractors/occupants.

Additionally, recommendations made as part of this report are for use by the City and its subsidiaries and should not be construed as a project design for the removal of ACM that may be removed as a consequence of this report.

If you should have questions regarding this report, please contact Heartland at 574-289-1191.

FIGURES



Base Map: USGS 7.5 Minute DRG Quadrangle

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

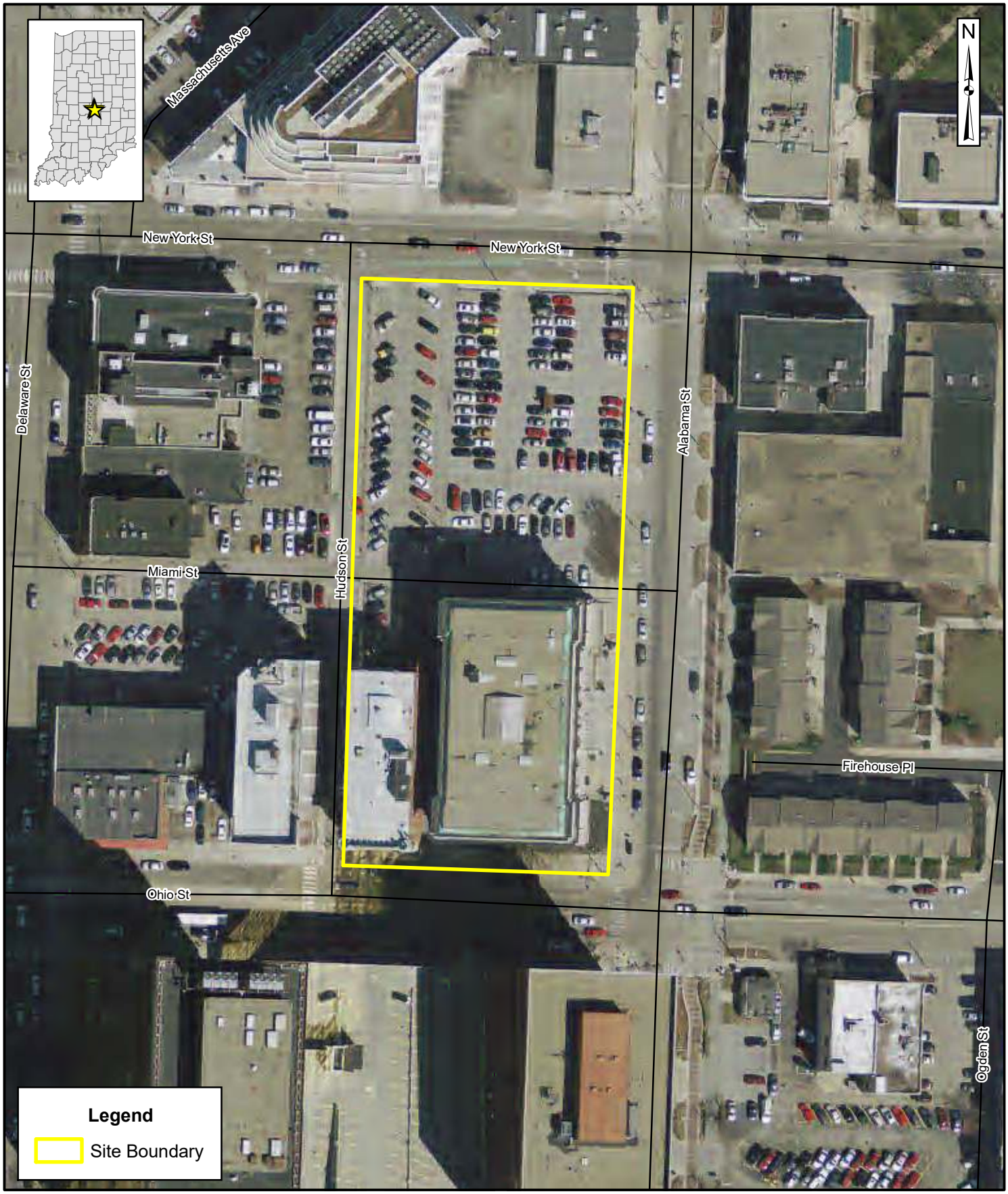
FIGURE 1
SITE LOCATION MAP (TOPO)

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=2,000'

Drawn By: NV



Base Map: 2013 IndianaMap Orthophotography

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

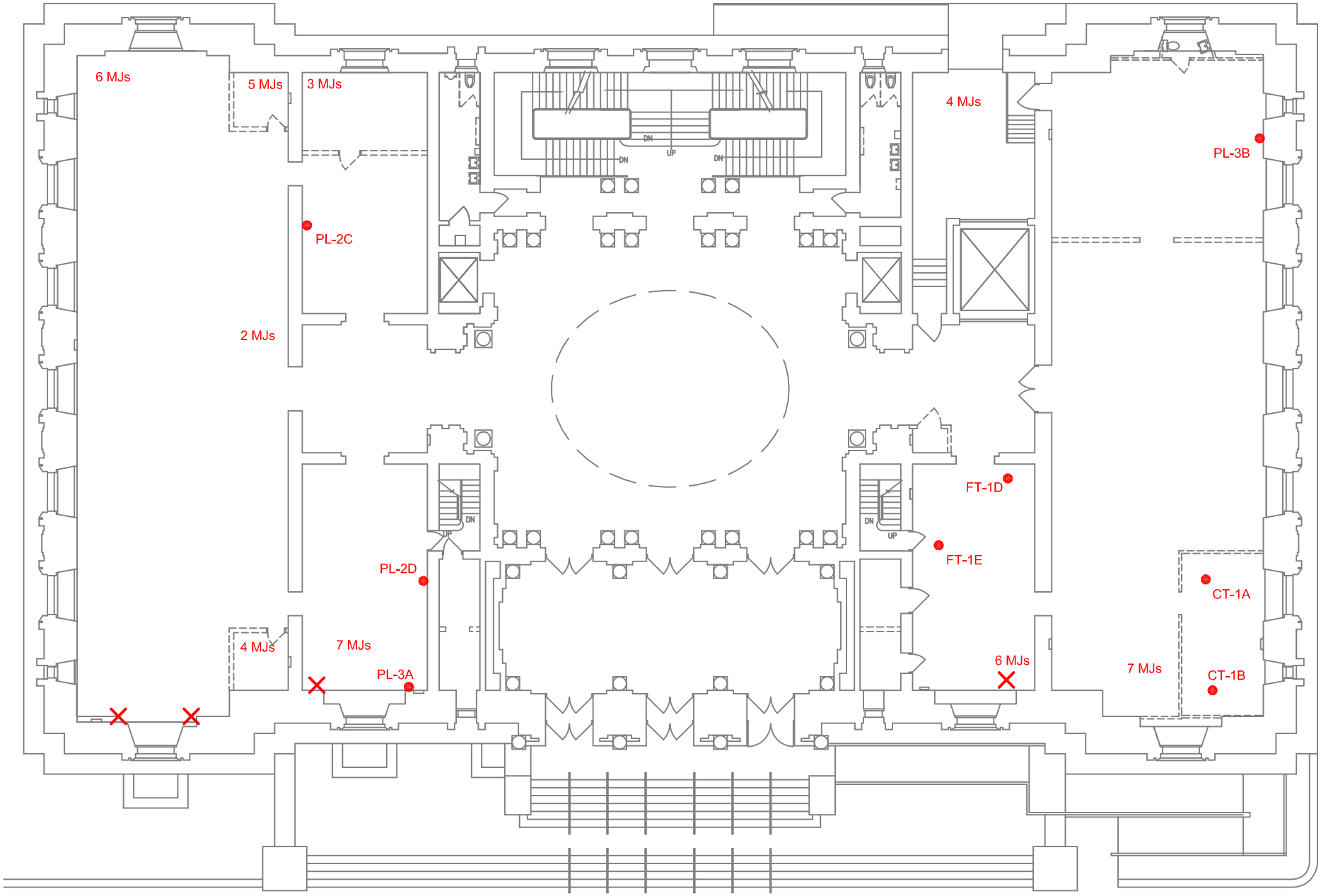
FIGURE 2
SITE LOCATION MAP (AERIAL)

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=100'

Drawn By: NV



LEGEND

● SAMPLE LOCATION

✕ TSI

MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

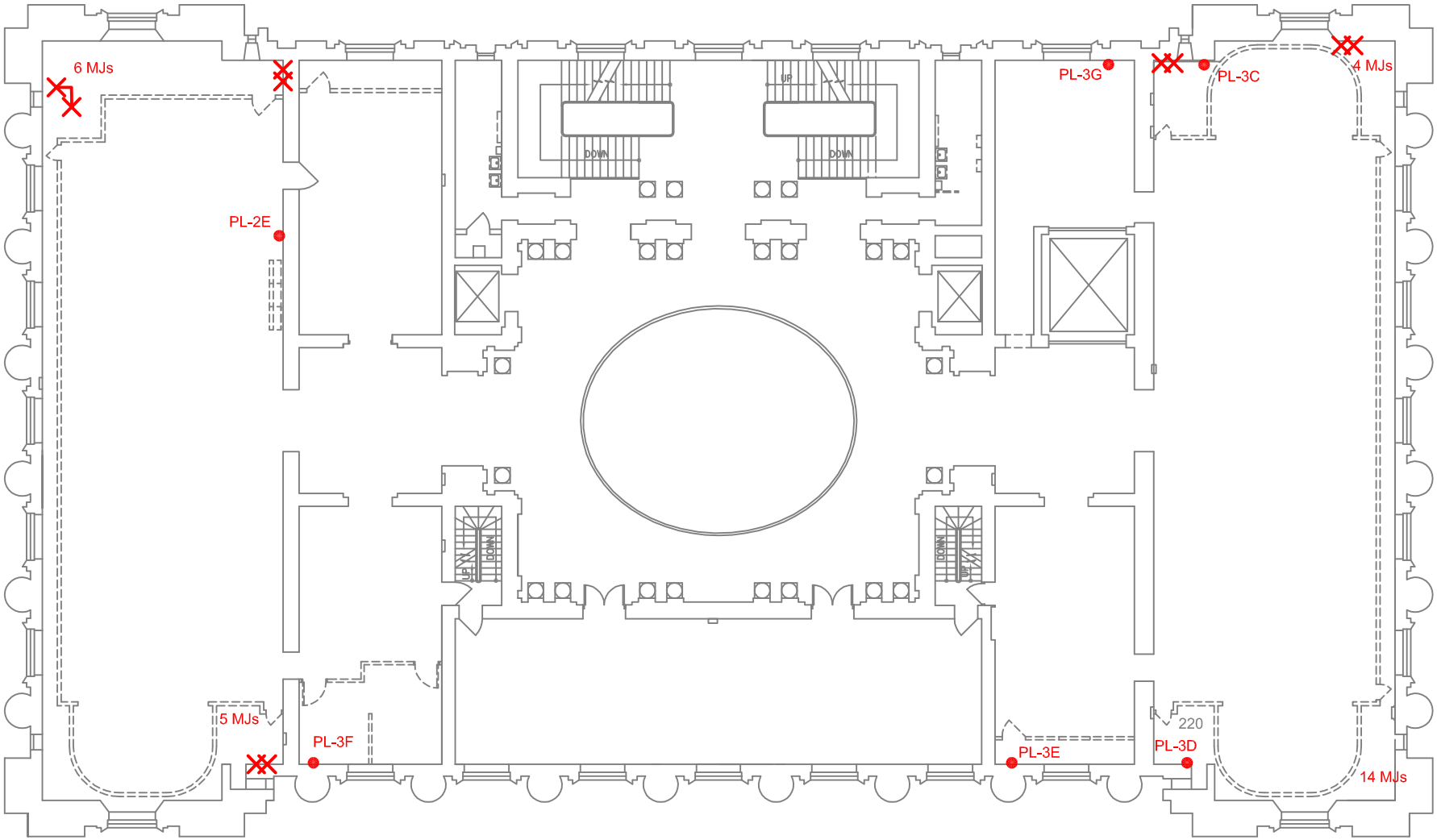
FIGURE 3
1ST FLOOR LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

- ● SAMPLE LOCATION
- X TSI
- MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS
- 220 ROOM NUMBERS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

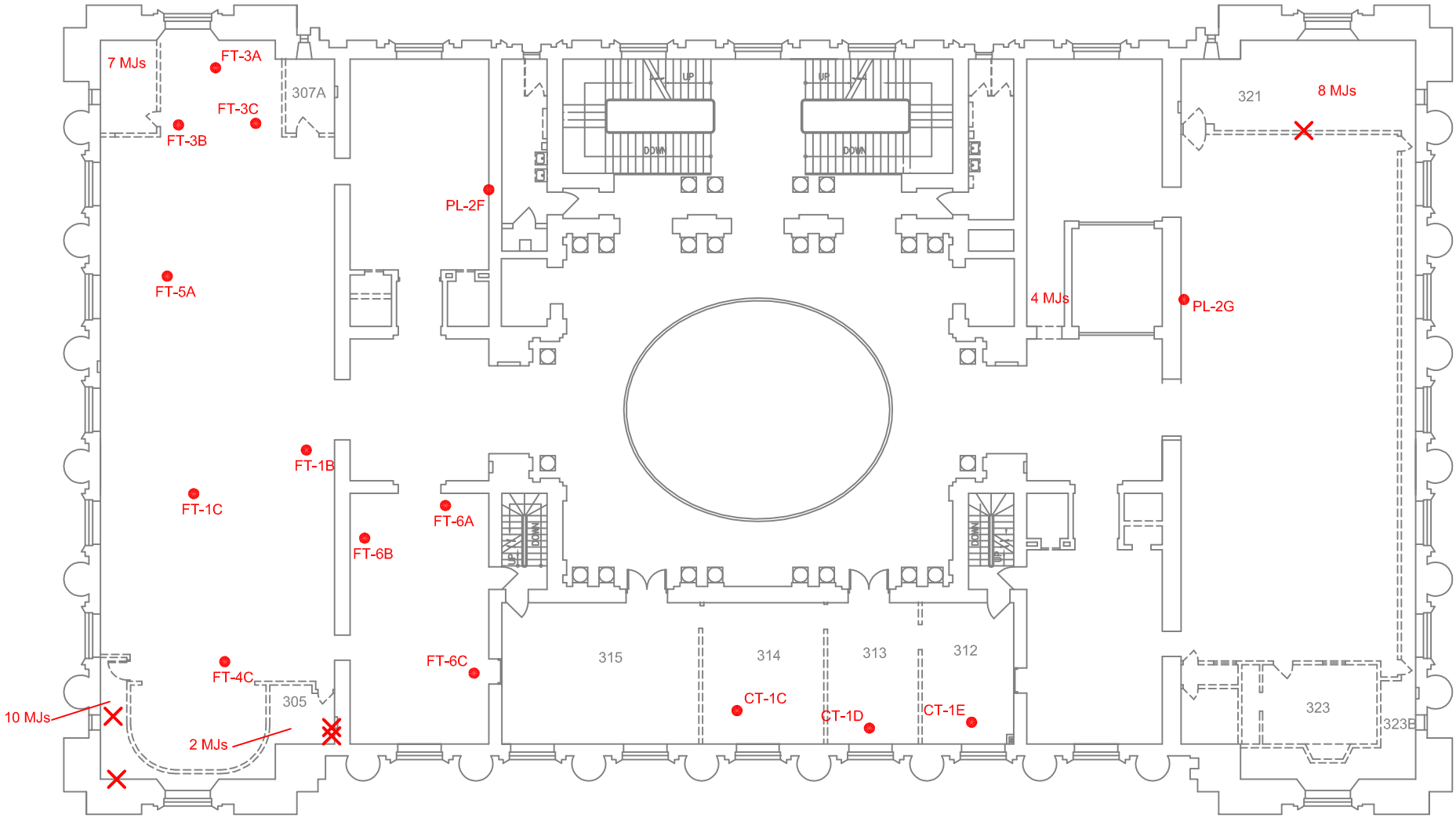
FIGURE 4
2ND FLOOR LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

- ● SAMPLE LOCATION
- ✕ TSI
- MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS
- 321 ROOM NUMBERS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

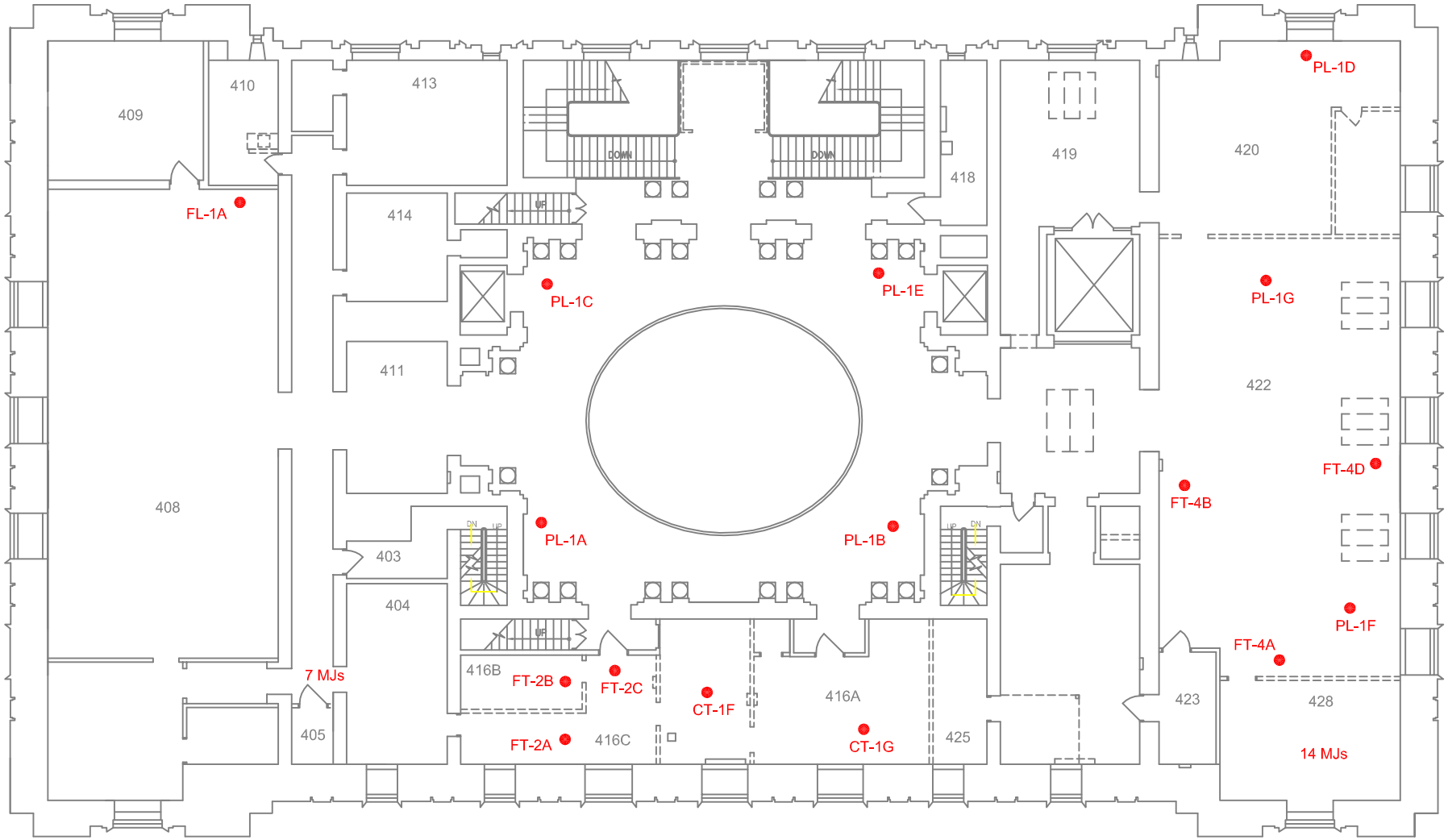
FIGURE 5
3RD FLOOR LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

- ● SAMPLE LOCATION
- ✕ TSI
- MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS
- 404 ROOM NUMBERS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

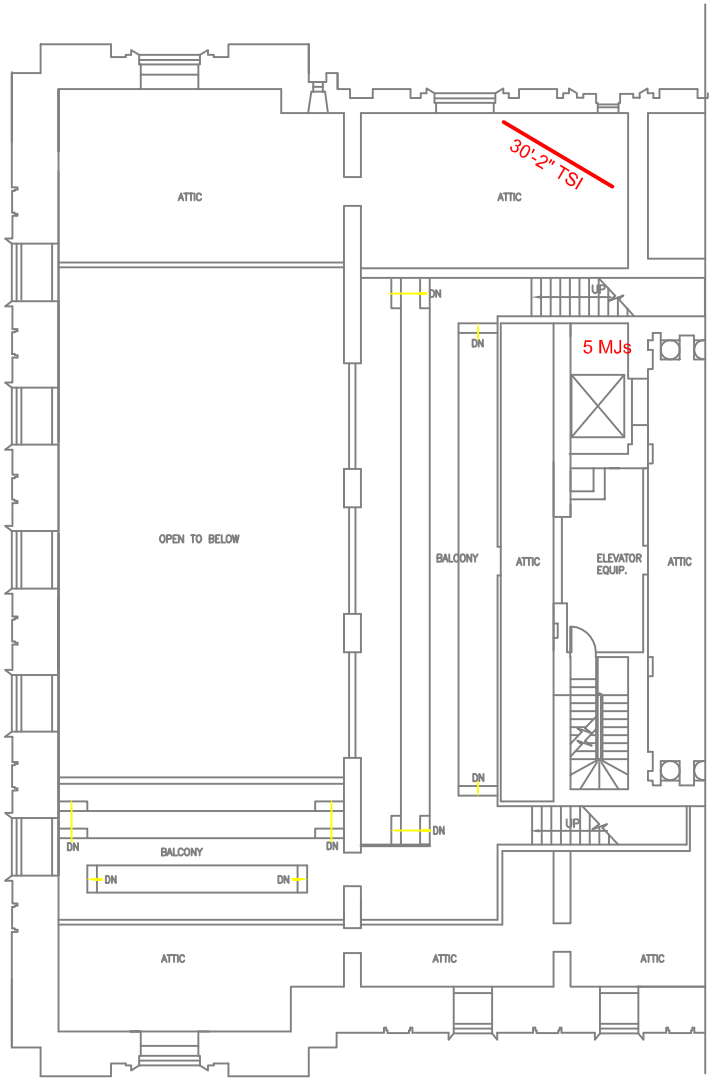
FIGURE 6
4TH FLOOR LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

● SAMPLE LOCATION

MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

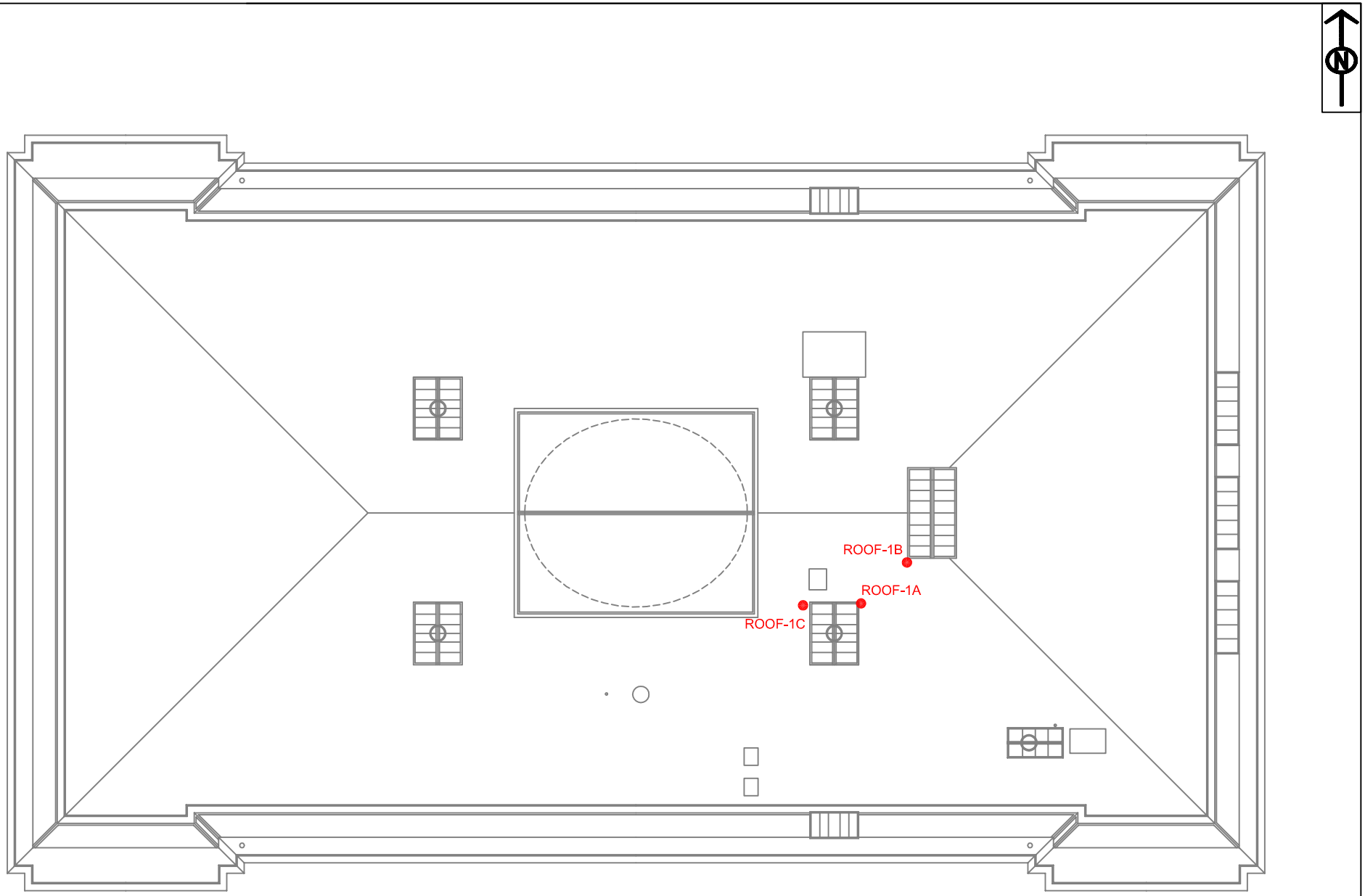
FIGURE 7
ATTIC LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

● SAMPLE LOCATION

120' 0 240'

Heartland Environmental Associates, Inc.

3410 Mishawaka Avenue, South Bend, Indiana 46615

FIGURE 8

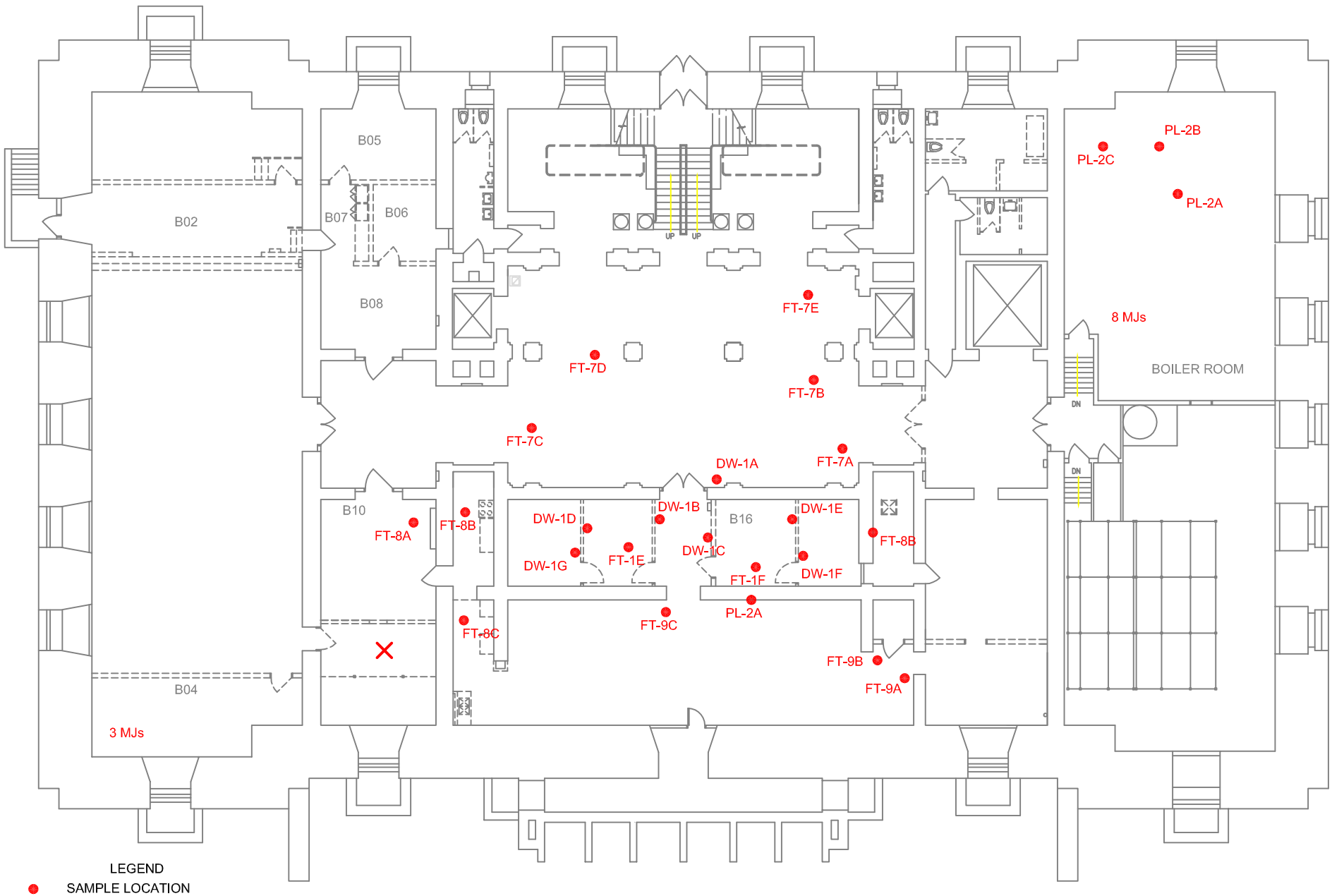
ROOF LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV



LEGEND

- ● SAMPLE LOCATION
- ✕ TSI
- MJs APPROXIMATE LOCATIONS AND NUMBER OF ACM MUDDED JOINTS
- B16 ROOM NUMBERS

120' 0 240'

Heartland Environmental Associates, Inc.
3410 Mishawaka Avenue, South Bend, Indiana 46615

FIGURE 9
BASEMENT LAYOUT PLAN W/SAMPLE LOCATIONS

FORMER INDIANAPOLIS CITY HALL
202 NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Date: 12/10/15

Scale: 1"=240'

Drawn By: NV

APPENDIX A

Historic American Buildings Survey Report

HABS
IND,
49-IND,
30-

Indianapolis City Hall (Indiana State Museum)
202 North Alabama Street
Indianapolis
Marion County
Indiana

HABS No. IN-156

P H O T O G R A P H S

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
NATIONAL PARK SERVICE
U.S. DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C. 20240

84:174

HABS
IND
49-IND,
30-

HABS No. IN-156

Name: Indianapolis City Hall (original name)

Indiana State Museum (present name)

Location: 202 North Alabama Street
Indianapolis, Marion County, Indiana

Present Owner: State of Indiana

Present Occupant: Indiana State Museum and
offices of the Indiana Department of Natural Resources

Present Use: The Indiana State Museum was established to collect, preserve and interpret the natural, historical, and cultural heritage of the Hoosier state.

INTRODUCTORY STATEMENT OF SIGNIFICANCE

Historical Significance

At the time of its construction, City Hall symbolized the "coming of age" of Indianapolis as a major Midwestern metropolis. Before its construction, city government had been homeless, leasing offices in a multitude of private buildings. At last, after 60 years of existence, municipal government occupied a suitably monumental edifice worthy of civic pride.

Today, City Hall calls to mind the city's "golden age" of prosperity and civic achievement at the beginning of the 20th century. In that epoch, Indianapolis government adopted a new charter; a modern chamber of commerce took shape and sought improvements; the city annexed surrounding towns and settled areas; a municipal park system was established; and an ambitious park development and "city beautiful" boulevard plan became a reality. In other realms, business and industry prospered as never before, as did the arts and literature. The City Hall came as a capstone to that age of accomplishment.

On a different level, City Hall triggers memories of municipal government as it existed for over half a century. Mayors, City Councilmen, municipal boards, department heads, planners, clerks and secretaries all made their marks on the city while working in City Hall offices. Walking through the rotunda and corridors today, one is struck by the spacious chambers, the ceremonial atmosphere, and the architectural grandeur of City Hall. The building even at present provides the vistor with a grasp of the imposing setting in which government was conducted before the era of governmental consolidation and sleek, towering skyscrapers. City Hall supplies a vivid contrast to its successor to the south: the austere, 28-story City-County Building, a symbol of the present era.

Architectural Significance

The City Hall is a fine example of the Neoclassical Revival style of architecture, which was the most popular style for civic buildings in the United States from about 1900 to the First World War. Design motifs were selected from both the Greek and Roman orders of architecture to create a unique composition. The lavishness of the materials of the building — an exterior predominately of Bedford limestone and an interior enriched by marble flooring and wall paneling, mahogany woodwork, and a stained glass, domed skylight — is representative of the Neoclassical's emphasis upon quality materials, which has seldom been equaled in periods of architecture that have followed. The use of the renowned Indiana limestone for the city hall of the state's capital city was a most appropriate choice of materials to express civic pride.

At the time of its construction, architect Preston C. Rubush referred to the building as being "a heavy, monumental style of architecture with which nothing in Indianapolis can compare except the Federal Building." This latter building, designed by Rankin and Kellogg of Philadelphia and constructed in 1905, undoubtedly had a strong influence upon the architecture of the City Hall. Although both buildings were part of the mainstream of contemporary architectural design throughout the country, the Federal Building established the Neoclassical Revival in Indianapolis and lent much of its vocabulary to the City Hall.

The City Hall has managed to survive to the present day with minimal exterior alteration of an irrevocable nature. The primary change to the exterior — the sealing of its windows — occurred with its change of function from a center of municipal government to a museum. (The effect of this alteration is discussed in II-A.)

PART I. HISTORICAL INFORMATION

A. Physical History

1. Date of erection: The Indianapolis Board of Public Works received construction bids for the City Hall on March 8, 1909. The Board awarded the contracts for construction on April 14, 1909; work began immediately thereafter. The cornerstone laying ceremonies for the building occurred on July 27, 1909. The contractors completed work on the Hall in November, 1910; dedication ceremonies were held on December 21, 1910.

2. Architect: The architects of the old City Hall were the Indianapolis firm of Rubush and Hunter, who won an architectural competition held in the fall of 1908 for the design. First prize in the competition brought Rubush and Hunter acceptance of their plans, the position of supervising architects for the construction, and a fee of five percent of the estimated cost of $600,000 for the building.

   Rubush and Hunter's authorship of City Hall plans is well documented. Their name appears on the cornerstone; contemporary newspaper accounts credit them repeatedly with the design; and their original working drawings for the City Hall survive (see III-A).

   With respect to the career of Preston C. Rubush (1867-1947) and Edgar O. Hunter (1873-1949), their firm was unquestionably one of the leading architectural practices in the city of Indianapolis and the state of

Indiana from the firm's establishment in 1905 until the outbreak of World War II. Rubush and Hunter designed scores of important institutional, governmental, retail, hotel, theatre, office, and industrial buildings in Indianapois and other cities of Indiana. Just a few of the prominent buildings in the capital city include the Masonic Temple (1906-07), the Columbia Club (1925), the Indiana State School for the Deaf (1911), the former H. P. Wasson and Company department store (1937), Hotel Lincoln (1918, razed), the Circle and Indiana Theatres (1916 and 1927-28, respectively), the Hume-Mansur Building (1911, razed), the Circle Tower office building (1929-30), and the former Coca-Cola Bottling Company plant (1931, 1940). In addition, the firm developed major real estate interests in Florida. This connection led to their design in 1925 of the Hollywood Beach Hotel, in Hollywood Beach, Florida.

3. Builder, contractor, suppliers: On April 15, 1909, the Indianapolis Board of Public Works awarded the contract for construction to the Westlake Construction Company, general contractors of St. Louis. The City had earlier retained George M. Brill as supervising engineer for construction. It was on Brill's recommendation that the Board of Works selected the Westlake Construction Company.

   Bedford limestone from Lawrence County, Indiana (considered to be the best source for such stone by Rubush and Hunter) provides the facing for all four elevations of the Hall.

   Besides the general contractor, Westlake Construction Company, the other contractors retained for the City Hall construction included the Kirkhoff Brothers Company, the Indianapolis Plumbing and Heating Company, the Hatfield Electric Company, the Otis Elevator Company, Lilly and Stalnaker (hardware), the Cutler Manufacturing Company, the American Air Cleaning Company, and the Sanborn Electric Company.

4. Original plans and construction: See next item and III-A.

5. Alterations and additions: The original exterior and interior design of the City Hall remained essentially unaltered until the 1964-66 rehabilitation of the building for reuse as the Indiana State Museum. The Indianapolis firm of James Associates, Architects and Engineers, supervised the project.

   At that time, the following alterations occurred: nearly all window openings were sealed with Bedford limestone, as were grills in the fourth story; ceilings in the former offices of the interior were dropped to cover mechanical systems; and most of the former office chambers in the interior were merged to form large museum galleries.

B. Historical Context

The construction of the City Hall is closely associated with the career of Charles A. Bookwalter, Mayor of Indianapolis from 1901 to 1903 and from 1906 to 1910. Until Bookwalter's second term, Indianapolis city government had no home of its own, occupying scattered offices in the Marion County Courthouse and in private office buildings.

Bookwalter set as a primary goal for his 1906-to-1910 term to erect a suitably monumental city hall.

The Mayor tried first, in 1907, to gain agreement for a city building on the same block as the County Courthouse. Failing in that, he expanded his city hall scheme to include a civic auditorium. The site was to be that of the City Market, located immediately north of the Courthouse Square. Bookwalter secured a bond issue for the civic auditorium/city hall and retained the firm of Rubush and Hunter to prepare working drawings. (Remarkably, these drawings have survived in their entirety, in the possession of Harry E. Hunter, AIA.) Construction was about to begin when a lawsuit brought by two butchers of the City Market permanently enjoined the City from using the Market site for a non-market purpose.

Thus foiled, Bookwalter changed strategies and sites. The next year, in the fall of 1908, he persuaded the City Council to approve the concept of a City Hall only, to cost $600,000. The Mayor proposed a third site north of the City Market, on the northwest corner of Alabama and Ohio Streets. The Council at the Mayor's request also approved a new bond issue of about $600,000 to underwrite the construction cost. Later, an additional $70,000 was transferred from the civic auditorium fund, making a total oonstruction cost at completion of approximately $670,000. The land for the hall required a further expenditure of $113,000.

Despite vociferous opposition from the evening Indianapolis News (then secretly owned by Bookwalter's political opponent, U. S. Vice-President Charles W. Fairbanks), the Mayor plunged ahead with the City Hall plans. In November he and a building committee of the City Council awarded first prize and the position of supervising architects to Rubush and Hunter for the latters' entry in an architectural competition held for the City Hall's design.

According to accounts published by the Indianapolis News, the other four architects who participated in the competition protested the estimates quoted by Rubush and Hunter as being too low for the building projected. Complaints also circulated that the planned foundations were too large, that the stones used in construction would be too massive to move, that the alley elevations were too elaborate, and that steel, rather than stone, would be cheaper to use in the structure of the hall.

The Indianapolis Star, the News' morning competitor, supported the Mayor's plans. In March 1909 it published a rebuttal by Preston C. Rubush of all the charges being rumored. Apparently the charges had little basis, as the building program proceeded smoothly on schedule. Contracts were awarded on April 14, 1909, and the cornerstone was laid on July 27, 1909. At the July ceremony, the embattled Mayor Bookwalter seized upon a phrase used by Governor Thomas R. Marshall in the latter's cornerstone address. The phrase, "I am myself a citizen of no mean city," had originated with Paul of Tarsus in the New Testament. In the 1890s ex-President Benjamin Harrison had used it in reference to Indianapolis. In 1909 Charles Bookwalter

declared that the phrase would become the motto underlying the construction of City Hall. It would symbolize the civic pride that he felt the Hall inspired. He therefore had the phrase inscribed in the cornerstone, where it remains today.

Work continued rapidly on the building. Although it was not complete when Mayor Bookwalter left office at the end of 1909, the City Hall was finished in only a year and a half. It fell to Bookwalter's folksy, populist successor, Samuel Lewis ("Lew") Shank, to welcome dignitaries and the public alike to dedication ceremonies held on December 21, 1910.

Rubush and Hunter's plans provided for spacious quarters for each major department of city government. The City Controller and the Board of Public Works shared the first floor. The Mayor, City Attorney, City Engineer, ahd Building Inspector occupied suites on the second floor. The Board of Park Commissioners, the Board of Public Safety, and the Board of Health could be found on the third floor. Finally, the City Council sat in a lofty chamber on the fourth floor, with a gallery provided for the public to look down upon Council proceedings.

This arrangement remained largely unchanged through much of the 50 years of the building's life as City Hall. Some departments moved out to larger, rented offices, but the principal statutory offices of city government remained.

When the movement began in the 1950s to consolidate the city and county buildings into a single, new edifice, City Hall's future fell into doubt. When the City of Indianapolis moved in 1962 into the just-completed City-County Building, City Hall went up for sale. A real estate brochure advertising its possibilities as an office building was circulated nationally, without result.

At length, in 1963, the City Council approved a lease of the former City Hall to the State of Indiana to house the Indiana State Museum. A rehabilitation program from 1964 to 1966 adapted the building to museum purposes, a use that continues to date. In 1973 the State of Indiana purchased the museum building from the City of Indianapolis.

PART II. ARCHITECTURAL INFORMATION

A. Description of Exterior

The City Hall building is generally rectangular in plan with dimensions of 188 by 133 feet, its main elevation being parallel to the longitudinal axis. The three main stories above the basement are surmounted by a fourth, attic story and a flat roof raised above a convex slope atop the attic. The immense granite foundations that support all walls are not visible above grade level. Much of the interior partitioning was constructed of fireproof construction tiles, while the exterior walls are of hard-burnt brick faced with a veneer of Bedford limestone.

The most prominent feature of the main elevation is the row of two-story, engaged, columns, which define the seven central bays of the second

and third stories. This central section of the facade is recessed from the plane of the two flanking end bays. The row of engaged columns represents a variation on the theme of the colossal portico so common to Neoclassical Revival buildings, while at the same time it serves as an important organizational device. The fluted columns are of the Roman Doric order, which was less commonly used than the Greek orders in buildings of this style. The unusual capitals are composed of a combination of moldings, including the egg-and-dart. The two end bays afford a clear display of the smoothly surfaced, finely jointed, coursed ashlar stonework important to the desired effect of the Neoclassical.

The focal point of the building occurs at the three central, pedimented doorways. A monumental flight of 13 steps with two landings leads to these portals. The tall bronze torchères on stone bases that flank each of the entrances are unusual for their survival to the present day, though their original triplet of globes have been replaced in recent years by a single, large globe. The torchères exhibit rams heads, Greek fretwork, and a sheath of leaves pattern similar to those that embellish the top of the doorway architraves. A continuous horizontal band of the Greek frets occurs over the doorways; at the central bay, a second such band echoes the triangular form of the pediment. The three large, bronze doors are recessed from the main facade. The double-leaf doors feature eight circular shields with egg-and-dart moldings and three-dimensional diamond studs. The cyma molding along the door features a talon ornament.

The windows of all floors feature regular, rectangular openings, and all were blocked in by stone facing in recent years during the building's conversion to a museum function. (The one exception to this occurs at the third floor center section of the main elevation, where the windows are only partially blocked but exhibit reflective glass.) This alteration to the windows constitutes the single most important change to the original design of the building. The glass of the double-hung sash was important in relieving the all-stone facade. At the basement level, the windows have completely disappeared, while at attic level, the vents with cross-patterned grilles have been inset with stone panels. The most elaborately adorned windows are those of the second floor. The top rails of the architraves feature "keystones," and ancons support a projecting hood molding. This treatment is varied at the two side bays, where the ancons support pediments characteristic of Renaissance buildings.

Above the square abaci of the engaged columns is the entablature, which divides the main stories from the attic story. Above the moldings of the fascia, the frieze is plain except for applied, circular disks. (In a true Roman Doric order, this frieze would have featured triglyphs and metopes. In the architect's original rendering, the frieze carried the carved inscription: "City Hall Erected Anno Domini MCMVIII.") Above the frieze runs a dentil band — hallmark of Neoclassical Revival detailing — topped by another egg-and-dart molding before the final projecting cornice. The panelled attic story visually extends the unorthodox entablature to roof level.

All four elevations of the building are equally well finished and repeat all the same architectural themes described for the main facade, with the exception of the entranceways. (At the time of construction, the equal

treatment of facades on narrow alleyways was criticized as an extravagance. The demolition of a building to the north has borne out the wisdom of the architect in insisting upon equality in elevations. The north and south elevations are exact duplicates with composition based on six engaged columns. The west elevation varies from the other three in its employment of pilasters rather than engaged columns.

B. Description of the Interior

Upon entering the building through the front portals, one encounters the vestibule, one of the most richly finished and interesting spaces of the interior. The arched ceiling is defined by three groin vaults that spring from unornamented, white marble columns along the perimeter of the rectangular plan. The diagonal and transverse ribs of these vaults are of an accenting color to contrast with the mosaic work of the ceiling. All wall surfaces are of the same white marble as the Roman Doric columns. The side walls of Roman arch form feature recessed, circumscribed arches further accented by a contrasting, inlaid marble arch. Into the focal point of these side walls are set two bronze torchères similar to those on the exterior of the entrance doors. Further illuminating the space are three original bronze light fixtures hanging from chains fixed to the bosses of the vaults.

As are the floors of all lobbies and corridors of the building, the floor of the vestibule is of highly polished marble with geometric patterns inlaid in contrasting colors. The pattern features three squares corresponding to the groin vaults, with inscribed circles and squares. The designs of the floors are derived from Roman architecture as known through the discovery of Pompeian domestic architecture. Three Roman arches, into which modern glass doors have recently been set, lead to the large central lobby of the building.

The central space of the lobby continues up dramatically through four stories (85 feet) to a magnificent 750-square-foot, stained-glass, domed skylight — the glory of the interior. At each level, an encircling balustrade defines the rotunda. The effect of this visually delightful, spatial characteristic of the building is quite awe-inspiring. All former city offices radiated from this space via a system of crossing corridors. Directly opposite the entrance along the west wall of the building, a grand stairway rises to all four floors. From the single flight of four steps from floor level, the marble stairway proceeds in double ramps with half-turns and intermediate landings. Its original finishes have remained unchanged.

An author of architectural history has stated that "one would not be surprised to be told that more marble was used in building in the United States in the years 1900-1917 than was used in the Roman Empire in its entire history." The lavish use of marble on the interior of the City Hall would tend to support this statement. White marble panels with pilasters to a height of approximately 12 feet line the walls of the corridors. Above this "dado," the walls are plastered; "baseboards" in antiqua verde marble join wall plane and floor. The columns of the rotunda area have bases of this same dark green marble, while the shafts are of scagliola of a lighter green color.

These columns feature narrow, bronzed capitals composed of egg-and-dart and foliar moldings. The columns support an entablature with a plain frieze ornamented by circular disks similar to those of the exterior's frieze. The cornice displays dentil blocks capped by more of the ubiquitous egg-and-dart molding.

The stained glass skylight is most readily associated with those of Tiffany fame. The leaded spokework radiates from a central diamond with concentric circles forming a supporting grid. Abstract floral and geometric patterns are interwoven with such naturalistic designs as wreaths with acorns and several varieties of fruit. The diffused light from the multicolored glass in pastel shades creates an effect that lends warmth to the cold marble finishes modeled on antiquity.

From the stained glass dome, a Foucault pendulum installed in 1967 now hangs and swings over the "compass rose" design of the marble first floor. A circular railing, which was installed at this time to protect the pendulum, interferes with the former free circulation pattern across the main floor. The compass design at the center of the building echoes the circles of the rotunda and thereby serves to help define its space. From concentric circles in contrasting marbles, four main spokes extend to the four points of the compass with intermediary spokes in a sunburst pattern. Flanking the circle composition are two smaller circles with the diamond-over-square motif so prevalent in Roman floor design.

The Cincinnati design firm of William F. Behrens was commissioned to provide the distinctive murals decorating the central lobby walls on all floors. Rectangular in form and located just below cornice level, these murals simulate an antique character. At their center are busts of classical maidens, enwreathed by floral form, with symbols of the Zodiac at each side.

With the mid-1960s renovation of the building during its conversion to a museum, the majority of original city offices were made into exhibit areas. Ceilings were lowered to accommodate new mechanical systems, and much of the original finish was lost or hidden to create non-distracting gallery areas. Hardwork floors were covered with traffic-resistant materials deemed more suitable to the museum function. Some original mahogany woodwork survives in office doors and their surrounds set into Roman arch forms and in the rotunda and stairway railings. Numerous original pendant light fixtures (as described in the vestibule) also continue to function to the present day.

C. Description of the Site

The City Hall is located at the northwest corner of East Ohio and North Alabama Streets, four blocks northeast of the circle that marks the center of Indianapolis. The building occupies nearly all of its lot, which measures a 202.5 feet frontage along Alabama with a depth of 133 feet. Its most prominent neighbor is the Stone Stafford Building, a former Knights of Pythias lodge to the west, separted only by a narrow alley. Coincidentally, this five-story brick building was

designed by the same architectural firm (Rubush and Hunter) in 1905.

Much of the urban character of this site has been eroded by the sea of surface parking lots that now surround the building on its other sides. The City Hall currently faces an immense parking lot directly across the street, and buildings formerly occupying the city block bounded by Ohio, Alabama, New York, and the alley have been torn down and replaced by another large surface parking lot.

Recent landscaping has altered the ground lines of the building, especially at its southeast corner. Between the original, molded granite curbline and the edge of the building, low yew shrubs and an ivy groundcover have been introduced. Three small fruit trees have been planted along the south side, while two similar trees are located to the northeast near the parking lot. Another recent addition to the site are the two stone, sculpted eagles situated at the edge of the granite curbing at each side of the first landing of the front flight of stairs. These eagles formerly ornamented the Traction Terminal Building, designed by D. H. Burnham and Co. of Chicago in 1904 and razed in 1968. The base upon which these sculptures have been placed originally supported two bronze flag standards, each three stories tall.

PART III. SOURCES OF INFORMATION

A. Architectural Drawings (see pages 12 through 21 of this document)*

The City of Indianapolis is indeed fortunate: the original, February 1909, ink-on-linen tracings of the plans and elevations for the City Hall have survived. They are currently in keeping of Harry E. Hunter, AIA, President of Tislow, Hunter and Associates, Architects (address: 9101 Wesleyan Road, Indianapolis, Indiana 4626B). Mr. Hunter is a grandnephew of Edgar O. Hunter of the firm Rubush and Hunter. He also preserves at his office a large watercolor rendering by artist D. A. Gregg of the City Hall, dated 1909.

The specifications for the City Hall apparently have not survived. Neither have the various contracts for construction. Nevertheless, the structural plans for the building, prepared by Rubush and Hunter in consultation with George M. Brill (the City's consulting engineer) do exist as ink-on-linen tracings at the office of Harry Hunter.

*Negatives for these plans are in the field records and can be reproduced.

B. Early Views

Mr. Hunter also possesses three, 1910 photographs showing the Ohio and Alabama Street elevations and the interior rotunda. The three photographs and the rendering mentioned above were all apparently commissioned by Rubush and Hunter. A fourth photograph, taken shortly after 1910 by the W. H. Bass Photo Company of Indianapolis (Bass Photograph #27899) shows the Alabama Street elevation to good advantage; a print is in the files of the Indianapois Historic Preservation Commission (Suite 705, 155 East Market Street, Indianapolis, Indiana 46204).

HABS No. IN-156

C. Bibliography

1. Primary sources:

a. Cornerstone of City Hall, southeast corner of the building.

b. Original, February 1909, working drawings for City Hall in the possession of Harry E. Hunter, AIA.

2. Secondary sources:

a. Dunn, Jacob Piatt. Greater Indianapolis, 2 vols. Chicago: The Lewis Publishing Company, 1910. Volume 2, p. 903.

b. _____. Indiana and Indianans, vols. Chicago: The American Historical Society, 1919. Volume 5, pp.2240-41.

c. "Indiana Biography Series" (scrapbooks), vols. Indiana Division, Indiana State Library, Indianapolis. Volume 32, pp. 7-8; Volume 34, p. 91.

d. Indianapolis Star, July 16, 1907, p. 18, c. 4.

e. "City Will Build City Hall, Cost $600,000," Indianapolis News, September 21, 1908, p. 14.

f. "'Family' Gathering Over City Hall Plans," Indianapolis News, November 3, 1908, p. 12.

g. "Say City Hall Plans Are Not Within Cost," Indianapolis News, November 23, 1908, p. 2.

h. "First Floor Plan of the New City Hall as Agreed Upon," Indianapolis Star, February 14, 1909, p. 7.

i. "Second Floor Plan for the New City Hall Building," Indianapolis Star, February 15, 1909, p. 3.

j. "Rubush Discusses City Hall Charges," Indianapolis Star, March 7, 1909, p. 10, c. 1.

k. "Work to Begin at Once on City Hall," Indianapolis Star, April 15, 1909, p. 1.

l. Indianapolis Star, July 28, 1909, p. 14., c. 3.

m. "City's New Home Awaits Occupancy," Indianapolis Star, November 6, 1910, p. 33.

n. "City's First Home Officially Opened," Indianapolis Star, December 22, 1910, p. 1.

o. Walter Spencer, "Motto in City Hall Cornerstone Stires Controversy Over Meaning," Indianapolis Times, March 4, 1962, p. 4.

p. "It Should Remain," Indianapolis Star, August 5, 1962, sec. 2, p. 7.

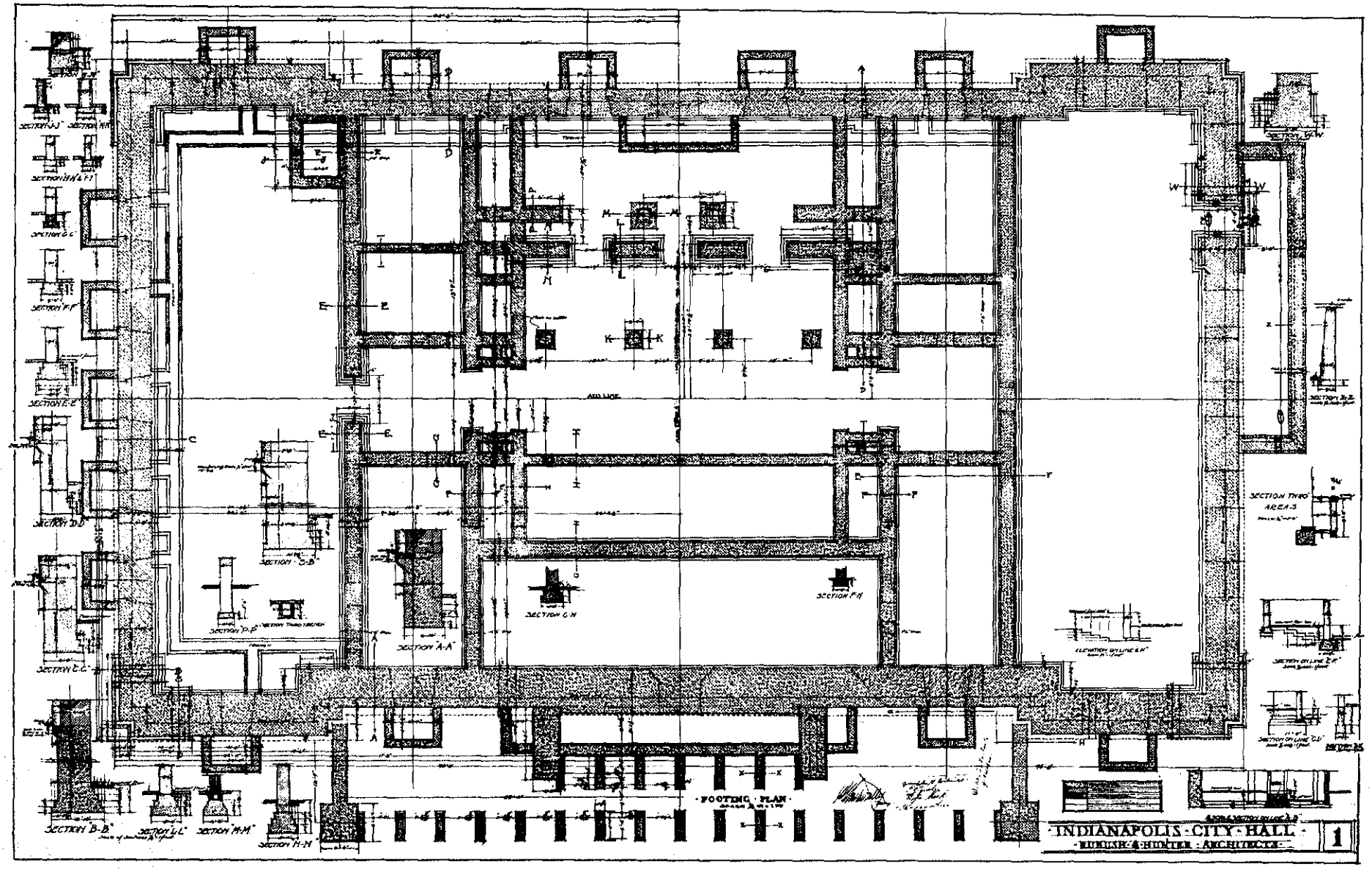
q. Indianapolis Star, October 31, 1983, p. 17, c. 1.

D. Likely Sources Not Yet Investigated

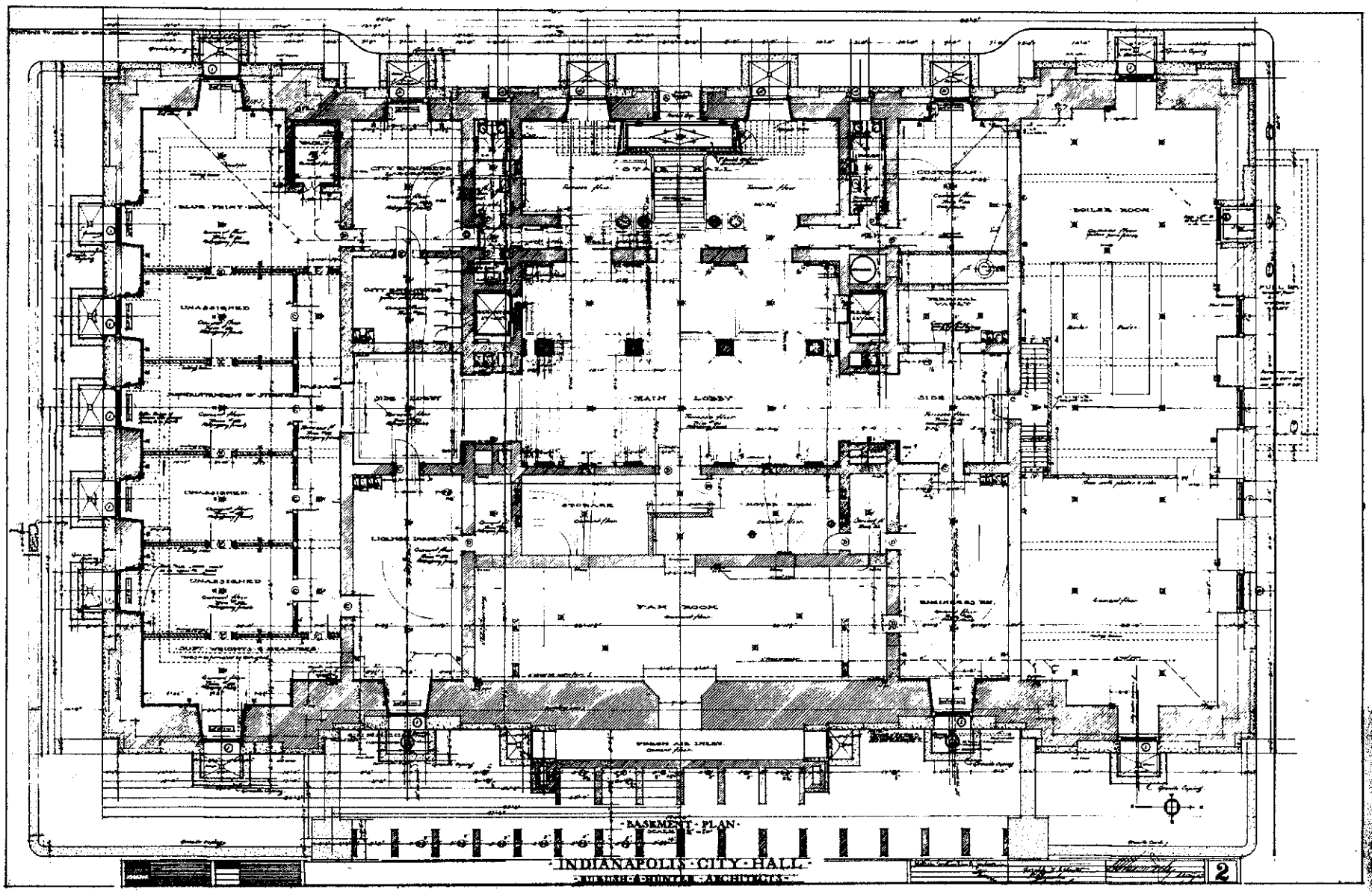
Most known sources have been investigated. One that most likely contains further information is the "Proceedings of the Common Council of Indianapolis" for the period 1907 to 1910. Copies of these minutes are available at the City Clerk's Office, Room 241, City-County Building, Indianapolis, Indiana 46204.

It has not been conclusively determined that the construction contracts and building specifications no longer survive. It is possible that they have been recorded in miscellaneous city record books not yet investigated.

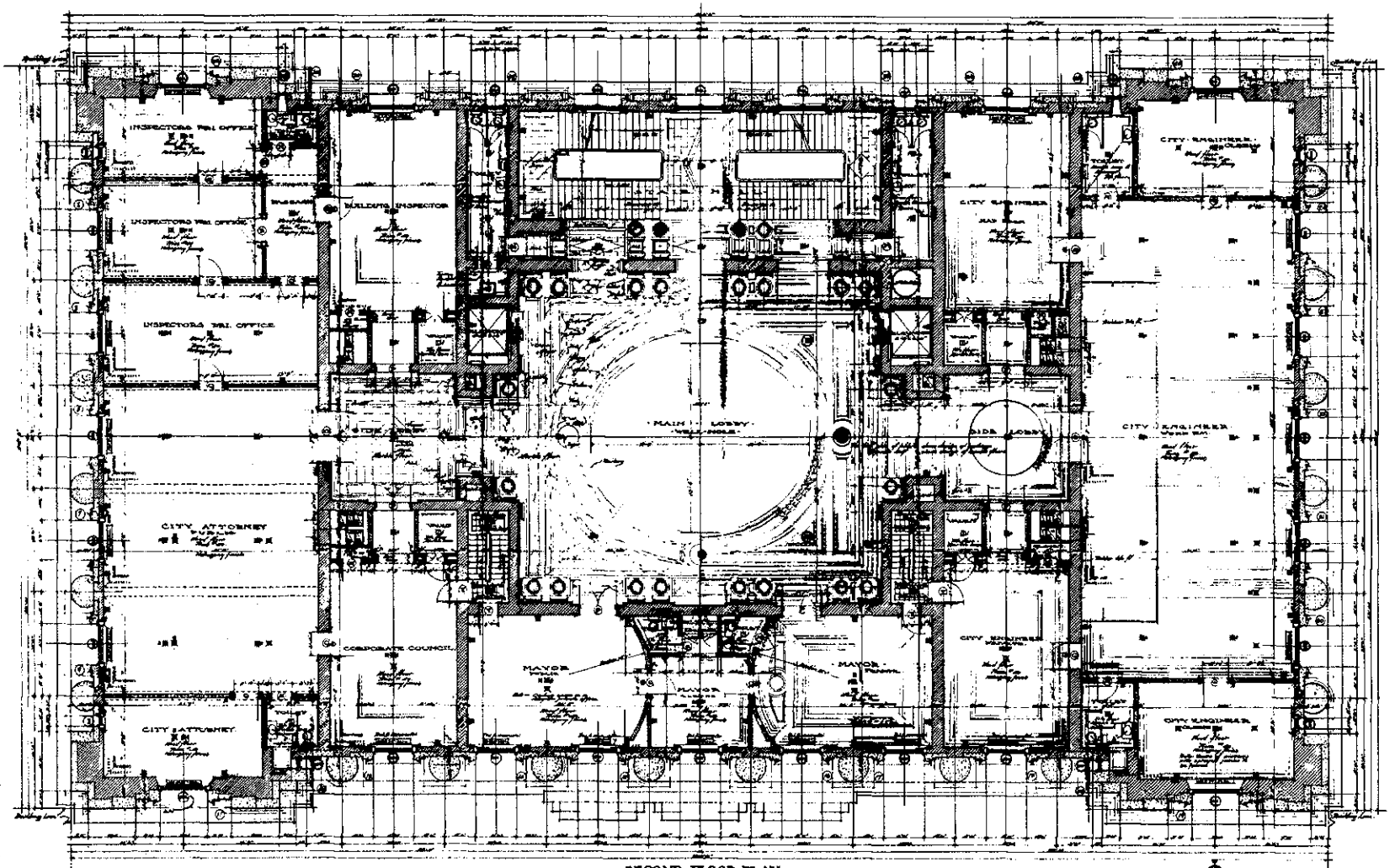
PREPARED BY JAMES A. GLASS, HISTORIAN AND MARY ELLEN GADSKI, ARCHITECTURAL HISTORIAN,
INDIANAPOLIS HISTORIC PRESERVATION COMMISSINN



HABS No. IND-156


BASEMENT PLAN
INDIANAPOLIS CITY HALL
BURNHAM & HUNTER ARCHITECTS
2
MAIN LOBBY
SIDE LOBBY
BOILER ROOM
TAX ROOM
UNASSIGNED
UNASSIGNED
UNASSIGNED
CITY ENGINEER
CITY ENGINEER
LICENSE INSPECTOR
STORAGE
STEAM AIR INLET

Indy. N. 22-15

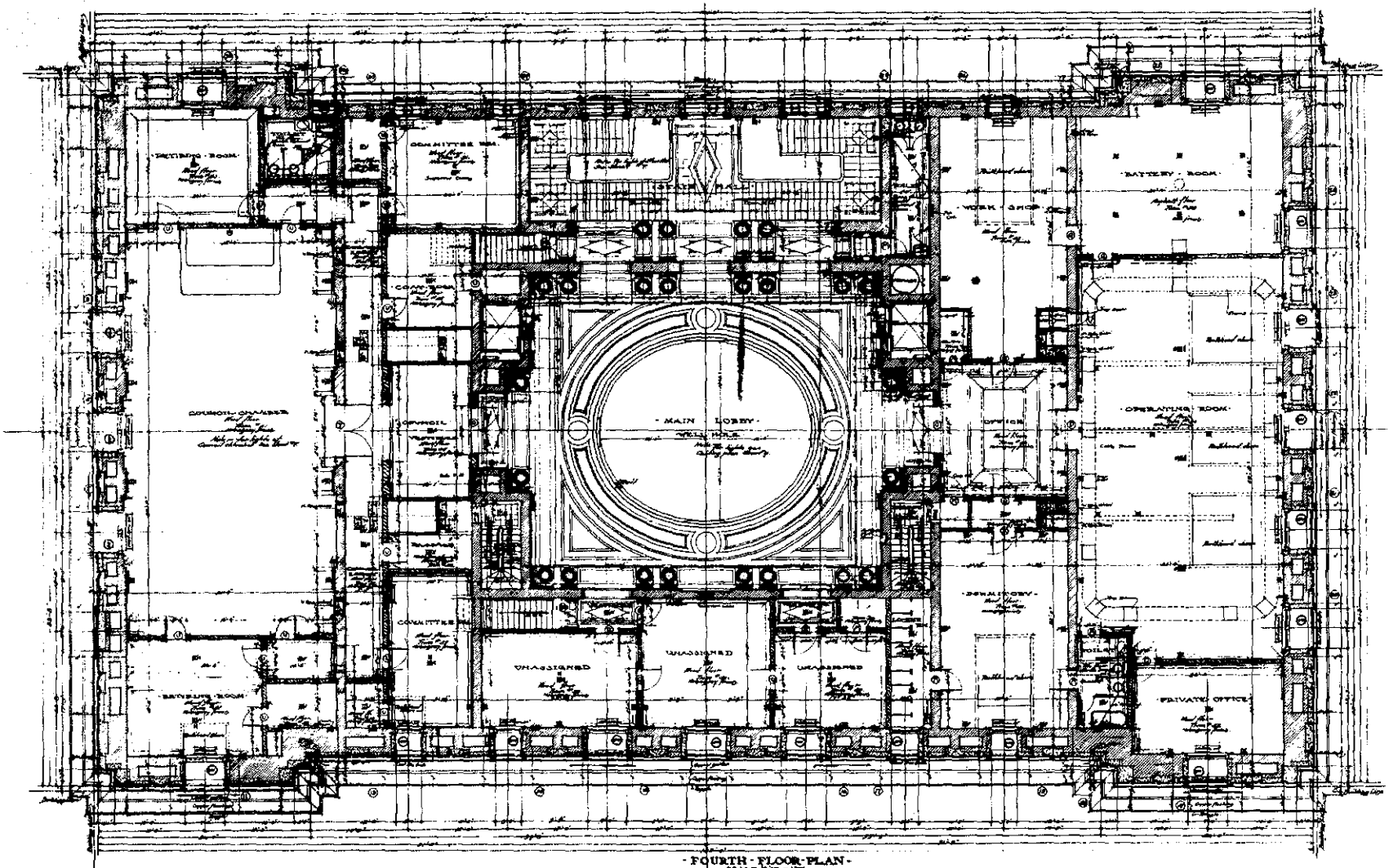


· SECOND · FLOOR · PLAN ·
SCALE 1/8" = 1'-0"

INDIANAPOLIS · CITY · HALL ·

· RUBUSH & HUNTER · ARCHITECTS ·

4

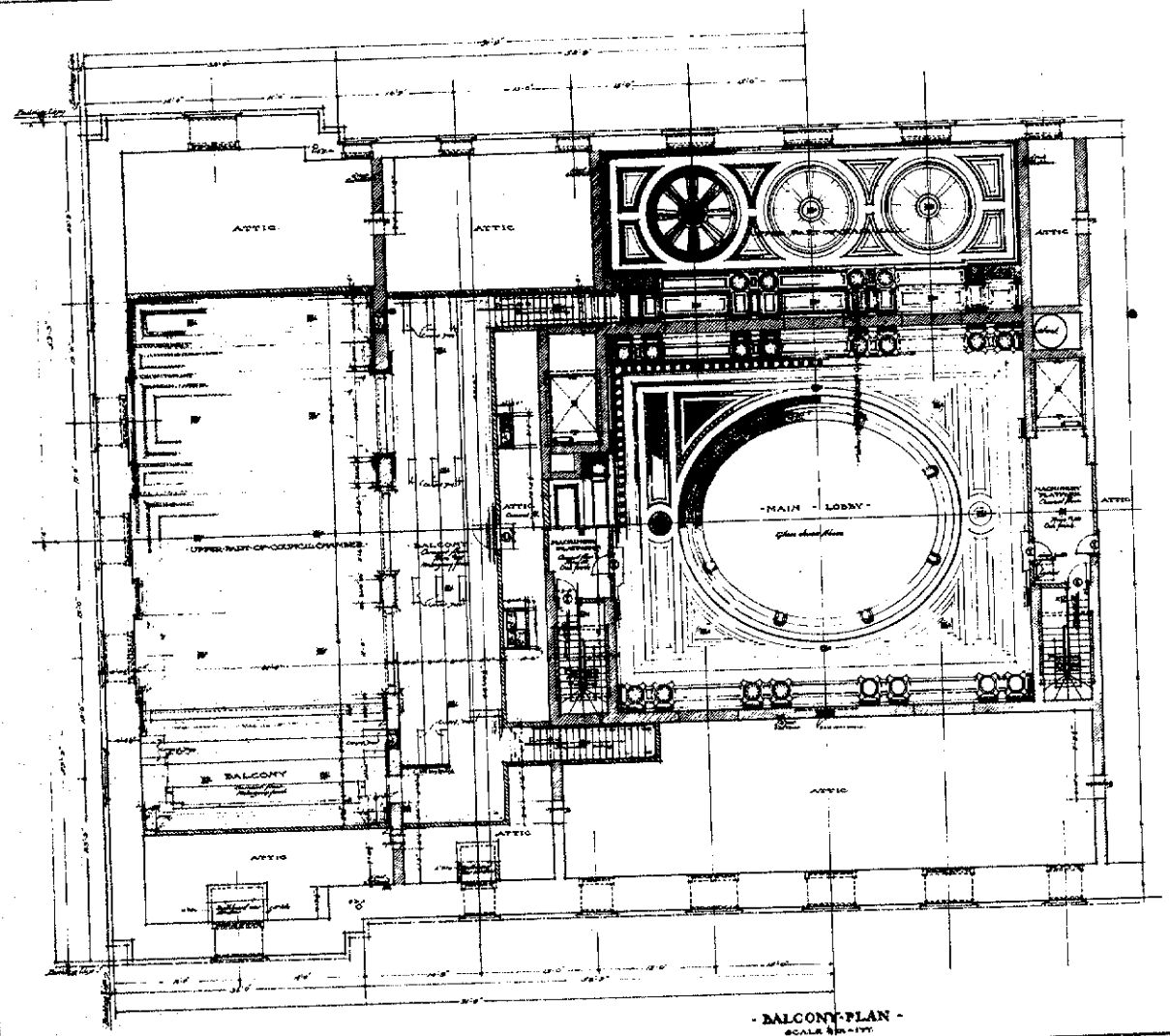


- FOURTH - FLOOR - PLAN -

- INDIANAPOLIS - CITY - HALL -

- RUBUSH & HUNTER - ARCHITECTS -

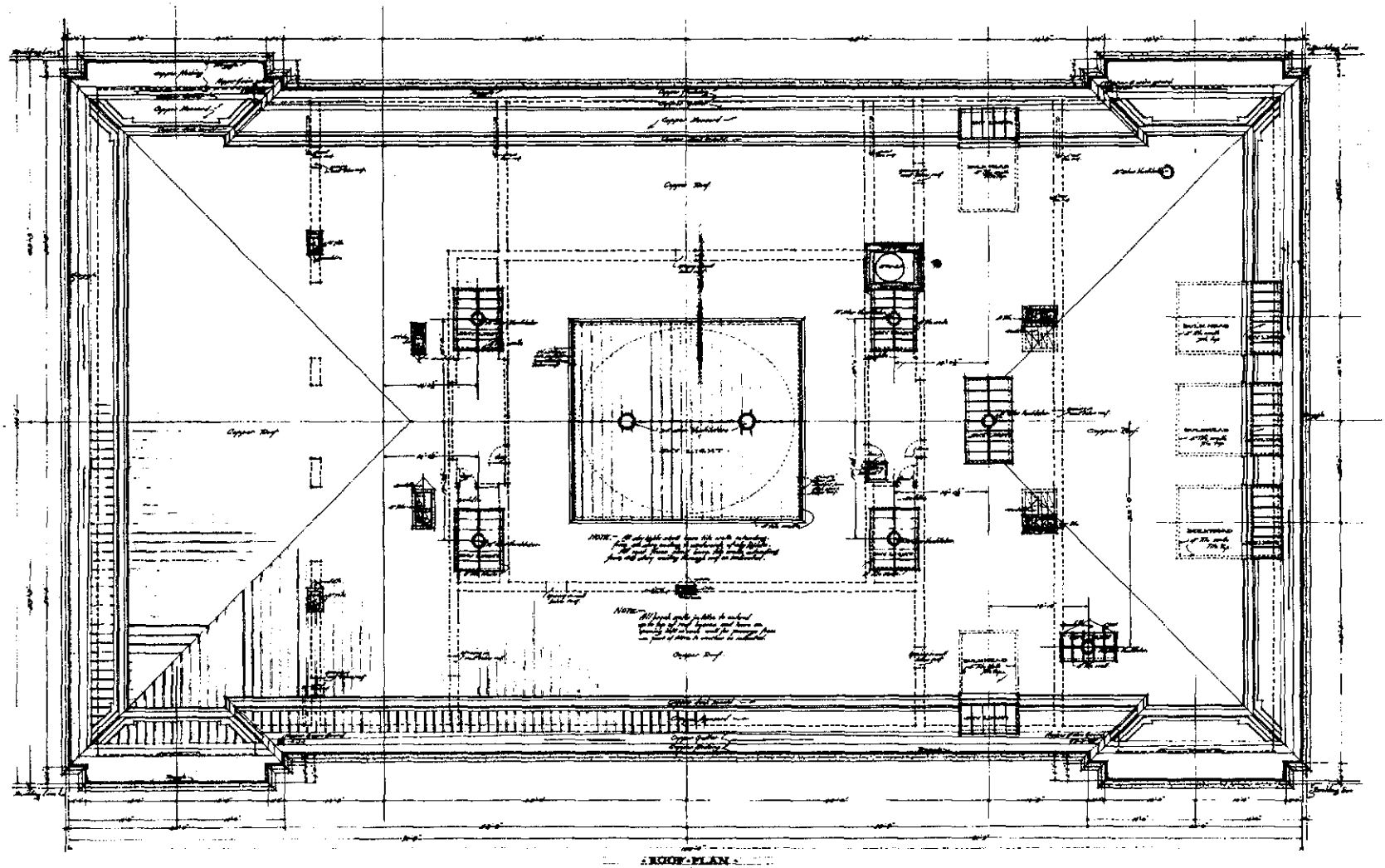
6



- BALCONY PLAN -
SCALE 1/8" = 1'-0"

INDIANAPOLIS CITY HALL
BURNSH & HUNTER ARCHITECTS

7

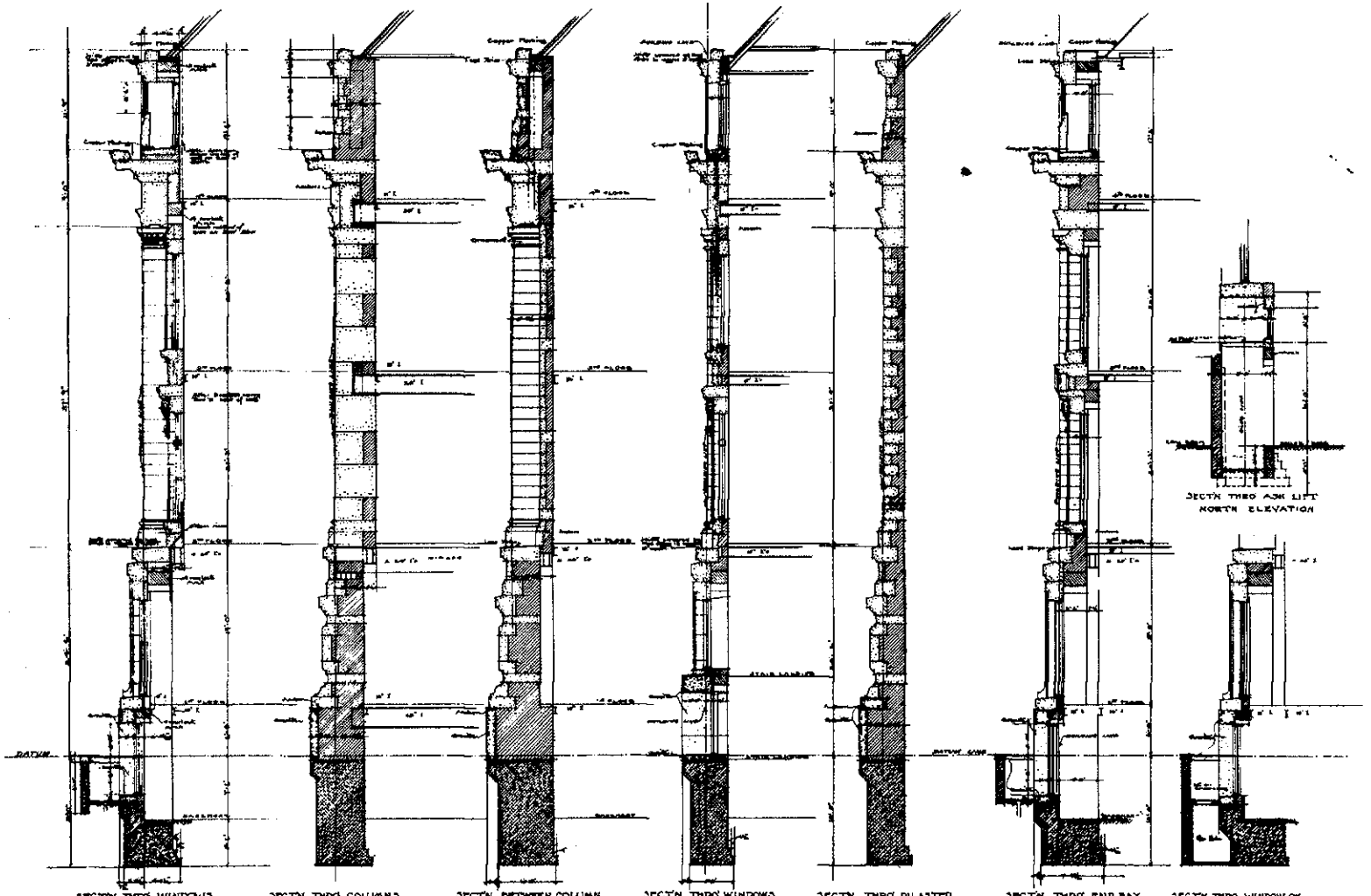


ROOF PLAN

INDIANAPOLIS CITY HALL

RUSH & HUNTER, ARCHITECTS

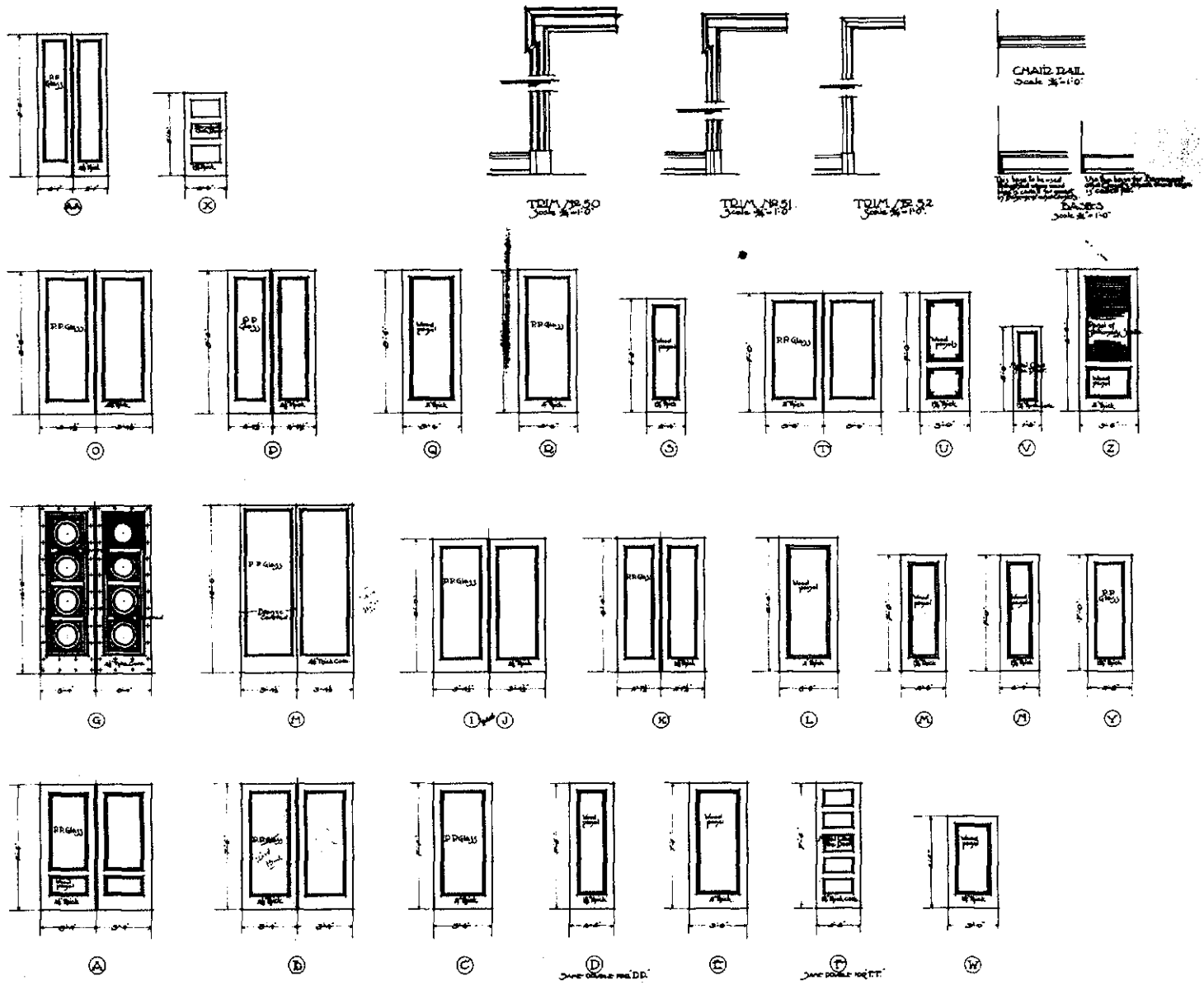
8



EXTERIOR · WALL · SECTIONS ·
SCALE ¼ IN. = 1 FT.

INDIANAPOLIS · CITY · HALL ·
· RUBUSH & HUNTER · ARCHITECTS ·

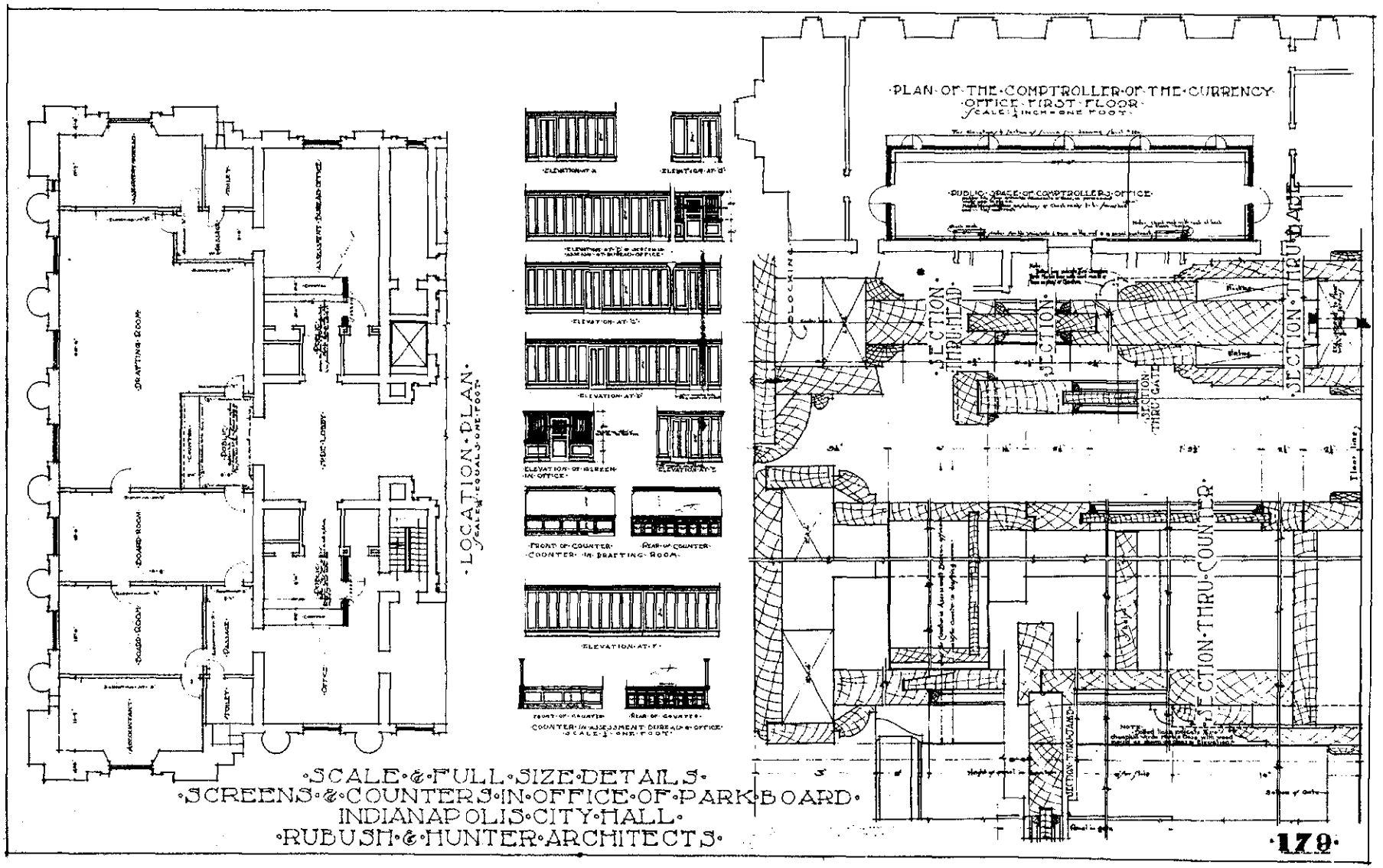
11

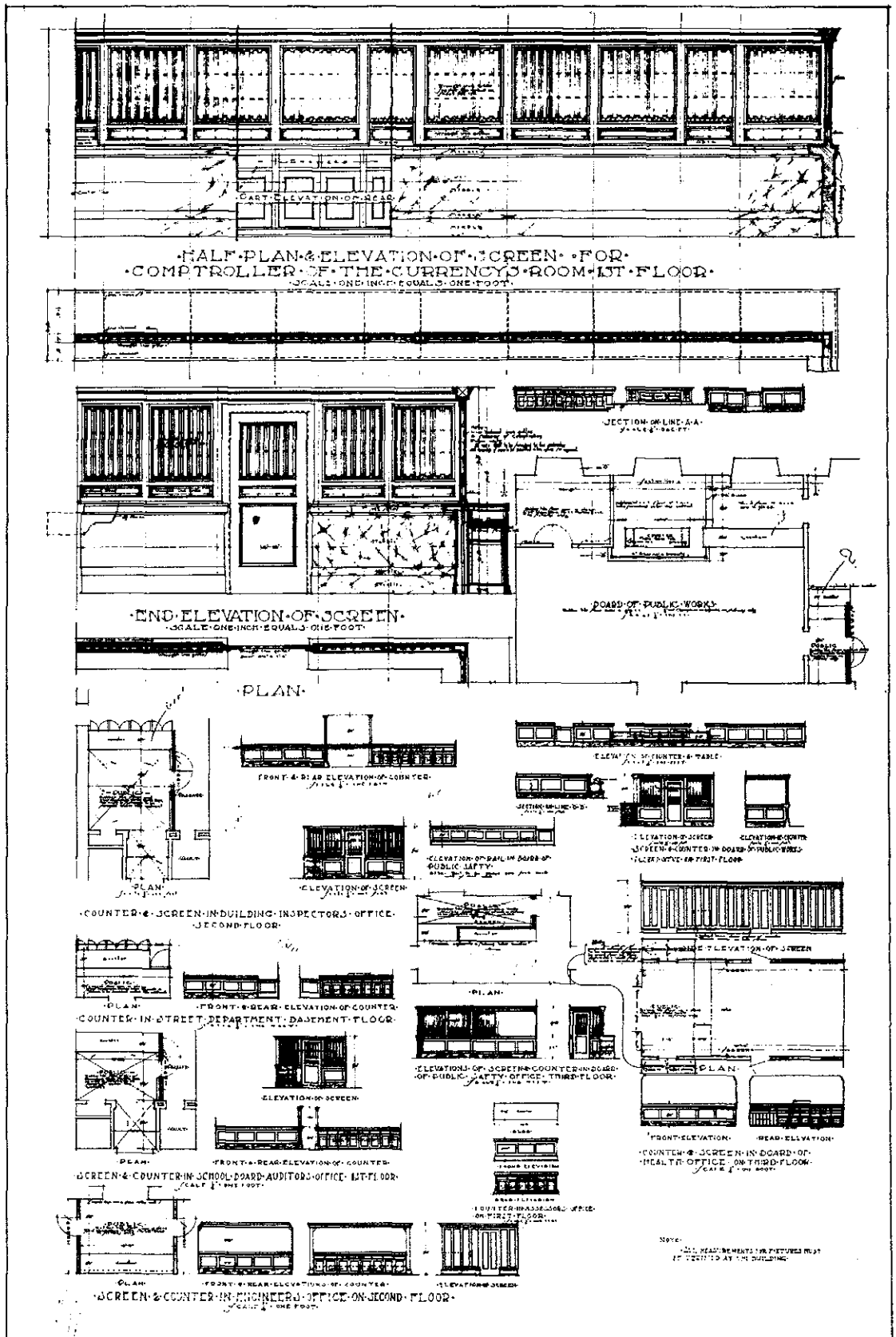


DETAILS OF DOORS

INDIANAPOLIS CITY HALL

RUBUSH & HUNTER ARCHITECTS


LOCATION PLAN
SCALE: 1 INCH EQUALS ONE FOOT
DRAFTING ROOM
BOARD ROOM
BOARD ROOM
ASSESSMENT BUREAU OFFICE
PUBLIC LOBBY
OFFICE
ELEVATION AT A
ELEVATION AT B
ELEVATION AT C
ELEVATION AT D
ELEVATION AT E
ELEVATION AT F
FRONT OF COUNTER
REAR OF COUNTER
COUNTER IN DRAFTING ROOM
COUNTER IN ASSESSMENT BUREAU OFFICE
SCALE: 1 INCH = ONE FOOT
PLAN OF THE COMPTROLLER OF THE CURRENCY OFFICE FIRST FLOOR
SCALE: 1 INCH = ONE FOOT
PUBLIC SPACE OF COMPTROLLER'S OFFICE
SECTION THRU HALL
SECTION THRU COUNTER
SECTION THRU GATE
SECTION THRU HALL
SECTION THRU COUNTER
SECTION THRU HALL
SCALE & FULL SIZE DETAILS
SCREENS & COUNTERS IN OFFICE OF PARK BOARD
INDIANAPOLIS CITY HALL
RUBUSH & HUNTER ARCHITECTS
179



SCREENS & COUNTERS IN OFFICES
INDIANAPOLIS CITY HALL
RUBUSH & HUNTER ARCHITECTS

PH000311

Form 10-300
(Rev. 6-72)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES INVENTORY – NOMINATION FORM

(Type all entries - complete applicable sections)

STATE:	INDIANA
COUNTY:	MARION
FOR NPS USE ONLY	
ENTRY DATE	OCT 25 1974

1. NAME

COMMON:
Indiana State Museum

AND/OR HISTORIC:
Old Indianapolis City Hall

2. LOCATION

STREET AND NUMBER:
202 N~~orth~~ Alabama Street, ~~Heritage Square~~

CITY OR TOWN:		CONGRESSIONAL DISTRICT:	
Indianapolis		11th	
STATE	CODE	COUNTY:	CODE
Indiana 46204	18	Marion	097

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP		STATUS	ACCESSIBLE TO THE PUBLIC
☐ District ☒ Building ☐ Site ☐ Structure ☐ Object	☒ Public ☐ Private ☐ Both	Public Acquisition: ☐ In Process ☐ Being Considered	☒ Occupied ☐ Unoccupied ☐ Preservation work in progress	Yes: ☒ Restricted ☐ Unrestricted ☐ No

PRESENT USE *(Check One or More as Appropriate)*

☐ Agricultural	☐ Government	☐ Park	☐ Transportation	☐ Comments
☐ Commercial	☐ Industrial	☐ Private Residence	☐ Other *(Specify)*	
☐ Educational	☐ Military	☐ Religious		
☐ Entertainment	☒ Museum	☐ Scientific		

RECEIVED JUL 25 1974 NATIONAL REGISTER

4. OWNER OF PROPERTY

OWNER'S NAME:
State of Indiana - Department of Natural Resources

STREET AND NUMBER:
100 North Senate Ave. State Office Bldg. Room 608

CITY OR TOWN:	STATE:	CODE
Indianapolis,	Indiana 46204	18

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC:
City-County Building Marion County

STREET AND NUMBER:
200 East Washington Street

CITY OR TOWN:	STATE	CODE
Indianapolis	Indiana 46204	18

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
Indiana Historic Preservation Program and Survey

DATE OF SURVEY: 1972 ☐ Federal ☒ State ☐ County ☐ Local

DEPOSITORY FOR SURVEY RECORDS:
Department of Natural Resources

STREET AND NUMBER:
100 North Senate Ave. State Office Bldg. Room 608

CITY OR TOWN:	STATE:	CODE
Indianapolis	Indiana 46204	18

SEE INSTRUCTIONS

STATE: Indiana
COUNTY: Marion
FOR NPS USE ONLY
ENTRY NUMBER
DATE
OCT 29 1974

7. DESCRIPTION

CONDITION	(Check One)					
	☒ Excellent	☐ Good	☐ Fair	☐ Deteriorated	☐ Ruins	☐ Unexposed
	(Check One)		(Check One)			
	☒ Altered	☐ Unaltered	☐ Moved	☒ Original Site		

DESCRIBE THE PRESENT AND ORIGINAL *(if known)* PHYSICAL APPEARANCE

The Indiana State Museum Building (formally the Indianapolis City Hall) is an adaptation of Roman Classic Architecture by the firm of Rubush and Hunter. The cornerstone was laid on July 27, 1909 and the building was dedicated on December 21, 1910. It is located on the Northwest corner of Ohio and Alabama Streets four blocks Northeast of the circle that marks the center of Indianapolis on a lot with 202 1/2 feet on the front and 135 feet deep. The building itself occupies an area 188 by 133 feet. The longest side being the main entrance and facing East onto Alabama Street.

The four story and basement structure was constructed of hard burned brick faced with large slabs of Indiana Bedford limestone with a granite foundation. All sides of the building, even those facing on narrow alleys, are equally well finished. Much of the interior work is done in red construction tile, most commonly 12 by 12 by 4 inches, although other sizes are used. The use of this tile may account for the short time needed to construct the building. The total cost of the building exclusive of ground and portable fixtures was $699,239.83.

The decoration is typical of Neo-Classical Revival buildings. The first floor has three double bronze doors with bronze torchiers at the sides. These are framed with low pediments and carved lotus buds on the lintels. The second and third stories have recessed Roman Doric engaged columns banded at the top by a egg and dart motif. The columns are topped by a square abacus. A simple architrave with disks spaced over each column decorates the frieze while a continuous dentil runs under the cornice topped with an egg and dart. The fourth story attic conceals a low flat roof.

Entering through a marble columned lobby, one finds the floors of all lobbies and corridors inlaid with colored marble, while the walls have marble wainscoting, panels and pilasters. Columns in the rotunda area are scagliola matching the Antique Verde bases. Much of the original mahogany woodwork can still be seen in many areas. The Rotunda stretches eight-five feet above the lobby and is capped by a magnificent 750 square foot stained glass dome typical of the "Tiffany Era." Wreaths with acorns, peaches and other ripe fruit entwine themselves among the geometrical pattern of a bewildering array of multicolored glass. Light streaming through the dome casts a soft glow throughout the center and balconies on each floor. A Foucault Pendulum now hangs from the dome and swings majestically over a compass rose design in marble which was an original feature of the rotunda floor. From each of the balconies one can sense the feeling of immense space inspiring a sense of pure visual delight within the building.

The Cincinnati art firm of William F. Behrens was commisioned to provide all of the murals decorating the interior. Each have simulated gold backgrounds, with animal symbols of the zodiac with a heavily laden wreath of fruits and flowers and ribbons. Inside the wreaths are heads of chaste maidens with sweet smiles and down cast eyes.

SEE INSTRUCTIONS

Form 10-300a
(July 1969)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Continuation Sheet)

STATE	
INDIANA	
COUNTY	
MARION	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
	OCT 2 5 1974

(Number all entries)

DESCRIPTION CONTINUED

From 1964 to 1966, under the direction of James Associates of Indianapolis, the state invested nearly a million dollars in renovating the building for Museum purposes. The exterior was cleaned and repointed, and all windows openings were sealed except in the third floor office area. Interior surfaces were painstakingly cleaned or painted. Ceilings in the exhibit areas were lowered to permit installation of air conditioning, humidity controls, and additional wiring. Paneling and a traffic resistant floor covering was installed in all exhibit areas. In spite of the sealed windows, the original architectural character has been retained, and inside, the tremendous enclosed space bespeaks ~~of~~ another era. Since 1966 the building has been occupied by the Indiana State Museum. The most recent addition to the exterior of the building are two carved limestone eagles that flank the entry stairs. They were removed from the famed interurban traction terminal (1904-1968) and given to the Indiana State Museum in 1968.

RECEIVED
JUL 2 5 1974
NATIONAL REGISTER

8. SIGNIFICANCE

PERIOD *(Check One or More as Appropriate)*

- [ ] Pre-Columbian
- [ ] 15th Century
- [ ] 16th Century
- [ ] 17th Century
- [ ] 18th Century
- [ ] 19th Century
- [x] 20th Century

SPECIFIC DATE(S) *(If Applicable and Known)*

AREAS OF SIGNIFICANCE *(Check One or More as Appropriate)*

Aboriginal
- [ ] Prehistoric
- [ ] Historic

- [ ] Agriculture
- [x] Architecture
- [x] Art
- [ ] Commerce
- [ ] Communications
- [ ] Conservation
- [x] Education
- [ ] Engineering
- [ ] Industry
- [ ] Invention
- [ ] Landscape Architecture
- [ ] Literature
- [ ] Military
- [ ] Music
- [x] Political
- [ ] Religion/Philosophy
- [ ] Science
- [ ] Sculpture
- [ ] Social/Humanitarian
- [ ] Theater
- [ ] Transportation
- [ ] Urban Planning
- [ ] Other *(Specify)*

STATEMENT OF SIGNIFICANCE

The Old Indianapolis City Hall, now the Indiana State Museum was completed in December of 1910. At the dedication of the cornerstone in July, 1909 Mayor Charles Bookwalter stated firmly, "One thing is certain and that is I am going to build a City Hall and have city officers installed in it before I go out of office." Although he used a bond issue that had originally been made to build a Civic center and the building was completed in a surprising one and a half years, his promise was unfulfilled. A former auctioneer vaudevillian and utter individualist, Samuel Lewis Shank, greeted people in his new office with one leg thrown over the arm of his chair and smoking a cigar on the day of the dedication. That day, December 21, 1910, the building was opened to the public with great fanfare, including an orchestra and speeches by Governor Thomas R. Marshall, and six former mayors, Bookwalter being last on the program. In spite of the rapid construction, the race for occupation, and flamboyant mayors the building served the people of Indianapolis for over half a century. The city offices were moved to the new city county building down the block and the State of Indiana leased the structure in 1963.

The Old Indianapolis City Hall is considered one of the finest examples of early 20th century public buildings in the area. The exterior is a clear illustration of Neo-classical revival archiecture and the interior is a fine example of what was considered the height of decorative art at the time. The quality of construction is witnessed by the fine condition and usefulness of the building today. As the Indiana State Museum the public still enjoys access and the building is being carefully maintained.

RECEIVED
JUL 3 5 1974
NATIONAL REGISTER

SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

Indianapolis Star, 11/18/08, 7/28/09, 2/3/10, 3/5/10, 11/6/10, In 8/5/62 "Pillars of Progress"
Indianapolis News, 11/23/08, 3/6/09
Indianapolis Times, 6/1/54
Marcus Whiffen, American Architecture Since 1780, 1969.
Sir Banister Fletcher, History of Architecture On The Comparative Method, 1961

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY						OR	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES					
CORNER	LATITUDE			LONGITUDE			LATITUDE			LONGITUDE		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
NW	°	'	"	°	'	"	39 °	46 '	13 "	86 °	9 '	10 "
NE	°	'	"	°	'	"						
SE	°	'	"	°	'	"						
SW	°	'	"	°	'	"						

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: Less than 1 acre

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE

RECEIVED JUL 25 1974 NATIONAL REGISTER

11. FORM PREPARED BY

NAME AND TITLE: Mary Jane Meeker and Eric Gilbertson

ORGANIZATION: Indiana Department of Natural Resources, Indiana State Museum

DATE: 6/12/74

STREET AND NUMBER: 202 North Alabama Street, Heritage Square

CITY OR TOWN: Indianapolis,

STATE: Indiana 46204

CODE: 18

12. STATE LIAISON OFFICER CERTIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National ☐ State ☒ Local ☐

Name [signature]

Title State Liaison Officer

Date 7-17-74

NATIONAL REGISTER VERIFICATION

I hereby certify that this property is included in the National Register.

[signature]

Director, Office of Archeology and Historic Preservation

Date 10/29/74

ATTEST:

[signature]

Keeper of the National Register

Date 10-22-74

SEE INSTRUCTIONS

☆ U.S. GOVERNMENT PRINTING OFFICE : 1973-729-147/1442 3-1

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: ADDITIONAL DOCUMENTATION

PROPERTY NAME: Indianapolis City Hall, Old

MULTIPLE NAME:

STATE & COUNTY: INDIANA, Marion

DATE RECEIVED: 1/07/97 DATE OF PENDING LIST:
DATE OF 16TH DAY: DATE OF 45TH DAY: 2/21/97
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 74000029

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL:	N	DATA PROBLEM:	N	LANDSCAPE:	N	LESS THAN 50 YEARS:	N
OTHER:	N	PDIL:	N	PERIOD:	N	PROGRAM UNAPPROVED:	N
REQUEST:	N	SAMPLE:	N	SLR DRAFT:	N	NATIONAL:	N

COMMENT WAIVER: N

✓ ACCEPT ___ RETURN ___ REJECT 2/5/97 DATE

ABSTRACT/SUMMARY COMMENTS:

Additional Documentation Accepted

RECOM./CRITERIA_____

REVIEWER_____ DISCIPLINE_____

TELEPHONE_____ DATE_____

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

74000029

INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Historic Preservation
and Archaeology
402 W. Washington St., Rm. 274
Indianapolis, Indiana 46204
317-232-1646

December 31, 1996

RECEIVED 2280
JAN 7 1997
NAT. REGISTER OF HISTORIC PLACES
NATIONAL PARK SERVICE

Carol D. Shull, Keeper
National Park Service
Interagency Resources Division
800 North Capitol, Room LL 99
Washington, D.C. 20013-7127

Dear Ms. Shull,

It has come to our attention that the building located at 202 North Alabama Street in Indianapolis (Marion County), Indiana is listed on the National Register of Historic Places under an erroneous name.

The property is listed on the National Register as follows:

Indiana State Museum
202 North Alabama Street
Indianapolis (10-29-74)

Documentation of listing is enclosed. The name "Indiana State Museum" is a contemporary name and usage of the building. In fact, that name and use may soon change as a new State Museum complex is partly under construction at this time. The proper name should be the historic name, which, on the nomination form under the blank "and/or historic:" reads: "Old Indianapolis City Hall". In order to clarify the National Register status of this property, we request that the property be listed as follows:

Old Indianapolis City Hall
202 North Alabama Street
Indianapolis (10-29-74)

Since there is no substantive change in any other information presented in the nomination, we hoped that this technical oversight could be corrected by this request. Any questions concerning this property should be addressed to staff member Paul Diebold.

Sincerely,

Daniel J. Fogerty

Daniel J. Fogerty, A.I.A.
Director

DJF:PCD

cc: Richard Gantz, Director, ISM

enclosures

"EQUAL OPPORTUNITY EMPLOYER"

PRINTED ON RECYCLED PAPER

APPENDIX B

Certificate of Asbestos Accreditation

Indiana Dept. of Environmental Management

Nivas R. Vijayaraghavan

Asbestos Inspector License #: 197004016

Effective: **01/13/2015**	Expiration: **01/13/2016**
Birth Date: **05/29/1979**	Gender: **M**
Height: **5-08**	Eye Color: **BRO**
Weight: **145**	Hair Color: **BLK**

Indiana Dept. of Environmental Management

Ryan M. Orzechowicz

Asbestos Inspector License #: 19A001542

Effective: **01/07/2015**
Birth Date: **07/29/1983**
Height: **5-09**
Weight: **160**

Expiration: **01/07/2016**
Gender: **M**
Eye Color: **Green**
Hair Color: **Brown**

APPENDIX C

Standard Operating Procedures for Asbestos Sampling

Standard Operating Procedures
Asbestos Building Inspection and Sampling Protocol

1.0 PURPOSE

Asbestos inspections are completed to determine the presence of ACM in accordance with the National Emission Standard of a Hazardous Air Pollutant (NESHAP) for Asbestos, 40 CFR 61 Subpart M, and 326 IAC 14-10, Emission Standards for Asbestos; Demolition and Renovation Operations. Samples, if necessary, are collected in general conformance with the procedures outlined in the Asbestos Hazard Emergency Response Act of 1986 (AHERA). In accordance with the United States Environmental Protection Agency (USEPA) 40 CFR 763.83 Subpart E definitions, the three types of ACM are: thermal system insulation, surfacing materials, and miscellaneous materials.

2.0 SAMPLING STRATEGIES

The sampling strategy for any suspect material is dependent upon the application, area covered and apparent uniformity and homogeneity of the application. Each suspect material is placed into a grouping referred to as a homogeneous area. The homogeneous area is all material of the same type, color, texture, and estimated age of installation. Suspect materials are classified based on three (3) basic categories, thermal system insulation (TSI), surfacing material (S), and miscellaneous material (Misc).

TSI is material used to prevent heat loss or gain, or prevent condensation and includes pipe insulation, valve and fitting insulation, boiler insulation, breeching insulation, and tank insulation. Surfacing materials are sprayed on, troweled on, or otherwise applied to a surface such as acoustical plaster on ceilings or fireproofing on structural members or decking, or on surfaces for fireproofing purposes.

Miscellaneous or other materials are those that are not classified into the categories of TSI or surfacing, such as ceiling tile, floor tile, roofing felt, cove base and mastic. Upon defining homogeneous areas, each area is sub-divided into sectors. Sectors are randomly chosen from which a sample of the material is collected (per the U.S. EPA's "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials", dated October 1985). The number of samples collected depends upon the type of material (TSI, S, Misc) and amount according to the following chart based on OSHA regulations (29 CFR 1926.1001).

3410 Mishawaka Ave. Toll Free 888.289.1191 Phone 574.289.1191
South Bend, Indiana 46615 www.heartlandenv.com Fax 574.289.7480

Type of Material	Amount	Number of Samples
Surfacing	<1,000 SF	Minimum of 3
	1,000 – 5,000 SF	Minimum of 5
	> 5,000 SF	Minimum of 7
TSI	<6 LF/SF	1
	>6 LF/SF	Minimum of 3
Misc/Other	Any	Sufficient to Determine ACM/Not-ACM (generally 3/5/7 as above for surfacing)
Note: LF = Linear Feet SF = Square Feet		

At any time, a building inspector can elect to assume the material is asbestos containing and thereby forego sampling requirements for that homogeneous area.

Collection of samples is accomplished by carefully extracting a portion of the material (1 – 10 cm^3) to include all layers present in the material. The samples are then numbered and labeled with a unique number and delivered to the laboratory for analysis by Polarized Light Microscopy.

3.0 DETERMINATION OF NON-ASBESTOS CONTAINING MATERIALS

Sampling and analysis of suspect asbestos materials is performed in an attempt to eliminate materials as ACM. Suspect materials are primarily determined by knowledge of the uses of asbestos: heat insulation, fire retardant, electric systems insulator, chemical resistant material, and many building materials that required durability. Elimination of a material as ACM for the purposes of maintenance, renovation, or demolition work may only be performed by an accredited asbestos building inspector through a building inspection and assessment procedure. Elimination of a material may occur if (1) the material is visibly non-ACM (only really applies to fiberglass and rubberized materials); (2) documentation illustrates that the materials used are non-ACM; or (3) sampling and analysis are performed. According to OSHA's Construction Standards, negative analytical results for a minimum of three (3) samples are required to conclusively determine a material to be non-ACM. All three (3) of these samples must be determined to be visually the same material from the same homogeneous area (same color, texture, and estimated date of installation). A "same" material is primarily identified as a material whose appearance and application are the same. Materials cannot be judged as being in the same homogeneous area, even if these materials appear the same and are applied the same unless the time on installation is also the same. The materials must have been installed or constructed at the same time, or purchased as the same material at the same time, but installed at different times. If date of construction or installation is in doubt more than one (1) homogeneous area must be determined.

APPENDIX D

Previous Environmental Assessment Reports

PHASE II ENVIRONMENTAL STUDY FOR ASBESTOS, LEAD PAINT, LEAD AND COPPER IN DRINKING WATER, AND BACTERIA AND MOLD IN AIR AT THE

FORMER INDIANA STATE MUSEUM
Located on
NORTH ALABAMA

INDIANAPOLIS, INDIANA
MARION COUNTY

RECEIVED
APR 03 2002
IMCPL

Prepared for

Mr. Ed Olsen
Indianapolis Public Library

March 28, 2002

Shrewsberry & Associates
7168 Graham Road, Suite 100
Indianapolis, IN 46250
Phone: (317)841-4799
FAX: (317)841-4798
www.shrewsusa.com

2318.00-2002

Shrewsberry & Associates

RECEIVED
APR 03 2002
IMCPL

March 28, 2002

7168 Graham Road
Suite 100
Indianapolis, IN 46250
317.841.4799
FAX: 317.841.4798

Mr. Ed Olsen
Indianapolis Public Library
2450 N. Meridian Street
Indianapolis, Indiana 46206-0211

PHASE II ENVIRONMENTAL STUDY FOR ASBESTOS, LEAD PAINT, LEAD AND COPPER IN DRINKING WATER, AND BACTERIA AND MOLD IN AIR AT THE FORMER INDIANA STATE MUSEUM LOCATED ON NORTH ALABAMA, INDIANAPOLIS, MARION COUNTY, INDIANA.

Dear Mr. Olsen:

In accordance with your request, we performed a Phase II Environmental Assessment of the above referenced site to identify apparent sources and types of potential environmental hazards which could pose dangers to human health and the environment and which could affect the value and/or disposition of the property.

Data, analysis, conclusions and conditions upon which these findings and recommendations are based are summarized in the following report dated March 28, 2002. The field study of the subject site was conducted on Saturday, March 2, 2002 by Mr. D. Blake Wilson of Shrewsberry and Associates and Mr. Brian Wilson of CEM to obtain and analyze samples for asbestos in building material, lead in paint lead and copper in drinking water and bacteria and mold in air.

Authorization to perform this assessment for this study was in the form of a written agreement between you and Mr. D. Blake Wilson. This report was generated as a requirement for the remodeling and use of the property.

Should you have any questions or comments regarding our findings, please do not hesitate to contact us. We appreciate the opportunity to be of service.

Sincerely,

SHREWSBERRY & ASSOCIATES

D. Blake Wilson, CPG
Environmental Department Manager

Enclosures

S:\2002\2318.00-2002\PH2_Petroleum State Museum.doc

CERTIFICATION

CERTIFICATION: The **Consultant** (preparer of this report) certifies and agrees that:

1. The Consultant has no present or contemplated future interest in the property being assessed; and neither the employment to make the assessment, nor the compensation for it, is contingent upon the outcome of the assessment.

2. The Consultant has no personal interest in or bias with respect to the subject matter of the Assessment Report or the participants in connection with it. The findings of the Assessment Report are not based in whole or in part upon the race, color, or national origin of the past, current, or prospective owners or occupants of the property assessed, or upon the race, color, or national origin of the past, current, and/or future owners or occupants of the properties in the vicinity of the property assessed.

3. The Consultant has personally inspected the property. To the best of the Consultant's knowledge and belief, all statements and information in this report are true and correct, and the Consultant has not knowingly withheld any significant information. This Environmental Site Assessment is based on conditions as they existed at the time of the investigation. Surface and subsurface conditions at the site may change or develop based on forces and conditions.

4. All contingent and limiting conditions are contained herein (imposed by the terms of the assignment or by the undersigned affecting the analyses, opinions, and conclusions contained in the report).

5. This report has been made in conformity with and subject to the code of ethics and standards of professional practice set forth by the American Society for Testing and Materials (ASTM) at the date this Environmental Site Assessment was made.

6. All conclusions and opinions concerning the property being screened that are set forth in the Assessment Report were prepared by the Consultant whose signature appears on the Assessment Report. The conclusions and opinions are based on research and investigations, performed by the Consultant and his staff, of the property. Unless indicated as "Review Consultant/Auditor," no change of any item in the Assessment Report shall be made by anyone other than the Consultant, and the Consultant shall have no responsibility for any unauthorized change.

7. In preparing this Preliminary Assessment Report, Paul I. Shrewsberry & Associates has applied generally accepted professional practices and standards and exercised its professional judgment, skill and care in a manner consistent with that of other professionals performing similar work under similar conditions.

STATEMENT OF LIMITING CONDITIONS AND DISCLAIMER

CONTINGENT AND LIMITING CONDITIONS: The Certification of the Consultant appearing in the Assessment Report is subject to the following conditions and to such other specific and limiting conditions as are set forth by the Consultant in the report.

1. The Consultant assumes no responsibility for matters of a legal nature affecting the subject property assessed or the title thereto, nor does the Consultant render any opinion as to the title, which is assumed to be good and marketable. The property is assessed as though under responsible ownership.

2. Any sketch in the report may show approximate dimensions and is included to assist the reader in visualizing the property. Unless otherwise specified, the Consultant has made no survey of the property. All information furnished to Paul I. Shrewsberry & Associates, including legal descriptions, map, plats and testimony are assumed to be correct. In addition, points of reference on the site which are used as benchmarks or property line indicators are also assumed to be correct. Paul I. Shrewsberry & Associates assumes no responsibility for the accuracy of this information.

3. The Consultant is not required to give testimony or appear in court because of having made the assessment with reference to the property in question, unless arrangements have been previously made therefore.

4. Information, estimates, and opinions furnished to the Consultant, and contained in the report, were obtained from sources considered reliable and believed to be true and correct. However, no responsibility for accuracy of such items furnished the Consultant can be assumed by the Consultant. The Consultant and Paul I. Shrewsberry & Associates assumes no responsibility or liability for any inaccuracies, damages, errors or omissions brought about by falsified or classified information furnished by the client, his representatives and governmental records.

5. Disclosure of the contents of the Assessment Report is governed by the by-laws and regulations of the American Society for Testing and Materials (ASTM). This Environmental Site Assessment is made only for the person defined in this report, unless other specific arrangements have been made as set forth in this report. This report may not be used for any purpose by any other person without the previous written consent of Paul I. Shrewsberry & Associates

6. Paul I. Shrewsberry & Associates and this report assume that the property is responsibly managed, and in compliance with all local, state, and federal laws and regulations. By submitting this report, Paul I. Shrewsberry & Associates assumes none of the obligations or responsibilities of the owner or any other entity in responsible control of the property which is the subject of this report.

7. It is Shrewsberry & Associates intent that the Assessment Report and its recommendations be used as a guidance tool, in addressing the property's environmental concerns, and not necessarily as a firm course of action unless stated.

8. Any information, conclusions and recommendations provided within the Assessment Report is not to be construed, applied, or intended as legal advice.

9. The Consultant cannot assure that all environmental problems and hazards have been identified or recorded even in a due diligence investigation.

10. The Consultant and Paul I. Shrewsberry & Associates will not participate in a failure to disclose conditions that threaten potential harm to individuals or the environment.

11. The client agrees to pay all charges and service fees incurred by Paul I. Shrewsberry & Associates for services as a professional witness in giving testimony or appearing in court and/or performing services not outlined within the scope of work.

12. Paul I. Shrewsberry & Associates reserves the right to terminate this agreement for any reason that can be construed as unlawful, fallacy and/or the failure to disclose conditions that can threaten human life and the environment by the client. Written notice of termination will be given. Proper authorities will be notified. Paul I. Shrewsberry & Associates will be entitled to receive full compensation for services previously rendered under this agreement plus expenses incurred in the termination of this agreement.

TABLE OF CONTENTS

Letter of Transmittal i

Certification ii

Statement of Limiting Conditions and Disclaimer iii

Table of Contents iv

Executive Summary and Recommendations 1

Introduction 2
- Site Location
- Scope of Work

Field Investigation 2
- Methodology
- Samples Collected
- Quality Control
- Closure

Findings and Laboratory Analysis 4

Conclusions and Recommendations 7

Attachments and Exhibits 8

- Exhibit A & B - Site Photographs

Chain of Custody Forms and Analytical Results 9

EXECUTIVE SUMMARY AND RECOMMENDATIONS

Executive Summary

A Phase II Environmental Assessment was conducted at the former Indiana State Historical Museum in Indianapolis, Marion County, Indiana. The testing requested included:

1) Asbestos testing of building material, which is to be disturbed or removed during remodeling.

2) Lead paint testing of material to be demolished.

3) Lead and copper in drinking water for consumption and use.

4) Bacteria and mold in air in work environment and possibly damaging to printed material.

The purpose of this report is to convey the findings, conclusions and recommendations of this sampling assessment.

This assessment has revealed the following environmental concerns.

Asbestos
No asbestos was identified in the material sampled.

Lead paint
No lead was detected in the painted surfaces tested.

Lead in drinking water
Lead was not detected in water above the laboratory detection limit of 0.005 MG/L.

Cooper in drinking water
Copper was not detected in water above the action limit of 1.3 MG/L.

Mold and bacteria
Was detected inside the facility below ambient outdoor air.

Recommendations

No further action is required on the items tested.

INTRODUCTION

On March 2, 2001, Shrewsberry & Associates performed a Phase II environmental assessment of the former Indiana State Museum. Review indicates that this facility functioned as a museum and was constructed in the early 1900' s.

FIELD INVESTIGATION

Six different potential environmental issues were investigated. The issue were lead paint, lead in drinking water, copper in drinking water, asbestos and mold and bacteria in air. Samples were acquired from building material that are to be disturbed to test for asbestos and lead paint. Water samples were taken from the restroom taps to test for lead and copper. Air samples were taken throughout to test for mold and bacteria.

Methodology

Asbestos samples were obtained from plaster walls tagged for demolition. Sampling was conducted according to AHERA guidelines. Three samples were obtained from each material. These samples were placed in airtight containers labeled and sent to a NVLAP accredited laboratory to be analyzed by polarized light microscopy augmented with dispersion staining. Only material designated for demolition was sampled other building materials may contain asbestos within this facility.

Drinking water samples were obtained from bathroom taps according to the ASTM standard. Two 100 ml bottles were filled following a 5-minute purge of the tap. Upon filling bottles to their rims bottles were sealed and provided a sample number. Water samples were transported to a laboratory for analysis.

Lead paint chip samples were obtained from surfaces tagged for demolition or renovation. Samples were acquired according to the Indiana lead guidelines. Samples were placed in airtight containers labeled and transported to a state certified lab for analysis. Lead paint may exist in other areas of the museum only areas to be demolished or renovated were tested.

Mold samples were collected on a malt extract agar (MEA) using an N-5 Anderson sampler. Three (3) samples were collected at random from each of the five (5) floors. The samples were analyzed for viable (living) types of mold.

Bacteria samples were collected on a tryptic soy agar (TSA) using an N-5 Anderson sampler. One (1) samples was collected at random from each of the five (5) floors. The samples were analyzed for viable (living) types of bacteria.

Quality Control

Quality assurance/quality control is emphasized in three distinct areas of involvement in an investigating sampling report. These areas are defined as sampling activities, analytical activities and report writing activities.

Sampling Activities

Specific care was taken in collecting the samples. Clean disposable nitrile gloves were worn during the collection of each sample, and equipment was washed with liquinox soap and double rinsed with deionized water prior to each sample collection. Care was also taken to eliminate headspace within the sampling jars. Samples were stored on ice until delivery to the laboratory.

Analytical Activities

Samples were transported to ESG Laboratory for analysis. Samples were signed for by an ESG Laboratory personnel. Once samples were released into the laboratory's care, the laboratory's quality control program followed the samples. The laboratory reported results of analysis for reporting.

Report Writing Activities

Once all data has been received and verified, a report is composed of our findings. Data is Checked against the report to confirm quantities and concentrations. The report is then reviewed by
A senior staff member for completeness

Closure

After completion of the soil borings, each boring was filled with bentonite chips.

FINDINGS AND LABORATORY ANALYSIS

Asbestos

Laboratory Analysis: Polarized light microscopy with dispersion staining EPA 600/m4-82-020

Sample #	Type of Material	Asbestos Content	Action Level	Location
AP1-3202-3a	Plaster	N/D	1%	South side of building
AP2-3202-3a	Plaster	N/D	1%	North side of building
AP3-3202-3a	Plaster	N/D	1%	South side of building
ACP1-3202-3a	Plaster	N/D	1%	North side of building
ACP2-3203-2a	Plaster	N/D	1%	South side of building

Lead Paint

Sample	Type	Lead Content	Location
001	Wall Paint	<0.012%	Front Entrance South Side
002	Wall Paint	<0.020%	Spring Exhibit
003	Wall Paint	<0.005%	Wetland Habitat Exhibit

Drinking Water

Sample	Lead Content	Copper Content	Action Level	Action Level	Location
			Lead	Copper	
DN1-3202-2	<0.005 MG/L	0.399 MG/L	0.015 MG/L	1.3 MG/L	2nd floor men
DW2-3202-2	<0.005MG/L	0.156 MG/L	0.015 MG/L	1.3 Mg/L	1st floor women
DW3-3202-2	<0.005 MG/L	0.507MG/L	0.015 MG/L	1.3 MG/L	Basement men

Findings and Laboratory Analysis Cont.

Industrial Hygiene Sample Data Sheet
MOLD

Sample Number	Sample Type	Sample Description Location	Concentration (Colony Forming Units/m3)
MEA001	Mold	4th Floor Center	Penicillium sp – 12.4 Cladosporium sp. 12.4
MEA002	Mold	4th Floor North Wing	Chaetomium sp. – 12.4
MEA003	Mold	4th Floor South Wing	None Detected
MEA004	Mold	3rd Floor Center	None Detected
MEA005	Mold	3rd Floor North Wing, 3N	None Detected
MEA006	Mold	3rd Floor South Wing, 3SE	Cladosporium sp. – 24.8 *Unidentified – 24.8 Yeast sp. – 12.4
MEA007	Mold	2nd Floor Center	None Detected
MEA008	Mold	2nd Floor North Wing, 2NE	Yeast sp. – 74.3 *Unidentified sp. – 12.4
MEA009	Mold	2nd Floor South Wing, 2S	None Detected
MEA010	Mold	1st Floor Center	None Detected
MEA011	Mold	1st Floor North Wing	None Detected
MEA012	Mold	1st Floor South Wing	Cladosporium sp. – 37.2 Yeast sp. – 37.2 Penicillium sp. – 12.4
MEA013	Mold	Basement Center (where new lunch area is to be)	Aspergillus sp. – 24.8 Cladosporium sp. – 12.4 Penicillium sp. – 12.4
MEA014	Mold	Basement North Wing	Penicillium sp. – 12.4 Cladosporium sp. – 12.4 Aspergillus sp. – 12.4
MEA015	Mold	Basement South Wing	None Detected
MEA016	Mold	Control Sample Outside Front Door	Aspergillus sp. – 74.3 Cladosporium sp. – 24.8 Chaetomium sp. – 12.4

*No Spore Production

Findings and Laboratory Analysis Cont.

Industrial Hygiene Sample Data Sheet
BACTERIA

Sample Number	Sample Type	Sample Description/Location	Concentration (Colony Forming Units/m3)
TSA001	Bacteria	4th Floor Center	Bacillus subtilis – 24.8 Psychrobacter immobilis – 12.4
TSA002	Bacteria	3rd Floor North Wing, #n	Micrococcus luteus – 12. 4
TSA003	Bacteria	2nd Floor South Wing, 2S	Bacillus psychrosaccharolyticus – 24.8 Eikenella corrodens sp. – 12.4
TSA004	Bacteria	1st Floor North Wing	Macrococus bovicus – 37.2 Tetragenococcus halophlus sp. – 24.8 Microbacterium arborescens – 12.4
TSA005	Bacteria	Basement South Wing	None Detected
TSA006	Bacteria	Control Sample Outside Front Door	Xanthomonas campestris pv malvacearum – 483.3 Micrococcus luteus – 272.6 Psychrobacter immobilis – 235.4

FINDINGS AND CONCLUSIONS

Paul I. Shrewsberry & Associates (S&A) was retained by Indianapolis, Marion County Public Library to conduct an investigation of the former State Museum on North Alabama Street, Indianapolis, Indiana. The scope of work for this investigation was based on a request by the client. The purpose of this report is to convey the findings, conclusions and recommendations of this investigation.

Analytical results for asbestos samples taken from proposed demolition material proved to be negative for asbestos.

Analytical results for lead paint chip samples taken from propose demolition material proved to be negative for lead paint

Analytical results for lead in portable water samples taken from restroom faucets throughout the facility proved to be negative for lead in portable water.

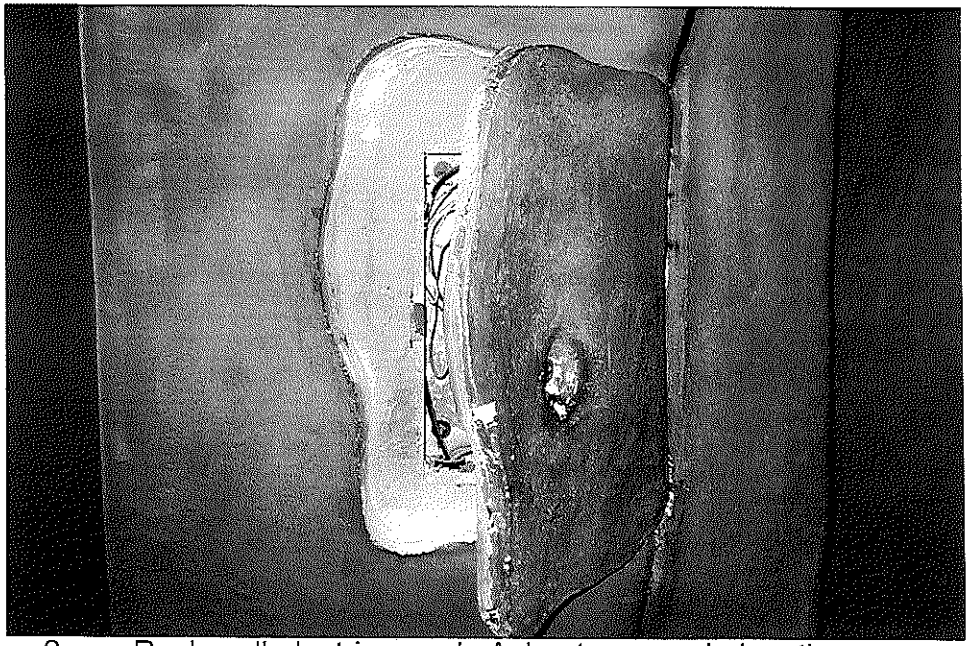
Analytical results for copper in portable water samples taken from restroom faucets throughout the facility proved to be negative for copper in portable water.

Analytical results for bacteria samples taken from several locations throughout the facility proved to be negative for bacteria.

Analytical results for mold samples taken from several locations throughout the facility proved to be negative for mold.

ATTACHMENTS AND EXHIBITS

1. Spring exhibit. Lead paint chip sample location.



2. Rock wall electric panel. Asbestos sample location.

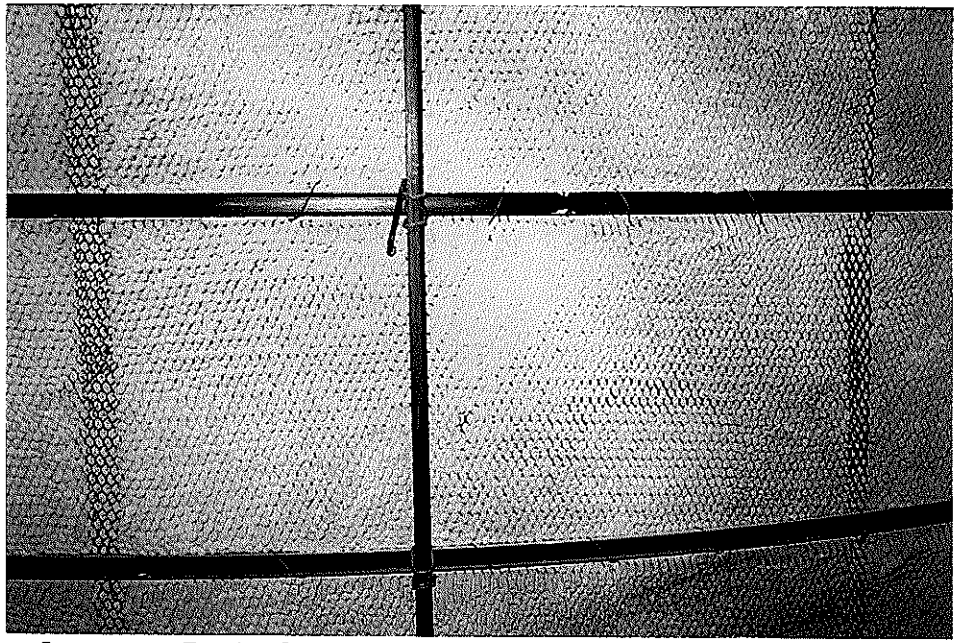
3. Summer exhibit. Asbestos sample location.

4. Wetland exhibit. Lead paint and asbestos sample location.

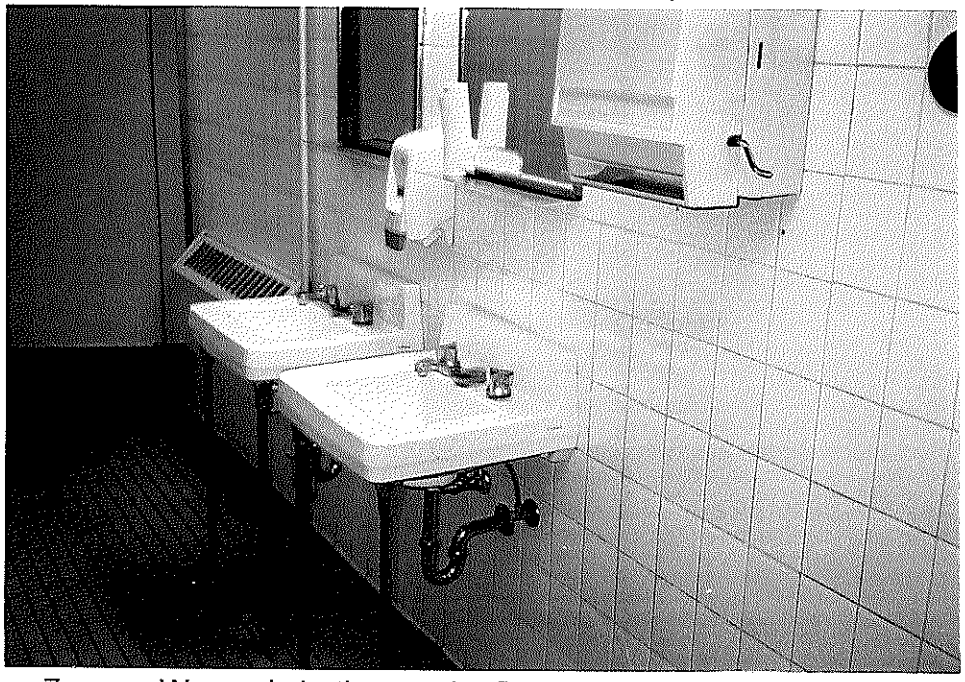
SITE PHOTOGRAPHS - STATE MUSEUM
EXHIBIT A
2318.00-2002

Shrewsberry & Associates

5. Front entrance. Lead paint chip sample location.



6. Back of exhibits. Asbestos sample location.



7. Women's bathroom 1st floor drinking water sample for lead and copper.

SITE PHOTOGRAPHS - STATE MUSEUM
EXHIBIT B
2318.00-2002

Shrewsberry & Associates

CHAIN OF CUSTODY AND RESULTS

CORPORATION for ENVIRONMENTAL MANAGEMENT

1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700 Fax: 317/687-8729
Toll Free Phone: 888/687-8721

March 20, 2002

Mr. Blake Wilson
SCHREWSBERRY & ASSOCIATES
7168 Graham Road
Indianapolis, Indiana 46250

Dear Mr. Wilson:

Pursuant to your request, Corporation for Environmental Management (CEM) has performed mold, bacteria and lead based paint (LBP) sampling at the former State Historical Museum in Indianapolis, Indiana. The sampling was performed on March 3, 2002 and samples were analyzed by EMSL Analytical, Inc.

Fifteen (15) mold samples were collected in addition to one (1) control sample taken outside the building. These mold samples were collected on a malt extract agar (MEA) using an N-5 Anderson Sampler. Three (3) samples were collected in various locations on each of five (5) floors, which included the basement. The samples were analyzed for viable (living) types of mold and their corresponding concentrations were reported in colony forming units per cubic meter of air (CFU/m^3).

Five (5) bacteria samples were collected in addition to one (1) control sample taken outside the building. These bacteria samples were collected on a tryptic soy agar (TSA) using an N-5 Anderson Sampler. One (1) sample was collected at random locations on each of five (5) floors, including the basement. The samples were analyzed for viable (living) types of bacteria and their corresponding concentrations were reported in colony forming units per meter cubed of air (CFU/m^3).

Three (3) lead paint chip samples were collected in the wildlife exhibit. These samples were randomly taken in areas that you requested. The samples were analyzed using flame atomic absorption (FAA) and the results are reported as a percent (%) of lead by weight.

Mold

The results from the mold sampling indicate that there is no indoor contamination at this time. The results were consistent with the outdoor control sample concentrations with one outlier. This outlier was found in sample MEA008 taken on the second floor in 2NE, with a concentration of 74.3 CFU/m^3.

The type of mold found in this sample was yeast and is a naturally occurring mold found everywhere in the environment and also lives as a normal inhabitant in our bodies. Results from all sampling are attached for your review.

BACTERIA

The results from the bacteria sampling were also found to be in low concentration. Based on these results, CEM does not believe there to be any indoor bacteria contamination at this time. All concentrations were found to be significantly lower then the outdoor concentrations. The highest indoor concentration was found in sample TSA004 taken on the first floor in the north wing. This concentration was 37.2 CFU/m^3 of bacillus. The outdoor concentration for bacillus was 272.6 CFU/m^3. Results from all sampling are attached for your review.

LEAD BASED PAINT

All lead based paint chip samples were found to contain no detectable amounts of lead. If other painted areas are to be demolished or renovated, CEM recommends that these areas be tested for lead or assumed that they contain lead prior to the work. If known or assumed lead is present, work must be done in conformance with the OSHA Lead in Construction Standard. Results from all sampling are attached for your review.

Mr. Wilson, CEM appreciates the opportunity to be of service to you and Shrewsberry and Associates. Feel free to contact the undersigned should you have questions or require additional information or services.

Sincerely,

CORPORATION for
ENVIRONMENTAL MANAGEMENT

Brian P. Wilson
Environmental Consultant

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name:State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
MOLD

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
MEA001	Mold	4th Floor Center	80.7	Penicillium sp. – 12.4 Cladosporium sp. – 12.4
MEA002	Mold	4th Floor North Wing	80.7	Chaetomium sp. – 12.4
MEA003	Mold	4th Floor South Wing	80.7	None Detected
MEA004	Mold	3rd Floor Center	80.7	None Detected
MEA005	Mold	3rd Floor North Wing, 3N	80.7	None Detected
MEA006	Mold	3rd Floor South Wing, 3SE	80.7	Cladosporium sp. – 24.8 *Unidentified – 24.8 Yeast sp. – 12.4
MEA007	Mold	2nd Floor Center	80.7	None Detected
MEA008	Mold	2nd Floor North Wing, 2NE	80.7	Yeast sp. – 74.3 *Unidentified sp. – 12.4
MEA009	Mold	2nd Floor South Wing, 2S	80.7	None Detected
MEA010	Mold	1st Floor Center	80.7	None Detected
MEA011	Mold	1st Floor North Wing	80.7	None Detected
MEA012	Mold	1st Floor South Wing	80.7	Cladosporium sp. – 37.2 Yeast sp. – 37.2 Penicillium sp. – 12.4
MEA013	Mold	Basement Center (where new lunch area is to be)	80.7	Aspergillus sp. – 24.8 Cladosporium sp. - 12.4 Penicillium sp. – 12.4

*No Spore Production

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name: State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
MOLD Cont.

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
MEA014	Mold	Basement North Wing	80.7	Penicillium sp. – 12.4 Cladosporium sp. – 12.4 Aspergillus sp. – 12.4
MEA015	Mold	Basement South Wing	80.7	None Detected
MEA016	Mold	Control Sample Outside Front Door	80.7	Aspergillus sp. – 74.3 Cladosporium sp. – 24.8 Chaetomium sp. – 12.4

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name:State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
BACTERIA

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
TSA001	Bacteria	4th Floor Center	80.7	Bacillus subtilis – 24.8 Psychrobacter immobilis – 12.4
TSA002	Bacteria	3rd Floor North Wing, 3N	80.7	Micrococcus luteus – 12.4
TSA003	Bacteria	2nd Floor South Wing, 2S	80.7	Bacillus psychrosaccharolyticus – 24.8 Eikenella corrodens sp. – 12.4
TSA004	Bacteria	1st Floor North Wing	80.7	Macrococus bovicus – 37.2 Tetragenococcus halophlus sp. – 24.8 Microbacterium arborescens – 12.4
TSA005	Bacteria	Basement South Wing	80.7	None Detected
TSA006	Bacteria	Control Sample Outside Front Door	80.7	Xanthomonas campestris pv malvacearum – 483.3 Micrococcus luteus – 272.6 Psychrobacter immobilis – 235.4

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317.687-8700
fax - 317.687-8729

CEM PROJECT #: 02-1028
CLIENT PROJECT ID: Indiana State Museum
IAQ/Lead Sampling

Lead in Paint
Sample Data Sheet

Sample Number	Date Collected	Location/Description	Sampling Area (length x width)	Analytical Results (% by weight)	Comments
001	3/4/02	Front entrance wall	1" X 1"	<0.012	
002	3/4/02	Spring exhibit rock ground	1" X 1"	<0.020	
003	3/4/02	Wetland habitat rock ground	1" X 1"	<0.005	

Mold/Fungal

Cladosporium sp. – Considered a nonpathogenic fungus, however, it should be noted that this mold is an opportunistic fungi that can be pathogenic in individuals with impaired immunological defenses, where infection is secondary to a primary disease or condition. Cladosporium sp. are causative agents of skin lesions, keratitis, onychomycsinusitis and pulmonary infections.

Penicillium sp. – Commonly considered a contaminant and a rare agent of infection, but has been known to cause keratitis (inflammation of the cornea), external ear, respiratory, and urinary tract infections.

Yeast sp. –A naturally occurring mold found everywhere in the environment and also lives as normal inhabitants in our bodies. Yeast sp. is considered non-toxic/non-pathogenic in humans unless they have a specific allergy to yeast.

Aspergillus sp.– Members of the Aspergillus genus cause a group of diseases known as aspergillosis. The form of the disease may be an invasive infection, colonization, toxicoses, or allergy. These species are opportunistic invaders, infecting various sites in individuals that are immunocompromised, have a debilitating disease, or are under a prolonged treatment with immunosuppressive drugs or antimicrobial agents. Although disease causing, Aspergillus are widespread in the environment.

Immature /Unidentified –Spores that could not be identified due to the inability to see the spore or because the spore was immature.

Chaetomium – A fungus found in soil, air and plant debris. Chaetomium is commonly found on deteriorating wood products. Some species may contribute a musty odor to the indoor environment. As well as being a contaminant, Chaetomium are also encountered as causative agents of infections in humans. Chaetomium are among the fungi causing infections wholly referred to as phaeohyphomycosis. Brain abscess, peritonitis, cutaneous lesions, and onychomycosis may also develop due to Chaetomium.

Bacteria

Micrococcus sp. – Found on humans, animals and throughout nature. It is rarely pathogenic to humans, but has been found to cause: intracranial abscesses, pneumonia, septic arthritis, meningitis, prosthetic valve endocarditis, pitted keratolysis, and opportunistic pathogens in immunocompromised patients.

Bacillus sp. – Found in the soil, water, air, vegetation, and insects. It has been known to cause food poisoning and anthrax and also cause meningitis, necrotizing pneumonia, wound infections, and acute gastroenteritis all mostly in immunocompromised humans.

Eikenella *sp* – A genus of Gram-negative bacteria that occur in the human oral cavity and upper respiratory tract as nonmotile, rod-shaped cells or filaments. It is the most frequently isolated bacterium from human bite wounds. Eikenella is often associated with periodontal disease, particularly cases in which alveolar bone loss is severe.

Microbacterium – A genus of Gram-positive, aerobic bacteria that occur as heat-resistant, rod-shaped cells and are frequently found in dairy products.

Psychrobacter – A Gram-negative bacteria that is associated with infection in humans. Infections include meningitis, bacteraemia, and eye infection.

Xanthomonas – A Gram-negative bacteria that is associated with infection in humans (bacteraemia).

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-052
Date: 03/06/02 10:53
Work ID: IMCPL/ISM 2318.00-2002
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

Reference Document: EPA 600/M4-82-020. NVLAP Code 102029
NVLAP product or service endorsement is to be no way implied.
Deviations or exclusions from the method are noted. Visual estimations are subject to a relative degree of uncertainty.

SAMPLE IDENTIFICATION

Sample Number	Sample Description
01	AP1-3202-3a Plaster White
02	AP2-3202-3a Plaster Tan
03	AP3-3202-3a Plaster Brown

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 03

M. Dunlap
Certified By
Lab Manager

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

CERTIFICATE OF ANALYSIS

CLIENT: Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250
ATTEN: Blake Wilson
DATE OF REPORT: 03/06/02
DATE OF SAMPLE: 03/02/02
DATE RECEIVED: 03/04/02
DATE OF ANALYSIS: 03/05/02
ANALYST: DG
MATRIX: BULK
LAB NUMBER: 02-03-052
SAMPLE DESCRIPTION: IMCPL/ISM 2318.00-2002

ANALYTICAL METHOD: Polarized Light Microscopy with Dispersion Staining
Reference Document: EPA 600/M4-82-020.
NVLAP Lab Code: 102029 (NVLAP product or service endorsement is to be in no way implied.)

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS
01 A	AP1-3202-3a Plaster White	----	2%	98%	----
01 B	AP1-3202-3b Plaster White	----	3%	97%	Trace F
01 C	AP1-3202-3c Plaster White	----	Trace	100%	----
02 A	AP2-3202-3a Plaster Tan	----	Trace	100%	----
02 B	AP2-3202-3b Plaster Tan	----	Trace	100%	----
02 C	AP2-3202-3c Plaster Tan	----	Trace	99%	1% F
03 A	AP3-3202-3a Plaster Brown	----	Trace	100%	----
03 B	AP3-3202-3b Plaster Brown	----	Trace	100%	----
03 C	AP3-3202-3c Plaster Brown	----	----	100%	----

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS

Fraction Comments

01A: Non Homogenous, 3 Components, Sample dried prior to analysis
01B: Non Homogenous, 2 Components, Samples dried prior to analysi
01C: Homogenous, Sample dried prior to analysis
02A: Non Homogenous, 2 Components, Sample dried prior to analysis
02B: Non Homogenous, 2 Components, Sample dried prior to analysis
02C: Non Homogenous, 2 Components, Sample dried prior to analysis
03A: Homogenous, Sample dried prior to analysis
03B: Non Homogenous, 2 Components, sample dried prior to analysis
03C: Homogenous, Sample dried prior to analysis

Component Legend

F - FMNA

ESG grants permission to reproduce this report in full.

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

023052

SAMPLING FORM

JOB NAME: IMCPL / ISMA

JOB #: 2318.00-2002

DATE: 3-2-02

LOCATION: INDIANAPOLIS

TYPE OF SAMPLES: GRAB / BULK

SAMPLER: DBW

SAMPLES OBTAINED

	Sample #	Lab #	Type	Location	Test Required	Test Results
1	AP1-3202-3a		PLASTER	SOUTH SIDE MIDDLE COAT	PLM / DS	
2	AP1-3202-3b					
3	AP1-3202-3c					
4	AP2-3202-3a			NORTH SIDE TOP COAT		
5	AP2-3202-3b					
6	AP2-3202-3c					
7	AP3-3202-3a			SOUTH SIDE TOP COAT		
8	AP3-3202-3b					
9	AP3-3202-3c					
10						

Received		Time/ Date	Relinquist	Time/ Date 3/4/02	8:00 AM ~~3/4/02~~
Received		Time/ Date 3/4/02 8:00 AM	Relinquist	Time/ Date	
Received		Time/ Date	Relinquist	Time/ Date	
Received		Time/ Date	Relinquist	Time/ Date	

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-051
Date: 03/06/02 10:53
Work ID: IMCPL/ISM 2318.00-2002
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

Reference Document: EPA 600/M4-82-020. NVLAP Code 102029
NVLAP product or service endorsement is to be no way implied.
Deviations or exclusions from the method are noted. Visual estimations are subject to a relative degree of uncertainty.

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	ACP1-3202-3a Plaster Tan	02	ACP2-3202-3a Plaster Tan

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 02

M. Dunlap
Certified By
Lab Manager

CERTIFICATE OF ANALYSIS

CLIENT: Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250
ATTEN: Blake Wilson
DATE OF REPORT: 03/06/02
DATE OF SAMPLE: 03/02/02
DATE RECEIVED: 03/04/02
DATE OF ANALYSIS: 03/05/02
ANALYST: DG
MATRIX: BULK
LAB NUMBER: 02-03-051
SAMPLE DESCRIPTION: IMCPL/ISM 2318.00-2002

ANALYTICAL METHOD: Polarized Light Microscopy with Dispersion Staining
Reference Document: EPA 600/M4-82-020.
NVLAP Lab Code: 102029 (NVLAP product or service endorsement is to be in no way implied.)

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS
01 A	ACP1-3202-3a Plaster Tan	----	Trace	100%	Trace G
01 B	ACP1-3202-3b Plaster Tan	----	Trace	100%	----
01 C	ACP1-3202-3c Plaster Tan	----	Trace	100%	----
02 A	ACP2-3202-3a Plaster Tan	----	Trace	100%	----
02 B	ACP2-3202-3b Plaster Tan	----	Trace	100%	----
02 C	ACP2-3202-3c Plaster Tan	----	Trace	100%	----

Fraction Comments

01A: Homogenous, Sample dried prior to analysis
01B: Homogenous, Sample dried prior to analysis
01C: Homogenous, Sample dried prior to analysis
02A: Homogenous, Sample dried prior to analysis
02B: Homogenous, Sample dried prior to analysis
02C: Homogenous, Sample dried prior to analysis

Component Legend

G - Glass

ESG grants permission to reproduce this report in full.

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

0203051

SAMPLING FORM

JOB NAME: IMCPL / ISM

JOB #: 2318.00 – 2002

DATE: 3-2-02

LOCATION: INDIANAPOLIS

TYPE OF SAMPLES: GRAB / BULK

SAMPLER: DBW

SAMPLES OBTAINED

	Sample #	Lab #	Type	Location	Test Required	Test Results
1	ACP1-3202-3a		PLASTER	NORTH SIDE CONCRETE BASE BEHIND EXHIBIT	PLM / PLS	
2	ACP1-3202-3b		↓	↓	↓	
3	ACP1-3202-3c		↓	↓	↓	
4	ACP2-3202-3a		↓	SOUTH SIDE CONCRETE BASE BEHIND EXHIBIT	↓	
5	ACP2-3202-3b		↓	↓	↓	
6	ACP2-3202-3c		↓	↓	↓	
7						
8						
9						
10						

Received	Time/Date	Relinquist	Time/Date 3/4/02 8:00 AM 3/4/02
Received	Time/Date 3/4/02 8:00	Relinquist	Time/Date
Received	Time/Date	Relinquist	Time/Date
Received	Time/Date	Relinquist	Time/Date

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-048
Date: 03/06/02 09:21
Work ID: 2318.00-2002 ISM/IMCPL
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

ESG Certification #C-49-07

SAMPLE IDENTIFICATION

Sample Number	Sample Description
01	DW1-3202-2
02	DW2-3202-2
03	DW3-3202-2

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 02

Certified By
Lab Manager

TEST RESULTS BY SAMPLE

Sample: 01AR DW1-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.399	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

Sample: 02AR DW2-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.156	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

Sample: 03AR DW3-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.507	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

ESG Laboratories
5933 West 71st Street • Indianapolis, In 46278
Phone (317) 290-1471 • Fax (317)290-1670

CHAIN OF CUSTODY RECORD

Shrewsberry & ASSOC.

Client Name: S+A
ESG Work Order #: 0203044
Project No: 23180-2002
Project Name: ISM / IMCPL
Sampler's Signature: [signature]

Filtered (Y or N): N N
Preserv. Code: A A

Preservation Codes: A = Acid, B = Base, C = Cool 4°

Stat.No	DATE	TIME	COMP	GRAB	STATION LOCATION ID	Total Number of Containers	Analyses: LEAD	Analyses: COPPER	Comments
1	3/2/02	8:15pm		✓	DW1-3202-2	2	✓	✓	
2	3/2/02	8:30pm		✓	DW2-3202-2	2	✓	✓	
3	3/2/02	8:35pm		✓	DW3-3202-2	2	✓	✓	

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/4/02 8:00pm	[signature]	3/4/02 8:00A
Relinquished By:	Date/Time	Received By:	Date/Time
Relinquished By:	Date/Time	Received By:	Date/Time

Additional Information:

Turn Around Time: Normal ☒ Rush ☐ Report Due: _____

Are samples suspected to be: Flammable ☐ Corrosive ☐ Toxic ☐

Were samples received intact and properly preserved? Yes ☐ No ☐

Temp. Blank _____°C

king\newcoc\als

ICL 144

ASBESTOS ABATEMENT CLOSURE REPORT

OLD CITY HALL

INDIANAPOLIS-MARION COUNTY PUBLIC LIBRARY

200 NORTH ALABAMA STREET

INDIANAPOLIS, INDIANA MARION COUNTY

Prepared
for

Mr. Michael Coglan
IMCPL

October 17, 2002

Shrewsberry & Associates

7168 Graham Road, Suite 100
Indianapolis, IN 46250
Phone: (317)841-4799
FAX: (317)841-4798
www.shrewsusa.com

2318.02-2002

RECEIVED
OCT 30 2002
IMCPL

Shrewsberry & Associates

7168 Graham Road
Suite 100
Indianapolis, IN 46250
317.841.4799
FAX: 317.841.4798

October 17, 2002

Mr. Michael Coglan
Indianapolis-Marion County Public Library
2450 N. Meridian
P. O. Box 211
Indianapolis, Indiana 46206-0211

ASBESTOS ABATEMENT FINAL REPORT – OLD CITY HALL
200 NORTH ALABAMA STREET, INDIANAPOLIS, INDIANA

Dear Mr. Coglan:

In accordance with your request we have abated the asbestos containing pipe insulation and loose floor tile from the Old City Hall located at 200 North Alabama Street, Indianapolis, Indiana..

The enclosed abatement contractor's report details the work performed and has provided a certificate of completion. A total of 20 Ln. ft. of pipe insulation and 500 sq. ft. of floor tile were abated from the site.

Should you have any questions or comments, please do not hesitate to give me a call.

Sincerely,

SHREWSBERRY & ASSOCIATES

D. Blake Wilson, CPG
Director, Environmental Services
IDEM Asbestos License #191706101

DBW/bar

Enclosures

Star Environmental, Inc.
Final Report

To:

Shrewsberry and Associates
7168 Graham Road, Suite 100
Indianapolis, IN 46250

Project:

Indianapolis Marion County Library

7007 Coffman Road, Indianapolis, IN 46268 • (317) 295-STAR • Fax (317) 280-9451

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazbec DATE: 10/9/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at Shop. Todd giving me details on job
	loading some supplies
8:30	at Site, Blake showing me the job
9:00	sending Sam back to Shop for more supplies
	begin framing containment
10:00	Sam returns with supplies
	setting up scaffold to build off of
11:30	lunch wood containment built need to prep inside
12:00	begin putting poly on walls and floor.
	masking off window before applying peel-away
2:00	Prep work done
2:15	begin applying peel-away on window
3:00	Peel-away applied to window begin cleaning up
3:15	leaving site
3:45	at Shop truck unloaded

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazell DATE: 10/10/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at shop getting additional supplies
7:45	at site, Peel away has not set long enough on the windows wrapping boxes on the exterior of building
10:30	Peel-away applied to boxes
10:45	taking lunch before starting removal of Peel-away on window
11:30	suited up begin pulling paper off window frame Paint not sticking to paper
	the Peel-away has made the paint soft will come off with light scraping
2:30	window frame clean few spots of primer still remaining. cleaning up
3:00	leaving site
3:30	at shop, unloading truck
3:45	leaving shop

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazel DATE: 10/11/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at shop, getting additional rags and green pads
7:30	at site getting suited up
7:45	begin ~~to~~ cleaning peel-away off boards
9:30	3/4 of peel away off of boards begin using green pads to scrub off the primer
11:00	lunch, boards are clean with the exception of primer residue remaining
11:30	begin cleaning limestone on building finish cleaning everything
12:15	CEM left with a sample of primer to see if it has lead in it
	do not know weather to tear down containment or not
1:00	done with lead removal begin tearing down containment
2:00	leaving site ~~begin~~ going to shop
2:30	begin unloading truck
3:30	truck unloaded leaving shop

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

APPENDIX E

Laboratory Certificate of Analysis

ACM ENGINEERING & ENVIRONMENTAL SERVICES WWW.ACMENV.COM
26598 U.S. 20 WEST, SOUTH BEND, IN 46628 P: (574)234-8435 F: (574)234-6800

ANALYSIS OF SUSPECT ASBESTOS CONTAINING BUILDING MATERIALS

METHOD:

All analyses and quantifications are performed in accordance with the U.S. Environmental Protection Agency's "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93/116 & EPA/600/M4-82/020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples." ACM Engineering & Environmental Services is accredited by the National Voluntary Accreditation Program (NVLAP) for the scope of accreditation under NVLAP code 101977-0. These methods utilize stereoscopical examination of bulk samples, as well as utilizing the polarized light microscope (PLM). To determine the refractive index, the central stop dispersion staining method is used, as well as matching with refractive index oil and using light matching the sodium D line wavelength. Identification of non-asbestos species is less rigorous, as they are of secondary interest.

Gross samples are examined under a 10X or 20X stereoscope where homogeneity (need for sub-samples), texture and /or any other distinguishing characteristics are determined. Sub-samples are prepared if needed. Any fibrous material is mounted in high dispersion oil for further microscope examination utilizing PLM. Any possible asbestos fibers are analyzed for morphology, color and pleochroism, index of refraction parallel and perpendicular to elongation, birefringence, extinction characteristic and sign of elongation, and any other distinguishing characteristics observed.

The percentage of asbestos and other fibrous materials are then determined according to sample area coverage and thickness. The limit of qualification is one percent (1%). The above is recorded on the laboratory analysis sheet and maintained for three years. The error involved for reported percentages of fibrous is 100% error for 1% to 5%, 50% error for 5% to 20%, and 25% error for 20% to 100%. All percentages will be reported in a range indicating error or a single value, in which case the above error should be applied. When the value 1% or greater is reported this indicates asbestos is present in the sample.

THE REPORT:

The attached report quantifies the fibrous materials found in each sample submitted for analysis. A complete fibrous analysis of samples is given for each sample followed by a breakdown analysis of any sub-samples for heterogeneous material.

- ***The first column*** is the client sample number identification.
- ***The second column*** is the laboratory sample number. The laboratory number for the overall sample analysis is a digit number. The laboratory number followed by a letter designation (A,B,C. etc.) indicates a sub-sample analysis.
- ***The third column*** is the sample identification, which indicates whether the sample is homogeneous or heterogeneous, the color of the sample, and the physical description (cementitious, fibrous, cloth, etc.)
- ***The fourth column*** indicates the types and percentages of asbestos identified if any.
- ***The fifth column*** indicates the types and percentages of cellulose (CELL) non-asbestos identified.
- ***The sixth column*** indicates the types and percentages of non-fibrous, non-asbestos material (NON -FIB NON-ACBM) identified.
- ***The seventh column*** indicates the types and percentages of fibrous non-asbestos material (FIB NON ACBM) in the sample or sub-sample.

SAMPLE RETENTION:

Samples will be retained for 6 months unless otherwise instructed. After this period, the sample(s) will be disposed of appropriately. Upon written request, the samples will be returned by mail or delivery for a nominal fee to cover postage and handling. There would be no charge for samples picked-up at ACM Engineering & Environmental Services.

DISCUSSION AND RECOMMENDATIONS:

In order to reduce the risk of introducing asbestos fibers into the air, care should be taken not to disturb the asbestos containing building materials. If renovation, demolition or other activities might disturb known asbestos containing building materials, a reputable asbestos consultant should be contacted to help effectively design and implement an asbestos management program.

COMPONENTS DESCRIPTION:

ASBESTOS MATERIALS		NON-ASBESTOS MATERIALS			
A	= Amosite	CF	= Ceramic Fibers	N	= Nylon
AC	= Actinolite	CO	= Cotton	O	= Other
AN	= Anthophylite	G	= Fibrous Glass	S	= Synthetics
C	= Chrysotile	H	= Hair	V	= Vermiculite
CR	= Crocidolite	M	= Mineral Wool		
T	= Tremolite				
----	= No Asbestos Detected				

NOTE: ACM Engineering & Environmental Services does not deviate from the test method described in this report. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items above. This report must not be reproduced, except in full, without the written consent of ACM Engineering & Environmental Services.

ACM ENGINEERING & ENVIRONMENTAL SERVICES WWW.ACMENV.COM
26598 U.S. 20 WEST, SOUTH BEND, IN 46628 P: (574)234-8435 F: (574)234-6800

CLIENT: Heartland Environmental Associates
3410 Mishawaka Avenue
South Bend, IN 46615

LOCATION: Old City Hall
North Alabama Street, Indianapolis, IN

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020
NVLAP LAB ID #: 101977-0
MATRIX: Bulk
Sample Date: 12/1/15
Analysis Date: 12/3/15
ACM PROJECT #: 24752

CLIENT SAMPLE#	LAB SAMPLE#	SAMPLE IDENTIFICATION	ASBEST	CELL	NON BIO NON ACBM	BIO NON ACBM
CT-1A	1516031	CEILING TILE	----	49%	----	51% G
CT-1B	1516032	CEILING TILE	----	49%	----	51% G
CT-1C	1516033	CEILING TILE	----	49%	----	51% G
CT-1D	1516034	CEILING TILE	----	49%	----	51% G
CT-1E	1516035	CEILING TILE	----	49%	----	51% G
CT-1F	1516036	CEILING TILE	----	49%	----	51% G
CT-1G	1516037	CEILING TILE	----	49%	----	51% G
DW-1A	1516038	DRYWALL	----	8%	92%	----
DW-1B	1516039	DRYWALL	----	8%	92%	----
DW-1C	1516040	DRYWALL	----	8%	92%	----
DW-1D	1516041	DRYWALL	----	8%	92%	----
DW-1E	1516042	DRYWALL	----	8%	92%	----
DW-1F	1516043	DRYWALL	----	8%	92%	----
DW-1G	1516044	DRYWALL	----	8%	92%	----
FT-1A	1516045	FLOOR TILE	----	----	100%	----
FT-1A	1516045A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-1B	1516046	FLOOR TILE	----	----	100%	----
FT-1B	1516046A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-1C	1516047	FLOOR TILE	----	----	100%	----
FT-1C	1516047A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-1D	1516048	FLOOR TILE	----	----	100%	----
FT-1D	1516048A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-1E	1516049	FLOOR TILE	----	----	100%	----
FT-1E	1516049A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-1F	1516050	FLOOR TILE	----	----	100%	----
FT-1F	1516050A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist: Tammy Mallard Title: LAB DIRECTOR Date: 12/7/15

Revision 2 2/10/14

ACM ENGINEERING & ENVIRONMENTAL SERVICES WWW.ACMENV.COM
26598 U.S. 20 WEST, SOUTH BEND, IN 46628 P: (574)234-8435 F: (574)234-6800

CLIENT: Heartland Environmental Associates
3410 Mishawaka Avenue
South Bend, IN 46615

LOCATION: Old City Hall
North Alabama Street, Indianapolis, IN

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020
NVLAP LAB ID #: 101977-0
MATRIX: Bulk
Sample Date: 12/1/15
Analysis Date: 12/3/15
ACM PROJECT #: 24752

CLIENT SAMPLE #	LAB SAMPLE #	SAMPLE IDENTIFICATION	ASBEST	CELL	NONFIB NON ACBM	FIB NON ACBM
FT-1G	1516051	FLOOR TILE	----	----	100%	----
FT-1G	1516051A	DARK BROWN/BLACK FLOOR TILE MASTIC	----	5%	95%	----
FT-2A	1516052	FLOOR TILE	----	----	100%	----
FT-2A	1516052A	YELLOW/BROWN FLOOR TILE MASTIC	----	----	100%	----
FT-2B	1516053	FLOOR TILE	----	----	100%	----
FT-2B	1516053A	YELLOW/BROWN FLOOR TILE MASTIC	----	----	100%	----
FT-2C	1516054	FLOOR TILE	----	----	100%	----
FT-2C	1516054A	YELLOW/BROWN FLOOR TILE MASTIC	----	----	100%	----
FT-3A	1516055	FLOOR TILE	----	----	100%	----
FT-3A	1516055A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
FT-3B	1516056	FLOOR TILE	----	----	100%	----
FT-3B	1516056A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
FT-3C	1516057	FLOOR TILE	----	----	100%	----
FT-3C	1516057A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
FT-4A	1516058	FLOOR TILE	3% C	----	97%	----
FT-4A	1516058A	BLACK FLOOR TILE MASTIC	3% C	----	97%	----
FT-4B	1516059	POSITIVE PER SAMPLE FT-4A – 1516058	----	----	----	----
FT-4B	1516059A	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4C	1516060	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4C	1516060A	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4D	1516061	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4D	1516061A	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4E	1516062	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-4E	1516062A	POSITIVE PER SAMPLE FT-4A-1516058	----	----	----	----
FT-5A	1516063	FLOOR TILE	----	----	100%	----
FT-5A	1516063A	YELLOW/BROWN FLOOR TILE MASTIC	----	----	100%	----

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist: Larry Malard Title: LAB DIRECTOR Date: 12/7/15

Revision 2 2/10/14

ACM ENGINEERING & ENVIRONMENTAL SERVICES WWW.ACMENV.COM
26598 U.S. 20 WEST, SOUTH BEND, IN 46628 P: (574)234-8435 F: (574)234-6800

CLIENT: Heartland Environmental Associates
3410 Mishawaka Avenue
South Bend, IN 46615

LOCATION: Old City Hall
North Alabama Street, Indianapolis, IN

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020
NVLAP LAB ID #: 101977-0
MATRIX: Bulk
Sample Date: 12/1/15
Analysis Date: 12/3/15
ACM PROJECT #: 24752

CLIENT SAMPLE #	LAB SAMPLE #	SAMPLE IDENTIFICATION	ASBEST	CELL	NON FIB NON ACBM	FIB NON ACBM
FT-6A	1516064	FLOOR TILE	----	66%	34%	----
FT-6A	1516064A	YELLOW/BROWN MASTIC	----	----	100%	----
FT-6B	1516065	FLOOR TILE	----	66%	34%	----
FT-6B	1516065A	YELLOW/BROWN MASTIC	----	----	100%	----
FT-6C	1516066	FLOOR TILE	----	66%	34%	----
FT-6C	1516066A	YELLOW/BROWN MASTIC	----	----	100%	----
FT-7A	1516067	FLOOR TILE	----	----	100%	----
FT-7A	1516067A	YELLOW/ORANGE FLOOR TILE MASTIC	----	----	100%	----
FT-7B	1516068	FLOOR TILE	----	----	100%	----
FT-7B	1516068A	YELLOW/ORANGE FLOOR TILE MASTIC	----	----	100%	----
FT-7C	1516069	FLOOR TILE	----	----	100%	----
FT-7C	1516069A	YELLOW/ORANGE FLOOR TILE MASTIC	----	----	100%	----
FT-7D	1516070	FLOOR TILE	----	----	100%	----
FT-7D	1516070A	YELLOW/ORANGE FLOOR TILE MASTIC	----	----	100%	----
FT-7E	1516071	FLOOR TILE	----	----	100%	----
FT-7E	1516071A	YELLOW/ORANGE FLOOR TILE MASTIC	----	----	100%	----
FT-8A	1516072	SELF ADHESIVE FLOOR TILE	----	----	100%	----
FT-8B	1516073	SELF ADHESIVE FLOOR TILE	----	----	100%	----
FT-8C	1516074	SELF ADHESIVE FLOOR TILE	----	----	100%	----
FT-9A	1516075	FLOOR TILE	----	----	100%	----
FT-9A	1516075A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
FT-9B	1516076	FLOOR TILE	----	----	100%	----
FT-9B	1516076A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
FT-9C	1516077	FLOOR TILE	----	----	100%	----
FT-9C	1516077A	YELLOW FLOOR TILE MASTIC	----	----	100%	----
PC-1A	1516078	PIPE COVERING	----	94%	6%	----

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist: Tony Malall Title: LAB DIRECTOR Date: 12/7/15

Revision 2 2/10/14

ACM ENGINEERING & ENVIRONMENTAL SERVICES WWW.ACMENV.COM
26598 U.S. 20 WEST, SOUTH BEND, IN 46628 P: (574)234-8435 F: (574)234-6800

CLIENT: Heartland Environmental Associates
3410 Mishawaka Avenue
South Bend, IN 46615

LOCATION: Old City Hall
North Alabama Street, Indianapolis, IN

ANALYSIS METHODS: EPA/600/R-93-116 & EPA/600/M4-82-020
NVLAP LAB ID #: 101977-0
MATRIX: Bulk
Sample Date: 12/1/15
Analysis Date: 12/3/15
ACM PROJECT #: 24752

CLIENT SAMPLE #	LAB SAMPLE #	SAMPLE IDENTIFICATION	ASBEST	CELL	NON FIB NON ACBM	FIB NON ACBM
PC-2A	1516079	PIPE COVERING	----	----	13%	87% CO
PC-2B	1516080	PIPE COVERING	----	----	13%	87% CO
PC-2C	1516081	PIPE COVERING	----	----	13%	87% CO
PL-1A	1516082	CEILING PLASTER	----	----	100%	----
PL-1B	1516083	CEILING PLASTER	----	----	100%	----
PL-1C	1516084	CEILING PLASTER	----	----	100%	----
PL-1D	1516085	CEILING PLASTER	----	----	100%	----
PL-1E	1516086	CEILING PLASTER	----	----	100%	----
PL-1F	1516087	CEILING PLASTER	----	----	100%	----
PL-1G	1516088	CEILING PLASTER	----	----	100%	----
PL-2A	1516089	INTERIOR PLASTER	----	----	100%	----
PL-2B	1516090	INTERIOR PLASTER	----	----	100%	----
PL-2C	1516091	INTERIOR PLASTER	----	----	100%	----
PL-2D	1516092	INTERIOR PLASTER	----	----	100%	----
PL-2E	1516093	INTERIOR PLASTER	----	----	100%	----
PL-2F	1516094	INTERIOR PLASTER	----	----	100%	----
PL-2G	1516095	INTERIOR PLASTER	----	----	100%	----
PL-3A	1516096	EXTERIOR PLASTER	----	----	100%	----
PL-3B	1516097	EXTERIOR PLASTER	----	----	100%	----
PL-3C	1516098	EXTERIOR PLASTER	----	----	100%	----
PL-3D	1516099	EXTERIOR PLASTER	----	----	100%	----
PL-3E	1516100	EXTERIOR PLASTER	----	----	100%	----
PL-3F	1516101	EXTERIOR PLASTER	----	----	100%	----
PL-3G	1516102	EXTERIOR PLASTER	----	----	100%	----
ROOF-1A	1516103	ROOF FLASHING MATL	14% C	65%	21%	----
ROOF-1B	1516104	POSITVE PER SAMPLE ROOF-1A-1516103	----	----	----	----
ROOF-1C	1516105	POSITIVE PER SAMPLE ROOF-1A-1516103	----	----	----	----

ACM RECOMMENDS POINT COUNTING ANALYSIS ON ALL BULK SAMPLES WITH LESS THAN 10% (<10%) ASBESTOS CONTENT.

Microscopist: Gary Malave Title: LAB DIRECTOR Date: 12/7/15

Revision 2 2/10/14

Page 1/2

ACM Engineering & Environmental Services, Inc.

26598 US 20 West • South Bend, Indiana 46628 • Phone: (574) 234-8435 • Fax (574) 234-6800 • www.acmenv.com

Chain-of-Custody / Analysis Request Form

ACM PROJECT NUMBER: 24752

CLIENT / CONTACT/ SITE INFORMATION

Contact: Nivas Vijay
Phone: 574-289-1191
E-Mail: nvijay@heartlandcav.com
Reference Number: 5102-15-01
Sampled By: NV / RO
Date Sampled: 12/1/15

FOR LABORATORY USE ONLY:
☑ Samples received in proper condition for requested analysis.
LABORATORY PROJECT ID #:

Client/Company Name & Address:
Heartland
3410 Mishawaka Ave.
South Bend, IN 46615

☐ CHECK THE PROVIDED BOX IF THE CLIENT & SITE ADDRESS ARE THE SAME

Site Address:
Old City Hall
North Alabama Street, Indianapolis, IN

TURN AROUND TIME

☐ RUSH — Under 24 Hours Special Request
☐ 24 Hours
☑ 2 - 3 Days
☐ 4+ Days

NOTE: The turn around time is defined as the amount of time the laboratory is given to complete analysis from the moment of receipt in the laboratory.

COMMENTS

Stop Analyze at Positive

REQUESTED ANALYSIS

SAMPLE ID	SAMPLE DESCRIPTION/SERIAL NUMBER	SAMPLE LOCATION	AREA/VOLUME/MATERIAL	Asbestos Bulk (PLM)	Asbestos Point Count	Fungal Spore Trap Analysis (Air)	Fungal Direct Examination (Tape)	Colilag P/A E Coli Fecal Coliform Bacteria	Other: Please Specify Lead in Paint
CT-1 (A-G)	Ceiling Tile			X					
DW-1 (A-G)	Drywall			↓					
FT-1 (A-G)	Floor Tile + Mastic			↓					
FT-2 (A-C)	↓	↓		↓					
FT-3 (A-C)	↓	↓		↓					
FT-4 (A-E)	↓	↓		↓					
FT-5 (A)	↓	↓		↓					
FT-6 (A-C)	↓	↓		↓					
FT-7 (A-E)	↓	↓		↓					
FT-8 (A-C)	↓	↓		↓					
FT-9 (A-C)	↓	↓		↓					
PC-1 (A)	Pipe Covering			↓					
PC-2 (A-C)	↓	↓		↓					
PL-1 (A-G)	Ceiling Plaster			↓					
PL-2 (A-G)	Interior Plaster			↓					

Submitted/Relinquished By:	Date/Time:	Received/Accepted By:	Date/Time:	Samples Processed By:	Date/Time:
[signature]	12-02-15 / 13:55	[signature]	12/2/15	Tanya Malak	12/3/15

Rev 1 6/19/2013

ACM Engineering & Environmental Services, Inc.

26598 US 20 West • South Bend, Indiana 46628 • Phone: (574) 234-8435 • Fax (574) 234-6800 • www.acmenv.com

Chain-of-Custody / Analysis Request Form

ACM PROJECT NUMBER: 24752

CLIENT / CONTACT/ SITE INFORMATION

Contact: Nivas Vijay
Phone:
E-Mail:
Reference Number: 5102-15-01
Sampled By: NV/RO
Date Sampled: 12/1/15
FOR LABORATORY USE ONLY:
☐ Samples received in proper condition for requested analysis.
LABORATORY PROJECT ID #:

Client/Company Name & Address: Heartland

☐ CHECK THE PROVIDED BOX IF THE CLIENT & SITE ADDRESS ARE THE SAME

Site Address: Old City Hall
North Alabama Street in Indianapolis, IN

TURN AROUND TIME

☐ RUSH Under 24 Hours Special Request
☐ 24 Hours
☑ 2 - 3 Days
☐ 4+ Days

NOTE: The turn around time is defined as the amount of time the laboratory is given to complete analysis from the moment of receipt in the laboratory.

COMMENTS

Stop Analyze At Positive

REQUESTED ANALYSIS

SAMPLE ID	SAMPLE DESCRIPTION/SERIAL NUMBER	SAMPLE LOCATION	AREA/VOLUME/MATERIAL	Asbestos Bulk (PLM)	Asbestos Point Count	Fungal Spore Trap Analysis (Air)	Fungal Direct Examination (Tape)	Colitag P/A E. Coli Fecal Coliform Bacteria	Other: Please Specify Lead-in Paint
PL-3 (A-G)	Exterior Planter			X					
Roof-1 (A-C)	Roof Flashing Material			X					
LBP-1	White Paint								X
LBP-2	Light Blue Paint								X
LBP-3	Light Brown Paint								X
LBP-4	White Paint								X

Submitted/Relinquished By:	Date/Time:	Received/Accepted By:	Date/Time:	Samples Processed By:	Date/Time:
[signature]	12-02-15/13:55	[signature]	12/2/15	Tony Malone	12/3/15

Rev 1 6/19/2013

POINT COUNTING ANALYSIS OF SUSPECT ASBESTOS CONTAINING BUILDING MATERIALS

CLIENT: HEARTLAND ENVIRONMANTAL ASSOCIATES
3410 MISHAWAKA AVE.
SOUTH BEND, IN 46615

ANALYTICAL METHOD: EPA 40CFR61
PT. 763 SUBPART E, APPENDIX E
POLARIZED LIGHT MICROSCOPY - POINT COUNTING

CLIENT PROJECT: OLD CITY HALL
INDIANAPOLIS, INDIANA

NVLAP LAB CODE #: 101977

DATE OF ANALYSIS: 12/14/15

DATE OF SAMPLE: 12/01/15

ACM PROJECT #: 24752

SAMPLE SITE: OLD CITY HALL
INDIANAPOLIS, INDIANA

CLIENT SAMPLE NUMBER	LAB SAMPLE NUMBER	# OF SLIDES	ASBESTOS CONCENTRATION BY POINT COUNTING	AVERAGE CONCENTRATION OF ASBESTOS PERCENTAGE
FT-4A	1516058	8	1/400	<1% ASBESTOS DETECTED
FT-4A	1516058A	8	1/400	<1% ASBESTOS DETECTED

MICROSCOPIST: Gary Malan DATE: 12/14/15

Lead In Paint Sample Analysis

Analysis Date: **DECEMBER 7, 2015**

Client: **HEARTLAND ENVIRONMENTAL ASSOCIATES**
3410 MISHAWAKA AVENUE
SOUTH BEND, INDIANA 46615

Description: **LEAD IN PAINT**

Sample Location: **OLD CITY HALL**
NORTH ALABAMA STREET
INDIANAPOLIS, INDIANA

Sample Date: **DECEMBER 1, 2015**

CLIENT ID	LAB#	WEIGHT PERCENT (%)	PART PER MILLION (PPM)
LBP-1	2506103	0.0125	125
LBP-2	2506104	6.9568	69,568
LBP-3	2506105	5.5021	55,021
LBP-4	2506106	0.0531	531

ANALYSIS METHOD: **EPA SW-846 6010C/7420**

ANALYSIS PERFORMED BY: **ACCURATE ANALYTICAL AIHA #100986**

Lead base paint is defined as paint which has lead content greater than 5,000 parts per million (PPM) as specified by the US EPA.

ICL 144

ASBESTOS ABATEMENT CLOSURE REPORT

OLD CITY HALL

INDIANAPOLIS-MARION COUNTY PUBLIC LIBRARY

200 NORTH ALABAMA STREET

INDIANAPOLIS, INDIANA MARION COUNTY

Prepared
for

Mr. Michael Coglan
IMCPL

October 17, 2002

Shrewsberry & Associates

7168 Graham Road, Suite 100
Indianapolis, IN 46250
Phone: (317)841-4799
FAX: (317)841-4798
www.shrewsusa.com

2318.02-2002

RECEIVED
OCT 30 2002
IMCPL

Shrewsberry & Associates

7168 Graham Road
Suite 100
Indianapolis, IN 46250
317.841.4799
FAX: 317.841.4798

October 17, 2002

Mr. Michael Coglan
Indianapolis-Marion County Public Library
2450 N. Meridian
P. O. Box 211
Indianapolis, Indiana 46206-0211

ASBESTOS ABATEMENT FINAL REPORT – OLD CITY HALL
200 NORTH ALABAMA STREET, INDIANAPOLIS, INDIANA

Dear Mr. Coglan:

In accordance with your request we have abated the asbestos containing pipe insulation and loose floor tile from the Old City Hall located at 200 North Alabama Street, Indianapolis, Indiana..

The enclosed abatement contractor's report details the work performed and has provided a certificate of completion. A total of 20 Ln. ft. of pipe insulation and 500 sq. ft. of floor tile were abated from the site.

Should you have any questions or comments, please do not hesitate to give me a call.

Sincerely,

SHREWSBERRY & ASSOCIATES

D. Blake Wilson, CPG
Director, Environmental Services
IDEM Asbestos License #191706101

DBW/bar

Enclosures

Star Environmental, Inc.
Final Report

To:

Shrewsberry and Associates
7168 Graham Road, Suite 100
Indianapolis, IN 46250

Project:

Indianapolis Marion County Library

7007 Coffman Road, Indianapolis, IN 46268 • (317) 295-STAR • Fax (317) 280-9451

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazbec DATE: 10/9/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at Shop. Todd giving me details on job
	loading some supplies
8:30	at Site, Blake showing me the job
9:00	sending Sam back to Shop for more supplies
	begin framing containment
10:00	Sam returns with supplies
	setting up scaffold to build off of
11:30	lunch wood containment built need to prep inside
12:00	begin putting poly on walls and floor.
	masking off window before applying peel-away
2:00	Prep work done
2:15	begin applying peel-away on window
3:00	Peel-away applied to window begin cleaning up
3:15	leaving site
3:45	at Shop truck unloaded

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazell DATE: 10/10/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at shop getting additional supplies
7:45	at site, Peel away has not set long enough on the windows wrapping boxes on the exterior of building
10:30	Peel-away applied to boxes
10:45	taking lunch before starting removal of Peel-away on window
11:30	suited up begin pulling paper off window frame Paint not sticking to paper
	the Peel-away has made the paint soft will come off with light scraping
2:30	window frame clean few spots of primer still remaining. cleaning up
3:00	leaving site
3:30	at shop, unloading truck
3:45	leaving shop

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

DAILY PROJECT REPORT

PROJECT: Marion County Library SEI #: 02-224
SUPERVISOR: Chad Yazel DATE: 10/11/02

DETAIL OF WORK

TIME:	DESCRIPTION:
7:00	at shop, getting additional rags and green pads
7:30	at site getting suited up
7:45	begin ~~to~~ cleaning peel-away off boards
9:30	3/4 of peel away off of boards begin using green pads to scrub off the primer
11:00	lunch, boards are clean with the exception of primer residue remaining
11:30	begin cleaning limestone on building finish cleaning everything
12:15	CEM left with a sample of primer to see if it has lead in it
	do not know weather to tear down containment or not
1:00	done with lead removal begin tearing down containment
2:00	leaving site ~~begin~~ going to shop
2:30	begin unloading truck
3:30	truck unloaded leaving shop

STAR ENVIRONMENTAL, INC
2351 KENTUCKY AVE. PHONE: (317)247-1400
INDIANAPOLIS, IN 46221 FAX: (317)247-0440

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Parking Lot
222 North Alabama Street
Indianapolis, Marion County, Indiana

Prepared for:

Mr. Cameron Starnes
Assistant Administrator - Brownfield Redevelopment
Department of Metropolitan Development
Office of Mayor Greg Ballard – City of Indianapolis
200 E. Washington Street, Suite 2042
Indianapolis, IN 46204

Prepared by:

IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, IN 46214
(317) 347-1111

Project IN15010-01

February 18, 2015

TABLE OF CONTENTS

Page

TABLE OF CONTENTS i

APPENDICES ii

1.0 EXECUTIVE SUMMARY 1

1.1 Findings and Opinions 1

1.2 Conclusions 2

2.0 INTRODUCTION 4

2.1 Purpose 4

2.2 Scope of Services 5

2.3 Standard of Care and Reliance 6

2.4 Limitations and ASTM E1527-05 Exceptions of the Assessment 6

3.0 PROPERTY OVERVIEW 8

4.0 USER-PROVIDED INFORMATION 9

4.1 Environmental Liens or Activity and Use Limitations 9

4.2 Specialized Knowledge 9

4.3 Valuation Reduction for Environmental Issues 10

4.4 Commonly Known or Reasonably Ascertainable Information 10

4.5 Reason for Performing Phase I 10

4.6 Other Information 10

5.0 RECORDS REVIEW 11

5.1 Federal Database Review 11

5.1.1 Site Listings 11

5.1.2 Adjacent Property Listings 12

5.1.3 Site Area Listings 12

5.2 State Database Review 13

5.2.1 Site Listings 14

5.2.2 Adjacent Property Listings 14

5.2.3 Site Area Listings 14

6.0 PHYSICAL SETTING INFORMATION REVIEW 17

6.1 Topographic Map Information 17

6.2 Surface Water Characteristics 17

6.3 Soil and Bedrock Characteristics 17
6.4 Groundwater Characteristics 18

7.0 HISTORICAL INFORMATION REVIEW 19
7.1 Site Ownership 19
7.2 Aerial Photographs 19
7.3 City Directories 20
7.4 Historical Fire Insurance Maps 21

8.0 RECONNAISSANCE 23
8.1 General Site Setting 23
8.2 Reconnaissance: Descriptions of Adjoining Properties 24

9.0 INTERVIEWS 26
9.1 Interview with Owner, Site Manager and/or Occupants 26
9.2 Interview with Local Government Officials 26

10.0 TIER 1 VAPOR ENCROACHMENT SURVEY 27

11.0 DATA GAPS 28

12.0 ADDITIONAL SERVICES 29

13.0 DEVIATIONS 30

14.0 REFERENCES 31

15.0 PROFESSIONAL STATEMENT 32

APPENDICES

Appendix A Site Maps
Appendix B Site Photographs
Appendix C User Provided Information
Appendix D Regulatory Database Reports
Appendix E Historical Aerial Photographs
Appendix F Historical City Directory Listings
Appendix G Historical Fire Insurance Maps
Appendix H Records of Communication
Appendix I IWM Consulting Group Personnel Qualifications

1.0 EXECUTIVE SUMMARY

IWM Consulting Group, LLC (IWM Consulting) conducted this Phase I Environmental Site Assessment (ESA) of the parking lot property located at 222 North Alabama Street, Indianapolis, Marion County, Indiana, (herein referred to as the site) as authorized by the City of Indianapolis. The assessment was conducted in accordance with American Society for Testing and Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

The following is a brief summary of our report. Please refer to the full text of this report in its entirety for a comprehensive understanding of the information presented in this Executive Summary, as specifics are not fully discussed in this section.

1.1 Findings and Opinions

IWM Consulting's findings and opinions for the Phase I ESA conducted for the site are summarized as follows:

Current Site Conditions. The site consists of a paved vehicle parking lot that contains approximately 0.75 acres. A small attendant's booth is located at the center of the site, and two air conditioning compressor units associated with the building on the property adjacent to the south are located on the southwest corner of the site. No evidence of *hazardous substances* and/or *petroleum products* was observed on the site or on the properties adjacent to the site.

Historical Summary. Historical review indicates the site has been developed since the late 1800s. The first on-site development noted on readily available documents consisted of residences and an old church building that was occupied by a box factory. Subsequent site occupants included a laundry facility from at least 1914 through 1919, printing companies from 1929 through 1974, an auto service facility and gasoline station in 1939, an automobile facility in 1943, and a tire sales and service company from 1943 through 1964. Environmental concerns associated with these site occupants include the possible use of chemicals and solvents by the laundry and printing company, and the possible storage and/or use of petroleum products and solvents at the automobile sales and service facilities. Historical fire insurance maps show three gasoline storage tanks were located at the gasoline station on the north central portion of the site. No information is readily available regarding the status of the storage tanks. The site has been a vehicle parking lot since the late 1970s. The historical operations of these facilities on the site represent a *Recognized Environmental Condition* (*REC*) for the site.

Regulatory Review Summary. Review of regulatory agency databases required by ASTM E1527-13 showed that the site is registered as a State Brownfield Property. No documents or additional details concerning the listing of the site as a Brownfield were provided in the Indiana Department of Environmental Management's (IDEM's) Virtual File Cabinet (VFC).

Review of the regulatory agency databases for properties within distances as specified by ASTM E1527-13 revealed 39 listings for properties in the site area. Based on the distances of the properties from the site, the current status of the properties, and/or the location of the properties relative to the site, the listed properties are not *RECs* for the site at this time.

Interview Summary. Mr. Cameron Starnes with the City of Indianapolis Department of Metropolitan Development stated the site has been used as surface parking for the properties adjacent to the site. He is not aware of the storage and/or use of *hazardous substances* and/or *petroleum products* on the site. Mr. Starnes has no knowledge of any environmental cleanup activities or other environmental concerns on the site.

Personnel with the Marion County Health Department stated that no reports of environmental concerns have been filed with the Health Department.

The Indianapolis Fire Department was contacted for information regarding potential environmental concerns at the site, but a response from the Fire Department was not received by the date of this report.

Vapor Encroachment Screening (*VES*). A Tier I *VES* was conducted for the site using standard environmental record sources. Because of the historical usage of the site as a laundry facility, printing companies, a gasoline station, and automobile service facilities, a *Vapor Encroachment Condition* (*VEC*) cannot be ruled out at the site.

Significant Data Gaps. Individuals familiar with the operations of the gasoline station, the automobile service facilities, laundry facility, and printing companies were not identified or available for interviews. Because no information is readily available concerning the operations of these facilities, the lack of interviews with individuals familiar with the historical usage of the site is a significant data gap for the site.

1.2 Conclusions

IWM Consulting has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the parking lot property located at 222 North Alabama Street, Indianapolis, Indiana. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has identified the following *Recognized Environmental Conditions* in connection with the site property:

- Historical review indicates the site was occupied by a laundry facility, printing companies, an auto service facility and gasoline station, an automobile sales facility, and a tire sales and service company at various times from at least 1914 through 1974. Details concerning the operations of these facilities are not readily available. Three gasoline storage tanks for the gasoline station were shown on the north-central portion of the site on historical fire insurance maps, but no information is available concerning the status of the tanks. These types of facilities typically utilize *hazardous substances* and/or *petroleum products* in their operations. Further investigation is necessary to determine if

the storage tanks from the former gasoline station were removed from the site and to determine if soil and/or groundwater have been adversely impacted by releases of *hazardous substances* and/or *petroleum products* by past site occupants.

- The site is registered as a Brownfield Property with IDEM. Because no information is readily available regarding the listing of the site as a Brownfield, this listing is a *REC* for the site.

This summary is provided for the reader's convenience and is part of the complete report. Interpretation of this summary should be considered incomplete without reviewing the full Phase I ESA report and associated appendices. The reader is directed to the report text for additional information regarding areas and conditions of potential environmental concern.

2.0 INTRODUCTION

IWM Consulting conducted this Phase I Environmental Site Assessment (ESA) for the City of Indianapolis (Client) of the parking lot property located at 222 North Alabama Street, Indianapolis, Marion County, Indiana (the site). Our services were conducted in accordance with the American Society for Testing and Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (referred to as ASTM E1527-13).

2.1 Purpose

The purpose of this ESA was to determine the existence of "*Recognized Environmental Conditions*" (*RECs*) in connection with the site using an approach conforming to ASTM E1527-13. *RECs* are defined in ASTM E1527-13 as the "presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*."

The definition of a *release* under CERCLA includes a number of exclusions, but does include contamination that is the direct result of a *release* into the environment from a non-natural source that migrates into a building or structure. For the purposes of the ASTM E1527-13 practice, *migrate* and *migration* refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

A *REC* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (e.g., property restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*) is defined as a *controlled REC* (*CREC*). A *CREC* shall be identified as a *REC* in the conclusions section of this report; however, the identification of a condition as a *CREC* does not imply that the environmental professional conducting the Phase I ESA has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented. A *CREC* differs from a *historical REC* (*HREC*) in that a *HREC* refers to a past *release* of *hazardous substances* or *petroleum products* that has occurred in connection with the site and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the site to any required controls.

RECs include *hazardous substances* or *petroleum products* even under conditions in compliance with laws but do not include "*de minimis* conditions that generally do not present a material risk of harm to public health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." Conditions determined to be *de minimis* are not *RECs*.

2.2 Scope of Services

The Scope of Services included a review of historical records and regulatory database information, a reconnaissance of the site and adjoining properties, interviews (historical and with those currently familiar with the site, where available), and preparation of this report.

Records were reviewed given that they were "reasonably ascertainable." ASTM E1527-13 defines "reasonably ascertainable" as "information that is publicly available, obtainable from its source within reasonable time and cost restraints, and is practically reviewable." The document examination generally includes the following tasks (refer to the agreed-upon scope of work):

- At a minimum, review of historical aerial photographs, city directories, and fire insurance maps of the site and adjoining properties. If these are not available, the Report will include a statement regarding the lack of availability.
- Review of property title records if provided by the Client, unless otherwise agreed.
- Review of regulatory database provider report of Federal, state, and local listings for the site and other properties/facilities found within the search distances specified by ASTM E1527-13.

The reconnaissance included the following tasks:

- Visual observations of the site to identify indications of *RECs*, such as above ground storage tanks (ASTs) and underground storage tanks (USTs), stained soil or floor areas, vegetative stress, filled areas, waste or material dumping.
- Interviews with the current owner and/or key site manager or other person as designated by the owner regarding the site's current and past uses and information of environmental significance.
- Inquiries to appropriate local government offices (e.g., Fire Department or Health Department).
- Observations of adjoining properties (from site boundaries and public rights-of-way).

Photographic documentation and site diagrams are additional services that are not required by the ASTM E1527-13 Standard and are included at the discretion of the Environmental Professional.

Utilizing the information collected for the site during the Phase I ESA, a Tier 1 Vapor Encroachment Screening (VES) was conducted for the site according to guidance and processes provided in ASTM Designation E2600-10: *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (ASTM E2600-10). The objective of a VES is to determine if a *vapor encroachment condition* (*VEC*) exists, likely exists, or cannot be ruled out and provide information to support those conclusions. A *VEC* is defined by ASTM as the "presence or likely presence of *chemicals of concern* (*COC*) vapors in the subsurface of the *target property* caused by the release of vapors from contaminated soil or groundwater or both on or near the *target property* as identified by the Tier 1 or Tier 2 procedures" presented in ASTM E2600-10.

2.3 Standard of Care and Reliance

These Phase I ESA services were performed in a manner consistent with good commercial and customary standards and practices as applied by other consultants conducting similar investigations in the same geographic area during the same time period. No warranties, express or implied, are intended or made. Unless otherwise agreed, this ESA was prepared for the exclusive use and reliance of the **City of Indianapolis** and the **State of Indiana, Department of Natural Resources** for a period not exceeding 180 days from the date of each task performed, subject to the limitations expressed herein. Reliance on the contents of this report after 180 days is at the user's sole risk. Any use of this Phase I ESA or the information contained herein by persons or entities other than the Client (without the express written consent of the Client and IWM Consulting) will be at the sole risk and liability of such persons and entities.

2.4 Limitations and ASTM E1527-13 Exceptions of the Assessment

Findings, conclusions, and recommendations referenced herein are based upon, and limited to, those observations made during the listed reconnaissance date.

The site area included in this ESA was based upon available property lines, site surveys, property plat maps, verbal descriptions provided to IWM Consulting by the Client, and/or field observations (roadways, utilities, mow lines, etc.) observed by IWM Consulting's representative during the site reconnaissance. The information regarding the adjoining properties was obtained by visual reconnaissance from the subject site and/or public roads, and information obtained from record reviews and interviews with representatives of the site owner.

As indicated in the ASTM E1527-13 the "…practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations (AUL)." As indicated in IWM Consulting's proposal, liens and AUL information developed for the site by others and provided to IWM Consulting prior to the generation of this report would be incorporated into IWM Consulting's review. User information regarding liens and AULs is presented in Section 3.0 of this ESA.

Phase I ESAs are limited to specific inquiries and are based upon records, reviews, and opinions rather than invasive testing services. Therefore, IWM Consulting cannot eliminate uncertainty as to environmental conditions at the site. Nor can we represent that the site contains no hazardous, petroleum or other products or substances (or other latent conditions) beyond those identified or observed from this scope of work. Information in this report is based upon the site's current use(s) and information obtained prior to issuance of the final report. IWM Consulting does not warrant the accuracy of information obtained from interviewees or other third party sources of information (such as other environmental firms, database companies or title companies).

Environmental issues or conditions may exist at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM E1527-13 (non-scope considerations). Examples of non-scope considerations include, <u>but are not limited to</u>, asbestos

containing buildings materials, radon, wetlands, lead-based paint, lead in drinking water, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological issues, indoor air quality unrelated to *releases* of *hazardous substances* or *petroleum products* into the *environment*, biological agents, mold, and high voltage power lines. These non-scope issues or conditions can be assessed during the ESA at the request of the Client.

Please note that no Phase I ESA can wholly eliminate uncertainty regarding the potential for *RECs* in connection with the site. Referring to the procedures in ASTM E1527-13 will reduce, but not eliminate, these uncertainties. It is possible, therefore, that all *RECs* or relevant environmental issues may not have been identified. The failure to discover these, using a reasonable and mutually agreed upon scope of services, does not guarantee the absence of such *RECs* or issues, but only that they were not found as a result of this assessment. The services herein are in no way to be construed or relied upon as a legal interpretation, opinion or advice.

3.0 PROPERTY OVERVIEW

The site is located at 222 North Alabama Street, Indianapolis, Marion County, Indiana. Geographically, the site is located in the southwest ¼ of Section 1, Township 15 North, Range 3 East in Marion County as shown on the Indianapolis West, Indiana 7.5 minute USGS topographic quadrangle map. More specifically, the center of the site is located at approximately 39.7708º latitude and -86.153037º longitude. The property parcel number is 49-11-01-240-076.000-101.

The site consists of an asphalt paved vehicle parking containing approximately 0.75 acres. A small attendant's booth is located near the center of the site. Historical review indicates the site was occupied by residences and commercial facilities from at least the late 1800s until the mid-1970s. All site structures were removed by the late 1970s and the site has been used as a vehicle parking lot since that time.

The site is located in the Indianapolis, Indiana, central business district, approximately 0.3 mile northeast of Monument Circle in downtown Indianapolis. Properties in the immediate site vicinity are occupied by office buildings, residential apartment, and the Old Indianapolis City Hall (currently occupied by Plan 2020, a planning commission for the City of Indianapolis).

A topographic site location map and site area map are presented in **Appendix A**. Photographs of the site taken during the site reconnaissance are presented in **Appendix B**.

4.0 USER-PROVIDED INFORMATION

The U.S. EPA's All Appropriate Inquiry (AAI) rules places emphasis on "User" obligations. As specified in the ASTM E1527-13 standard, certain responsibilities lie with the "user" of the assessment, who is defined as the party seeking to use ASTM E1527 to complete an *environmental site assessment* of the site property and may include, without limitation, a potential purchaser, an owner of the property, a lender, a property manager, or a potential tenant of the property. The User has specific obligations for completing a successful application of the ASTM E1527-13 practice for performing certain tasks that will help identify the possibility of *RECs* in connection with the property that do not require the technical expertise of an *environmental professional*. The required tasks/information include; (1) a search for environmental cleanup liens filed or recorded against the site, (2) activity use limitations in place on the site, (3) specialized knowledge or experience related to the property or nearby property, (4) relationship of the purchase price being paid for the property to the fair market value, if not contaminated, (5) commonly known or reasonably ascertainable information about the property, and (6) any obvious indications pointing to the presence, or likely presence, of contamination at the property. Although the AAI Rules and ASTM E1527-13 do not require the *User* to share this information with the *environmental professional*, failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

IWM Consulting provided a user information questionnaire containing the aforementioned questions to the User of this report. Mr. Cameron Starnes, Assistant Administrator for the Indianapolis Brownfield Redevelopment Program, completed the User information questionnaire and returned it to IWM Consulting prior to the generation of this report. His responses are summarized in the following sections. A copy of the completed user questionnaire is presented in **Appendix C**.

4.1 Environmental Liens or Activity and Use Limitations

Mr. Starnes has no knowledge of environmental liens or Activity Use Limitations (AULs), such as engineering controls, land use restrictions, or institutional controls, that have been filed for, or recorded against, the site under federal, tribal, state or local law. He indicated that a search of land title records for environmental liens and AULs has not been conducted.

4.2 Specialized Knowledge

Mr. Starnes has no specialized knowledge or experience material to identifying *RECs* related to the site.

4.3 Valuation Reduction for Environmental Issues

Mr. Starnes stated he has no reason to believe the purchase price for the site has been reduced in comparison to fair market value due to contamination known, or believed to be, present on the site.

4.4 Commonly Known or Reasonably Ascertainable Information

Mr. Starnes stated the site has been used as surface parking for the properties adjacent to the site. He has no knowledge of the storage of *hazardous substances* or *petroleum products* on the site or of any releases or cleanups of *hazardous substances* or *petroleum products* on the site. He is not aware of any commonly known or reasonably ascertainable information that is indicative of releases or threatened releases of *hazardous substances* or *petroleum products* at the site. He has no knowledge of any obvious indicators that point to the presence or likely presence of contamination at the site.

4.5 Reason for Performing Phase I

Mr. Starnes stated the Phase I ESA is being conducted to satisfy one of the requirements to qualify for Landowner Liability Protections associated with the purchase of commercial property.

4.6 Other Information

Mr. Starnes has no knowledge of any previous environmental investigations or reports for the site.

5.0 RECORDS REVIEW

This section presents a summary of the results of an Environmental Risk Information Services (ERIS) regulatory database search for the site and properties within distances of the site as specified in ASTM E1527-13. A copy of the database report is provided in the **Appendix D**. Identification or confirmation of database listings shown as "unmappable or orphan sites" was out-of-scope. Local government inquiries are presented in *Section 8.2 – Interviews with Local Government Officials*. When referring to "up-gradient, cross or side-gradient and down-gradient," this usage refers only to the topographic gradient. Groundwater gradient and flow direction often mirror topography (actual groundwater gradient and flow direction cannot be confirmed without information obtained from on-site or nearby wells).

The names listed for the registered facilities and/or incidents in the following sections are those presented in the ERIS database report. Facilities registered in more than one database may have different facility names reported in the databases.

5.1 Federal Database Review

Federal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
Federal National Priorities List (NPL) Search Distance – 1 mile	N	0
Federal Delisted NPL Sites Search Distance – ½ mile	N	0
Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS) Search Distance – ½ mile	N	**1**
CERCLIS – No Further Remedial Action Planned (NFRAP) Search Distance – ½ mile	N	**1**
Resource Conservation & Recovery Act (RCRA) Generators Search Distance – Site and Adjoining properties	N	**2**
RCRA Corrective Action (CORRACTS) Search Distance – 1 mile	N	**1**
RCRA Treatment, Storage & Disposal (TSD) Search Distance – ½ mile	N	**1**
Emergency Response Notification System (ERNS) Search Distance – Site only	N	0
Federal Institutional Control/Engineering Control Registries Search Distance – Site only	N	0

Details provided for the listed facilities are summarized in the following sections.

5.1.1 Site Listings

The site was not listed on the reviewed Federal regulatory databases.

5.1.2 Adjacent Property Listings

RCRA Hazardous Waste Generators. The following facilities on properties adjacent to the site are registered as generators of hazardous wastes under RCRA.

- Tuchman Cleaners 15 located at 304 East New York Street, adjacent to the northeast and down-gradient from the site, is registered as a small quantity generator of hazardous wastes (EPA ID IND981953243). The current status of the facility indicates it is no longer generating hazardous wastes. This facility was formerly operated as a laundry dry cleaning facility that used chlorinated solvents in their operations. A spill of tetrachloroethylene (PCE) was reported at the site in 2006. Review of documents on the IDEM Virtual File Cabinet (VFC) show that subsurface investigations conducted at the facility indicated that PCE contamination in the groundwater did not extend beyond the Tuchman Cleaners building and soil contamination did not extend to the site boundary. Based on this information and the current status for the facility, it is not a *REC* for the site.

- The Indiana State Museum located at 202 North Alabama Street, adjacent to the south and down-gradient from the site, is registered as a small quantity generator of hazardous wastes (EPA ID INR000106575). The current status of this facility indicates it is no longer generating hazardous wastes. Wastes formerly generated consisted of ignitable waste, corrosive waste, and methyl ketone. No violations of RCRA regulations were reported for this facility and no releases of hazardous wastes have been reported. Based on this information, this facility is not a *REC* for the site.

5.1.3 Site Area Listings

CERCLIS Properties. The following properties within 0.5 mile of the site are registered on the CERCLIS List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Hub States 419 East Washington Street	0.3 mile southeast/ Down-Gradient	IND039995279	Assigned to archive list 7/1/1985. No further remedial action planned.

Based on the distance of this facility from the site and the reported status for this facility, it is not a *REC* for the site at this time.

CERCLIS NFRAP Properties. The following properties within 0.5 mile of the site are registered on the CERCLIS NFRAP List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Hub States 419 East Washington Street	0.3 mile southeast/ Down-Gradient	IND039995279	Assigned to archive list 7/1/1985. No further remedial action planned.

Based on the distance of this facility from the site and the reported status for this facility, it is not a *REC* for the site at this time.

RCRA TSD Facilities. The following facilities within 0.5 mile of the site are registered on the TSD List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Mechanics Laundry & Supply 711 East Vermont Street	0.4 mile northeast/ Down-gradient	IND984901868	Large quantity generator of hazardous wastes. Four violations of RCRA regulations reported in 1993; all violations resolved in 1993. No details regarding TSD activities provided.

Based on the distance of this facility from the site and its reported status, it is not a *REC* for the site at this time.

RCRA CORRACTS Facilities. The following facilities within one (1) mile of the site are registered on the CORRACTS List.

Property Name	Distance/Gradient From Site	EPA ID	Status
Carl E. Most & Son, Inc. 401 West South Street	0.9 mile southwest/ Down-gradient	INR000017749	Conditionally exempt small quantity generator. Proposed agreed order sent 2000, returned to compliance in 2002. Facility investigation deemed to not be necessary in 2009.

Based on the distance of this facility from the site and the reported status of the facility, it is not a *REC* for the site at this time.

5.2 State Database Review

State & Tribal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
State & Tribal Hazardous Waste Facilities Search Distance – 1 mile	N	0
State & Tribal Equivalent NPL Search Distance – 1 mile	N	0
State & Tribal Equivalent CERCLIS Search Distance – ½ mile	N	0
State & Tribal Landfills and/or Solid Waste Disposal Facilities Search Distance – ½ mile	N	0
State & Tribal Leaking Underground Storage Tank (LUST) Search Distance – ½ mile	N	**20**
State & Tribal Registered Underground Storage Tank (UST) Search Distance – Site and Adjoining properties	N	0
State & Tribal Institutional/Engineering Control Registries Search Distance – Site only	N	0

State & Tribal Database Title and ASTM Search Distance	Site Listed (Y/N)	Area Facilities Listed (0/#)
State & Tribal Voluntary Cleanup Sites (VCP) Search Distance – ½ mile	N	**2**
State & Tribal Brownfield Sites Search Distance – ½ mile	**Y**	**10**
State & Tribal Spills Search Distance – Site and Adjoining Properties	N	**1**

Details provided for the listed facilities are summarized in the following sections.

5.2.1 Site Listings

Brownfield Property. Although not listed in the ERIS report, a review of the IDEM VFC revealed the site has been listed as a Brownfield (ID 4150106). The site is identified as Parking Lot at 222 North Alabama Street in Indianapolis. No other documents or information regarding the listing of this property as a Brownfield was included in the VFC. Because of the lack of information for this listing, the listing of the site as a Brownfield is a *REC* for the site.

5.2.2 Adjacent Property Listings

Spill Incidents. The following spill incidents were reported on properties adjacent to the site.

- Tuchman Cleaners located at 304 East New York Street, adjacent to the northeast and topographically cross-gradient from the site, is registered for a spill of PCE in 2006 (Release Incident 200605114). Tuchman Cleaners has declared bankruptcy and the facility is no longer in operation. Review of documents on the IDEM VFC indicates that soil contamination from the release did not extend to the site. Groundwater flow beneath the property is to the southwest, toward the site, but the investigation results indicated groundwater contamination on the property did not extend beyond the footprint of the Tuchman Cleaners building. Based on this information, this spill is not a *REC* for the site.

5.2.3 Site Area Listings

Leaking UST Release Incidents. The following properties within 0.5 mile of the site are registered on the LUST List:

Facility Name	Distance/Gradient from Site	Incident Number	Media Affected	Status
Two Market Square Center 251 East Ohio Street	250 feet south/ Down-gradient	200207136	Soil and Groundwater	No Further Action – Unconditional Closure
Market Square Center Building 151 North Delaware Street	0.1 mile southwest/ Down-gradient	199811531	Soil	No Further Action – Unconditional Closure
NBD Bank 1 Indiana Square #7043	0.1 mile west/ Cross-gradient	199912563	Soil	No Further Action – Unconditional Closure
Market Square Arena 300 East Market Street	0.1 mile southeast/ Down-gradient	200207505	Soil	No Further Action – Unconditional Closure

Facility Name	Distance/Gradient from Site	Incident Number	Media Affected	Status
Downtown Citgo 441 East Ohio Street	0.2 mile southeast/ Down-gradient	199607516	Soil	No Further Action – Unconditional Closure
Bank One 110 North East Street	0.2 mile southeast/ Down-gradient	198903142	Soil	No Further Action – Unconditional Closure
AT&T Indianapolis N20108 240 North Meridian Street	0.2 mile west/ Down-gradient	200803502	Soil	No Further Action – Unconditional Closure
		200709509	Not reported	Discontinued (No release confirmed)
AT&T Indiana Telephone 220 North Meridian Street	0.2 mile west/ Down-gradient	200511512	Free product	No Further Action – Unconditional Closure
Teledyne National Tracing Paper 600 East Ohio Street	0.3 mile southeast/ Down-gradient	199511515	Soil	No Further Action – Unconditional Closure
Pierson Street Associates Ltd. 251 North Illinois Street	0.3 mile west/ Down-gradient	200302504	Soil	No Further Action – Unconditional Closure
Indpls DOT Downtown Fuel Ctr. 144 South Alabama Street	0.4 mile south/ Down-gradient	200009512	Soil	No Further Action – Unconditional Closure
Goodyear ASC 6720 627 North Delaware Street	0.4 mile north/ Up-gradient	199409521	Soil	No Further Action – Unconditional Closure
Indianapolis Downtown Heliport 51 South New Jersey Street	0.4 mile southeast/ Up-gradient	199806534	Soil	No Further Action – Unconditional Closure
		199401041	Soil	No Further Action – Unconditional Closure
City of Indianapolis-Dehd 30 West Washington Street	0.4 mile southwest/ Down-gradient	19901353	Soil	No Further Action – Unconditional Closure
A1 Downtown Car Care 134 South Delaware Street	0.4 mile south/ Down-gradient	199705521	Soil and Groundwater	Active
National City Center 101 West Washington Street	0.4 mile southwest/ Down-gradient	201011502	Soil	No Further Action – Unconditional Closure
Greyhound Lines, Inc. 127 North Capital Avenue	0.4 mile west/ Down-gradient	199003544	Soil	No Further Action – Unconditional Closure
A. Brinstein, Inc. 200 South East Street	0.5 mile southeast/ Down-gradient	199211511	Soil	No Further Action – Unconditional Closure

Based on the reported statuses for these release incidents and/or the distance of the properties from the site, these releases are not *RECs* for the site at this time.

Brownfields Properties. The following properties within 0.5 mile of the site are registered as Brownfields Properties:

Property Name	Distance/Gradient From Site	Brownfield ID	Status
Five Indiana Square Property 241 North Pennsylvania Street	0.1 mile west/ Up-gradient	4090607	No Further Action letter issued 10/2/2009. Environmental Restrictive Covenant (ERC) prohibits water wells on the property.
Indianapolis Newspapers 307 North Pennsylvania Street	0.1 mile northwest/ Up-gradient	4130808	Chlorinated solvents are present in indoor air in the property building. Soil and groundwater contamination are not reported off-site.

Property Name	Distance/Gradient From Site	Brownfield ID	Status
Bank One Parking Garage 101 North New Jersey Street	0.2 mile southeast/ Down-gradient	4100405	Comfort Letter issued 7/2/2010. ERC prohibits agricultural or residential use, water wells, or occupation without vapor mitigation system.
Maxwell Residential Development 520 E. Ohio and 515 E. New York	0.2 mile southeast/ Cross-gradient	4090306	Comfort Letter issued 5/12/2009. No ERC recorded.
Indianapolis CW Assessment 200 East Washington Street	0.2 mile south/ Cross-gradient	4750101	Government oversight provided. ERC not recorded.
Indianapolis FMG Cleanup 200 East Washington St., Rm 2042	0.2 mile south/ Cross-gradient	4750310	Government oversight provided. ERC not recorded.
Former Indiana Bell Telephone 450 East Washington Street	0.3 mile southeast/ Down-gradient	4120807	Comfort Letter requested 8/21/2012. ERC not recorded.
North Lockerbie Apartments 510 North College Avenue	0.4 mile southwest/ Cross-gradient	4121008	Brownfields Determination Letter 10/24/2012. ERC not recorded.
Town Homes & Retail Building 151 South East Street	0.4 mile southeast/ Down-gradient	4040026	Site Status Letter 9/8/2005. Comment Letters issued 10/13/2004, 8/21/2007, and 10/20/2010. ERC prohibits agricultural use, water wells, and excavation below 16 feet, and requires a vapor mitigation system on the property buildings.
Indianapolis Card Mart 355 North Indiana Street	0.5 mile southeast/ Down-gradient	4110412	Comfort Letter issued 8/2/2011. ERC not recorded.

Based on the reported statuses of these properties and/or their distances and directions from the site, they are not *RECs* for the site at this time.

VCP Facilities. The following facilities within 0.5 mile of the site are registered in the VCP:

Property Name	Distance/Gradient From Site	VCP ID	Status
131 North Alabama Street Property 131 North Alabama Street	350 feet southeast/ Down-gradient	6080601	Active. Project has a signed contract with the VRP. Soil and groundwater contamination have not migrated off of the property. Groundwater flow is toward the southwest, away from the site.
Progress Linen 711 East Vermont Street	0.4 mile northeast/ Down-gradient	6030701	Active. Project has signed a contract with the VRP.

Based on the reported statuses for these properties and/or the distance and direction of the property from the site, they are not *RECs* for the site at this time.

6.0 PHYSICAL SETTING INFORMATION REVIEW

The following section presents information as to the site's physical setting. Note the terms "up-gradient, cross or side-gradient and down-gradient" may be used in this report and refer to the topographic gradient. Groundwater flow direction and gradient often mirror topography. However, the groundwater flow direction and the depth to any shallow groundwater may vary based upon many factors, including seasonal changes (e.g., precipitation amounts), subsurface soil types and conditions, and the depth to the soil/bedrock interface. Actual groundwater gradient, depth, and flow directions cannot be confirmed without information obtained from groundwater monitoring wells installed on the site and/or nearby properties.

6.1 Topographic Map Information

The site is part of the southwest ¼ of Section 1, Township 15 North, Range 3 East in Marion County as shown on the Indianapolis West, Indiana 7.5 minute series topographic quadrangle map prepared by the United States Geological Survey. The elevation of the site is approximately 715 feet above mean sea level. The topography of the site and the surrounding area is generally level. A copy of the topographic map for the site area is presented in **Appendix A**.

6.2 Surface Water Characteristics

The nearest surface water feature to the site is Pogue's Run located approximately 4,000 feet northeast and down-gradient of the site. The White River is located approximately 1.1 miles west and down-gradient from the site. The site is not located within the 100-year or 500-year flood plains of Pogue's Run or the White River.

6.3 Soil and Bedrock Characteristics

According to the United States Department of Agriculture Soil Survey of Marion County, Indiana, the subject site is located on the Urban land-Fox-Ockley soil association. These soils consist of Urban land and well drained, nearly level to moderately sloping soils that are moderately deep and deep over sand and gravel. The soils formed in loamy outwash and the underlying gravelly sand and sand or in loamy outwash over the gravelly sand. The specific soil type on the site was identified as follows:

> **Urban land-Fox Complex, 0 to 3 percent slopes** – The Urban land portion of this complex consists of land that is so altered and obscured by public works and structures that identification of the soils is not feasible. The Fox portion of the complex is composed of loam, clay loam, gravelly clay loam, and very gravelly coarse sand. It varies in depth from 0 inches to 60 inches. The Soil Survey indicates the permeability of this soil is moderately high to high. The risk of corrosion to uncoated steel in this soil is not rated.

The Bedrock Geologic Map of Indiana shows bedrock beneath the site is the Muscatatuck Group of Devonian Age. The Muscatatuck Group consists of limestone and dolomite. The depth to bedrock near the site is approximately 100 feet.

6.4 Groundwater Characteristics

Information regarding groundwater conditions specifically for the site is not readily available. Subsurface investigations conducted on properties near the site indicate that shallow groundwater is present in the area at a depth of approximately 30 feet below the ground surface (bsg). The flow direction of the shallow groundwater in the site area has been determined to flow to the southwest.

In general, groundwater in Marion County is obtained primarily from surficial sand and gravel aquifers, buried sand and gravel aquifers, and carbonate bedrock aquifers. The surficial sand and gravel consists of Wisconsinan and older glaciofluvial or fluvial sand and gravel and minor windblown deposits in the form of dune sands. The surficial sand and gravel aquifer is generally unconfined along rivers and hydraulically connected to buried sand and gravel aquifers in places. Recharge to the aquifer is from direct infiltration of precipitation. Streams can also function as recharge sources during times of drought or heavy pumping. The thickness of the surficial sand and gravel aquifer varies from 10 to 150 feet. Well yields from surficial the sand and gravel aquifer range from 100 gallons per minute to 2,000 gallons per minute.

Buried sand and gravel aquifers were deposited as outwash-plain deposits, valley fill, thin sheets of stratified drift, and small pockets of coarse-grained glaciolacustrine sediment. Where these deposits are continuous, they can be sources of large amounts of water. The buried sand and gravel aquifers are usually confined by layers of low-permeability till. Recharge is probably by infiltration of precipitation through confining layers. The thicknesses of buried sand and gravel aquifers range from 5 feet to 50 feet. Well yields from these aquifers range from 10 to 250 gallons per minute.

Carbonate bedrock aquifers are present beneath the Marion County area. Shales and limestones of Ordovician age are overlain by carbonate rock sequences of Silurian and Devonian age. Silurian and Devonian carbonate bedrock aquifers are preferred as water sources over Ordovician age aquifers. The Silurian and Devonian carbonate rocks were once exposed and underwent some karst development. These bedrock deposits are now covered by glacial deposits. It is the weathered zone in the carbonate rocks that is most likely to produce significant amounts of water because of solution enhanced bedding planes, joints, and fractures. Recharge to the carbonate aquifers is mostly by infiltration and percolation of rainwater through overlying glacial deposits. Thicknesses of carbonate bedrock aquifers range from 40 to 300 feet, but only the upper 150 feet is generally tapped. Well yields of more than 100 gallons per minute are possible from these aquifers.

7.0 HISTORICAL INFORMATION REVIEW

This section presents historical information that is both reasonably ascertainable and readily available as per ASTM guidelines in order to reveal the site's obvious usage from 1940 or its first developed use, whichever is earlier. Reasonable attempts were made to interview those with historical information about the site. Historical records review for non-adjoining properties was out-of-scope.

7.1 Site Ownership

According to information obtained from the Indygov on-line property information service, the site is currently owned by the Indiana State Department of Natural Resources, which acquired the site in 1973. The names of the owners of the site prior to 1973 were not included in the Indygov information service.

7.2 Aerial Photographs

Aerial photographs depicting the site area for the years 1937, 1941, 1956, 1962, 1972, 1986, 1993, 2005, and 2014 were obtained from City of Indianapolis on-line Geographic Information System (http://maps.indy.gov/MapIndy/). The aerial photographs are described below. Note that the scale and clarity of aerial photographs necessarily affect and limit evaluation of features and conditions that may be depicted. Copies of the provided aerial photographs are presented in **Appendix E**.

The 1937, 1941, 1956, and 1962 photographs show the site improved with what appears to be a commercial building over the south portion and a smaller structure on the northwest portion. The central and northeast portions of the site appear to have been a vehicle parking lot. Details of the site buildings cannot be discerned from the photographs. North Alabama Street was located along the east site boundary and East New York was located along the north boundary. The properties adjacent to the site were occupied by commercial buildings and a parking lot to the north, commercial buildings to the east and south, and a parking lot to the west. Properties farther from the site were nearly all improved with commercial structures. No obvious environmental concerns are visible on the site or the adjacent properties on these photographs.

The 1972 photograph shows the north and central portions of the site to be a paved vehicle parking lot. A commercial building was located over the south end of the site, although the north half of the building visible on the south portion of the site on the previous photographs appears to have been removed. Properties adjacent to the site were occupied by parking lots and a narrow commercial building to the north, commercial buildings to the east and south, and a parking lot to the west. An additional parking lot had been constructed to the southeast of the site, across North Alabama Street. Properties farther from the site had remained mostly commercial. Environmental concerns are not visible on the site or adjacent properties on this photograph.

The 1986, 1993, 2005, and 2014 photographs all show the site as a paved parking lot with two small rectangular structures on the southwest corner and what appears to be a small shed or booth near the center of the site. A parking lot and a commercial building were located on the property adjacent to the north of the site, with additional commercial development taking place to the northwest of the site between 2005 and 2014. Commercial buildings were located adjacent to the east, with a parking lot to the southeast of the site from 1986 through 1993. What appears to be an office complex or residential apartments were constructed on the parking lot property southeast of the site between 1993 and 2005. A parking lot was located adjacent to the west of the site and a commercial building was located adjacent to the south of the site on each of these photographs. Properties farther from the site remained mostly commercial. Environmental concerns are not visible on the site or adjacent properties on these photographs.

7.3 City Directories

City directories listings for the site and nearby properties were obtained from Historical Information Gatherers (HIG) of Hopkins, Minnesota. The directories were reviewed at approximate five year intervals for the period between 1914 and 2010. Copies of the provided directory pages are presented in **Appendix F.** The listed occupants of the site and adjacent properties are summarized below. Note that the site address may or may not appear as a listing in directories reviewed.

Review of historical maps for the site area indicates the subject site historically included the odd-numbered addresses between 227 and 239 East New York Street, and the even numbered addresses between 220 and 234 North Alabama Street.

The listed occupants of the site addresses in the provided directories consisted of a variety of commercial facilities, residences, and parking lots. Environmental concerns noted among the names of the commercial facilities on the site included the following:

- The Excelsior Laundry, 222-224 N. Alabama in 1914 and 1919,
- The Indianapolis Printing Company at 222 N. Alabama from 1929 through 1974,
- Excelsior Laundry at 224 N. Alabama in 1929,
- Warren Auto Service at 226 N. Alabama in 1939,
- Koon Motor Sales at 226 N. Alabama in 1943,
- Vaught's Super Service (filling station) at 227-237 E. New York in 1939,
- Arnold Pavy Tires at 227 E. New York in 1943 through 1964

Environmental concerns associated with these site occupants include the possible use of chemicals and solvents by the laundry and printing company, and the possible storage and/or use of petroleum products and solvents at the automobile sales and service facilities.

Potential environmental concerns noted among the listed occupants of the properties adjacent to the site included a gasoline station to the north of the site from 1924 through 1959, the Indianapolis Fire Department adjacent to the east from 1924 through 1974, a printer adjacent to

the east from 1929 through 1934, an automobile repair facility adjacent to the east in 1939, and a dry cleaning facility to the northeast of the site from 2001 through 2010.

7.4 Historical Fire Insurance Maps

Historical fire insurance maps for the site area were reviewed at the Allen County Public Library in Fort Wayne, Indiana. The site was included on maps from 1887, 1898, 1914, 1950, 1965, 1967, and 1969. Information presented on the reviewed historical fire insurance maps is summarized in the following paragraphs. Note that the scale and clarity of such maps necessarily affect and limit evaluation of features and conditions that may be depicted on a particular map. Copies of the reviewed maps are included in **Appendix G**.

The 1887 map shows the site occupied by six residential dwellings and associated outbuildings on the northwest, central, and south portions, and an old church building being used as a box manufacturing company on the northeast corner. Properties adjacent to the site were occupied mostly by residences except for some retail stores and a lumber yard to the southeast. Environmental concerns are not shown on the site or adjacent properties on this map.

The 1898 map shows the site mostly unchanged since 1887 except that the building on the northeast corner of the site was occupied by a church. Properties adjacent to the north, east, and west of the site had remained residential. A sanitarium had been constructed on the property adjacent to the south, and the properties to the southeast were occupied by retail stores, carpenter's shops, and a lumber yard. Environmental concerns are not shown on the site or adjacent properties on this map.

The 1914 map shows residences on the northwest and central portions of the site, a store in the building on the northeast corner, and the Excelsior Steam Laundry on the south portion. A photo gallery was located in the residence on the north-central portion of the site. A boiler is shown in the west end of the cleaners building. A garage with a 280 gallon gasoline UST was located on the property adjacent to the northwest of the site. The properties adjacent to the north and west of the site had remained residential. The Fire Department Headquarters had been constructed on the property adjacent to the west of the site, and the Indianapolis City Hall had been constructed on the property adjacent to the south. The potential use of cleaning solvents at the Excelsior Steam Laundry represents a *REC* for the site, and the gasoline UST on the property northwest of the site is an environmental concern for the site.

The 1950 map shows the site occupied by a gasoline station and a tire sales and service facility on the north portion, a private garage and warehouse on the south-central portion, and the Indianapolis Printing Company on the south portion. The gasoline storage tanks are shown on the north-central portion of the site for the gasoline station. The gasoline storage tanks and the potential use of chemicals and solvents at the printing company represent *RECs* for the site. No information is readily available regarding the status of the storage tanks. An auto repair garage, a gasoline station, and retail stores were located on the properties adjacent to the north of the site, the Fire Department Headquarters was located on the property adjacent to the east, the Indianapolis City Hall was adjacent to the south, and the property adjacent to the west was a

vacant lot. Three gasoline tanks are shown on the gasoline station north of the site. The gasoline station and the auto repair garage represent environmental concerns for the site.

The 1965, 1967, and 1969 maps show the north and central portions of the site as a parking lot and the south end of the site occupied by a printing company. A tire sales and service facility is shown on the northwest corner of the site on the 1965 and 1969 maps but is not shown on the 1967 map. The potential use of chemicals and solvents at the printing company represent a *REC* for the site. The Fire Department Headquarters is shown on the property adjacent to the east of the site and the property adjacent to the west is shown as a vacant lot on each of the maps. The property adjacent to the south of the site is shown as occupied by a fallout shelter and vacant floors in 1965 and 1969, and by a fallout shelter and the Indiana State Museum in 1967. The properties adjacent to the north are not shown on these maps. Environmental concerns are not shown on the properties adjacent to the site on these maps.

8.0 RECONNAISSANCE

This section presents information gathered during the reconnaissance of the site and adjoining properties. This non-invasive reconnaissance was conducted to observe accessible and representative portions of the site for evidence of *RECs*. The following indicators of *RECs*, as per ASTM guidelines, were the focus of this reconnaissance: stained soils, stressed vegetation, transformers, evidence of above ground or underground storage tanks, trash and debris, and use and/or storage of hazardous substances or petroleum products. IWM Consulting also interviewed (or made reasonable attempts to do so) the site representative identified by the Client to gain more information about the site uses and environmental issues, if known by the interviewee.

The reconnaissance was conducted on February 2, 2015 at approximately 4:00 p.m. by Mr. Chris Newell of IWM Consulting. Access to the site was not restricted. Weather conditions were clear and cold, with the temperature in the low 30s (degrees Fahrenheit).

The inspection consisted of walking the site perimeter, then traversing the interior portions of the site on a crossing pattern that provides overlapping fields of view of the ground surface. All areas of the site were accessible during the inspection; however, vehicles parked across the site prevented a thorough inspection of the site surface beneath the vehicles.

8.1 General Site Setting

The site is located in the Indianapolis, Indiana, central business district, approximately 0.3 mile northeast of Monument Circle in downtown Indianapolis. Properties in the immediate site vicinity are occupied by office buildings, residential apartment, and the Old Indianapolis City Hall (currently occupied by Plan 2020, a City of Indianapolis planning commission).

Access to the site is from North Alabama Street located east of the site and from East New York located north of the site. The site consists of an asphalt paved parking lot containing approximately 0.75 acres. A small attendant's booth is located near the center of the site. A Site Area Map showing details of the site and adjacent properties is presented in **Appendix A**. Photographs of the site and the surrounding properties are presented in **Appendix B**.

The City of Indianapolis provides water and sewer services for the site area. No evidence of water supply wells or septic systems was observed on the site. Indianapolis Power and Light (IPL) provides electricity and Citizens Gas provides natural gas for the site area.

Two air conditioning compressor units are located on the southeast corner of the site. The air conditioning compressors are associated with the Old Indianapolis City Hall building currently occupied by Plan 2020 that occupies the property adjacent to the south of the site. Environmental concerns were not observed in association with the air conditioning compressors.

No evidence of USTs, ASTs, drums, containers, or other evidence of the storage and/or use of *hazardous substances* or *petroleum products* were observed on the site.

No strong, pungent, or noxious odors were observed on the site.

No pools of liquid were observed on the site.

No equipment known to contain or likely to contain PCBs was observed on the site.

No stained soil and/or pavement was observed on the site.

No in-ground sumps or traps were observed on the site.

No pits, ponds, or lagoons were observed on the site.

No stressed vegetation was observed on the site.

No evidence of the disposal of solid waste was observed on the site and no evidence of fill material from an unknown origin was observed.

No evidence of the discharge of wastewater or other liquid (including storm water) into a drain, ditch, underground injection system, or stream on or adjacent to the site was observed.

No evidence of wells (including dry wells, irrigation wells, injection wells, abandoned wells, monitoring wells, or other wells) was observed on the site.

8.2 Reconnaissance: Descriptions of Adjoining Properties

Current uses of adjoining properties were assessed via visual reconnaissance from the subject site and/or public right-of-way areas. Details and orientations of these properties are depicted on the site area map presented in **Appendix A**. Observed uses of adjoining properties and observable evidence of environmental concerns or *RECs* are described as follows:

North Adjoining Property. East New York Street is located along the north site boundary. The properties adjacent to the north, across New York Street, are occupied by restaurants, residential apartments, a branch office for Horizon Bank, and attorney's offices. *RECs* were not observable on these properties during the site inspection. These properties are located topographically cross-gradient from the site.

East Adjoining Property. North Alabama Street is located along the east site boundary. The properties adjacent to the east of the site, across Alabama Street, are occupied by an office building (the former Indianapolis Fire Department Headquarters) and the former municipal vehicle garage. *RECs* were not observable on these properties during the site inspection. These properties are located topographically up-gradient from the site.

West Adjoining Property. The property immediately west of this site is a paved parking lot. The Wheeler Mission Ministries occupies the office building farther west of site. *RECs* were not

observable on these properties during the site inspection. These properties are located topographically down-gradient from the site.

South Adjoining Property. The property immediately south of this site is occupied by the Old Indianapolis City Hall, which is currently occupied by Plan 2020, a planning commission for the City of Indianapolis. The property to the southwest of the site is occupied by attorney's offices, and the property to the southeast is occupied by residential apartments. *RECs* were not observable on these properties during the site inspection. These properties are located topographically cross-gradient from the site.

9.0 INTERVIEWS

Reasonable attempts were made to interview those with information concerning the site's past and current uses and environmental issues or problems, if any. Completed interviews are summarized below. Records of communication are presented in **Appendix H**.

9.1 Interview with Owner, Site Manager and/or Occupants

The site is currently a vehicle parking lot with no on-site occupants. Therefore, no interviews were conducted during the site inspection.

9.2 Interview with Local Government Officials

Ms. Ethel Dodds with the Indianapolis Fire Department was contacted for information regarding environmental concerns reported at the site. A response from the Fire Department was not received by the date of this report.

The Marion County Health Department was contacted for information regarding environmental concerns at the site. Ms. Janeth Gomez, Office Assistant for the Health Department, responded that no environmental concerns at the site have been reported to the Health Department.

10.0 TIER 1 VAPOR ENCROACHMENT SURVEY

A *Tier 1 VES* was conducted for the site to determine if current or historical practices at the site and surrounding properties may have resulted in a *VEC* at the site. The *VES* was conducted in accordance with ASTM Standard E2600-10. The objective of a *VES* is to determine if a *VEC* exists, likely exists, or cannot be ruled out and provide information to support those conclusions. The Tier 1 screening consisted of an evaluation of the existing and planned use of the site; the types of structures existing or planned on the site; Federal, state, and tribal government records for the site area to identify potentially contaminated property sources with *COC* on or within the *area of concern* (*AOC*); historical records related to prior use of the site and surrounding properties to identify known or potentially contaminated property sources having *COC*; the general physical setting information; and natural and man-made conduits that can serve as preferential pathways.

The *VES* consisted of a review of the regulatory agency database records noted in Section 5.0 of this report for properties located in the *AOC*, a review of current and historical property use information, and a review of User provided information regarding the site usage and conditions. The *AOC*, also referred to as the *approximate minimum search distance*, is 1/3 of a mile for *COC* and 1/10 of a mile for petroleum hydrocarbon *COC* and may be reduced based on factors such as groundwater flow direction, hydrogeological and hydrologic considerations, subsurface geologic features, topographical gradients, and/or available groundwater flow information.

Properties within the *AOC* that are registered on the reviewed databases are evaluated to determine whether or not *COC* are likely to be present. If known, groundwater flow direction, depth to groundwater, the presence of vapor conduits that may result in preferential pathways, the cleanup status for a contaminated property, and soil characteristics are evaluated to determine if a *VEC* at the site (1) exists, (2) is likely to exist, (3) cannot be ruled out, or (4) does not exist.

A *VES* was completed for the site and surrounding properties utilizing the standard environmental record sources described above. Because of the past use of the site by a laundry service, printing companies, and a gasoline service station, a *VEC* cannot be ruled out for the site at this time.

11.0 DATA GAPS

ASTM E1527-13 defines a *data gap* as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." IWM Consulting conducted this Phase I ESA for the site and has identified the following *data gaps*:

- The historical use of the site could not be traced back to first developed use. Historical city directories show the site was occupied by residences and a church building in 1887 and 1898. Based on this information, the lack of information regarding site usage prior to 1887 is not a significant data gap for this ESA.

- IWM was unable to interview the previous site owner. Property records indicate the Indiana Department of Natural Resources has owned the site since 1973, and historical city directories indicate the site has been a parking lot since at least 1979. The site was formerly occupied by a printing company and a gasoline station and no information is readily available regarding the operations at these facilities. Therefore, the lack of an interview with the previous site owner is a significant data gap for this ESA.

12.0 ADDITIONAL SERVICES

Additional services provided in the Phase I ESA Report include the following:

- Site photographs
- Site area map
- Copies of historical aerial photographs
- Copies of historical city directories
- Copies of historical fire insurance maps

13.0 DEVIATIONS

No deviations were incurred during the Phase I ESA activities.

14.0 REFERENCES

1. Allen County Public Library, Fort Wayne, Indiana, Historical Fire Insurance Maps for Indianapolis, Indiana, 1887, 1898, 1914, 1950, 1965, 1967, and 1969

2. Environmental Risk Information Service, Database Report, Parking Lot, 222 North Alabama Street, Indianapolis, Indiana, Order #20150202045, February 3, 2015

3. Federal Emergency Management Agency, Flood Insurance Rate Map for Marion County, Indiana, Panel 144 of 290, Map Number 18097C0144 E, Effective Date January 5, 2001

4. Gray, Henry H., Curtis H. Ault, and Stanley J. Keller, Bedrock Geologic Map of Indiana, Published 1987

5. Gray, Henry H., Map of Indiana Showing Thickness of Unconsolidated Deposits, 1983

6. Historical Information Gatherers, Hopkins, Minnesota, City Directories 1914, 1919, 1924, 1929, 1934, 1939, 1943, 1949, 1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989-90, 1997, 2001, 2005, and 2010

7. Indygov.biz On-line Property Services, Property Ownership Information, https://www.biz.indygov.org/property.html

8. MapIndy On-line Geographic Information System, http://maps.indy.gov/MapIndy/, Aerial Photographs from 1937, 1941, 1956, 1962, 1972, 1986, 1993, 2005, and 2014

9. U. S. Geological Survey, Hydrogeologic Atlas of Aquifers in Indiana, Water Resources Investigations Report 92-4142, 1994

10. United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, http://websoilsurvey.nrcs.usda.gov/app/

11. United States Department of Agriculture, Soil Conservation Service in cooperation with the Purdue Agricultural Experiment Station, Soil Survey of Marion County, Indiana, Issued September 1978

12. USGS Topographic Map, 7.5 Minute Series, Indianapolis West, Indiana Quadrangle Map, Published 1998

15.0 PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject property *(the site)*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Copies of the environmental qualifications of the Environmental Professional are included in **Appendix G**.

Signature of Environmental Professional

By_____ Dated: February 18. 2015

Hugh Smith, Project Manager
IWM Consulting Group, LLC

By_____ Dated: February 18. 2015

Bradley E. Gentry, LPG #2165
IWM Consulting Group, LLC

PHASE II ENVIRONMENTAL STUDY FOR ASBESTOS, LEAD PAINT, LEAD AND COPPER IN DRINKING WATER, AND BACTERIA AND MOLD IN AIR AT THE

FORMER INDIANA STATE MUSEUM
Located on
NORTH ALABAMA

INDIANAPOLIS, INDIANA
MARION COUNTY

RECEIVED
APR 03 2002
IMCPL

Prepared for

Mr. Ed Olsen
Indianapolis Public Library

March 28, 2002

Shrewsberry & Associates
7168 Graham Road, Suite 100
Indianapolis, IN 46250
Phone: (317)841-4799
FAX: (317)841-4798
www.shrewsusa.com

2318.00-2002

Shrewsberry & Associates

RECEIVED
APR 03 2002
IMCPL

March 28, 2002

7168 Graham Road
Suite 100
Indianapolis, IN 46250
317.841.4799
FAX: 317.841.4798

Mr. Ed Olsen
Indianapolis Public Library
2450 N. Meridian Street
Indianapolis, Indiana 46206-0211

PHASE II ENVIRONMENTAL STUDY FOR ASBESTOS, LEAD PAINT, LEAD AND COPPER IN DRINKING WATER, AND BACTERIA AND MOLD IN AIR AT THE FORMER INDIANA STATE MUSEUM LOCATED ON NORTH ALABAMA, INDIANAPOLIS, MARION COUNTY, INDIANA.

Dear Mr. Olsen:

In accordance with your request, we performed a Phase II Environmental Assessment of the above referenced site to identify apparent sources and types of potential environmental hazards which could pose dangers to human health and the environment and which could affect the value and/or disposition of the property.

Data, analysis, conclusions and conditions upon which these findings and recommendations are based are summarized in the following report dated March 28, 2002. The field study of the subject site was conducted on Saturday, March 2, 2002 by Mr. D. Blake Wilson of Shrewsberry and Associates and Mr. Brian Wilson of CEM to obtain and analyze samples for asbestos in building material, lead in paint lead and copper in drinking water and bacteria and mold in air.

Authorization to perform this assessment for this study was in the form of a written agreement between you and Mr. D. Blake Wilson. This report was generated as a requirement for the remodeling and use of the property.

Should you have any questions or comments regarding our findings, please do not hesitate to contact us. We appreciate the opportunity to be of service.

Sincerely,

SHREWSBERRY & ASSOCIATES

D. Blake Wilson, CPG
Environmental Department Manager

Enclosures

S:\2002\2318.00-2002\PH2_Petroleum State Museum.doc

CERTIFICATION

CERTIFICATION: The **Consultant** (preparer of this report) certifies and agrees that:

1. The Consultant has no present or contemplated future interest in the property being assessed; and neither the employment to make the assessment, nor the compensation for it, is contingent upon the outcome of the assessment.

2. The Consultant has no personal interest in or bias with respect to the subject matter of the Assessment Report or the participants in connection with it. The findings of the Assessment Report are not based in whole or in part upon the race, color, or national origin of the past, current, or prospective owners or occupants of the property assessed, or upon the race, color, or national origin of the past, current, and/or future owners or occupants of the properties in the vicinity of the property assessed.

3. The Consultant has personally inspected the property. To the best of the Consultant's knowledge and belief, all statements and information in this report are true and correct, and the Consultant has not knowingly withheld any significant information. This Environmental Site Assessment is based on conditions as they existed at the time of the investigation. Surface and subsurface conditions at the site may change or develop based on forces and conditions.

4. All contingent and limiting conditions are contained herein (imposed by the terms of the assignment or by the undersigned affecting the analyses, opinions, and conclusions contained in the report).

5. This report has been made in conformity with and subject to the code of ethics and standards of professional practice set forth by the American Society for Testing and Materials (ASTM) at the date this Environmental Site Assessment was made.

6. All conclusions and opinions concerning the property being screened that are set forth in the Assessment Report were prepared by the Consultant whose signature appears on the Assessment Report. The conclusions and opinions are based on research and investigations, performed by the Consultant and his staff, of the property. Unless indicated as "Review Consultant/Auditor," no change of any item in the Assessment Report shall be made by anyone other than the Consultant, and the Consultant shall have no responsibility for any unauthorized change.

7. In preparing this Preliminary Assessment Report, Paul I. Shrewsberry & Associates has applied generally accepted professional practices and standards and exercised its professional judgment, skill and care in a manner consistent with that of other professionals performing similar work under similar conditions.

STATEMENT OF LIMITING CONDITIONS AND DISCLAIMER

CONTINGENT AND LIMITING CONDITIONS: The Certification of the Consultant appearing in the Assessment Report is subject to the following conditions and to such other specific and limiting conditions as are set forth by the Consultant in the report.

1. The Consultant assumes no responsibility for matters of a legal nature affecting the subject property assessed or the title thereto, nor does the Consultant render any opinion as to the title, which is assumed to be good and marketable. The property is assessed as though under responsible ownership.

2. Any sketch in the report may show approximate dimensions and is included to assist the reader in visualizing the property. Unless otherwise specified, the Consultant has made no survey of the property. All information furnished to Paul I. Shrewsberry & Associates, including legal descriptions, map, plats and testimony are assumed to be correct. In addition, points of reference on the site which are used as benchmarks or property line indicators are also assumed to be correct. Paul I. Shrewsberry & Associates assumes no responsibility for the accuracy of this information.

3. The Consultant is not required to give testimony or appear in court because of having made the assessment with reference to the property in question, unless arrangements have been previously made therefore.

4. Information, estimates, and opinions furnished to the Consultant, and contained in the report, were obtained from sources considered reliable and believed to be true and correct. However, no responsibility for accuracy of such items furnished the Consultant can be assumed by the Consultant. The Consultant and Paul I. Shrewsberry & Associates assumes no responsibility or liability for any inaccuracies, damages, errors or omissions brought about by falsified or classified information furnished by the client, his representatives and governmental records.

5. Disclosure of the contents of the Assessment Report is governed by the by-laws and regulations of the American Society for Testing and Materials (ASTM). This Environmental Site Assessment is made only for the person defined in this report, unless other specific arrangements have been made as set forth in this report. This report may not be used for any purpose by any other person without the previous written consent of Paul I. Shrewsberry & Associates

6. Paul I. Shrewsberry & Associates and this report assume that the property is responsibly managed, and in compliance with all local, state, and federal laws and regulations. By submitting this report, Paul I. Shrewsberry & Associates assumes none of the obligations or responsibilities of the owner or any other entity in responsible control of the property which is the subject of this report.

7. It is Shrewsberry & Associates intent that the Assessment Report and its recommendations be used as a guidance tool, in addressing the property's environmental concerns, and not necessarily as a firm course of action unless stated.

8. Any information, conclusions and recommendations provided within the Assessment Report is not to be construed, applied, or intended as legal advice.

9. The Consultant cannot assure that all environmental problems and hazards have been identified or recorded even in a due diligence investigation.

10. The Consultant and Paul I. Shrewsberry & Associates will not participate in a failure to disclose conditions that threaten potential harm to individuals or the environment.

11. The client agrees to pay all charges and service fees incurred by Paul I. Shrewsberry & Associates for services as a professional witness in giving testimony or appearing in court and/or performing services not outlined within the scope of work.

12. Paul I. Shrewsberry & Associates reserves the right to terminate this agreement for any reason that can be construed as unlawful, fallacy and/or the failure to disclose conditions that can threaten human life and the environment by the client. Written notice of termination will be given. Proper authorities will be notified. Paul I. Shrewsberry & Associates will be entitled to receive full compensation for services previously rendered under this agreement plus expenses incurred in the termination of this agreement.

TABLE OF CONTENTS

Letter of Transmittal i

Certification ii

Statement of Limiting Conditions and Disclaimer iii

Table of Contents iv

Executive Summary and Recommendations 1

Introduction 2
- Site Location
- Scope of Work

Field Investigation 2
- Methodology
- Samples Collected
- Quality Control
- Closure

Findings and Laboratory Analysis 4

Conclusions and Recommendations 7

Attachments and Exhibits 8

- Exhibit A & B - Site Photographs

Chain of Custody Forms and Analytical Results 9

EXECUTIVE SUMMARY AND RECOMMENDATIONS

Executive Summary

A Phase II Environmental Assessment was conducted at the former Indiana State Historical Museum in Indianapolis, Marion County, Indiana. The testing requested included:

1) Asbestos testing of building material, which is to be disturbed or removed during remodeling.

2) Lead paint testing of material to be demolished.

3) Lead and copper in drinking water for consumption and use.

4) Bacteria and mold in air in work environment and possibly damaging to printed material.

The purpose of this report is to convey the findings, conclusions and recommendations of this sampling assessment.

This assessment has revealed the following environmental concerns.

Asbestos
No asbestos was identified in the material sampled.

Lead paint
No lead was detected in the painted surfaces tested.

Lead in drinking water
Lead was not detected in water above the laboratory detection limit of 0.005 MG/L.

Cooper in drinking water
Copper was not detected in water above the action limit of 1.3 MG/L.

Mold and bacteria
Was detected inside the facility below ambient outdoor air.

Recommendations

No further action is required on the items tested.

INTRODUCTION

On March 2, 2001, Shrewsberry & Associates performed a Phase II environmental assessment of the former Indiana State Museum. Review indicates that this facility functioned as a museum and was constructed in the early 1900' s.

FIELD INVESTIGATION

Six different potential environmental issues were investigated. The issue were lead paint, lead in drinking water, copper in drinking water, asbestos and mold and bacteria in air. Samples were acquired from building material that are to be disturbed to test for asbestos and lead paint. Water samples were taken from the restroom taps to test for lead and copper. Air samples were taken throughout to test for mold and bacteria.

Methodology

Asbestos samples were obtained from plaster walls tagged for demolition. Sampling was conducted according to AHERA guidelines. Three samples were obtained from each material. These samples were placed in airtight containers labeled and sent to a NVLAP accredited laboratory to be analyzed by polarized light microscopy augmented with dispersion staining. Only material designated for demolition was sampled other building materials may contain asbestos within this facility.

Drinking water samples were obtained from bathroom taps according to the ASTM standard. Two 100 ml bottles were filled following a 5-minute purge of the tap. Upon filling bottles to their rims bottles were sealed and provided a sample number. Water samples were transported to a laboratory for analysis.

Lead paint chip samples were obtained from surfaces tagged for demolition or renovation. Samples were acquired according to the Indiana lead guidelines. Samples were placed in airtight containers labeled and transported to a state certified lab for analysis. Lead paint may exist in other areas of the museum only areas to be demolished or renovated were tested.

Mold samples were collected on a malt extract agar (MEA) using an N-5 Anderson sampler. Three (3) samples were collected at random from each of the five (5) floors. The samples were analyzed for viable (living) types of mold.

Bacteria samples were collected on a tryptic soy agar (TSA) using an N-5 Anderson sampler. One (1) samples was collected at random from each of the five (5) floors. The samples were analyzed for viable (living) types of bacteria.

Quality Control

Quality assurance/quality control is emphasized in three distinct areas of involvement in an investigating sampling report. These areas are defined as sampling activities, analytical activities and report writing activities.

Sampling Activities

Specific care was taken in collecting the samples. Clean disposable nitrile gloves were worn during the collection of each sample, and equipment was washed with liquinox soap and double rinsed with deionized water prior to each sample collection. Care was also taken to eliminate headspace within the sampling jars. Samples were stored on ice until delivery to the laboratory.

Analytical Activities

Samples were transported to ESG Laboratory for analysis. Samples were signed for by an ESG Laboratory personnel. Once samples were released into the laboratory's care, the laboratory's quality control program followed the samples. The laboratory reported results of analysis for reporting.

Report Writing Activities

Once all data has been received and verified, a report is composed of our findings. Data is Checked against the report to confirm quantities and concentrations. The report is then reviewed by
A senior staff member for completeness

Closure

After completion of the soil borings, each boring was filled with bentonite chips.

FINDINGS AND LABORATORY ANALYSIS

Asbestos

Laboratory Analysis: Polarized light microscopy with dispersion staining EPA 600/m4-82-020

Sample #	Type of Material	Asbestos Content	Action Level	Location
AP1-3202-3a	Plaster	N/D	1%	South side of building
AP2-3202-3a	Plaster	N/D	1%	North side of building
AP3-3202-3a	Plaster	N/D	1%	South side of building
ACP1-3202-3a	Plaster	N/D	1%	North side of building
ACP2-3203-2a	Plaster	N/D	1%	South side of building

Lead Paint

Sample	Type	Lead Content	Location
001	Wall Paint	<0.012%	Front Entrance South Side
002	Wall Paint	<0.020%	Spring Exhibit
003	Wall Paint	<0.005%	Wetland Habitat Exhibit

Drinking Water

Sample	Lead Content	Copper Content	Action Level	Action Level	Location
			Lead	Copper	
DN1-3202-2	<0.005 MG/L	0.399 MG/L	0.015 MG/L	1.3 MG/L	2nd floor men
DW2-3202-2	<0.005MG/L	0.156 MG/L	0.015 MG/L	1.3 Mg/L	1st floor women
DW3-3202-2	<0.005 MG/L	0.507MG/L	0.015 MG/L	1.3 MG/L	Basement men

Findings and Laboratory Analysis Cont.

Industrial Hygiene Sample Data Sheet
MOLD

Sample Number	Sample Type	Sample Description Location	Concentration (Colony Forming Units/m3)
MEA001	Mold	4th Floor Center	Penicillium sp – 12.4 Cladosporium sp. 12.4
MEA002	Mold	4th Floor North Wing	Chaetomium sp. – 12.4
MEA003	Mold	4th Floor South Wing	None Detected
MEA004	Mold	3rd Floor Center	None Detected
MEA005	Mold	3rd Floor North Wing, 3N	None Detected
MEA006	Mold	3rd Floor South Wing, 3SE	Cladosporium sp. – 24.8 *Unidentified – 24.8 Yeast sp. – 12.4
MEA007	Mold	2nd Floor Center	None Detected
MEA008	Mold	2nd Floor North Wing, 2NE	Yeast sp. – 74.3 *Unidentified sp. – 12.4
MEA009	Mold	2nd Floor South Wing, 2S	None Detected
MEA010	Mold	1st Floor Center	None Detected
MEA011	Mold	1st Floor North Wing	None Detected
MEA012	Mold	1st Floor South Wing	Cladosporium sp. – 37.2 Yeast sp. – 37.2 Penicillium sp. – 12.4
MEA013	Mold	Basement Center (where new lunch area is to be)	Aspergillus sp. – 24.8 Cladosporium sp. – 12.4 Penicillium sp. – 12.4
MEA014	Mold	Basement North Wing	Penicillium sp. – 12.4 Cladosporium sp. – 12.4 Aspergillus sp. – 12.4
MEA015	Mold	Basement South Wing	None Detected
MEA016	Mold	Control Sample Outside Front Door	Aspergillus sp. – 74.3 Cladosporium sp. – 24.8 Chaetomium sp. – 12.4

*No Spore Production

Findings and Laboratory Analysis Cont.

Industrial Hygiene Sample Data Sheet
BACTERIA

Sample Number	Sample Type	Sample Description/Location	Concentration (Colony Forming Units/m3)
TSA001	Bacteria	4th Floor Center	Bacillus subtilis – 24.8 Psychrobacter immobilis – 12.4
TSA002	Bacteria	3rd Floor North Wing, #n	Micrococcus luteus – 12. 4
TSA003	Bacteria	2nd Floor South Wing, 2S	Bacillus psychrosaccharolyticus – 24.8 Eikenella corrodens sp. – 12.4
TSA004	Bacteria	1st Floor North Wing	Macrococus bovicus – 37.2 Tetragenococcus halophlus sp. – 24.8 Microbacterium arborescens – 12.4
TSA005	Bacteria	Basement South Wing	None Detected
TSA006	Bacteria	Control Sample Outside Front Door	Xanthomonas campestris pv malvacearum – 483.3 Micrococcus luteus – 272.6 Psychrobacter immobilis – 235.4

FINDINGS AND CONCLUSIONS

Paul I. Shrewsberry & Associates (S&A) was retained by Indianapolis, Marion County Public Library to conduct an investigation of the former State Museum on North Alabama Street, Indianapolis, Indiana. The scope of work for this investigation was based on a request by the client. The purpose of this report is to convey the findings, conclusions and recommendations of this investigation.

Analytical results for asbestos samples taken from proposed demolition material proved to be negative for asbestos.

Analytical results for lead paint chip samples taken from propose demolition material proved to be negative for lead paint

Analytical results for lead in portable water samples taken from restroom faucets throughout the facility proved to be negative for lead in portable water.

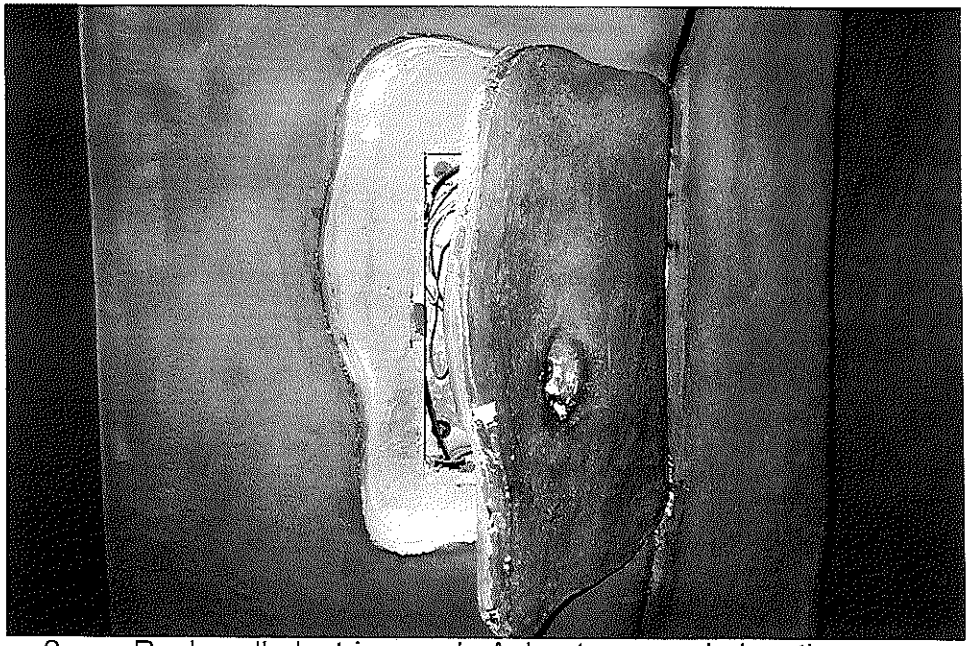
Analytical results for copper in portable water samples taken from restroom faucets throughout the facility proved to be negative for copper in portable water.

Analytical results for bacteria samples taken from several locations throughout the facility proved to be negative for bacteria.

Analytical results for mold samples taken from several locations throughout the facility proved to be negative for mold.

ATTACHMENTS AND EXHIBITS

1. Spring exhibit. Lead paint chip sample location.



2. Rock wall electric panel. Asbestos sample location.

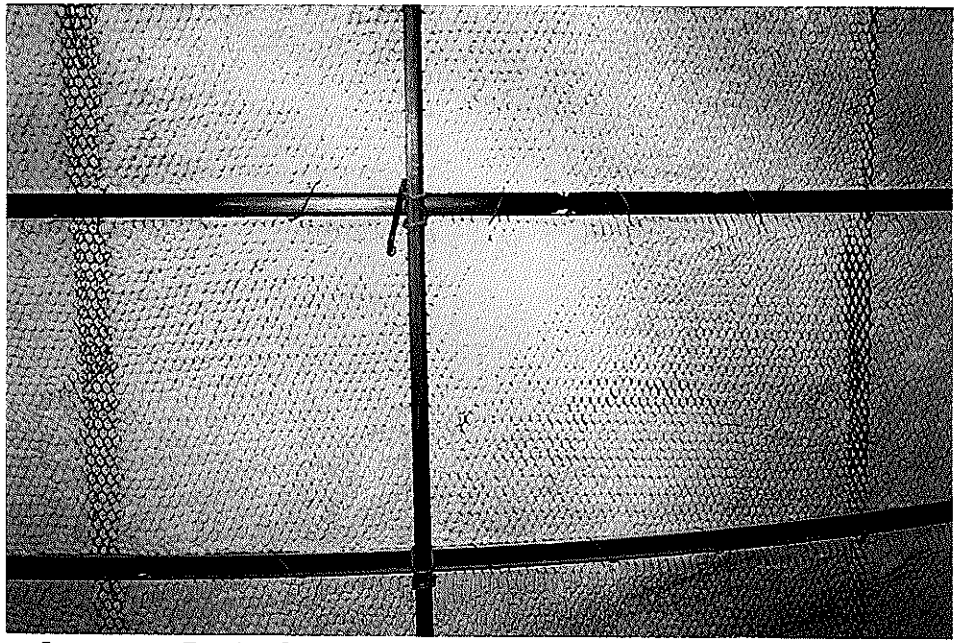
3. Summer exhibit. Asbestos sample location.

4. Wetland exhibit. Lead paint and asbestos sample location.

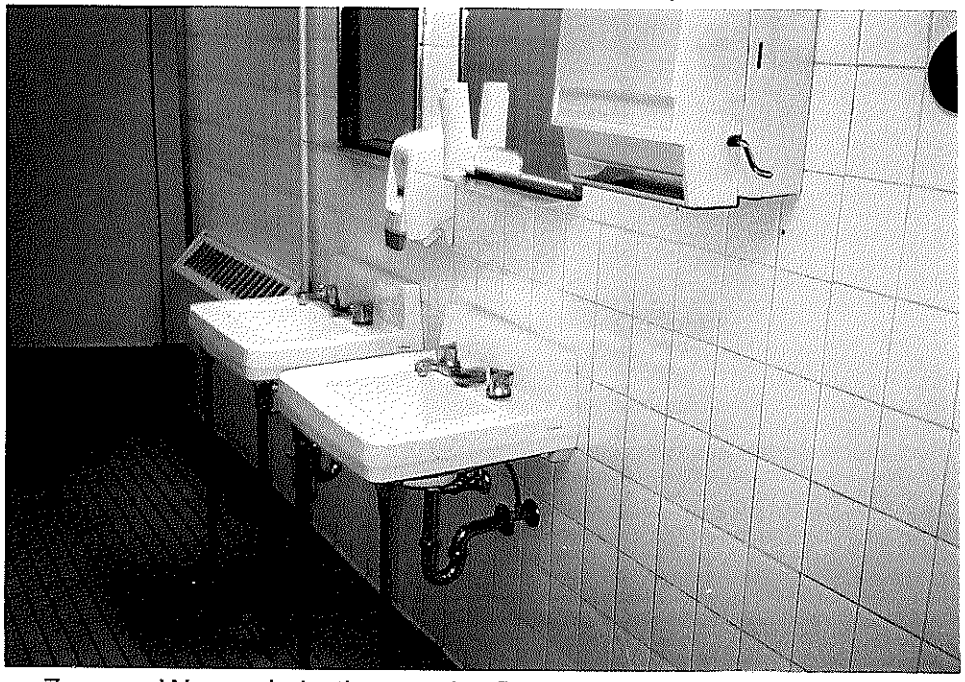
SITE PHOTOGRAPHS - STATE MUSEUM
EXHIBIT A
2318.00-2002

Shrewsberry & Associates

5. Front entrance. Lead paint chip sample location.



6. Back of exhibits. Asbestos sample location.



7. Women's bathroom 1st floor drinking water sample for lead and copper.

SITE PHOTOGRAPHS - STATE MUSEUM
EXHIBIT B
2318.00-2002

Shrewsberry & Associates

CHAIN OF CUSTODY AND RESULTS

CORPORATION for ENVIRONMENTAL MANAGEMENT

1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700 Fax: 317/687-8729
Toll Free Phone: 888/687-8721

March 20, 2002

Mr. Blake Wilson
SCHREWSBERRY & ASSOCIATES
7168 Graham Road
Indianapolis, Indiana 46250

Dear Mr. Wilson:

Pursuant to your request, Corporation for Environmental Management (CEM) has performed mold, bacteria and lead based paint (LBP) sampling at the former State Historical Museum in Indianapolis, Indiana. The sampling was performed on March 3, 2002 and samples were analyzed by EMSL Analytical, Inc.

Fifteen (15) mold samples were collected in addition to one (1) control sample taken outside the building. These mold samples were collected on a malt extract agar (MEA) using an N-5 Anderson Sampler. Three (3) samples were collected in various locations on each of five (5) floors, which included the basement. The samples were analyzed for viable (living) types of mold and their corresponding concentrations were reported in colony forming units per cubic meter of air (CFU/m^3).

Five (5) bacteria samples were collected in addition to one (1) control sample taken outside the building. These bacteria samples were collected on a tryptic soy agar (TSA) using an N-5 Anderson Sampler. One (1) sample was collected at random locations on each of five (5) floors, including the basement. The samples were analyzed for viable (living) types of bacteria and their corresponding concentrations were reported in colony forming units per meter cubed of air (CFU/m^3).

Three (3) lead paint chip samples were collected in the wildlife exhibit. These samples were randomly taken in areas that you requested. The samples were analyzed using flame atomic absorption (FAA) and the results are reported as a percent (%) of lead by weight.

Mold

The results from the mold sampling indicate that there is no indoor contamination at this time. The results were consistent with the outdoor control sample concentrations with one outlier. This outlier was found in sample MEA008 taken on the second floor in 2NE, with a concentration of 74.3 CFU/m^3.

The type of mold found in this sample was yeast and is a naturally occurring mold found everywhere in the environment and also lives as a normal inhabitant in our bodies. Results from all sampling are attached for your review.

BACTERIA

The results from the bacteria sampling were also found to be in low concentration. Based on these results, CEM does not believe there to be any indoor bacteria contamination at this time. All concentrations were found to be significantly lower then the outdoor concentrations. The highest indoor concentration was found in sample TSA004 taken on the first floor in the north wing. This concentration was 37.2 CFU/m^3 of bacillus. The outdoor concentration for bacillus was 272.6 CFU/m^3. Results from all sampling are attached for your review.

LEAD BASED PAINT

All lead based paint chip samples were found to contain no detectable amounts of lead. If other painted areas are to be demolished or renovated, CEM recommends that these areas be tested for lead or assumed that they contain lead prior to the work. If known or assumed lead is present, work must be done in conformance with the OSHA Lead in Construction Standard. Results from all sampling are attached for your review.

Mr. Wilson, CEM appreciates the opportunity to be of service to you and Shrewsberry and Associates. Feel free to contact the undersigned should you have questions or require additional information or services.

Sincerely,

CORPORATION for
ENVIRONMENTAL MANAGEMENT

Brian P. Wilson
Environmental Consultant

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name:State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
MOLD

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
MEA001	Mold	4th Floor Center	80.7	Penicillium sp. – 12.4 Cladosporium sp. – 12.4
MEA002	Mold	4th Floor North Wing	80.7	Chaetomium sp. – 12.4
MEA003	Mold	4th Floor South Wing	80.7	None Detected
MEA004	Mold	3rd Floor Center	80.7	None Detected
MEA005	Mold	3rd Floor North Wing, 3N	80.7	None Detected
MEA006	Mold	3rd Floor South Wing, 3SE	80.7	Cladosporium sp. – 24.8 *Unidentified – 24.8 Yeast sp. – 12.4
MEA007	Mold	2nd Floor Center	80.7	None Detected
MEA008	Mold	2nd Floor North Wing, 2NE	80.7	Yeast sp. – 74.3 *Unidentified sp. – 12.4
MEA009	Mold	2nd Floor South Wing, 2S	80.7	None Detected
MEA010	Mold	1st Floor Center	80.7	None Detected
MEA011	Mold	1st Floor North Wing	80.7	None Detected
MEA012	Mold	1st Floor South Wing	80.7	Cladosporium sp. – 37.2 Yeast sp. – 37.2 Penicillium sp. – 12.4
MEA013	Mold	Basement Center (where new lunch area is to be)	80.7	Aspergillus sp. – 24.8 Cladosporium sp. - 12.4 Penicillium sp. – 12.4

*No Spore Production

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name: State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
MOLD Cont.

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
MEA014	Mold	Basement North Wing	80.7	Penicillium sp. – 12.4 Cladosporium sp. – 12.4 Aspergillus sp. – 12.4
MEA015	Mold	Basement South Wing	80.7	None Detected
MEA016	Mold	Control Sample Outside Front Door	80.7	Aspergillus sp. – 74.3 Cladosporium sp. – 24.8 Chaetomium sp. – 12.4

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317/687-8700

CEM Project No.: 02-1028
Project Name:State Historical Museum
Date Sampled: 03/02/02
Collected by: BPW
Couriered by: BPW
Analyzed by: EMSL
Date Analyzed: 03/20/02

Industrial Hygiene Sample Data Sheet
BACTERIA

Sample Number	Sample Type	Sample Description/Location	Total Volume (Liters)	Concentration (Colony Forming Units/m^3)
TSA001	Bacteria	4th Floor Center	80.7	Bacillus subtilis – 24.8 Psychrobacter immobilis – 12.4
TSA002	Bacteria	3rd Floor North Wing, 3N	80.7	Micrococcus luteus – 12.4
TSA003	Bacteria	2nd Floor South Wing, 2S	80.7	Bacillus psychrosaccharolyticus – 24.8 Eikenella corrodens sp. – 12.4
TSA004	Bacteria	1st Floor North Wing	80.7	Macrococus bovicus – 37.2 Tetragenococcus halophlus sp. – 24.8 Microbacterium arborescens – 12.4
TSA005	Bacteria	Basement South Wing	80.7	None Detected
TSA006	Bacteria	Control Sample Outside Front Door	80.7	Xanthomonas campestris pv malvacearum – 483.3 Micrococcus luteus – 272.6 Psychrobacter immobilis – 235.4

CORPORATION for ENVIRONMENTAL MANAGEMENT
1218 Prospect Street
Indianapolis, Indiana 46203
317.687-8700
fax - 317.687-8729

CEM PROJECT #: 02-1028
CLIENT PROJECT ID: Indiana State Museum
IAQ/Lead Sampling

Lead in Paint
Sample Data Sheet

Sample Number	Date Collected	Location/Description	Sampling Area (length x width)	Analytical Results (% by weight)	Comments
001	3/4/02	Front entrance wall	1" X 1"	<0.012	
002	3/4/02	Spring exhibit rock ground	1" X 1"	<0.020	
003	3/4/02	Wetland habitat rock ground	1" X 1"	<0.005	

Mold/Fungal

Cladosporium sp. – Considered a nonpathogenic fungus, however, it should be noted that this mold is an opportunistic fungi that can be pathogenic in individuals with impaired immunological defenses, where infection is secondary to a primary disease or condition. Cladosporium sp. are causative agents of skin lesions, keratitis, onychomycsinusitis and pulmonary infections.

Penicillium sp. – Commonly considered a contaminant and a rare agent of infection, but has been known to cause keratitis (inflammation of the cornea), external ear, respiratory, and urinary tract infections.

Yeast sp. –A naturally occurring mold found everywhere in the environment and also lives as normal inhabitants in our bodies. Yeast sp. is considered non-toxic/non-pathogenic in humans unless they have a specific allergy to yeast.

Aspergillus sp.– Members of the Aspergillus genus cause a group of diseases known as aspergillosis. The form of the disease may be an invasive infection, colonization, toxicoses, or allergy. These species are opportunistic invaders, infecting various sites in individuals that are immunocompromised, have a debilitating disease, or are under a prolonged treatment with immunosuppressive drugs or antimicrobial agents. Although disease causing, Aspergillus are widespread in the environment.

Immature /Unidentified –Spores that could not be identified due to the inability to see the spore or because the spore was immature.

Chaetomium – A fungus found in soil, air and plant debris. Chaetomium is commonly found on deteriorating wood products. Some species may contribute a musty odor to the indoor environment. As well as being a contaminant, Chaetomium are also encountered as causative agents of infections in humans. Chaetomium are among the fungi causing infections wholly referred to as phaeohyphomycosis. Brain abscess, peritonitis, cutaneous lesions, and onychomycosis may also develop due to Chaetomium.

Bacteria

Micrococcus sp. – Found on humans, animals and throughout nature. It is rarely pathogenic to humans, but has been found to cause: intracranial abscesses, pneumonia, septic arthritis, meningitis, prosthetic valve endocarditis, pitted keratolysis, and opportunistic pathogens in immunocompromised patients.

Bacillus sp. – Found in the soil, water, air, vegetation, and insects. It has been known to cause food poisoning and anthrax and also cause meningitis, necrotizing pneumonia, wound infections, and acute gastroenteritis all mostly in immunocompromised humans.

Eikenella *sp* – A genus of Gram-negative bacteria that occur in the human oral cavity and upper respiratory tract as nonmotile, rod-shaped cells or filaments. It is the most frequently isolated bacterium from human bite wounds. Eikenella is often associated with periodontal disease, particularly cases in which alveolar bone loss is severe.

Microbacterium – A genus of Gram-positive, aerobic bacteria that occur as heat-resistant, rod-shaped cells and are frequently found in dairy products.

Psychrobacter – A Gram-negative bacteria that is associated with infection in humans. Infections include meningitis, bacteraemia, and eye infection.

Xanthomonas – A Gram-negative bacteria that is associated with infection in humans (bacteraemia).

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-052
Date: 03/06/02 10:53
Work ID: IMCPL/ISM 2318.00-2002
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

Reference Document: EPA 600/M4-82-020. NVLAP Code 102029
NVLAP product or service endorsement is to be no way implied.
Deviations or exclusions from the method are noted. Visual estimations are subject to a relative degree of uncertainty.

SAMPLE IDENTIFICATION

Sample Number	Sample Description
01	AP1-3202-3a Plaster White
02	AP2-3202-3a Plaster Tan
03	AP3-3202-3a Plaster Brown

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 03

M. Dunlap
Certified By
Lab Manager

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

CERTIFICATE OF ANALYSIS

CLIENT: Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250
ATTEN: Blake Wilson
DATE OF REPORT: 03/06/02
DATE OF SAMPLE: 03/02/02
DATE RECEIVED: 03/04/02
DATE OF ANALYSIS: 03/05/02
ANALYST: DG
MATRIX: BULK
LAB NUMBER: 02-03-052
SAMPLE DESCRIPTION: IMCPL/ISM 2318.00-2002

ANALYTICAL METHOD: Polarized Light Microscopy with Dispersion Staining
Reference Document: EPA 600/M4-82-020.
NVLAP Lab Code: 102029 (NVLAP product or service endorsement is to be in no way implied.)

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS
01 A	AP1-3202-3a Plaster White	----	2%	98%	----
01 B	AP1-3202-3b Plaster White	----	3%	97%	Trace F
01 C	AP1-3202-3c Plaster White	----	Trace	100%	----
02 A	AP2-3202-3a Plaster Tan	----	Trace	100%	----
02 B	AP2-3202-3b Plaster Tan	----	Trace	100%	----
02 C	AP2-3202-3c Plaster Tan	----	Trace	99%	1% F
03 A	AP3-3202-3a Plaster Brown	----	Trace	100%	----
03 B	AP3-3202-3b Plaster Brown	----	Trace	100%	----
03 C	AP3-3202-3c Plaster Brown	----	----	100%	----

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS

Fraction Comments

01A: Non Homogenous, 3 Components, Sample dried prior to analysis
01B: Non Homogenous, 2 Components, Samples dried prior to analysi
01C: Homogenous, Sample dried prior to analysis
02A: Non Homogenous, 2 Components, Sample dried prior to analysis
02B: Non Homogenous, 2 Components, Sample dried prior to analysis
02C: Non Homogenous, 2 Components, Sample dried prior to analysis
03A: Homogenous, Sample dried prior to analysis
03B: Non Homogenous, 2 Components, sample dried prior to analysis
03C: Homogenous, Sample dried prior to analysis

Component Legend

F - FMNA

ESG grants permission to reproduce this report in full.

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

023052

SAMPLING FORM

JOB NAME: IMCPL / ISMA

JOB #: 2318.00-2002

DATE: 3-2-02

LOCATION: INDIANAPOLIS

TYPE OF SAMPLES: GRAB / BULK

SAMPLER: DBW

SAMPLES OBTAINED

	Sample #	Lab #	Type	Location	Test Required	Test Results
1	AP1-3202-3a		PLASTER	SOUTH SIDE MIDDLE COAT	PLM / DS	
2	AP1-3202-3b					
3	AP1-3202-3c					
4	AP2-3202-3a			NORTH SIDE TOP COAT		
5	AP2-3202-3b					
6	AP2-3202-3c					
7	AP3-3202-3a			SOUTH SIDE TOP COAT		
8	AP3-3202-3b					
9	AP3-3202-3c					
10						

Received		Time/ Date	Relinquist	Time/ Date 3/4/02	8:00 AM ~~3/4/02~~
Received		Time/ Date 3/4/02 8:00 AM	Relinquist	Time/ Date	
Received		Time/ Date	Relinquist	Time/ Date	
Received		Time/ Date	Relinquist	Time/ Date	

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-051
Date: 03/06/02 10:53
Work ID: IMCPL/ISM 2318.00-2002
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

Reference Document: EPA 600/M4-82-020. NVLAP Code 102029
NVLAP product or service endorsement is to be no way implied.
Deviations or exclusions from the method are noted. Visual estimations are subject to a relative degree of uncertainty.

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	ACP1-3202-3a Plaster Tan	02	ACP2-3202-3a Plaster Tan

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 02

M. Dunlap
Certified By
Lab Manager

CERTIFICATE OF ANALYSIS

CLIENT: Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250
ATTEN: Blake Wilson
DATE OF REPORT: 03/06/02
DATE OF SAMPLE: 03/02/02
DATE RECEIVED: 03/04/02
DATE OF ANALYSIS: 03/05/02
ANALYST: DG
MATRIX: BULK
LAB NUMBER: 02-03-051
SAMPLE DESCRIPTION: IMCPL/ISM 2318.00-2002

ANALYTICAL METHOD: Polarized Light Microscopy with Dispersion Staining
Reference Document: EPA 600/M4-82-020.
NVLAP Lab Code: 102029 (NVLAP product or service endorsement is to be in no way implied.)

SAMPLE NUMBER	SAMPLE IDENTIFICATION	ASBESTOS	CELLULOSE	NON FIBROUS MATERIAL	FIBROUS MATERIAL NON ASBESTOS
01 A	ACP1-3202-3a Plaster Tan	----	Trace	100%	Trace G
01 B	ACP1-3202-3b Plaster Tan	----	Trace	100%	----
01 C	ACP1-3202-3c Plaster Tan	----	Trace	100%	----
02 A	ACP2-3202-3a Plaster Tan	----	Trace	100%	----
02 B	ACP2-3202-3b Plaster Tan	----	Trace	100%	----
02 C	ACP2-3202-3c Plaster Tan	----	Trace	100%	----

Fraction Comments

01A: Homogenous, Sample dried prior to analysis
01B: Homogenous, Sample dried prior to analysis
01C: Homogenous, Sample dried prior to analysis
02A: Homogenous, Sample dried prior to analysis
02B: Homogenous, Sample dried prior to analysis
02C: Homogenous, Sample dried prior to analysis

Component Legend

G - Glass

ESG grants permission to reproduce this report in full.

ESG Laboratories
ENVIRONMENTAL SERVICES
5933 WEST 71ST STREET INDIANAPOLIS, INDIANA 46278
A Member of THE ASTBURY GROUP
PHONE (317) 290-1471
FAX (317) 290-1670

0203051

SAMPLING FORM

JOB NAME: IMCPL / ISM

JOB #: 2318.00 – 2002

DATE: 3-2-02

LOCATION: INDIANAPOLIS

TYPE OF SAMPLES: GRAB / BULK

SAMPLER: DBW

SAMPLES OBTAINED

	Sample #	Lab #	Type	Location	Test Required	Test Results
1	ACP1-3202-3a		PLASTER	NORTH SIDE CONCRETE BASE BEHIND EXHIBIT	PLM / PLS	
2	ACP1-3202-3b		↓	↓	↓	
3	ACP1-3202-3c		↓	↓	↓	
4	ACP2-3202-3a		↓	SOUTH SIDE CONCRETE BASE BEHIND EXHIBIT	↓	
5	ACP2-3202-3b		↓	↓	↓	
6	ACP2-3202-3c		↓	↓	↓	
7						
8						
9						
10						

Received	Time/Date	Relinquist	Time/Date 3/4/02 8:00 AM 3/4/02
Received	Time/Date 3/4/02 8:00	Relinquist	Time/Date
Received	Time/Date	Relinquist	Time/Date
Received	Time/Date	Relinquist	Time/Date

CERTIFICATE OF ANALYSIS

Shrewsberry & Associates
7168 Graham Road Suite 100
Indianapolis, Indiana 46250

Attn: Blake Wilson
Invoice Number:

Order #: 02-03-048
Date: 03/06/02 09:21
Work ID: 2318.00-2002 ISM/IMCPL
Date Received: 03/04/02
Date Completed: 03/05/02
Client Code: CRIPE

ESG Certification #C-49-07

SAMPLE IDENTIFICATION

Sample Number	Sample Description
01	DW1-3202-2
02	DW2-3202-2
03	DW3-3202-2

This report may not be reproduced except in full, without the written approval of the laboratory. All results relate only to the items tested.
This report contains a total number of pages: 02

Certified By
Lab Manager

TEST RESULTS BY SAMPLE

Sample: 01AR DW1-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.399	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

Sample: 02AR DW2-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.156	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

Sample: 03AR DW3-3202-2 **Collected: 03/02/02** **Category: WATER**

Test Description	Result	Limit	Units	Analyzed	By
Copper, ICAPES	0.507	0.020	mg/L	03/05/02	KF
Lead, GFAAS	<0.0050	0.0050	mg/L	03/05/02	SW

ESG Laboratories
5933 West 71st Street • Indianapolis, In 46278
Phone (317) 290-1471 • Fax (317)290-1670

CHAIN OF CUSTODY RECORD

Shrewsberry & ASSOC.

Client Name: S+A
ESG Work Order #: 0203044
Project No: 23180-2002
Project Name: ISM / IMCPL
Sampler's Signature: [signature]

Filtered (Y or N): N N
Preserv. Code: A A

Preservation Codes: A = Acid, B = Base, C = Cool 4°

Stat.No	DATE	TIME	COMP	GRAB	STATION LOCATION ID	Total Number of Containers	Analyses: LEAD	Analyses: COPPER	Comments
1	3/2/02	8:15pm		✓	DW1-3202-2	2	✓	✓	
2	3/2/02	8:30pm		✓	DW2-3202-2	2	✓	✓	
3	3/2/02	8:35pm		✓	DW3-3202-2	2	✓	✓	

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/4/02 8:00pm	[signature]	3/4/02 8:00A
Relinquished By:	Date/Time	Received By:	Date/Time
Relinquished By:	Date/Time	Received By:	Date/Time

Additional Information:

Turn Around Time: Normal ☒ Rush ☐ Report Due: _____

Are samples suspected to be: Flammable ☐ Corrosive ☐ Toxic ☐

Were samples received intact and properly preserved? Yes ☐ No ☐

Temp. Blank _____°C

king\newcoc\als