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Ohio EPA Voluntary Action Program

Phase I Assessment Report

Bexley Ferndale Properties
921-925 & 941-945 Ferndale Place
Bexley, Ohio 43209

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PANDEY
ENVIRONMENTAL, LLC

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AAI…… All Appropriate Inquiries

ACM……...Asbestos Containing Material

AST…….Aboveground Storage Tank

ASTM…….American Society for Testing and Materials

AUL……Activity and Use Limitation

BUSTR……...Ohio's Bureau of Underground Storage Tank Regulations

CERLA…….. Comprehensive Environmental Response, Compensation and Liability Act

CFR……Code of Federal Regulations

CREC…….Controlled Recognized Environmental Condition

EC……...Engineering Control

EDR……Environmental Data Resources, Inc.

EPA……Environmental Protection Agency

ESA……Environmental Site Assessment

FOIA…….. Freedom of Information Act

HREC…….Historical Recognized Environmental Condition

IC…….. Institutional Control

LUST……..Leaking Underground Storage Tank

NPL……National Priority List

OAC……... Ohio Administrative Code

ODNR…… Ohio Department of Natural Resources

PANDEY…... PANDEY Environmental, LLC

PCB……Poly-chlorinated Biphenyl

RCRA…… Resource Conservation and Recovery Act

REC……Recognized Environmental Condition

TPH…….Total Petroleum Hydrocarbon

USGS……. United States Geological Survey

UST……Underground Storage Tank

USC……United States Code

1.0 INTRODUCTION

PANDEY Environmental, LLC (PANDEY) performed a Phase I Property Assessment following Ohio Environmental Protection Agency's Voluntary Action Program (OEPA-VAP) standards for the properties located at 921-925 & 941-945 Ferndale Place in Bexley, Ohio 43209 (hereafter referred to as the subject property). This assessment was performed on behalf of the City of Bexley.

1.1 General and Purpose

PANDEY Environmental, LLC (PANDEY) was retained by the City of Bexley to perform a Phase I Property Assessment following the Ohio EPA's Voluntary Action Program standards for the properties located at 921-925 & 941-945 Ferndale Place in Bexley, Ohio. This report has been prepared pursuant to the Ohio Administrative Code (OAC) Rule 3745-300-06, effective 6/26/2016 (Phase I Property Assessment for the Voluntary Action Program).

This Phase I Property Assessment was performed as part of the Voluntary Action conducted at the property. The purpose of this Phase I Property Assessment is to evaluate the subject property to determine if releases of hazardous substances and/or petroleum have occurred, are underlying, or are emanating from the property.

This Phase I Property Assessment report is not intended to wholly eliminate uncertainty regarding the potential for recognized environmental conditions or identified areas at the property. It is, instead, intended to provide a duly diligent inquiry that reduces uncertainty regarding the potential for recognized environmental conditions or identified areas at the subject property. The purpose of this Phase I Property Assessment is to evaluate the subject property for environmental conditions that would indicate a known or potential release of hazardous substances and/or petroleum. The conclusions of this report are based on reasonably ascertainable data in the public and/or private domain and are intended to present a general summary of environmental conditions that could affect the subject property.

The subject property for the purposes of the Phase I Property Assessment is defined as follows. It consists of two (2) distinct parcels. Figures 1, 2 and 3 depict the subject property of this Phase I Property Assessment. In addition, property records for the subject property are included in Appendix A.

Parcel I.D.	Acreage	Current Owner	Street Address (Per Auditor's Records)
020-004517	0.14	Bexley CIC	925 Ferndale Place
020-004514	0.15	Bexley CIC	941-945 Ferndale Place

The report format is designed to facilitate cross-referencing information within this report to various sections of the VAP Phase I rule. Table 1 summarizes the various report sections and the corresponding sections of OAC Rule 3745-300-06.

1.2 Contributing Professionals

PANDEY personnel contributing to the preparation of this Phase I report include the following:

PANDEY Personnel	
Atul Pandey, P.E.	Certified Professional #224
Nick Vallera	Environmental Scientist

PANDEY resumes are presented in Appendix M of this report.

1.3 Correlation to VAP Rules

The report format is designed to facilitate cross-referencing information within this report to various sections of the VAP Phase I rule. The following table summarizes the various report sections and the corresponding sections of OAC Rule 3745-300-06.

Table 1
Cross-Reference between the Report Table of Contents and the Corresponding Citations in Rule 3745-300-06, Effective Date 6/26/2016

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Report Section	Report Table of Contents	OAC Rule 3745-300-06 Citation
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1.4 Definition and Scope of Services

An environmental property assessment is a comprehensive approach to investigating site conditions and identifying existing and potential environmental issues. This assessment identifies the environmental condition of the subject property through background research, physical observation, interviews, and review of regulatory compliance. Every property does not warrant the same level of assessment. The appropriate level of inquiry undertaken by the environmental professional is guided by the type of property, judgment of the environmental professional, information developed during the assessment and client requirements.

The purpose of this Phase I Property Assessment is to present opinions pursuant to the process described in OAC Rule 3745-300-06, concerning the likely presence or absence of "identified areas" on the property. The term "identified areas" means the presence or likely presence of hazardous substances and/or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or other environmental media on the property. The term includes hazardous substances and/or petroleum products even under conditions currently in compliance with applicable laws. This term is not meant to 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 government agencies. Conditions determined to be "De Minimis" are not included in the concept of identified areas. These conditions may be discussed at the appropriate locations within this report, but are not included in the findings of this report.

This Phase I Property Assessment was performed in conformance with VAP standards for Phase I Property Assessments as presented in OAC Rule 3745-300-06, effective 6/26/2016 and included the following specific activities within the scope of services:

- Conducted a visual reconnaissance of the subject property and observation of adjoining parcels to visually ascertain the risk or likelihood of environmental contamination of the site soils or groundwater. The reconnaissance also included visual observations to evaluate whether Underground Storage Tanks (USTs), Aboveground Storage Tanks (ASTs) and transformers containing Polychlorinated Biphenyls (PCBs) existed on the subject property.
- Conducted a review of available geologic and hydrogeologic information for the subject property and its immediate vicinity.
- Conducted a site history review including reviewing the current and historical USGS topographic maps, historical aerial photographs, reasonably ascertainable property tax information from the County Auditor's office, available Sanborn Fire Insurance Maps, historic city directories and performed interviews with representatives of the current property owner or others knowledgeable about site operations.
- Conducted a review of reasonably ascertainable local, state, and federal databases for sites of known and suspected environmental contamination. This included a review of databases associated with registered USTs, Leaking Underground Storage Tank (LUST) sites, Resource Conservation and Recovery Information System (RCRIS), National Priority Lists (NPL) sites, Comprehensive Environmental Response Compensation and Liability System (CERCLIS) sites, No Further Remedial Action Plan (NFRAP) sites, Solid Waste Facilities, Emergency Response Notification System (ERNS) sites, and Spills sites.
- Inquired at the U.S. Environmental Protection Agency, Ohio Environmental Protection Agency, Ohio Bureau of Underground Storage Tank Regulations (BUSTR), local Health Department,

Ohio Department of Natural Resources, and/or the local Fire Department to identify whether the subject property or adjoining parcels have had past spills and/or releases of hazardous substances and/or petroleum. This inquiry also included investigation into whether USTs are currently present at the subject property or adjoining parcels and to identify whether these tanks, if any, have been reported as leaking.

- Reviewed all previous environmental information for the Property.
- Prepared a summary report documenting our assessment, our assessment findings and our evaluation of the risk for environmental contamination.

The following services are specifically excluded from the scope of services performed for this Phase I Property Assessment:

- Sampling and analysis of environmental media including soil, water, groundwater, waste materials, or biological pollutants.
- Indoor testing for radon gas or testing for indoor air quality.
- Testing for lead based paint or lead in drinking water.
- Sampling or testing of building materials.
- Measurement of quantities of waste, if any, at the subject property.
- Compliance audit of former or existing businesses at the subject property.
- Survey of property for the presence of jurisdictional wetlands, although a cursory examination during site reconnaissance may be performed.
- Check for oil/gas well records or mineral rights records.
- Industrial hygiene or health and safety audit at the property.
- Sampling and testing of asbestos containing materials, although a cursory visual examination of building materials for the presence of asbestos may be conducted during the site reconnaissance by the environmental professional.

1.5 Phase I Property Assessment Procedures

The procedures used in performing this Phase I Property Assessment are based on the requirements in the Ohio Administrative Code (OAC) Rule 3745-300-06, effective 6/26/2016 and the ASTM Standards on Environmental Site Assessments for Commercial Real Estate (E1527-13). They include:

- Acquisition and review of state and federal databases and records regarding the property ownership, use, and environmental compliance;
- Property inspection;
- Review of adjoining property's records and cursory inspection of these properties;
- Review of previous environmental assessment studies;
- Interviews with current and former occupants of the subject property;
- Review of geologic and hydrologic data from prior property investigations and public records.

2.0 SITE IDENTIFICATION

The subject property is situated in a commercial and residential area located on the west side of Bexley, Ohio. Located at 921-925 & 941-945 Ferndale Place, the subject property is comprised of two (2) parcels totaling approximately 0.29 acres. The two (2) addresses are not contiguous, but are being assessed together in this Phase I Assessment Report. The subject property was developed for residential use and has served as the location of apartments / multi-family housing for approximately 60 years. According to historical aerials, it appears that the subject property may have been the location of a landfill prior to being developed for residential use between 1957 and 1964. Owned by Bexley CIC, the subject property is currently the location of two apartment units / two multi-family residential buildings.

The property belongs to a complex of multi-family residences which are situated along Ferndale Place. Each residence contains a small driveway area for parking 2 cars. Small grass yards surround each residential building. The on-site buildings at 921-925 & 941-945 Ferndale Place, are two (2) stories in height and include a basement apartment unit and a 2nd story unit. The buildings are in decent to slightly poor condition. Noticeable cracks along the foundations are observed running across and up the buildings. The terrain surrounding each residential building is uneven and random, which indicates evidence of movement in the ground /foundation beneath the structures. Overhead powerlines and poles are located on the western side of the structures, running through the central grassy yard that is shared by the complex along Ferndale Place.

Please refer to the figures and site photographs for the location and site characteristics of the subject property. Section 5.0 of the report also contains information observed during the site reconnaissance.

2.1 Site Location

The subject property is situated in a mixed commercial and residential area located on the west side of Bexley, Ohio which is immediately east of the City of Columbus. Located at 921-925 & 941-945 Ferndale Place in Bexley, Ohio 43209; the subject property is further located within the United States

Geological Survey (USGS) 7.5 Minute Southeast Columbus quadrangle topographic map as shown in Figure 1.

2.2 Site Description

The following site description has been prepared based on a visual site reconnaissance conducted on March 2, 2018.

As mentioned in Section 2.0, the subject property is currently the location of two (2) multi-family residences. The subject property currently consists of multi-family residential units, including a parking area and surrounding yard / greenspace. Further characteristics of the subject property can be found in Section 4.2 of this report. A legal description of the subject property is included in Appendix A of this report along with property records.

2.3 Geologic and Hydrogeologic Review

A review of the Soil Survey of Franklin County was conducted utilizing the USDA Natural Resources Conservation Service website (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx). According to the Soil Survey, the subject property is located in an urban land complex. Specifically, 79.9% of the subject property is Cardington-Urban Land Complex, and approximately 20.1% is Bennington-Urban Land Complex. This indicates that nearly 100% of the predominant soil type has been disturbed and covered with an impervious layer consisting of buildings, streets, sidewalks and other structures.

The “Groundwater Resources Map of Franklin County” (James S. Schmidt, 1952) indicates that the subject property is located in an area in which “Very limited and often quite shallow glacial deposits of sand and gravel overlying shale bedrock of eroded ancestral drainage channel. Potential yields may not exceed 5 gallons per minute at depths of 15 to 35 feet.” A copy of the Groundwater Resources Map obtained from the Ohio Department of Natural Resources is presented in Appendix J of this report.

2.4 Adjoining Parcels

The subject property is bordered by predominantly residential properties with some commercial sites in Bexley, Ohio. Ferndale Place runs along the eastern side of the subject property. Multi-family buildings are located along Ferndale Place across (east) from the subject property and behind (west) the subject property. Adjacently north of the subject property is the Bexley Community Garden which is a public gardening space used for the community to grow fresh produce and plants. Adjacent to the community garden is currently vacant greenspace which is the future site of community soccer fields. Immediately south of the subject property are additional multi-family structures along Ferndale Place until it intersects with E. Livingston Avenue. Commercial sites line E. Livingston Avenue which is south of the subject property. Directly south of the subject property is Bexley Car Care, Making It Do, Inc. (auto repair), and Avenue Auto Repair. Addresses and property usages for the adjoining properties in the surrounding area are detailed in the City Directories provided in Appendix N of this report.

3.0 HISTORIC AND CURRENT USES OF THE PROPERTY

The earliest available record concerning the subject property is an aerial photograph from 1938. At that time, the subject property appeared to be the location of a landfill or dumping site based on the photograph. No structures were observed on the property and Ferndale Place along with the adjacent street, Mayfield Place, did not exist prior to the late 1950s to early 1960s. The earliest record showing structures on the subject property is from an aerial photograph taken in 1964, which shows multi-family residences developed in their current configuration. The property since then has appeared to contain the same multi-family buildings in a row along Ferndale Place. According to historical records, between 1964 and 2011, the subject property has remained the location of multi-family residences with residential properties adjacently north, east, and west.

The following sources of information were used to establish the history of the subject property:

3.1 USGS Topographic Map Review

Available USGS Topographic Maps for the Columbus, Ohio quadrangle for the years 1900, 1912, 1925, 1940, 1943, 1955, 1964, 1973, 1985, 1994, and 2013 were reviewed as provided by Environmental Data Resources, Inc. (EDR). The subject property is shown as being located within an area that is shaded red on maps from 1964 through 1994 which represents urban development and high density areas. However, the maps from 1900 to 1955 show no signs of development at the subject property. Alum Creek is observed approximately 0.12 miles directly west of the subject property. No individual buildings or structures are shown on the 2013 map.

The maps show the subject property as having an average elevation of approximately 759 feet above mean sea level. Elevations dip and are uneven across the subject property. The dips and inconsistent elevation changes observed across the site are evidence of subsurface settling and movement. Every topographical map shows Alum Creek located approximately 0.12 miles west of the subject property. All topographical maps also show E. Livingston Avenue running across the southern side of the subject property. Groundwater flow is expected to flow towards the west to southwest based on topography

towards Alum Creek. However, variations in groundwater flow directions are expected seasonally and at varying depths. Copies of the topographic maps are included in Appendix B of this report.

3.2 Aerial Photographs Review

Available historical aerial photographs for the years 1938, 1950, 1957, 1964, 1972, 1983, 1988, 1994, 2000, 2006, and 2011 were reviewed as provided by EDR. The aerial photographs are included in Appendix C of this report.

1938 Photograph

The 1938 photograph shows the subject property as heavily disturbed. A road enters the subject property from the north side of E. Livingston Avenue which then branches off into multiple access routes. Each access route appears to lead to a large overarching area of disturbed land. This disturbance and the pattern of access roads is consistent with historical areas of dumping or landfills. Adjacently east of the subject property area are residential homes, and to the north is farmland and vacant fields. A disturbance of a large area of land, similar to that observed on the subject property, is seen on the south side of E. Livingston Avenue as well.

1950 Aerial Photograph

The 1950 photograph shows the subject property as a vacant area covered with trees and vegetation. The land disturbance observed in the previous aerial is now covered up and has grown over with grass and trees. No structures are located on the subject property. Surrounding sites appear to be the same as observed in the 1938 aerial. It should be noted that the large disturbed area south of E. Livingston Avenue (south of the property) is also overgrown and similar in its appearance to the subject property. It appears that whatever operations or disturbance occurred at the property were also occurring south of E. Livingston Avenue based on the 1938 and 1950 aerial photograph.

1957 Aerial Photograph

The subject property appears similar to the 1950 aerial, although it is more overgrown with trees and vegetation. Immediately south of the property, development has begun to occupy E. Livingston Avenue. Adjacently east of the property are residential homes, and to the north are vacant fields. Alum Creek is observed approximately 0.12 miles west as well.

1964 Aerial Photograph

The subject property is developed in this aerial photograph. The property appears to be a complex of uniformly constructed multi-family residences / apartments. Ferndale Place and Mayfield Place (the street adjacently west) are both developed and form a loop that intersects with E. Livingston Avenue. The complexes of multi-family residences / apartments occupy the entire loop around Ferndale Place and Mayfield Place. Adjacently west of the complex are additional apartment buildings. To the south along E. Livingston Avenue are commercial facilities, to the east are still single-family residential homes, and to the north is a vacant field area.

1972 Aerial Photograph

The 1972 photograph shows no significant changes from the 1964 photograph.

1983 Aerial Photograph

The 1983 photograph shows no significant changes from the 1972 photograph with the exception of the area north of the subject property. This area still contains a vacant, grassy field. However, immediately north of this field is now an apartment complex and associated parking lot.

1988 Aerial Photograph

The 1988 photograph shows no significant changes from the 1983 photograph. The subject property still contains the same multi-family residences / apartments. Adjacently west are additional multi-family structures and apartments. To the north is still a vacant, overgrown field, to the east are residences, and to the south along E. Livingston Avenue, are commercial facilities.

1994 Aerial Photograph

In the 1994 photograph, there is no significant change to the subject property or adjacent sites compared to the 1988 photograph.

2000 Aerial Photograph

The 2000 photograph shows no significant changes from the 1994 photograph.

2006 Aerial Photograph

The 2006 photograph shows no significant changes from the 2000 photograph.

2011 Aerial Photograph

The 2011 photograph shows no significant change from the 2006 photograph. However, the vacant, grassy field adjacently north appears to be actively utilized as a garden based on symmetrical rows of planting beds observed in the aerial.

In addition, Google Earth™ satellite imagery for 1994, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2014, 2015, 2016 and 2018 was reviewed. No significant changes to the property were observed other than the preceding discussion.

3.3 Sanborn Fire Insurance Map Review

The scope of services for this Phase I Environmental Site Assessment included obtaining and reviewing copies of available Sanborn Fire Insurance Maps for the subject property and surrounding area. These maps are generally available for industrial and heavily developed commercial areas and document any building structures present. In addition, they record underground and aboveground storage tank locations and a name or description of property tenants. However, EDR's search of the subject property did not identify any Sanborn Fire Insurance Maps in the area of the subject property. Therefore, no Sanborn maps were made available to review. A copy of the No Coverage letter is provided in Appendix D.

3.4 Deed Records

Review of the available deed records provided online by the Franklin County Recorder indicates that the subject property is owned by Bexley CIC (The City of Bexley). No environmental entries/restrictions associated with the subject property were identified.

Deeds and titles identified are listed in the table below.

Owner	Year Purchased
Parcel 020-004517 (925 Ferndale Place)	
BCIC	January 2018
Thomas L Quentus, Deborah Aubert-Thomas	July 2013
Parkway Horizons, Inc.	January 2008
Bernard and Shari Nutter	October 2006
Henry Schwarz	July 1988
Gary Peterson	February 1988
Diane and Gary Peterson	December 1986
Ron Hanson	March 1983
Thomas Binns	February 1981

Paul Bowser	November 1980
John Garprell	August 1977
Max Hahn	December 1976
Thomas and Elizabeth Minch	December 1975
Harold and Regene Schottenstenstein	December 1965
Friedman, Deems & Associates & Irving Baker	April 1963
Friedman, Deems & Associates & Irving Baker	July 1962
Friedman, Deems & Associates, Inc.	July 1962
Jospeh Eisenberg	July 1958

Owner	**Year Purchased**
Parcels 020-004514 (941-945 Ferndale Place)	
BCIC	January 2018
Thomas L Quentus, Deborah Aubert-Thomas	July 2013
Parkway Horizons, Inc.	January 2008
Bernard and Shari Nutter	October 2006
Henry Schwarz	July 1988
Henry and Candis Schwarz	March 1987
Steven Smith	May 1979
James and Dorothy Torrence	April 1979
Max Hahn	August 1977
John Gartrell	August 1977
Max Hahn	December 1976
Thomas and Elizabeth Minch	December 1975
Harold and Regene Schottenstein	December 1965
Friedman, Deems & Associates, Irving Baker	April 1963
Friedman, Deems & Associates, Irving Baker	July 1962
Friedman and Deems & Associates, Inc.	July 1962

Joseph Eisenberg	July 1958

3.5 Franklin County Auditor's Office

Online property records provided by the Franklin County Auditor's office identify the subject property as parcels 020-004517 (925 Ferndale Place) and 020-004514 (941-945 Ferndale Place). The identified parcels are owned by the Bexley Community Improvement Corporation (BCIC). Prior ownership of the identified parcels is listed in the previous section (Section 3.4). Appendix A contains copies of the property records identified for the subject property.

3.6 Interviews

PANDEY interviewed Mr. Jason Torsok during the March 2, 2018 site reconnaissance. Mr. Torsok is the Vice President of Stanin Capital & Alynata Properties, which is the current property management firm for the residences on the subject property. Mr. Torsok told PANDEY that although they manage the properties, he has just recently taken control of the units within the past few months and his knowledge of the site is limited. He informed PANDEY that each building was identical in construction, layout and size. Each individual building contains two (2) residential units, one on the 2nd story, and one in the basement. The 1st story of each building includes a common area / stairwell landing which then splits to going up to the 2nd story unit or down to the basement unit. No unit / living space is located on the 1st story. However, Mr. Torsok had no knowledge of the history of the subject property or former activities that may have occurred at the site. No other interviews were conducted as part of this Phase I assessment.

3.7 City Directory Review

The scope of services for this Phase I Environmental Site Assessment included obtaining and reviewing copies of available City Directories for the subject property and surrounding area. Haines directories from 2002; Ohio Bell directories from 1985 and 1992; EDR Digital Archive directories from 2005, 2010

and 2014; and R.L. Polk & Co. directories from 1923, 1927, 1932, 1937, 1942, 1947, 1952, 1956, 1957, 1960, 1962, 1965, 1971, 1976, and 1981 were reviewed as provided by EDR.

According to county auditor records, the subject property maintains the addresses of 921-925 & 941-945 Ferndale Place, although some variation in street addresses is present in the directories.

A summary of city directory findings regarding the subject property are as follows:

921 Ferndale Place

- 2002: A Bonilla, Came & Nickerson, Cory
- 1992: Johnson, Sharon & Martin, Wm J.
- 1985: Jobin, Daniel

925 Ferndale Place

- 2002: Schwarz, Henry

941 Ferndale Place

- 2002: Schwarz, Henry

945 Ferndale Place

- 2002: XXX
- 1985: Lesimer, Joe & Leisring, Joseph & Liggins, T.

No potential environmental concerns were identified with the uses of the subject property from the above listings. According to the city directories reviewed, the subject property appears to have been solely used for residences since its development.

Adjacent property concerns identified in the city directories include Bexley Car Care, Tuffy Auto Services, Haynes Towing and Make It Do, Inc. (Auto Repair).

A summary of available city directories is provided in Appendix E.

4.0 RECORDS REVIEW

4.1 Previous Environmental Assessments & Documents

Previous environmental assessments were made available to PANDEY in February 2018, regarding the subject property and its immediate vicinity. A summary of the previous environmental assessments is provided below along with a summary of site sampling, changes, and events that have occurred at the subject property since the previous assessments were performed.

4.1.1 H.C. Nutting Company – January 2003

A Geotechnical Study was performed by H.C. Nutting Company (HCN) in January 2003. This geotechnical study was performed immediately north and west of the subject property at the dead end drive of Mayfield Place and Ferndale Place. The purpose of the report was to characterize the subsurface conditions across the site for the City of Bexley who was considering constructing a public service facility / nursery (which is currently the location of the Community Garden). The study included the installation of eleven (11) borings (labeled B-1 through B-11) and laboratory testing for geotechnical parameters.

The eleven (11) borings were installed to varying depths across the site ranging from approximately twenty-one (21) to forty-one (41) feet below ground surface (bgs). The borings revealed uncontrolled, random fill across the site. The fill included brick fragments, glass fragments, cinders, asphalt, gravel, wood fragments, and debris consistent with past landfilling operations. According to a table provided in the report, the uncontrolled fill material was encountered from depths ranging from approximately 7.5 to 20 feet bgs in different locations across the site. The fill consisted of both cohesive (i.e. clays and silty clays) and granular (i.e. sands) soils. Additionally, groundwater readings were recorded in the borings after letting them sit open for a period of 24-hours. Groundwater readings ranged from approximately ten (10) to thirteen (13) feet bgs and were only observed in four (4) of the eleven (11) bores. The groundwater was observed in granular deposits and likely is hydraulically connect to the nearby Alum Creek. Conclusions of the report stated that thick deposits of uncontrolled fill exist across the site and

described that there was a certain level of risk developing on such deposits. Risks of developing structures on such deposits would include long-term subsidence, settlement and surficial cracking of building foundations, floor slabs and parking areas. H.C. Nutting Co.'s description of risks associated with developing what appeared to be a former landfill area is consistent with conditions observed at the subject property during PANDEY's March 2, 2018 site reconnaissance.

Please refer to Appendix O for a copy of the HCN 2003 investigation.

4.1.2 H.C. Nutting Company Phase I ESA – February 2003

H.C. Nutting Co. (HCN) performed a Phase I Environmental Site Assessment on the property immediately north of the subject property in February 2003. This investigation was performed directly after issuance of their Geotechnical Study, which is summarized in Section 4.1.1. The Phase I report was performed in conformance with the scope and limitations of ASTM E 1527-00 for the 1.75-acre property located on the north side of the adjoining Mayfield Place and Ferndale Place roads (immediately north of the subject property).

Review of historical documents showed no development or use of the site. However, HCN did note that on a 1938 aerial photograph there appeared to be evidence of filling or dumping. Additionally, HCN interviewed Ms. Dorothy Prichard, who was an Administrator for the City of Bexley at the time of this report (February 2003). Ms. Prichard stated that she was aware the site had been used as a landfill by the City of Bexley in the 1940s or 1950s. However, she did not recall what type of landfill it was (industrial, municipal, etc.). She also noted that during the installation of water lines along Mayfield Place (when it was being developed) that excavators encountered glass bottles and waste.

Conclusions of the Phase I ESA did not identify any evidence of USTs, PCBs or hazardous wastes or substances. However, the report concluded that based on the 1938 aerial photograph, and interview with Ms. Prichard, that the site was utilized as a landfill for an unknown number of years prior to 1950. Based on information obtained from HCN's interview with Ms. Prichard, it is believed that the landfill was utilized for residential waste only. Based on the age of the landfill and glass bottles / fragments being

observed during HCN's January 2003 Geotechnical study, it was determined by HCN that the glass was leaded and likely had leached into the subsurface soils. HCN recommended submitting samples collected during their Geotechnical study for laboratory analysis of RCRA-Metals.

Please refer to Appendix O for a copy of the HCN 2003 investigation.

4.1.3 Stone Environmental Phase I and Phase II ESA – May 2007

A Phase I and Phase II ESA was performed by Stone Environmental (Stone) in May 2007. The Phase I report was performed in conformance with the scope and limitations of ASTM E 1527-05 for parcels 020-000157 and 0202-003693. The two (2) parcels were located adjacently west of Sheridan Avenue, immediately north of the subject property. At the time of this report, the two (2) parcels were vacant, wooded lots. Findings of the Phase I report noted that the subject property was utilized as a landfill prior to the 1950s, which was based on evidence from a 1938 aerial photograph and results of soil samples collected across the site. Household trash and debris was observed on the southeastern portion of the property.

The Phase II investigation was performed in conformance with the scope and limitations of ASTM E 1903-97 (2002). The Phase II investigation included the installation of five (5) soil borings via a Geoprobe drill rig. Soil borings were installed to final depths ranging from twelve (12) to twenty-four (24) feet bgs. Soils observed across the site included unnatural materials including glass, cinders, rotting wood, roots, and brick fragments to depths of approximately eight (8) feet bgs. Groundwater was encountered from approximately twelve (12) to eighteen (18) feet bgs. Six (6) soil samples were collected and submitted for laboratory analysis of RCRA-Metals and Volatile Organic Compounds (VOCs). Results of the soil sampling revealed that all six (6) soil samples exceeded the designated US EPA Region 9 Preliminary Remediation Goal (US EPA PRG) action level for arsenic. Four (4) of the soils samples also exceeded the Ohio EPA VAP Clean-up level for residential properties for arsenic. Additionally, two (2) soil samples exceeded VAP designated action levels for lead. The detections were determined to be the likely result of leaching of household trash, debris and glass from former landfill operations at the site. No detections of VOCs were observed in any of the soil samples. Two (2)

groundwater samples were collected from temporary one-inch wells which were screened from ten (10) to fifteen (15) feet bgs. One of the groundwater samples detected an exceedance of Cadmium compared to the VAP designated action levels. Based on the findings of the Phase I and Phase II report, Stone Environmental concluded that it appeared that former landfill operations had impacted the site.

Please refer to Appendix O for a copy of the Stone 2007 Phase I and Phase II investigations.

4.1.4 Burgess & Niple Limited Phase II – September 2016

Burgess & Niple (B&N) prepared a Limited Phase II Site Investigation for the vacant greenspace property located immediately north of the subject property and south of Charles Street, in September 2016. The Limited Phase II report, dated September 26, 2016, included the installation of twenty-five (25) soil borings and submittal of soil samples to ALS – Cincinnati (an Ohio EPA VAP Certified Lab) for analysis of Heavy Metals (including Arsenic, Lead and Cadmium), VOCs, and Polynuclear Aromatic Hydrocarbons (PAHs). Soils sampled across the site consisted of brown to gray silty sands and gravel. Some fill was encountered as well on the eastern-central portion of the site. Fill materials included the observation of brick, cinders, and glass fragments. Results of the soil sampling indicated exceedances of VAP residential land use standards for arsenic, lead, benzo(a)pyrene and dibenzo(a,h)anthracene. The anticipated future use of the site was a recreational area / park. It was recommended by B&N that the top two (2) feet of soils be excavated / removed from the site, and replaced with clean fill prior to developing the site as a park.

As of March 2018, this site was currently undergoing remedial activities, including removal of the top two (2) feet of soils, and replacing them with clean, hard fill. The site is anticipated to serve as soccer fields for the surrounding community once remedial activities are completed.

Please refer to Appendix O for a copy of the B&N 2016 investigation.

4.1.5 Geotechnical Consultants Inc. – December 2017

Geotechnical Consultants Inc. (GCI) prepared a Phase II Site Investigation for the City of Bexley's Mayfield Place and Ferndale Place properties in December, 2017. The site included the area of the subject property and surrounding parcels. The Phase II report, dated December 27, 2017, identified contamination in the soils across the property, particularly in the form of metals.

A total of sixteen (16) soil borings were installed across the site, including four (4) borings which were installed on the subject property of this report (GCI borings EB-13 through EB-16). The soil borings ranged from ten (10) to twenty-four (24) feet bgs, and included the presence of fill materials (brick, glass, wood, slag, organics, concrete, etc.). GCI utilized a photoionization detector (PID) to screen the soils in two (2) foot intervals from soil borings EB-13 though EB-16, which were located on the current subject property (along Ferndale place). Results of the PID screening shows a maximum detection of 0.4 ppm, which does not indicate the presence of significant VOC concentrations in the soils. However, soil samples from across the investigated site were collected and submitted for laboratory analysis of VAP Metals, and PAHs. Specifically, the samples (EB-13 through EB-16) located on the current subject property were submitted for analysis of VAP Metals. Groundwater grab samples were collected from twelve (12) of the sixteen (16) installed borings as well and submitted for analysis of VAP metals and PAHs. However, none of the groundwater grab samples were collected from borings EB-13 through EB-16 which were located on the current subject property.

Results of the soil sampling indicated that soils across the site exceeded the applicable VAP residential direct contact standards for Arsenic and Lead, as well as some PAHs, including Benzo(a)pyrene. Specifically, results from samples EB-13 through EB-16, located on the current subject property, detected Arsenic, Lead and Benzo(a)pyrene above the respective VAP residential soil standards.

Results of the groundwater grab samples collected from the areas directly east, west and north of the current subject property indicated that groundwater across exceeded the applicable VAP Groundwater Unrestricted Potable Use Standards (GUPUS) for multiple metals including: Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Vanadium, Zinc, Antimony, Arsenic and

Mercury. However, it should be noted that since the groundwater samples were collected as grab samples from open boreholes, there was high turbidity in the collected groundwater samples from the unavoidable entrainment of soil particles which could have significantly impacted the sampling results.

Please refer to Appendix O for a copy of the GCI 2017 investigation.

4.2 Site Inspection

A visual site inspection of the subject property was conducted by Mr. Atul Pandey, P.E., VAP Certified Professional, and Mr. Nick Vallera on March 2, 2018. Jason Torsok, Vice President of Operations for the property Management Company, and Mr. Frank Reed Jr., Esq. representing the City of Bexley, accompanied PANDEY during the site inspection.

The purpose of this site inspection was to visually ascertain the risk or likelihood of environmental contamination at the site. The site reconnaissance included visual observations of the subject property and adjacent properties. Photographs from the site reconnaissance are included in Appendix L of this report. The following is a summary of observations made during the site inspection.

Currently, the property consists of two multi-residence buildings. One building is located on each of the subject property's two (2) parcels. Each building contains two (2) residential units, a 2nd story unit (Unit B), and a basement / garden unit (Unit A). The 1st story of the buildings contains a shared landing space with a stairwell leading to Units A and B. No living space exists on the 1st floor of the buildings. The residences are surrounded by identical complexes, which were built at the same time (according to historical documents reviewed and described in Section 3.0.). Each building has an exterior driveway with room for two (2) cars to park and a retaining wall that surrounds the parking area. Visual observations of large cracks, uneven pavement, fractured foundations, and cracks going up the sides and backs of the buildings on each parcel were made. The terrain surrounding the subject property, along with the adjacent multi-family units, was inconsistent and uneven. The topography around the on-site buildings and visual observations of structural damage on the buildings themselves are evident of

subsurface settlement / movement. This type of subsurface settlement is consistent with past use of the subject property as a former landfill / dump site.

The two buildings on the subject property were identical in setup, size and construction. Upon entering the buildings, a staircase was encountered which could either be taken to the 2nd story unit or down to the basement unit. A small landing and closet / storage area was located on the basement floor of each building, adjacent to the Unit A entryways. Each residential unit contained wood panel and laminate flooring. The units appeared to be in somewhat poor condition. Staining, cracks around the floor trim / paneling and patched cracks in the walls were observed.

Immediately north of the subject property is the Bexley Community Garden which was in dormant winter condition. The dead-end of the street where Ferndale Place and Mayfield Place connect was in poor shape with large potholes, cracked asphalt and leaning power lines. These are signs of subsurface movement / settling. Adjacently northwest of the subject property (directly west of the Community Garden), was a site undergoing remedial activities. This site is currently undergoing remedial activities which include removing the top 2' of soil, and replacing the removed soil with clean, hard fill. The anticipated end use of this vacant land is for a park / community soccer fields although construction fences and equipment were currently staged at the site. Adjacently east of the subject property are additional multi-family residences which are identical in construction to those on the subject property. Adjacently west of the property are additional multi-family units which are also identical to those on the subject property. A shared greenspace / backyard is located between the subject property and the buildings directly west (along Mayfield Place). The shared greenspace / yard has uneven topography and dips which are consistent with signs of subsurface settling / movement. A set of overhead electrical lines run through the greenspace along the western boundary of the subject property. South of the subject property are additional residences before Ferndale Place encounters E. Livingston Avenue. E. Livingstone Avenue is predominantly lined with commercial facilities, including auto repair shops and fast food restaurants in the vicinity immediately south of the subject property.

No evidence of an Underground Storage Tank (UST), Aboveground Storage Tank (AST) or transformer containing Polychlorinated Biphenyls (PCBs), or existing wells was noted at the subject property during

site inspection or at any point during the records review that included aerial photographs, Sanborn Fire Insurance Maps, topographic maps, Bureau of Underground Storage Tank Regulations (BUSTR) files, and the environmental database report. Additionally, no evidence of potential asbestos containing building material was observed during the site inspection.

No sewers or drains were observed at the subject property. All runoff is diverted to the street (Ferndale Place) and drains to the south towards E. Livingston Avenue.

No areas of distressed vegetation were noted around the two (2) on-site buildings at the subject property.

No areas of stained soil that may be indicative of a significant release of petroleum and/or hazardous materials onto or off the subject property was observed.

Visual observations did not identify any surface water features including lagoons, ponds or other bodies of water at the subject property.

5.0 ENVIRONMENTAL DATABASE REVIEW

A search of available environmental regulatory databases was conducted utilizing Environmental Data Resources, Inc. (EDR, 6 Armstrong Road, 4th Floor, Shelton, CT 06484, 1-800-352-0050, www.edrnet.com) to identify properties of known and/or suspected environmental contamination within the appropriate VAP search radii for each database. The EDR report contains data from the United States Environmental Protection Agency, the Ohio Environmental Protection Agency, and other sources. A copy of the EDR database search results is presented in Appendix E of this report. Table 2 lists the subject property's listing, if any, on different environmental databases.

Table 2
Summary of the Subject Property's
Regulatory Status on Different Environmental Databases

Record/Database Searched*	Is Property Identified/Listed In the Record/Database
1.0 U.S. EPA Data	
NPL	**NO**
Delisted NPL	**NO**
CERCLIS	**NO**
ERNS	**NO**
CORRACTS	**NO**
RCRIS TSD	**NO**
RCRIS-SQG	**NO**
RCRIS-LQG	**NO**
MLTS	**NO**
PADS	**NO**
FINDS	**NO**
TRIS	**NO**
DERR	**NO**
2.0 Ohio EPA and Department of Commerce Databases	
UST	**NO**
LUST	**NO**
SHWS	**NO**
SWF/LF	**NO**
SPILLS	**NO**
NPDES	**NO**

U.S. EPA Databases	
NPL	National Priority List
Delisted NPL	Delisted NPL Sites
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
ERNS	Emergency Response Notification System
CORRACTS	Corrective Action Report System
RCRIS-TSD	Resource Conservation and Recovery Information System for Treatment, Storage and Disposal Facilities
RCRIS-SQG	RCRIS - Small Quantity Generator
RCRIS-LQG	RCRIS - Large Quantity Generator
MLTS	Material Licensing Tracking System
PADS	PCB Activity Database
FINDS	Facility Index System/Facility Registry System
TRIS	Toxic Chemical Release Inventory System

Ohio EPA and Department of Commerce Databases	
UST	Underground Storage Tank File
LUST	Leaking UST File
SHWS	Master Sites List
SWF/LF	Licensed Solid Waste Facilities
SPILLS	Emergency Response Database (Reported incidents, spills or releases to the environment)
NPDES	National Pollution Discharge Elimination System

Subject Property Listings

The subject property was not listed on any of the searched databases. However, evidence of the site being part of a former landfill / dumping operation was observed in the 1938 aerial map, and is supported by previous environmental investigations of adjacent properties described in Section 4.1.

NPL Sites

The National Priorities List (NPL) is an EPA produced database of CERCLA sites that have been assessed as sufficiently harmful to human health and/or the environment to warrant clean-up under the superfund program. No sites were identified in the NPL database within one (1) mile of the subject property.

CERCLIS Sites

The U.S. EPA provides a database of potentially hazardous waste sites known as the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. This database is a compiled list of the EPA and the State of Ohio potential uncontrolled waste sites which may pose a threat to human health and the environment. No sites were identified in the CERCLIS database within 0.5 miles of the subject property.

CERC-NFRAP Sites

The No Further Remedial Action Plan (NFRAP) list contains information pertaining to sites which have been removed from the Federal EPA's CERCLIS database. NFRAP sites may be sites where following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. No sites were identified in the CERCLIS-NFRAP database within 0.5 miles of the subject property.

RCRIS-TSD Facilities

The Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage and Disposal (TSD) facilities report refers to facilities which treat, store, or dispose of EPA regulated hazardous waste. No sites were identified in the RCRIS-TSD database within 0.5 miles of the subject property.

RCRA-LQG Facilities

A RCRIS-LQG is defined as a facility which has produced or is currently producing over 1,000 kilograms per month of hazardous waste. The RCRA database is a listing of all facilities that are required to register their hazardous waste activity for tracking purposes and are not necessarily sites with reported violations. No sites were identified in the RCRA-LQG database within 0.5 miles of the subject property.

RCRA-SQG Facilities

A RCRIS-SQG is defined as a facility which has produced or is currently producing less than 1,000 kilograms per month of hazardous waste. The RCRA database is a listing of all facilities that are required to register their hazardous waste activity for tracking purposes and are not necessarily sites with reported violations. Three (3) RCRA-SQG sites were identified within 0.5 mile of the subject property. The nearest site is the Fine Line Auto Body Inc. which 0.42 miles northwest of the subject property at 2071 Payne Avenue. Fine Line Auto Body generates ignitable waste, as well as Methyl Ethyl Ketone (MEK), and spent non-halogenated solvents, including Xylenes. Fine Line Auto Body is located on the opposite side of Alum Creek relative to the subject property. General Theming Contractors is located approximately 0.43 miles west of the subject property on the opposite side of Alum Creek as well. Based on its distance and proximity to the subject property, along with Alum Creek providing a hydrogeological boundary, it is not anticipated that either of these sites would impact the subject property. The third (3) listing included Capital University which is located 0.46 miles north of the subject property. Capital University is listed as handling and generating ignitable waste, corrosive waste and reactive waste. However, it is a significant distance away (almost half a mile) from the subject property and, therefore, is not anticipated to impact the subject property.

RCRA-CESQG

Conditionally exempt small quantity generators generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Six (6) sites were identified in this database within 0.5 miles of the subject property. BP Oil Co. and Starvin Marvin #5194 are the nearest sites located approximately 0.084 miles southwest and 0.1 miles southeast of the subject property, respectively. Both sites are located along E. Livingston Avenue. The other sites are greater than 0.1 miles from the subject property in all directions, and located on the other side of Alum Creek. Alum Creek acts as a topographical low point where groundwater in the area flows towards and enters. Once entering Alum Creek, water flows towards the Scioto River which Alum Creek is a tributary of. Thus, Alum Creek acts as a hydrogeological barrier for sites located on the west side of the creek relative to the subject property. Based on the significant distance between these sites and the subject property, Alum Creek acting as a

hydrogeological barrier, and the anticipated groundwater flow direction towards the west / southwest, none of these RCRA-CESQG sites are anticipated to impact the subject property.

RCRA-NONGEN Facilities

Non-Generators do not presently generate hazardous waste. The RCRA database is a listing of all facilities that are required to register their hazardous waste activity for tracking purposes and are not necessarily sites with reported violations. Five (5) RCRA sites were identified within 1/2 mile of the subject property. The closest site belongs to Rich Oil No. 3752 site located at 1001 Alum Creek Drive, due west of the subject property. This site located approximately 0.28 miles west of the subject property on the opposite side of Alum Creek, along with all four (4) other RCRA-NONGEN listings. This site, along with the additional RCRA-NONGEN sites identified, is a sufficient distance from the subject property and, therefore, is not anticipated to impact the subject property.

Federal Institutional and Engineering Controls Registries

The engineering controls sites list (US ENG CONTROLS) is a listing maintained by US EPA of sites with engineering controls in place. The institutional controls sites list (US INST CONTROL) is a listing maintained by US EPA of sites with institutional controls in place. No sites were identified in these databases within 0.5 miles of the subject property.

RCRIS Corrective Action Sites

The RCRIS Corrective Action Sites List (CORRACTS) identifies hazardous waste treatment, storage, and disposal facilities which have conducted or are currently conducting a corrective action as regulated under the Resource Conservation and Recovery Act. No sites were identified in the CORRACTS database within one (1) mile of the subject property.

DERR Sites

The DERR database is an index of sites for which Ohio EPA maintains files. It includes sites with known or suspected contamination, but a site's inclusion in the database does not mean that it is now or has ever been contaminated. Three (3) DERR sites were located within approximately one (1) mile of the subject property. The nearest DERR site identified is the Alum Creek GI site located 0.2 miles northwest of the subject property along the banks of Alum Creek. The other two (2) listings are located greater than 0.4 miles west of the subject property, across Alum Creek. Based on the groundwater flow direction, distance relative to the subject property, and proximity to Alum Creek which acts as a hydrogeological barrier between some of the listings, none of the above listings are anticipated to impact the subject property.

ERNS Sites

The Emergency Response Notification System (ERNS) is a national computer database system that is used to store information on the sudden and/or accidental releases of hazardous substances and/or petroleum into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the party responsible. Two (2) site was identified in the ERNS database within approximately 0.5 mile of the subject property. Both ERNS listings were located at a distance of approximately 0.4 miles from the subject property to the northwest and southwest. Both listings were also located on the opposite side of Alum Creek relative to the subject property. Therefore, based on the sufficient distance from the site, and Alum Creek acting as a hydrogeological barrier, neither of these sites is anticipated to impact the subject property.

LUST Sites

The Bureau of Underground Storage Tank Regulations (BUSTR) Ohio Department of Commerce provides a list containing an inventory of reported Leaking Underground Storage Tank (LUST) incidents within the State of Ohio. Review of the EDR report identified twelve (12) LUST listings within approximately 0.5 miles of the subject property. All twelve (12) sites identified have a NFA status. The

closest site listed includes the Livingston Ave BP station located 0.06 miles southwest of the subject property which was granted NFA status in 2016. However, given that all identified facilities are noted as having a NFA status and removal of tanks, none of the listed sites are anticipated to impact the subject property.

Registered UST Sites

The Bureau of Underground Storage Tank Regulations (BUSTR), Ohio Department of Commerce provides a list of registered USTs located within the State of Ohio. Thirteen (13) sites are located within 0.5 miles of the subject property. The nearest registered UST site is Muffler King Inc. located adjacently south of the subject property. This site is noted as having one (1) UST, which was removed in 1992. Four (4) of the thirteen (13) listed sites have had their USTs removed or closed in place. Other sites, including the gas station listings along E. Livingston Avenue are noted as still having tanks in use. However, the tanks are fiberglass reinforced plastic USTs, which are considered modern and reliable tanks. Based on the removal of USTs from some of the surrounding sites, the distance of ten (10) of the thirteen (13) sites being greater than 0.1 miles away from the subject property, and all listings being located in the anticipated downgradient groundwater flow direction of the subject property, none of the sites listed as having their USTs are anticipated to impact the subject property.

Archived UST Sites

The Bureau of Underground Storage Tank Regulations (BUSTR), Ohio Department of Commerce provides a list of USTs located within the State of Ohio that have been removed from the Underground Storage Tank (UST) database. Twelve (12) archived UST sites were identified within 0.5 miles of the subject property. All twelve (12) sites listed are exactly the same as the sites listed under the UST database discussed previously in this section. Based on this information, none of the listed sites are anticipated to impact the subject property. The closest listing to the subject property is the Muffler Kind, Inc. property which is noted as having its UST removed in 1992.

Solid Waste Facilities/Landfill Sites

The Ohio EPA provides a list of solid waste facilities/landfill sites. These records contain an inventory of solid waste disposal facilities or landfills in the State of Ohio. No sites were identified in these databases within 0.5 miles of the subject property. However, historical records described in Section 3.0 of this report and previous environmental investigation described in Section 4.1 of this report provide evidence that the subject property and immediately surrounding properties to the north, south and east were part of a landfill / dump site prior to the 1950s. It appears that this landfill was an unlicensed and unpermitted landfill.

Ohio Spills

The Ohio EPA provides a list of spills, incidents, or releases to the environment from the emergency response database. Review of the EDR report identified thirty-five (35) sites within 0.5 miles of the subject property. The nearest listing is the Muffler King, Inc. site, Sevrance Town Center Site, and MS Tina Swanger site which are all located adjacently to the south of the subject property along E. Livingston Avenue. The sites are listed as having a spill of motor oil and fuel oil #2, although no further details or amount are provided. Due to the nature of the spills recorded throughout all the listings, along with the distance of most listings relative to the subject property, none of the spill listings are expected to impact the subject property.

EDR Historical Cleaners

EDR searched national business directories and compiled a listing of potential dry cleaning sites. Four (4) historical dry cleaning sites were identified within 0.5 miles of the subject property. Scott Shirt Laundry and Mayfield Coin Operated Dry Cleaners were located along E. Livingstone Avenue approximately 0.05 miles southwest of the subject property. These are the closest listings to the subject property. The sites are noted as being utilized as dry cleaners from the late 1950's through the early 1970's. These sites are located approximately 260 feet south of the subject property. However, they are

located at a lower elevation and anticipated downgradient of groundwater flow from the subject property. Therefore, neither of these sites is anticipated to impact the subject property.

EDR Historical Auto Station

EDR searched national business directories and compiled a listing of potential gas/service station sites. Twenty-four (24) historical auto stations sites were identified within 0.5 miles of the subject property. Getreu Texaco Service, Webster Milo D and Burnside Sunoco Service Station are the closest historical sites to the subject property, all being located adjacently south of the subject property along E. Livingston Avenue. These sites are identified as being a historical auto repair and gas stations existing from the 1940s through present day. These sites are located south of the subject property, downgradient of groundwater flow. Based on distance and groundwater flow direction, it is not likely that these sites impacted the subject property. The other twenty-one (21) historical sites identified are located a sufficient distance away from the subject property or downgradient of the property as to not impact the subject property.

Unmapped Sites

EDR did not identify any sites that were unable to be located due to poor or inadequate address information.

6.0 REGULATORY AGENCY INQUIRY

An inquiry of federal and state regulatory agencies concerning current and past environmental compliance histories of the subject property was performed. Appendix F contains copies of these requests and any responses received. If additional responses are received following the date of this report, any environmentally significant information which impacts the report's findings will be forwarded to the Client under separate cover.

6.1 Columbus Fire Department

A Freedom of Information Act (FOIA) request was made via email to the Columbus Fire Department on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A response was received on March 2, 2018 indicating that no records were found on file for the subject property. A copy of the No Records Found letter is provided in Appendix F of this report.

6.2 Local Emergency Planning Committee (LEPC)

A FOIA request was made via email to the Franklin County LEPC on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A response was received on February 26, 2018 indicating that no records were found on file for the subject property. A copy of the No Records Found letter is provided in Appendix F of this report.

6.3 Columbus Department of Public Health

A FOIA request was made via email to the Columbus Department of Public Health on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A

response was received on February 26, 2018 indicating that no records were found on file for the subject property. A copy of the No Records Found letter is provided in Appendix F of this report.

6.4 Bureau of Underground Storage Tank Regulations

A FOIA request was submitted to Ms. Nancy Caldwell, Records Management Officer, via email at the Bureau of Underground Storage Tank Regulations (BUSTR) on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A response was received on February 26, 2018 indicating that no records were found on file for the subject property. A copy of the No Records Found letter is provided in Appendix F of this report.

6.5 United States Environmental Protection Agency

An electronic FOIA request was made to the U.S. EPA Region V office on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. At the time of issuance of this report, no response has been received from the US EPA. Should a response be received that contains information pertinent to the findings of this report, an addendum will be forwarded under separate cover.

6.6 Ohio EPA – Central District Office

A FOIA request was made via email to the Ohio EPA Central District Office on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A response was received on March 5, 2018 indicating that the Ohio EPA Division of Environmental Response and Revitalization (DERR) did not have any records on file for the subject property. However, the Municipal Solid Waste Landfills Program did have a document on file for the adjacent property directly north / northwest of the subject property. The document included letters addressed to the Ohio EPA from the

Mayor of the City of Bexley, and the Bexley Recreation and Parks Director indicating that the city was working to develop a new athletic field space on an old landfill that existed prior to 1950. The letters, dated June 2016, stated that the City believed the park development would be performed in a manner that would comply with requirements of Chapter 3734 of the Revised Code and would not affect safety or health or the environment. A copy of the Ohio EPA response and letters from the City of Bexley are provided in Appendix F of this report.

After reviewing the City of Bexley documents that the Ohio EPA provided us from the initial FOIA request, a follow-up request was sent. On March 6, 2018, PANDEY made an additional inquiry to the Ohio EPA – Central District Office for any records on file for the Bexley Athletic Fields Site (as it was labeled in the previous documents the EPA provided PANDEY) with the EPA's Division of Materials and Waste Management (DMWM). A response was received on March 9, 2018 indicating that DMWM in the OEPA – Central District Office did not have any records for the Bexley Athletic Fields property located adjacent to the subject property. However, a file was found in DMWM that contained correspondences regarding the Bexley Athletic Fields site.

The file included a series of correspondences between the Ohio EPA and the City of Bexley regarding the Athletic Fields site. The correspondences were dated December 2015, July 2016 and February 2018. The earliest correspondence included a summary letter prepared by Allan Hurt, District Engineer for the Ohio EPA. According to the letter, Mr. Hurt and Mr. Mike Price, Bexley Recreation and Parks Director, met at the site (located adjacently northwest of the subject property) on December 2, 2015 to discuss the City of Bexley's idea to develop athletic fields over the closed, unlicensed landfill. Mr. Hurt noted the property was approximately 4-acres in size and relatively flat. The City's plan included removing vegetation at the site, and adding soil to bring the site to grade for the development of two (2) soccer fields. No structures were planned to be built.

On December 14, 2015 Mr. Hurt addressed an email to Mr. Price summarizing different types of institutional controls that can apply to landfills, and provided Mr. Price with insight on how to go about developing the former landfill site. In order for the City of Bexley to move forward with the project and

obtain Rule 13 authorization, Mr. Hurt recommended that Mr. Price use specific answers in his Rule 13 request, for example:

1. Air Emissions – Dust control will be limited by reducing equipment speeds and keeping the soil moist by watering if necessary; 2. Control of Leachate – the landfill does not have a known leachate collection system. Leachate is not expected to be encountered; 3 Control of Surface Water Run-on and Run-off, the flat topography will reduce surface water run-on/run-off. If necessary silt fencing will be added around the perimeter to eliminate sedimentation run-off.

Mr. Hurt then requested a grading plan with elevations on and before construction of the athletic fields began. He also informed Mr. Price that he would need to file a Notice of Intent (NOI) prior to development activities, and obtain a surface water permit for the Surface Water Pollution Protection Plan (SWPPP).

The next document in the file included a Field Activity Report from December 22, 2015. According to the report, Mr. Hurt and Mr. Phil Farnlacher of the Ohio EPA, visited the Bexley Athletic Fields site to test for methane gas. The purpose of testing for methane gas at the former landfill site was to determine if the Ohio EPA needed to be concerned with landfill gas migration prior to the City of Bexley developing the site. Mr. Hurt and Mr. Farnlacher chose 5 locations across the site, and drove a plunger bar approximately 3’ into the ground. They then sampled the air in the shallow subsurface at the five (5) locations. Results showed that no methane gas was detected. The Ohio EPA employees determined that based on the sampling, it did not appear that any methane gas was being produced at the former landfill site. Therefore, they stated that no methane gas migration issues should be encountered if work was to be done at the site by the City of Bexley.

On July 6th-7th, 2016, Mr. Hurt contacted Mr. Price to state that he had received the City of Bexley’s Rule 13 request / authorization, and that the Ohio EPA had no additional comments for the request, thus, granting the City permission to move forward with development of athletic fields. Mr. Price responded, thanking Mr. Hurt for his assistance in securing the Rule 13 authorization.

The last document in these additional files provided by Mr. Bouder of the Ohio EPA – Central District Office from this FOIA request included a site visit form. According to the form, Mr. Hurt and Mr. Farnlacher performed a site visit of the Bexley Athletic Fields site on February 15, 2018 to inspect if there had been any site activity since the City of Bexley submitted a Rule 13 back in 2016 (discussed earlier in the preceding paragraph). They found that the site had been cleared off and that approximately two (2) feet of soil had been brought to the site and placed on top of the former landfill area. They also noted the observation of a 4" drainage line running along the southern edge of the site which led out to Alum Creek (adjacently west of the Athletic Fields site). Their site visit form included two (2) photographs of the property. A copy of the Ohio EPA response summarized in this section, including correspondences between the Ohio EPA and the City of Bexley, are provided in Appendix F of this report.

6.7 Ohio Department of Natural Resources

A FOIA request was made via email to the Ohio Department of Natural Resources on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks and oil/gas wells. A response was received on February 23, 2018 indicating that no known active wells or records were found on file for the subject property. A copy of the No Records Found letter is provided in Appendix F of this report.

6.8 Ohio EPA Office of the Director

A FOIA request was made via email to the Ohio EPA Office of the Director on February 23, 2018. The request focused on records that may contain information indicating current and/or historical usage or storage of hazardous materials, as well as the presence of underground storage tanks. A response was received on March 5, 2018 from the Office of the Director, which is described in Section 6.6.

7.0 ADDITIONAL RECORDS

7.1 FEMA Flood Insurance Map

PANDEY reviewed Flood Insurance Rate Maps (FIRMs) using FEMA's online Map Service Center (http://msc.fema.gov). The subject property is not located in a 100 or 500 year flood zone. A copy of the FIRM index map is included in Appendix G of this report.

7.2 U.S. DOI National Wetland Inventory Map

The U.S. Department of Interior National Wetland Inventory Map for the subject property shows no wetland designations for the subject property. A copy of the wetland map is included in Appendix H of this report.

7.3 Franklin County Soil Survey Information

A review of the Soil Survey of Franklin County was conducted utilizing the USDA Natural Resources Conservation Service website (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx). According to the Soil Survey, the area of subject property is primarily underlain by Urban Land Complex. The urban land complex indicates that near 100 percent of the predominant soil type has been disturbed and covered with an impervious layer consisting of buildings, sidewalks, streets and other structures.

A copy of the full Soil Survey is presented in Appendix I of this report.

7.4 Groundwater Resources Map

The "Groundwater Resources Map of Franklin County" (James J. Schmidt, 1952) indicates that the subject property is located in an area in which "Very limited and often quite shallow glacial deposits of sand and gravel overlying shale bedrock of eroded ancestral drainage channel. Potential yields may not

exceed 5 gallons per minute at depths of 15 to 35 feet." A copy of the Groundwater Resources Map obtained from the Ohio Department of Natural Resources is presented in Appendix J of this report.

7.5 ODNR Well Logs

Well logs of oil/gas wells and water wells installed within 0.5 miles of the subject property, as maintained by the Ohio Department of Natural Resources, were reviewed. According to these records, there are no oil / gas well permits identified within one (1) mile of the subject property. Also according to ODNR records, a total of eighteen (18) registered water wells were within 0.5 miles of the subject property. These wells range in depth from approximately 15 to 300 feet deep in formations of sand & gravel, clay, fill, shale and limestone bedrock. It appears that a shallow groundwater zone exists at approximately 17 to 20 feet below ground surface (bgs) within sand and gravel near the subject property. The majority of the ODNR well logs are related to monitoring wells that are being used for environmental monitoring of the groundwater media in the area although no ODNR wells currently exist on the subject property itself. Logs for water wells within 0.5 miles of the property, and the water well logs associated with the subject property are included in Appendix K of this report.

8.0 DE MINIMIS RELEASES

All potential releases that may have occurred at the subject property have been addressed as Identified Areas of concern. Releases that may have occurred at the subject property do not meet all of the *de minimis* releases criteria under OAC 3745-300-06(E)(2)(a), effective 6/26/2016 and cannot be demonstrated given present information. Hence, no *de-minimis* release areas have been identified.

9.0 VOLUNTARY ACTION PROGRAM SITE ELIGIBILITY DETERMINATION

This section examines program eligibility of the subject property for participation in Ohio EPA's Voluntary Action Program. Each eligibility criterion under the VAP rules is examined below.

This site eligibility determination was performed as part of the Phase I Property Site Assessment conducted at the property. The purpose of this eligibility determination is to evaluate the site to determine if it qualifies for and satisfies the eligibility requirements of Ohio Administrative Code 3745-300-02, effective 6/26/2016, and Ohio Revised Code Chapter 3746.

National Priority List (NPL) Sites

The subject property does not appear on the NPL list. Hence, the subject property is considered eligible with respect to this criterion.

Underground Injection Control (UIC) Wells

No evidence of the existence of UIC Wells at the subject property was observed. The history of the property as investigated during this Phase I Property Assessment also did not indicate any evidence of past UIC Wells. Hence, the property is considered eligible with respect to this criterion.

Federal Enforcement

The subject property is not and has not been subject to any federal enforcement action. Hence, the subject property is considered eligible with respect to this criterion.

Solid Waste Disposal

Although there is evidence that the subject property was utilized for dumping of residential waste and a landfill, there are no licenses or permits documenting these activities. Historical records, previous

environmental investigations and interviews provide evidence that dumping / landfill operations occurred for an unknown number of years prior to the 1950's. According to Ohio VAP Technical Guidance Compendium VA30002.09.012, only licensed, permitted or registered solid waste facilities are subject to closure and, thus, ineligible for the VAP. However, unlicensed, unpermitted waste facilities, including open dumps, are not ineligible for VAP. Hence, the subject property is considered eligible with respect to this criterion.

Oil and Gas Wells

No evidence of, or documentation on, the presence of oil or gas wells on the subject property or the adjoining parcels were found in the records maintained by Ohio Department of Natural Resources. Hence, the subject property is considered eligible with respect to this criterion.

State Enforcement

The subject property is not and has not been subject to any state enforcement action. Hence, the subject property is considered eligible with respect to this criterion.

RCRA Corrective Action Permit

The subject property was not, and is not, subject to corrective actions as related to RCRA protocol under a permit. Hence, the subject property is considered eligible with respect to this criterion.

Presence of Polychlorinated Biphenyls (PCBs)

No evidence of the presence of PCBs was apparent during the site inspection conducted by PANDEY. Hence, the subject property is considered eligible with respect to this criterion.

Hazardous Substance Tanks

No evidence of the existence of hazardous substance storage tanks below ground level was observed at the subject property during site reconnaissance or during interviews with site personnel. In addition, the environmental database search report did not identify any registered or hazardous substance underground storage tanks within the subject property. Hence, the subject property is considered eligible with respect to this criterion.

RCRA Treatment, Storage, or Disposal (TSD) Activities

The subject property has not been registered as a RCRA Treatment, Storage, or Disposal facility. Therefore, the property is considered eligible with respect to this criterion.

Underground Storage Tanks

No evidence of the existence of underground storage tanks below ground level was observed at the subject property during site reconnaissance performed in March, 2018. Additionally, the Bureau of Undergrounds Storage Tank Regulations (BUSTR) provided a letter stating there are no records of tanks existing at the subject property. No Archived USTs were identified on the subject property by the EDR Report discussed in Section 5.0. Hence, the subject property is considered eligible with respect to this criterion.

Conclusions

The eligibility of the subject property parcel was evaluated with respect to each criterion laid out in the VAP eligibility rule OAC 3745-300-02, effective 6/26/2016. This evaluation has identified no current eligibility impediments to the subject property's participation in the VAP.

10.0 IDENTIFIED AREAS

The subject property was developed as multi-family residential / apartment unit and has served as the location of residential housing for approximately 60 years. However, historical aerial photographs, previous environmental investigations and interviews have provided evidence that the subject property was utilized as a residential landfill / solid waste dump for an unknown number of years prior to the 1950's. On-site concerns related to historical landfill / solid waste dumping operations have the potential to impact environmental media (i.e. soil, soil gas, and groundwater) at the subject property. These areas have been identified based on site inspection, interviews with facility personnel, review of previous environmental assessments, regulatory database searches, and review of historical resources.

10.1 Current Identified Areas

Former Landfill / Dumping Area (Identified Area A)

Although no permits, records or licenses were found, historical aerial photographs and previous environmental drilling around the subject property has revealed that the property is situated on a former landfill / dumping area. According to previous environmental investigation, soils on the properties adjacently north and west of the subject property, along with some samples taken on the property itself, contain fill material including: glass, slag, wood, roots, concrete, asphalt fragments and other solid debris. Visual evidence gathered during PANDEY's March 2, 2018 site reconnaissance included observations of cracking foundations, shifting sidewalks, uneven terrain, dipping landscapes, cracked building walls and leaning power lines. All of these observations are evidence of subsurface settlement / movement which are consistent with past use of the subject property as a landfill. Based on historical documents, landfill operations occurred for an unknown number of years prior to the 1950's. Landfill sites also often produce harmful vapors such as hydrogen sulfide, methane and volatiles which can intrude into the on-site residential structures. Chemicals of concern include RCRA 8 Metals (Lead, Arsenic, Barium, Chromium, Cadmium, Selenium, Silver and Mercury), Semi-Volatile Organic Compounds (SVOCs) and Volatile Organic Compounds (VOCs).

Site-Wide Groundwater (Identified Area B)

The subject property is the location of a former landfill from the 1930's. Based on previous assessment reports for immediately adjacent properties, solid debris, including a large volume of glass fragments, is buried in the subsurface soils. Contamination from the waste materials may have migrated to the groundwater media. Chemicals of concern in the groundwater media include RCRA 8 Metals, VOCs and SVOCs.

10.2 Off-Site Concerns

Off-Site Concerns

This site is located in an area with a long industrial history. One (1) site, Former Landfill Area, Northern & Western Sites, was identified which has the potential to impact the subject property. Chemicals of concern include VOCs, SVOCs and RCRA 8 Metals.

Former Landfill Area, Northern & Western Sites (Off-Site Concern C)

Adjacently north of the subject property is the location of the Bexley Community Garden and a vacant space currently undergoing remedial activities that is anticipated to be a park. Previous environmental investigations of these properties are summarized in Section 4.1 of this report. Environmental Phase I and II investigations, including drilling, soil and groundwater sampling were performed at these sites. All reports came to the same conclusion that these parcels, located north of the subject property, were part of a former landfill / dump area for residential waste. It was also noted in previous report's interviews that during the construction of the residences along Ferndale Place and Mayfield Place, the construction crews ran into a large volume of glass bottles and solid debris. Soil sampling performed at these sites also detected multiple chemicals of concern, including Arsenic, Lead and Benzo(a)pyrene in exceedance of their respective VAP direct contact soil standards for residential land use. It was also noted that these chemicals likely leached to the groundwater media. Based on historical documents, it appears that the surrounding sites to the north and west of the subject property were situated on the same former landfill

that the subject property was developed on. Due to the surrounding sites close proximity to the subject property and previous investigations detecting exceedances of chemicals of concern in the soil and groundwater media, these sites have the potential to impact the subject property. Chemicals of concern include volatile organic compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and RCRA Metals.

11.0 FINDINGS AND CONCLUSIONS

A Phase I Property Assessment following the specific guidance of the Ohio EPA VAP rules has been conducted at the subject property located at 921-925 & 941-945 Ferndale Place in Bexley, Ohio 43209. The Phase I Property Assessment included a site reconnaissance, a review of site history, a review of selected local, state, and federal regulatory records, interviews with site personnel and agencies familiar with the site, and review of available previous environmental investigation documents.

On the basis of the observations made and the information reviewed during the course of this Phase I Property Assessment, it is recommended that a Phase II Property Assessment be conducted at the subject property to investigate impacts to soil, soil-gas and/or groundwater from the releases of hazardous substances and/or petroleum and former landfill operations. These releases should be quantified in terms of level and extent of contamination before recommendations for future actions can be made.

12.0 REPORT LIMITATIONS

This report is based on data, records, and information gathered in regard to the history and the current status of the subject property and its environmental history. In addition, data gathered during interviews of site representatives and property inspections were used in this report. Due diligence was employed throughout the Phase I Property Assessment process. The information gathered was reviewed, checked, evaluated and summarized in this report.

The subject property has been examined based on best professional judgment and current Phase I Property Assessment evaluation methods. These methods include requirements of Ohio's Voluntary Action Program, ASTM Standard E1527-13, and other professional site assessment guidelines. The evaluations, assessments, and conclusions stated in this report represent judgment and/or opinions which are based solely upon visual and analytical observations made during the site inspection and public record search including information from previous environmental investigations.

Any reuse of this information, assessment, or conclusions contained herein by parties other than those mentioned in Section 1.0 of this report, their partners and lenders, shall be at the sole risk or liability of the party undertaking the reuse of this information.

This report should not be construed as verification of compliance by the present owner or operators of the subject property with federal, state, or local laws and regulations.

Information provided by others was used in assessing these site conditions. The accuracy of the conclusions made from this information is inherently based on the accuracy of the information provided. This evaluation did not include sampling or analytical testing.

PANDEY is responsible to perform their services in a professional manner, consistent with the typical industry practice. The conclusions drawn as a result of this evaluation are deemed appropriate by PANDEY in the exercise of professional judgment. While nothing was observed that would indicate

conditions existing beyond those discussed, it is possible that limitations of a Phase I scope precluded recognition of additional contamination or potential for contamination present at the site.

This report should not be considered as a recommendation to purchase, sell, or develop the subject parcel and opinions contained herein are not legal opinions. To evaluate the information contained in this report, the reader must understand the limitations associated with this assessment.

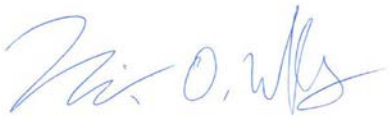
13.0 REFERENCES

- H.C. Nutting Company, *Geotechnical Study*, dated January, 2003.
- H.C. Nutting Company, *Phase I Environmental Site Assessment*, dated February 7, 2003.
- Stone Environmental, *Phase I & II Environmental Site Investigation*, dated May, 2007.
- Burgess & Niple, *Limited Phase II Property Assessment and Recreational Standard Calculation*, dated September 26, 2016.
- Geotechnical Consultants, Inc., *Phase II Environmental Assessment Services Report*, dated December 27, 2017
- Environmental Data Resources, Inc. (EDR), *EDR-Radius Map™ Report*; Inquiry No. 5196641.2s dated February 22, 2018.
- Environmental Data Resources, Inc. (EDR), *Certified Sanborn Report*; Inquiry No. 5196641.3, dated February 22, 2018.
- Environmental Data Resources, Inc. (EDR), *Historical Topo Map Report*; Inquiry No. 5196641.4, United States Geological Society (USGS), 7.5 (15 and 30) Minute Topographic Map Series. Southwest Columbus Quadrangle, dated 1900, 1912, 1925, 1940, 1943, 1955, 1964, 1973, 1985, 1994, and 2013.
- Environmental Data Resources, Inc. (EDR), *EDR Aerial Photo Decade Report*; Inquiry No. 5196641.9, dated 1938, 1950, 1957, 1964, 1972, 1983, 1988, 1994, 2000, 2006, and 2011.
- Environmental Data Resources, Inc. (EDR), City Directory Abstract, R.L. Polk & Co., published 1923, 1927, 1932, 1937, 1942, 1947, 1952, 1956, 1957, 1960, 1962, 1965, 1971, 1976 and 1981; Ohio Bell directories, published 1985 and 1992; Haines & Company, published 2002; and EDR Digital Archive directories, published 2005, 2010 and 2014.
- Franklin County Auditor, property records accessed via the internet website: http://property.franklincountyauditor.com/_web/search/commonsearch.aspx?mode=owner

SIGNATURE PAGE

We are pleased to have had this opportunity to be of service to you. Please call the undersigned if you have any questions.

Prepared By:



Nick Vallera, Environmental Scientist Date: 3/9/2018

Reviewed By:

Atul Pandey, P.E., M.S.
VAP Certified Professional #224 Date: 3/9/2018

Type of Report: VAP Phase I Property Assessment
Address: 921-925 & 941-945 Ferndale Place, Bexley, Ohio 43209
Date: March 9, 2018

FIGURES

Property Boundaries

921 - 925 Ferndale Pl. (Parcel 020-004517)

941 - 945 Ferndale Pl. (Parcel 020-004514)

0 0.0125 0.025 0.05 Miles

VAP Phase I
921-925 & 941-945 Ferndale Pl.
Bexley, Ohio 43209
Figure 1
Property
Locations Map

PANDEY
ENVIRONMENTAL, LLC
4100 Horizons Drive, Suite 205
Hamilton, Ohio 45011
(614) 444-8078
www.pandeyenvironmental.com

2/23/2018

Property Boundaries

921 - 925 Ferndale Pl. (Parcel 020-004517)

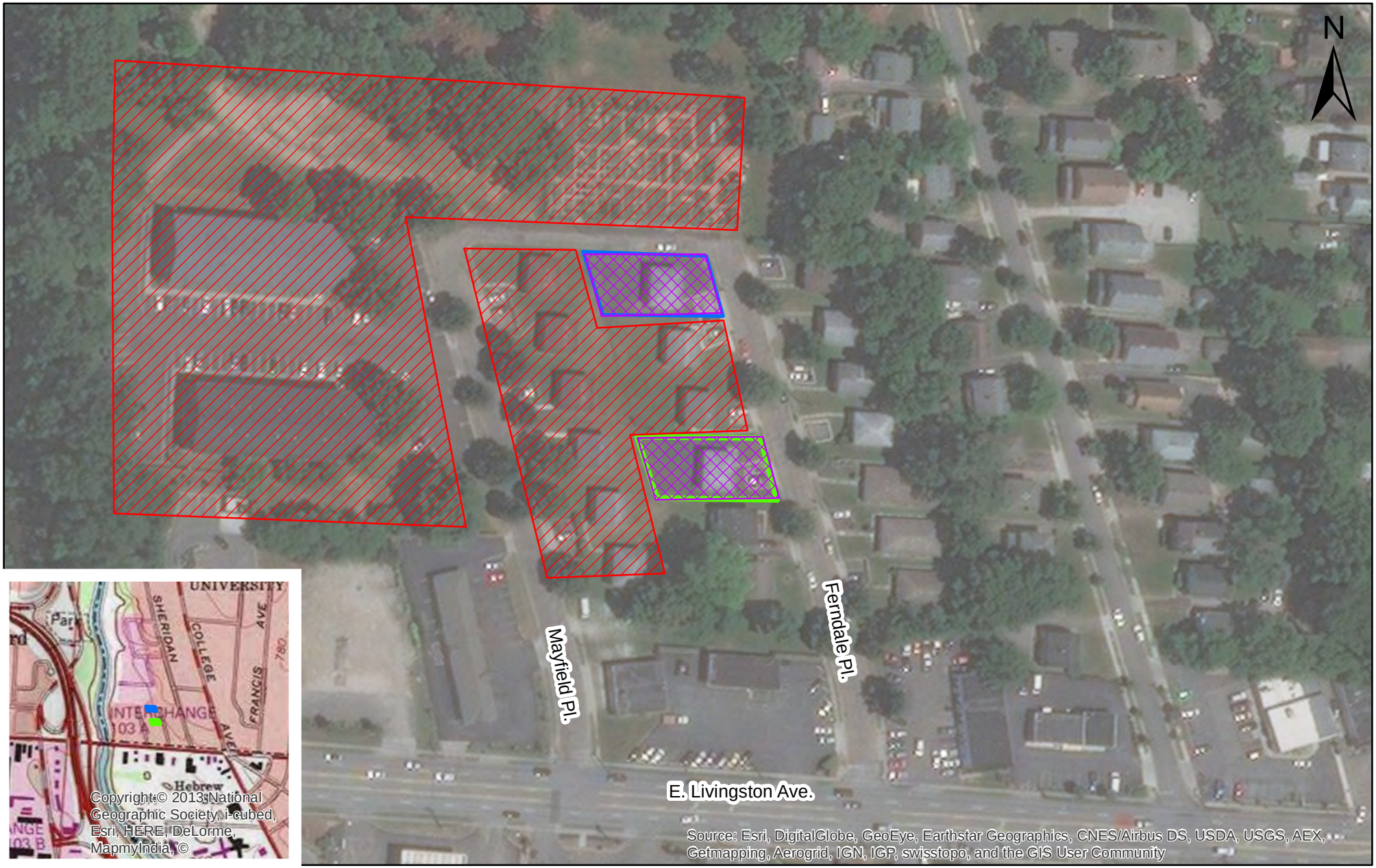
941 - 945 Ferndale Pl. (Parcel 020-004514)

0 0.0125 0.025 0.05 Miles

VAP Phase I
921-925 & 941-945 Ferndale Pl.
Bexley, Ohio 43209
Figure 2
Property
Layout Map

PANDEY ENVIRONMENTAL, LLC
4100 Horizons Drive, Suite 205
Hamilton, Ohio 45011
(614) 444-8078
www.pandeyenvironmental.com

3/2/2018



IA-A: Former Landfill / Dumping Area

OC-C: Former Landfill / Dumping Areas

Property Boundaries

921 - 925 Ferndale Pl. (Parcel 020-004517)

941 - 945 Ferndale Pl. (Parcel 020-004514)

IA-B: Site Groundwater includes the entirety of the Property Boundaries outlined in Blue and Green

0 0.0125 0.025 0.05 Miles

VAP Phase I
921-925 & 941-945 Ferndale Pl.
Bexley, Ohio 43209
Figure 3
Identified Areas Map

PANDEY ENVIRONMENTAL, LLC
4100 Horizons Drive, Suite 205
Hamilton, Ohio 45011
(614) 444-8078
www.pandeyenvironmental.com

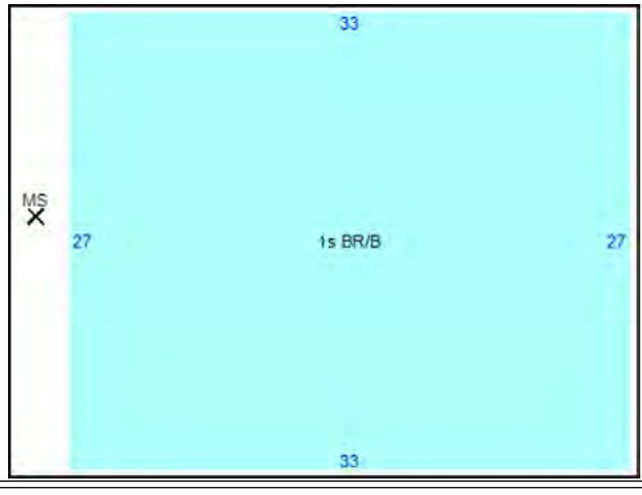
3/2/2018

APPENDIX A
PROPERTY RECORDS

Franklin County Auditor – Clarence E. Mingo **020-004517-00**

Owner Name	BCIC PHOENIX I	**Prop. Class**	R - Residential
		Land Use	520 - TWO-FAMILY DWLG ON PLATTED L(
Site Address	925 FERNDALE PL	**Tax District**	020 - CITY OF BEXLEY
		Sch. District	2501 - BEXLEY CSD
		App Nbrhd	06103
		Tax Lein	No
LegalDescriptions	925 FERNDALE PL MAYFIELD PLACE AMD 29	**CAUV Property**	No
		Owner Occ. Credit	2015: No 2016: No
		Homestead Credit	2015: No 2016: No
		Rental Registration	Yes
Mailing Address	2242 E MAIN ST BEXLEY OH 43209	**Board of Revision**	No
		Zip Code	43209
		Annual Taxes	3,007.14
Transfer Date	01/05/2018	**Taxes Paid**	1,503.57
Transfer Price	184,500.00	**Calculated Acreage**	.14
Instrument Type	GW	**Legal Acreage**	.00

	Current Market Value			Taxable Value		
	Land	**Improv**	**Total**	**Land**	**Improv**	**Total**
Base	$64,800	$76,000	$140,800	$22,680	$26,600	$49,280
TIF	$0	$0	$0	$0	$0	$0
Exempt	$0	$0	$0	$0	$0	$0
Total	$64,800	$76,000	$140,800	$22,680	$26,600	$49,280
CAUV	$0					



Building Data

Year Built	1962	**Full Baths**	2
Finished Area	891	**Half Bath**	
Rooms	8	**Heat/AC**	1
Bedrms	4	**Wood Fire**	/
Dining Rooms	0	**Stories**	1

Sketch Legend

0 1s BR/B891 Sq. Ft.
1 MS - 43:MASONRY STOOP9 Sq. Ft.


020-004517 02/16/2017

020-004517

OFFICE OF THE AUDITOR, FRANKLIN COUNTY, OHIO

R **ASSESSMENT LIST** CITY OF BEXLEY

Form 3

Hear Ptg. Co., Cols., O. CD48924

MAP BOOK L PAGE 77 ADDITION LOT 29 PARCEL No. 4517
DESCRIPTION OF PREMISES, MAYFIELD PLACE AMD.

STREET LOCATION, HOUSE NUMBER 921 FERNDALE PLACE
ORIGIN AND HISTORY OF PARCEL, P.B. 21 PAGE 283

DATE OF DIVISION OWNER AT TIME OF DIVISION ORIGINAL PARCEL No.

WHENEVER POSSIBLE CONSIDERATION WITH DATE OF TRANSFER MUST BE LISTED

DATE OF SALE	CONSIDERA'N	DATE OF SALE	CONSIDERA'N
12-15-75	Sec #4514		
12-1-76	Sec #4514		
8-3 77	sec 4514		

OUTLINE MAP (N / W E / S)

DATE OF TRANSFER MONTH	DAY	NAME AND ADDRESS OF OWNER	No. OF ACRES	VALUE PER ACRE	FEET FR'T	FEET DEEP	FEET REAR	Front Foot Rate	TOT. VALUE OF LAND	HOUSES No.	HOUSES KIND	HOUSES VALUE	GARAGES No.	GARAGES KIND	GARAGES VALUE	TOT. VALUE BUILDINGS	TOTAL VALUE FOR TAXATION	The reason for any change must be shown. Authority for any change must be recorded. The date of correction on Tax List given and new values entered
1958 JULY	17	EISENBERG JOSEPH L.							300								300	
July 1962	7	FRIEDMAN-DEEMS & ASSOCIATES INC.							800								800	RE-VAL. 1961
July 1962	11	FRIEDMAN-DEEMS & ASSOCIATES INC & IRVING A. BAKER							1410							6690	8100	RE. APPR. 1963
Apr 1963	13	FRIEDMAN-DEEMS & ASSOCIATES & IRVING A. BAKER							1940							6420	8360	RE. APPR. 1968
DEC 1965	11	SCHOTTENSTENSTEIN HAROLD & REGENE							1940							5240	7180	Cut #80631 - 1971 - B. & R.
DEC 1975	18	MINCH THOMAS H. & ELIZABETH W.							3020							7940	10960	RE. APPR. 1975
DEC 1976	1	HAHN MAX							3470							9570	13040	TRIENNIAL 1978
AUG 1977	4	CARTRELL JOHN D.							11520							21410	29320	1981 RE. APPR. - 100% MARKET VALUE
Nov 1980	21	BOWSER Paul L.							11520							34550	46070	TRIENNIAL 1984
Feb 1981	27	BINNS THOMAS W.							11500							33400	44900	1987 RE. APPR. - 100% MARKET VALUE
Mar 1986	18	Hanson Jon C. & R.							11500							41800	53300	TRIENNIAL 1990
Dec 1986		Peterson, Diane M. & Gary							16100							54300	70400	1993 RE. APPR. - 100% MARKET VALUE
Feb 1988	17	Peterson Gary							16100							64600	80700	TRIENNIAL 1996
July 1988	18	SCHWARZ HENRY Z. & CAROL C.																

Owner Name	BCIC PHOENIX I	Prop. Class	R - Residential
		Land Use	520 - TWO-FAMILY DWLG ON PLATTED L(
		Tax District	020 - CITY OF BEXLEY
Site Address	941 945 FERNDALE PL	Sch. District	2501 - BEXLEY CSD
		App Nbrhd	06103
		Tax Lein	No
LegalDescriptions	941 FERNDALE PL	CAUV Property	No
	MAYFIELD PLACE AMD	Owner Occ. Credit	2015: No 2016: No
	26	Homestead Credit	2015: No 2016: No
		Rental Registration	Yes
Mailing Address	2242 E MAIN ST	Board of Revision	No
	BEXLEY OH 43209	Zip Code	43209
		Annual Taxes	2,983.96
Transfer Date	01/05/2018	Taxes Paid	1,491.98
Transfer Price	184,500.00	Calculated Acreage	.15
Instrument Type	GW	Legal Acreage	.00

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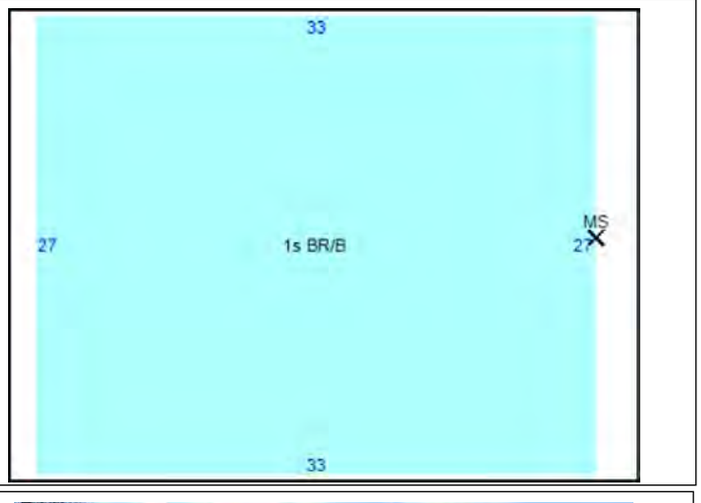
TIF	$0	$0	$0	$0	$0	$0
Exempt	$0	$0	$0	$0	$0	$0
Total	$63,700	$76,000	$139,700	$22,300	$26,600	$48,900
CAUV	$0					



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Year Built	1962	Full Baths	2
Finished Area	891	Half Bath	
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Bedrms	4	Wood Fire	/
Dining Rooms	0	Stories	1

Sketch Legend

0 1s BR/B891 Sq. Ft.
1 MS - 43:MASONRY STOOP9 Sq. Ft.

020-004514 02/16/2017

020-004514

OFFICE OF THE AUDITOR, FRANKLIN COUNTY, OHIO

R

ASSESSMENT LIST

CITY OF BEXLEY

Heer Pig. Co., Cols., O. CD48924 — Form 3

MAP BOOK L, PAGE 77 ADDITION LOT 26 PARCEL No. 4514
DESCRIPTION OF PREMISES, MAYFIELD PLACE AMD.

STREET LOCATION, HOUSE NUMBER 945 FERNDALE PLACE
ORIGIN AND HISTORY OF PARCEL, P.B. 21 PAGE 283

DATE OF DIVISION OWNER AT TIME OF DIVISION ORIGINAL PARCEL No.

WHENEVER POSSIBLE CONSIDERATION WITH DATE OF TRANSFER MUST BE LISTED

DATE OF SALE	CONSIDERA'N	DATE OF SALE	CONSIDERA'N
12-15-75	164 00	ref #45	5-16-17
12-1- 76	108 50	ini #45	5-16-17
8-3 77	30 20	ini #45	5-16-17
10-5 77	30 50		

OUTLINE MAP (N, W, E, S)

DATE OF TRANSFER MONTH	DAY	NAME AND ADDRESS OF OWNER	No. OF ACRES	VALUE PER ACRE	FEET FR'T	FEET DEEP	FEET REAR	Front Foot Rate	TOT. VALUE OF LAND	HOUSES No.	HOUSES KIND	HOUSES VALUE	GARAGES No.	GARAGES KIND	GARAGES VALUE	TOT. VALUE BUILDINGS	TOTAL VALUE FOR TAXATION	The reason for any change must be shown. Authority for any change must be recorded. The date of correction on Tax List given and new values entered
1958 JULY	17	EISENBERG JOSEPH L.							300								300	
1962 July	7	FRIEDMAN - DEEMS & ASSOCIATES INC.							800								800	RE-VAL. 1961
July	11	FRIEDMAN-DEEMS & ASSOCIATES INC. & IRVING A. BAKER							1410							6690	8100	RE. APPR. 1963
1963 Apr	13	FRIEDMAN-DEEMS & ASSOCIATES & IRVING A. BAKER							1940							6420	8360	RE. APPR. 1969
1965 DEC	11	SCHOTTENSTEIN HAROLD & REGENE							1940							5240	7180	Cert #80628-1971 B.T.R.
1975 DEC	18	MINCH THOMAS H & ELIZABETH W.							2980							7940	10920	RE. APPR. 1975
1976 DEC	1	HAHN MAX							3430							9540	12970	TRIENNIAL 1978
1977 AUG	4	GARTRELL JOHN D.							11330							40440	51770	1981 RE. APPR. - 100% MARKET VALUE
AUG	11	HAHN MAX							11330							44150	55480	TRIENNIAL 1984
OCT	5	TORRENCE JAMES M. & DOROTHY A.							11300							41000	52300	1987 RE. APPR. - 100% MARKET VALUE
MAY	1979 22	Smith Steven L.							11300							51300	62600	TRIENNIAL 1990
Mar	1987 11	SCHWARTZ HENRY Z & CANDICE C.							15900							54300	70200	1993 RE. APPR. - 100% MARKET VALUE
									15900							64600	80500	TRIENNIAL 1996

Clean Title Agency, Inc.
2154 E. Main Street, Suite 301
Columbus, OH 43209

PRORATION DISCLAIMER AND ACKNOWLEDGMENT
(RELEASE)

RE: Sale of: 921-925 & 941-945 Ferndale Pl.
Bexley, OH 43209

File No. 32188

Seller(s) and Buyer(s) are parties to a Real Estate Purchase Contract (the "Contract"), which provides among other terms, for proration of real estate taxes and assessments, rents, security deposits and/or condominium association fees through the date of closing. As a matter of convenience to Seller and Buyer, and with their consent and approval as expressed herein, the settlement agent (closing office) prorated such amounts based on information obtained from property valuations, assessments, and millage rates certified and as shown of record in the Office of the County Auditor and County Treasurer, rents and security deposits provided by the parties and/or property management companies and condominium fees provided by CondoCerts and/or condominium association for each such condominium being sold. As a practical matter, this means that all prorations will be based on the tax bill for the preceding collection period and information provided by the parties hereto as well as various third parties. No provision has been made for pending Board of Revision cases, which must be handled between the parties. The settlement agent shall have no obligation to make any investigation of, or determinations relative to, recently voted millage increases or reappraisals or changes in rents, security deposits and/or condominium association fees. The parties understand that there can and may be changes in tax rates and real estate tax assessments as a result of new or reappraisals and/or millage approved by voters in various taxing districts in general or special elections, but which may or may not have been certified and may or may not appear on the County Auditor or County Treasurer records. In the event that Seller and Buyer, or either of them, desire a tax proration based upon the recently voted millage or reappraisals or other factors which may or may not appear upon the tax bill for the preceding collection period, then the party desiring such proration shall be responsible for making the calculations for the proration and for submitting the agreed upon proration amount to the settlement agent for inclusion on the closing statement. To the extent that any of the prorations set forth on the HUD-1 Settlement Statement or commercial closing statement ("Closing Statement") are found to be inaccurate as a result of changes in property valuations, special assessments, or millage rates, the parties agree that the difference or discrepancy is and remains a contractual matter solely between Seller and Buyer and each retains and reserves any rights they have under the Contract, as between themselves to make additional adjustments. It is understood that the settlement agent, the title insurance agent and/or the title insurance underwriter (the "Title Agent") are not responsible for, and are specifically released, from any obligation or liability for any shortage, average or discrepancy in any of the prorations resulting from the calculation of the proration or from recent changes in property valuations, changes in millage, or tax rates which may or may not be shown on the County Auditor or County Treasurer's records or from any changes in rents, security deposits and/or condominium association fees that may or may not have been disclosed in preparation of the Closing Statement or closing statement. It is the obligation of each party to review such prorations prior to the closing.

Buyer is hereby notified that there may be unpaid charges for water and/or sewer services furnished to the property being purchased this date. Although these charges are not now a lien against the property, they could, if not paid, become a lien at a later date, or in lieu thereof, the local authority furnishing such service may terminate the service if such charges are not paid. No allowance for such charges was made or taken into account on the Closing Statement covering this transaction, nor does the Title Agent, either under the owners or mortgagee title insurance binder and subsequent policy, insure against any future lien or termination of service which could result from such unpaid charges, and Buyer in conjunction with Seller must separately see to the payment of any charges pursuant to the agreement between the parties.

Furthermore, if and when the Title Agent does aid in obtaining such information to be included on the Closing Statement, Buyer understands that this information is obtained on the basis of information provided by the City/County Department of Public Utilities and that there may be additional charges which do not now appear of record or an increase in the price of services or an amount which has not yet been reflected on the current water bill. The Title Agent is not to be held responsible for amounts that may not appear accurate at the time of closing.

L'Quentus Thomas

Deborah J. Aubert-Thomas

Clean Title Agency, Inc.
2154 E. Main Street, Suite 301
Columbus, OH 43209

PRORATION DISCLAIMER AND ACKNOWLEDGMENT
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Buyer is hereby notified that there may be unpaid charges for water and/or sewer services furnished to the property being purchased this date. Although these charges are not now a lien against the property, they could, if not paid, become a lien at a later date, or in lieu thereof, the local authority furnishing such service may terminate the service if such charges are not paid. No allowance for such charges was made or taken into account on the Closing Statement covering this transaction, nor does the Title Agent, either under the owners or mortgagee title insurance binder and subsequent policy, insure against any future lien or termination of service which could result from such unpaid charges; and Buyer in conjunction with Seller must separately see to the payment of any charges pursuant to the agreement between the parties.

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BCIC Phoenix I, an Ohio not for profit corporation

By:

ADDENDUM TO SETTLEMENT STATEMENT
FOR

PROPERTY ADDRESS: 921-925 & 941-945 Ferndale Pl., Bexley, OH 43209

SETTLEMENT DATE: December 28, 2017

I have carefully read the Settlement Statement for the above property/settlement and to the best of my knowledge and belief; it is a true and accurate statement of all receipts and disbursements made on my account or by me in this transaction.

I further certify that I have received a copy of the attached Settlement Statement.

NOTICE TO PURCHASERS: By signing below, you hereby acknowledge that certain real estate matters such as senior citizen, disability, homestead and/or mortgage exemptions, reductions and/or discounts may be available to you and that you further acknowledge that Clean Title, Inc, its agents and employees, are hereby released from any duty, liability or obligation to apply for or obtain any such exemptions, reductions and/or discounts for you. You further acknowledge that unless you specifically instruct otherwise, the conveyance form statement submitted to the County Auditor in order to transfer the deed to you will not reference your eligibility for any such exemption or discount.

RENTAL PROPERTY NOTICE: Ohio Revised Code Section 5323.02 requires an owner of residential rental property to register a contact agent for that property with the county auditor's office within 60 days following the day a real property conveyance form for that property is filed with the county auditor. Penalties will result from failure to file this form. Please advise us if you need a copy of this form to complete and file with the county auditor.

	By I. Quentus Thomas Deborah J. Aubert-Thomas

Final Owners Policy to be sent to:

Forwarding Address for Seller:

Broker:	Broker:
	H.C. Bland Realty Company

Clean Title Agency, Inc.

PRIVACY POLICY

First American Title Insurance Company

Clean Title Agency, Inc., as agent for, and with, the above listed companies, values our customers and we are committed to protecting the privacy of their personal information. We recognize and respect the privacy expectations of consumers and the requirements of applicable federal and state privacy laws. In compliance with such legislation, we are providing you with this document as a notice issued jointly as a means of paperwork reduction and is not intended to create a joint privacy policy. Each company's privacy policy is separately instituted, executed and maintained.

We are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information – particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. We have also adopted broader guidelines that govern our use of personal information regardless of its source.

Type of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any others means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested to us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your non public personal information.

WE DO NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT YOU WITH ANYONE FOR ANY PURPOSE THAT IS NOT SPECIFICALLY PERMITTED BY LAW.

Initials _____

AFFIDAVIT

STATE OF OHIO, COUNTY OF FRANKLIN, SS:

The undersigned Seller, whether one or more than one being first duly sworn jointly and severally if more than one deposes and makes the following statements for the express purpose of inducing Bexley CIC., Buyer, whether one or more than one, to purchase the following described property ("the Premises"), and if applicable to induce any mortgage to pay proceeds to Seller and any title insurance company to issue policies of insurance:

PARCEL I:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-nine (29) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004517
Also known as: 921-925 Ferndale Place, Bexley, Ohio 43209

PARCEL II:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-six (26) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004514
Also known as: 941-945 Ferndale Place, Bexley, Ohio.

1. All taxes, assessments or other charges now a lien against the Premises are shown on the Treasurer's duplicate, and no improvements (site or area) have been installed by public authority, the costs of which may be assessed against the Premises. Seller has not been notified within the period of two years immediately preceding the date hereof of contemplated improvements (site or area) to the premises by public authority, the costs of which are to be assessed against the Premises in the future nor has Seller any notice of condemnation or other exercise of the power of eminent domain. Seller represents that all bills for water and sewer charges issued prior to the date hereof for water and sewer services to the Premises have been fully paid.
   No unpaid-for improvements have been made, or materials, machinery or fuel delivered to or labor performed on the Premises within ninety days immediately preceding the date hereof which might form the basis of a mechanic's lien against the Premises, except: NONE
   none if nothing inserted), nor has Seller received a copy of an affidavit of mechanic's lien which may be filed against the Premises. If Seller is the original contractor and is selling the Premises to Buyer pursuant to a home construction contract with Buyer, Seller acknowledges payment in full of the home purchase contract price.
3. Seller has no knowledge of any encumbrances on title to the Premises other than those set forth in the evidence of the title provided to Buyer, nor does Seller have any knowledge of off-record or undisclosed legal or equitable interests in the Premises owned or claimed by any other person or entity, except the rights of tenants, if any, which have been fully disclosed to Buyer and to any title insurance company issuing title insurance in reliance thereon.
4. To Seller's best knowledge and belief the improvements on the Premises are located within the boundary lines of the Premises and all utility service lines serving the Premises are located either within the boundary lines of the Premises or within lands dedicated to public use or within recorded easements for the same. The information depicted on the survey of the Premises provided to the title agency and/or lender has not changed (i.e. no additions or other improvements have been made to the building or Premises).
5. With respect to the improvements located on the Premises, Seller has no knowledge of hidden structural defects or uncomplied with orders or notices of civil authority concerning health, building or fire code violations. To the extent that Seller has made any structural or non-structural alteration or modifications to the improvements located on the Premises, Seller has to Seller's knowledge obtained all necessary building permits and variances for the same.
6. Seller is not now under any legal disability which would impede or void any of Seller's contractual obligations, nor is Seller a debtor in any proceeding under the bankruptcy laws of the United States. All former spouses of Seller, if any, are deceased and/or all prior marriages, if any, have been legally terminated. If Seller is a partnership or a corporation, its officials consummating this transaction are properly authorized to do so, and the partnership or corporation and the undersigned shall be bounded by this Affidavit.
7. There are no delinquent homeowners' association dues owed for this property. Homeowners association dues are $_____ per year.

L'Quentus Thomas

Deborah J. Aubert-Thomas

Sworn to before me and subscribed in my presence December 27, 2017.

Notary Public

NOTARIAL SEAL
NICOLE K. GARRETT
NOTARY PUBLIC
STATE OF OHIO
My Commission Expires
September 04, 2020

WARNING: In transactions involving property in excess of $300,000 or property that is not to be used as a residence by Buyer, a separate affidavit should be executed in accordance with Internal Revenue Code 1445 and the Regulations promulgated thereunder (FIRPTA).

ADDENDUM TO SETTLEMENT STATEMENT
FOR

PROPERTY ADDRESS: 921-925 & 941-945 Ferndale Pl., Bexley, OH 43209

SETTLEMENT DATE: December 28, 2017

I have carefully read the Settlement Statement for the above property/settlement and to the best of my knowledge and belief; it is a true and accurate statement of all receipts and disbursements made on my account or by me in this transaction.

I further certify that I have received a copy of the attached Settlement Statement.

NOTICE TO PURCHASERS: By signing below, you hereby acknowledge that certain real estate matters such as senior citizen, disability, homestead and/or mortgage exemptions, reductions and/or discounts may be available to you and that you further acknowledge that Clean Title, Inc, its agents and employees, are hereby released from any duty, liability or obligation to apply for or obtain any such exemptions, reductions and/or discounts for you. You further acknowledge that unless you specifically instruct otherwise, the conveyance form statement submitted to the County Auditor in order to transfer the deed to you will not reference your eligibility for any such exemption or discount.

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HCIC Phoenix I, an Ohio not for profit corporation By	

Final Owners Policy to be sent to:

Forwarding Address for Seller:

Broker:	Broker:
	H.C. Bland Realty Company

GENERAL WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS THAT L'Quentus Thomas and Deborah J. Aubert-Thomas, husband and wife, the Grantors, for valuable consideration paid, grant with general warranty covenants, to BCIC Phoenix I, an Ohio non-profit organization, Grantee, whose TAX MAILING ADDRESS will be:

---

the following described premises:

PARCEL I:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-nine (29) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004517
Also known as: 921-925 Ferndale Place, Bexley, Ohio 43209

PARCEL II:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-six (26) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004514
Also known as: 941-945 Ferndale Place, Bexley, Ohio.

Subject to taxes and assessments which are now or may hereafter become liens on said premises, and except conditions and restrictions and easements, if any, of record for said premises, subject to all of which this conveyance is made.

Prior Instrument Reference: Instrument Number 201307030112182 and Instrument Number 201307030112176, Recorder's Office, Franklin County, Ohio.

Executed on this 27th day of December, 2017.

L'Quentus Thomas

Deborah J. Aubert-Thomas

State of Ohio)
) ss.
County of Franklin)

Before me, a Notary Public in and for said County and State, personally appeared the above named L'Quentus Thomas and Deborah J. Aubert-Thomas who acknowledged that they did sign the foregoing instrument and that the same is their free act and deed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

Notary Public

This instrument Prepared by:
Davis & Meyer Law, Ltd.
2154 E. Main Street
Suite 301
Bexley, Ohio 43209
File# 32188

Clean Title Agency, Inc.

PRIVACY POLICY

First American Title Insurance Company

Clean Title Agency, Inc., as agent for, and with, the above listed companies, values our customers and we are committed to protecting the privacy of their personal information. We recognize and respect the privacy expectations of consumers and the requirements of applicable federal and state privacy laws. In compliance with such legislation, we are providing you with this document as a notice issued jointly as a means of paperwork reduction and is not intended to create a joint privacy policy. Each company's privacy policy is separately instituted, executed and maintained.

We are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information – particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, we have adopted this Privacy Policy to govern the use and handling of your personal information.

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Type of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any others means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested to us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your non public personal information.

WE DO NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT YOU WITH ANYONE FOR ANY PURPOSE THAT IS NOT SPECIFICALLY PERMITTED BY LAW.

Initial

Ferndale Place Rent Roll							
Tenant	Address	Unit	Rent	Security	Lease Start	Lease End	Note(s)
Isaac and Reniqua Jackson	921 - 925 Ferndale Place	Unit A (downstairs)	$ 500.00	$ 1,000.00	12/1/2013	#########	Month to Month Lease
Tyneshia Haynes	921 - 925 Ferndale Place	Unit B (upstairs)	$ 475.00	$ 475.00	6/21/2016	6/30/2017	Month to Month Lease
Deanna Smith	941 - 945 Ferndale Place	Unit A (downstairs)	$ 500.00	$ 1,000.00	8/17/2017	7/31/2018	
Diane Denise White	941 - 945 Ferndale Place	Unit B (upstairs)	$ 500.00	$ 500.00	7/19/2017	7/31/2018	

Transaction Identification Data for reference only:
Processor: Nicole Garrett
Issuing Office: Clean Title Agency, Inc.
ALTA Universal ID:
Loan ID Number:
Commitment Number: 32188
Issuing Office File Number: 32188
Property Address: 921-925 & 941-945 Ferndale Pl. Bexley, OH 43209
Revision Number: _____

First American Title Insurance Company

SCHEDULE A

1. Commitment Date: **December 19, 2017, at 7:00 am**

2. Policy to be Issued:

   (a) 2006 ALTA® Owner's Policy

   Proposed Insured: **Bexley CIC**
   Proposed Policy Amount: **$184,500.00**

3. The estate or interest in the Land described or referred to in this Commitment is:
   Fee Simple

4. Title to the **Fee Simple** estate or interest in the Land is at the Commitment Date vested in:

   L'Quentus Thomas and Deborah J. Aubert-Thomas

   Source of Title: Instrument Number 201307030112182 and Instrument Number 201307030112176, Recorder's Office, Franklin County, Ohio.

5. The Land is described as follows:
   SEE ATTACHED EXHIBIT "A"

Clean Title Agency, Inc.

By_____

This page is only a part of a 2016 ALTA® Commitment for Title Insurance. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.

EXHIBIT "A"

PARCEL I:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-nine (29) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004517
Also known as: 921-925 Ferndale Place, Bexley, Ohio 43209

PARCEL II:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-six (26) of Mayfield Place Amended, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, page 84, Recorder's Office, Franklin County, Ohio.

Parcel No.: 020-004514
Also known as: 941-945 Ferndale Place, Bexley, Ohio.

SCHEDULE B, PART I
Requirements

All of the following Requirements must be met:

a. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.

b. Pay the agreed amount for the estate or interest to be insured.

c. Pay the premiums, fees, and charges for the Policy to the Company.

d. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.

1. **Good Standing Certificate from the Secretary of State of Ohio for Bexley CIC.**

2. **Resolution from Bexley CIC, authorizing the purchase of the above referenced property.**

3. **Review of Operating Agreement for Bexley CIC.**

4. **Deed from L'Quentus Thomas and Deborah J. Aubert-Thomas, with proper marital status designation, and release of dower, if any, conveying said premises as described in Schedule "A" hereof.**

5. **Satisfaction and Release of record of those Mortgage(s) appearing on Schedule B-Section II of this commitment.**

6. **Taxes and Special Assessments for the current year, not yet due and payable.**

SCHEDULE B, PART II
Exceptions

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. The defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I-Requirements are met.

2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.

3. Encroachments, overlaps, boundary line disputes or other matters which would be disclosed by an accurate boundary survey or inspection of the premises.

4. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

5. Rights of parties in actual possession of all or any part of the premises.

6. Taxes or assessments approved, levied or enacted by the State, County, Municipality, Township or similar taxing authority, but not yet certified to the tax duplicate of the County in which the land is situated, including any retroactive increases in taxes or assessments resulting from any retroactive increase in the valuation of the land by the State, County, Municipality, Township or other taxing authority.

7. Coal, oil, natural gas, or other mineral interests and all rights incident thereto now or previously conveyed, transferred, leased, excepted or reserved.

8. Oil or gas leases, pipeline agreements, or any other instrument in connection with the production, sale or distribution of oil or natural gas placed of record subsequent to the effective date of the loan policy.

9. Taxes for the first half of the year 2017 and subsequent installments, determined and undetermined, which are now due and payable.

10. TAX INFORMATION

Parcel No.: 020-004517
Taxes for the year 2017 are as follows:
First half due in January, 2018 collection is NOW DUE in the amount of $1,503.57.
Second half due in June, 2018 collection is NOT YET DUE in the amount of $1,503.57.
Taxes for the year 2018 are undetermined, unpaid and a lien.

VALUATIONS: LAND - $22,680.00 BUILDING - $26,600.00 TOTAL - $49,280.00

11. TAX INFORMATION

Parcel No.: 020-004514
Taxes for the year 2017 are as follows:
First half due in January, 2018 collection is NOW DUE in the amount of $1,491.98.
Second half due in June, 2018 collection is NOT YET DUE in the amount of $1,491.98.
Taxes for the year 2018 are undetermined, unpaid and a lien.

VALUATIONS: LAND - $22,300.00 BUILDING - $26,600.00 TOTAL - $48,900.00

12. Mortgage of record from L'Quentus Thomas and Deborah J. Aubert-Thomas, husband and wife to Mortgage Electronic Registration Systems Inc., acting solely as nominee for Insight Bank, dated June 28, 2013, filed for record July 3, 2013 at 12:34 p.m. to secure $56,062.00, of record in Instrument Number 201307030112183, Recorder's Office, Franklin County, Ohio.

13. Mortgage of record from L'Quentus Thomas and Deborah J. Aubert-Thomas, husband and wife to Mortgage Electronic Registration Systems Inc., acting solely as nominee for Insight Bank, dated June 28, 2013, filed for record July 3, 2013 at 12:30 p.m. to secure $56,062.00, of record in Instrument Number 201307030112177, Recorder's Office, Franklin County, Ohio.

14. Easement granted to Columbus and Southern Ohio Electric Company appearing of record in Deed Book 2295, page 226, Recorder's Office, Franklin County, Ohio.

15. Building setback lines and easements per recorded plat of subdivision.

16. NOTE: The Policy(s) of insurance may contain a clause permitting arbitration of claims at the request of either the Insured or the Company. Upon request, the Company will provide a copy of this clause and the accompanying arbitration

rules prior to the closing of the transaction.

17. **NOTE: Effective on January 1, 2007 all outstanding Closing Protection Letters issued by the Company on behalf of any Agent will be terminated by law. Pursuant to O.R.C. 3953.32 any Closing Protection Coverage requested for a real estate closing which takes place on or after January 1, 2007 can be provided only upon the form approved by the Ohio Department of Insurances. This Closing Protection Coverage must be transaction specific.**

TRANSFERRED

JUL 03 2013

CLARENCE E. MINGO II
AUDITOR
FRANKLIN COUNTY, OHIO

12643

Conveyance
Mandatory- 74.80

Permissive- 74.80 BD

CLARENCE E. MINGO II
FRANKLIN COUNTY AUDITOR

201307030112182
Pgs: 2 $28.00 T20130069965
07/03/2013 12:33PM BXCROWN SEARC
Terry J. Brown
Franklin County Recorder

GENERAL WARRANTY DEED

PARKWAY HORIZONS, INC., AN OHIO CORPORATION, of Franklin County, Ohio, for valuable consideration paid, grant(s) with general warranty covenants, to L'QUENTUS THOMAS AND DEBORAH J. AUBERT-THOMAS for their joint lives, remainder to the survivor of them, whose tax-mailing address is, INSIGHT BANK, 150 W. WILSON BRIDGE ROAD, WORTHINGTON, OHIO 43085

the following REAL PROPERTY:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-nine (29) of MAYFIELD PLACE AMENDED, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, Page 84, Recorder's Office, Franklin County, Ohio.

PROPERTY ADDRESS: 921-925 Ferndale Place, Bexley, OH 43209
PARCEL NUMBER(S): 020-004517

THE FOREGOING REAL PROPERTY IS GRANTED BY THE GRANTOR AND ACCEPTED BY THE GRANTEE SUBJECT TO ALL THE RECORDED RESERVATIONS, CONDITIONS, LIMITATIONS, HIGHWAYS, PUBLIC ROADS, RIGHTS-OF-WAY, LEASES, EASEMENTS, RESTRICTIONS, ZONING ORDINANCES, AND ANY MINERAL RIGHTS SEVERENCES, AS WELL AS REAL ESTATE TAXES AND ASSESMENTS BOTH GENERAL AND SPECIAL, WHICH ARE A LIEN BUT NOT YET DUE AND PAYABLE.

Prior Instrument(s) of Reference: Instrument Number 200801230010879 of the Deed Records of Franklin County, Ohio. (1)

Executed this 27Th day of JUNE, 20 13

Parkway Horizons, Inc., an Ohio corporation

BY: _____
Shari Klema Nutter, President and Treasurer

Parkway Horizons, Inc., an Ohio corporation

BY: _____
Bernard Lewis Nutter, Vice President and Secretary

STATE OF OHIO,

COUNTY OF FRANKLIN, ss:

BE IT REMEMBERED, That on this 27th day of June, 2013, before me, the subscriber, a Notary Public in and for said State, personally came Shari Klema Nutter, President and Treasurer of Parkway Horizons, Inc., an Ohio corporation and Bernard Lewis Nutter, Vice President and Secretary of Parkway Horizons, Inc., an Ohio corporation, the Grantor(s) in the foregoing instrument, and acknowledged the signing thereof to be their/its, voluntary act and deed, pursuant to authority of its board of directors.

IN TESTIMONY THEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

_____
Notary Public
My Commission Expires:

(SEAL)

NOTARIAL SEAL STATE OF OHIO

Katherine M. Edwards Motsinger
Notary Public, State of Ohio
My Commission Expires
September 23, 2017
Recorded in Fairfield County

This instrument prepared by:
James Scott Stevenson, Attorney at Law

File No.: NWE-3554

When recorded, return to:
Insight Bank
Attn: Final Document Department
150 W. Wilson Bridge Road
Worthington, OH 43085

Title Order No.: NWE-3554
Escrow No.: NWE-3554
LOAN #: 130500221

[Space Above This Line For Recording Data]

MORTGAGE

MIN: 1004913-0000008276-6

DEFINITIONS

Words used in multiple sections of this document are defined below and other words are defined in Sections 3, 11, 13, 18, 20 and 21. Certain rules regarding the usage of words used in this document are also provided in Section 16.

(A) **"Security Instrument"** means this document, which is dated **June 28, 2013,** together with all Riders to this document.

(B) **"Borrower"** is **L'QUENTUS THOMAS AND DEBORAH J. AUBERT-THOMAS, HUSBAND AND WIFE.**

Borrower is the mortgagor under this Security Instrument.

(C) **"MERS"** is Mortgage Electronic Registration Systems, Inc. MERS is a separate corporation that is acting solely as a nominee for Lender and Lender's successors and assigns. **MERS is the mortgagee under this Security Instrument.** MERS is organized and existing under the laws of Delaware, and has an address and telephone number of P.O. Box 2026, Flint, MI 48501-2026, tel. (888) 679-MERS.

(D) **"Lender"** is **Insight Bank.**

Lender is **a State Bank,** organized and existing under the laws of **Ohio.**
Lender's address is **150 W. Wilson Bridge Road, Worthington, OH 43085**

(E) **"Note"** means the promissory note signed by Borrower and dated **June 28, 2013.** The Note states that Borrower owes Lender **FIFTY SIX THOUSAND SIXTY TWO AND NO/100*** Dollars (U.S. **$56,062.00**) plus interest. Borrower has promised to pay this debt in regular Periodic Payments and to pay the debt in full not later than **July 1, 2043.**

(F) **"Property"** means the property that is described below under the heading "Transfer of Rights in the Property."

Initials: LT DAT

TRANSFERRED

JUL 03 2013

CLARENCE E. MINGO II
AUDITOR
FRANKLIN COUNTY, OHIO

201307030112176
Pgs: 2 $28.00 T20130000956
07/03/2013 12:20PM BXCROWN SEARC
Terry J. Brown
Franklin County Recorder

12641

Conveyance
Mandatory- 74.80
Permissive- 74.80 BD
CLARENCE E. MINGO II FRANKLIN COUNTY AUDITOR

GENERAL WARRANTY DEED

PARKWAY HORIZONS, INC., AN OHIO CORPORATION, of Franklin County, Ohio, for valuable consideration paid, grant(s) with general warranty covenants, to L'QUENTUS THOMAS AND DEBORAH J. AUBERT-THOMAS for their joint lives, remainder to the survivor of them, whose tax-mailing address is, INSIGHT BANK, 150 W. WILSON BRIDGE ROAD, WORTHINGTON, OHIO 43085

the following REAL PROPERTY:

Situated in the State of Ohio, County of Franklin and in the City of Bexley and bounded and described as follows:

Being Lot Number Twenty-six (26) of MAYFIELD PLACE AMENDED, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 25, Page 84, Recorder's Office, Franklin County, Ohio.

PROPERTY ADDRESS: 941-945 Ferndale Place, Bexley, OH 43209
PARCEL NUMBER(S): 020-004514

THE FOREGOING REAL PROPERTY IS GRANTED BY THE GRANTOR AND ACCEPTED BY THE GRANTEE SUBJECT TO ALL THE RECORDED RESERVATIONS, CONDITIONS, LIMITATIONS, HIGHWAYS, PUBLIC ROADS, RIGHTS-OF-WAY, LEASES, EASEMENTS, RESTRICTIONS, ZONING ORDINANCES, AND ANY MINERAL RIGHTS SEVERENCES, AS WELL AS REAL ESTATE TAXES AND ASSESMENTS BOTH GENERAL AND SPECIAL, WHICH ARE A LIEN BUT NOT YET DUE AND PAYABLE.

Prior Instrument(s) of Reference: Instrument Number 200801230010879 of the Deed Records of Franklin County, Ohio.

Executed this 27TH day of JUNE, 2013

Parkway Horizons, Inc., an Ohio corporation

BY: _____
Shari Klema Nutter, Preisdent and Treasurer

Parkway Horizons, Inc., an Ohio corporation

BY: _____
Bernard Lewis Nutter, Vice President and Secretary

STATE OF OHIO,

COUNTY OF FRANKLIN, ss:

BE IT REMEMBERED, That on this 27th day of June, 2013, before me, the subscriber, a Notary Public in and for said State, personally came Shari Klema Nutter, Preisdent and Treasurer of Parkway Horizons, Inc., an Ohio corporation and Bernard Lewis Nutter, Vice President and Secretary of Parkway Horizons, Inc., an Ohio corporation, the Grantor(s) in the foregoing instrument, and acknowledged the signing thereof to be their/its, voluntary act and deed, pursuant to authority of its board of directors.

IN TESTIMONY THEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year last aforesaid.

_____
Notary Public
My Commission Expires:

(SEAL)

NOTARIAL SEAL STATE OF OHIO

Katherine M. Edwards Motsinger
Notary Public, State of Ohio
My Commission Expires
September 23, 2017
Recorded in Fairfield County

This instrument prepared by:
James Scott Stevenson, Attorney at Law

File No.: NWE-3555

201307030112177
Pgs: 15 $132.00 T20130069966
07/03/2013 12:30PM BXCROWN SERRC
Terry J. Brown
Franklin County Recorder

When recorded, return to:
Insight Bank
Attn: Final Document Department
150 W. Wilson Bridge Road
Worthington, OH 43085

Title Order No.: NWE-3555
Escrow No.: NWE-3555
LOAN #: 130500231

[Space Above This Line For Recording Data]

MORTGAGE

MIN: 1004913-0000018505-6

DEFINITIONS

Words used in multiple sections of this document are defined below and other words are defined in Sections 3, 11, 13, 18, 20 and 21. Certain rules regarding the usage of words used in this document are also provided in Section 16.

(A) "Security Instrument" means this document, which is dated **June 28, 2013,** together with all Riders to this document.

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Borrower is the mortgagor under this Security Instrument.

(C) "MERS" is Mortgage Electronic Registration Systems, Inc. MERS is a separate corporation that is acting solely as a nominee for Lender and Lender's successors and assigns. **MERS is the mortgagee under this Security Instrument.** MERS is organized and existing under the laws of Delaware, and has an address and telephone number of P.O. Box 2026, Flint, MI 48501-2026, tel. (888) 679-MERS.

(D) "Lender" is **Insight Bank.**

Lender is **a State Bank,** organized and existing under the laws of **Ohio.**
Lender's address is **150 W. Wilson Bridge Road, Worthington, OH 43085**

(E) "Note" means the promissory note signed by Borrower and dated **June 28, 2013.**
The Note states that Borrower owes Lender **FIFTY SIX THOUSAND SIXTY TWO AND NO/100* * *** Dollars (U.S. **$56,062.00**) plus interest. Borrower has promised to pay this debt in regular Periodic Payments and to pay the debt in full not later than **July 1, 2043.**

(F) "Property" means the property that is described below under the heading "Transfer of Rights in the Property."

Initials: LT DAT

APPENDIX B
USGS TOPOGRAPHICAL MAPS

Bexley Ferndale

921 Ferndale Place

Columbus, OH 43209

Inquiry Number: 5196641.4

February 22, 2018

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/22/18

Site Name:

Bexley Ferndale
921 Ferndale Place
Columbus, OH 43209
EDR Inquiry # 5196641.4

Client Name:

Pandey Environmental, LLC
4100 Horizons Drive
Columbus, OH 43220-0000
Contact: Nick Vallera

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Pandey Environmental, LLC were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Bexley Ferndale Place

Coordinates:

Latitude:	39.94929 39° 56' 57" North
Longitude:	-82.940317 -82° 56' 25" West
UTM Zone:	Zone 17 North
UTM X Meters:	334247.05
UTM Y Meters:	4423931.45
Elevation:	759.24' above sea level

Maps Provided:

2013	1925
1994	1912
1985	1900
1973	
1964	
1955	
1943	
1940	

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets

Southeast Columbus
2013
7.5-minute, 24000

1994 Source Sheets

Southeast Columbus
1994
7.5-minute, 24000
Aerial Photo Revised 1992

1985 Source Sheets

Southeast Columbus
1985
7.5-minute, 24000
Aerial Photo Revised 1983

1973 Source Sheets

Southeast Columbus
1973
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1964 Source Sheets

Southeast Columbus
1964
7.5-minute, 24000
Aerial Photo Revised 1954

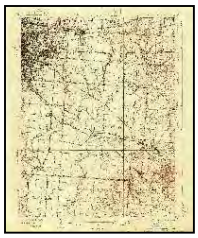
1955 Source Sheets

Southeast Columbus
1955
7.5-minute, 24000
Aerial Photo Revised 1954

1943 Source Sheets

East Columbus
1943
15-minute, 62500
Aerial Photo Revised 1940

1940 Source Sheets



EAST COLUMBUS
1940
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

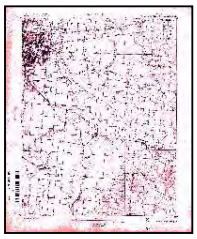
1925 Source Sheets

East Columbus
1925
15-minute, 62500

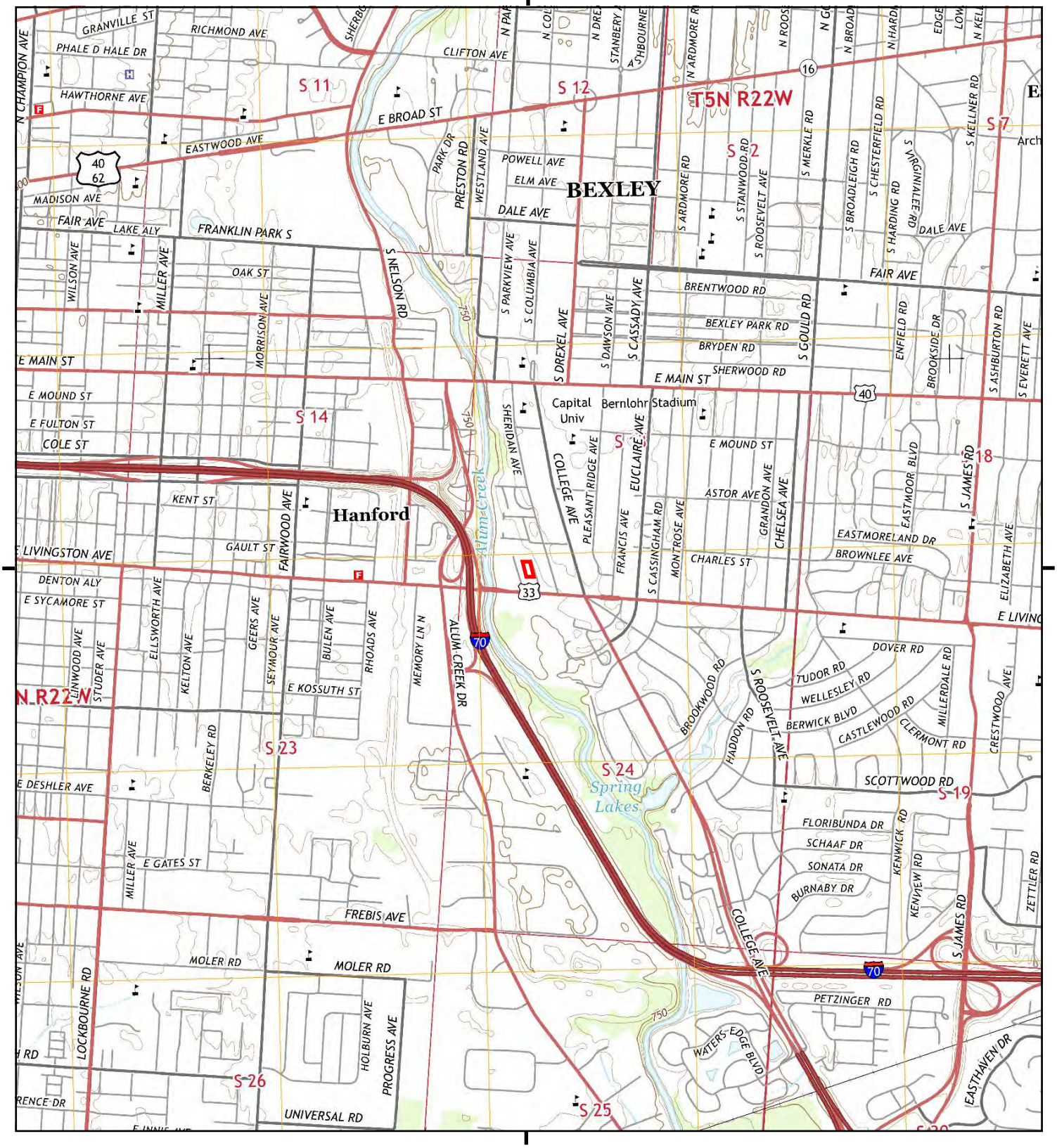
1912 Source Sheets

COLUMBUS
1912
30-minute, 125000

1900 Source Sheets



EAST COLUMBUS
1900
15-minute, 62500



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

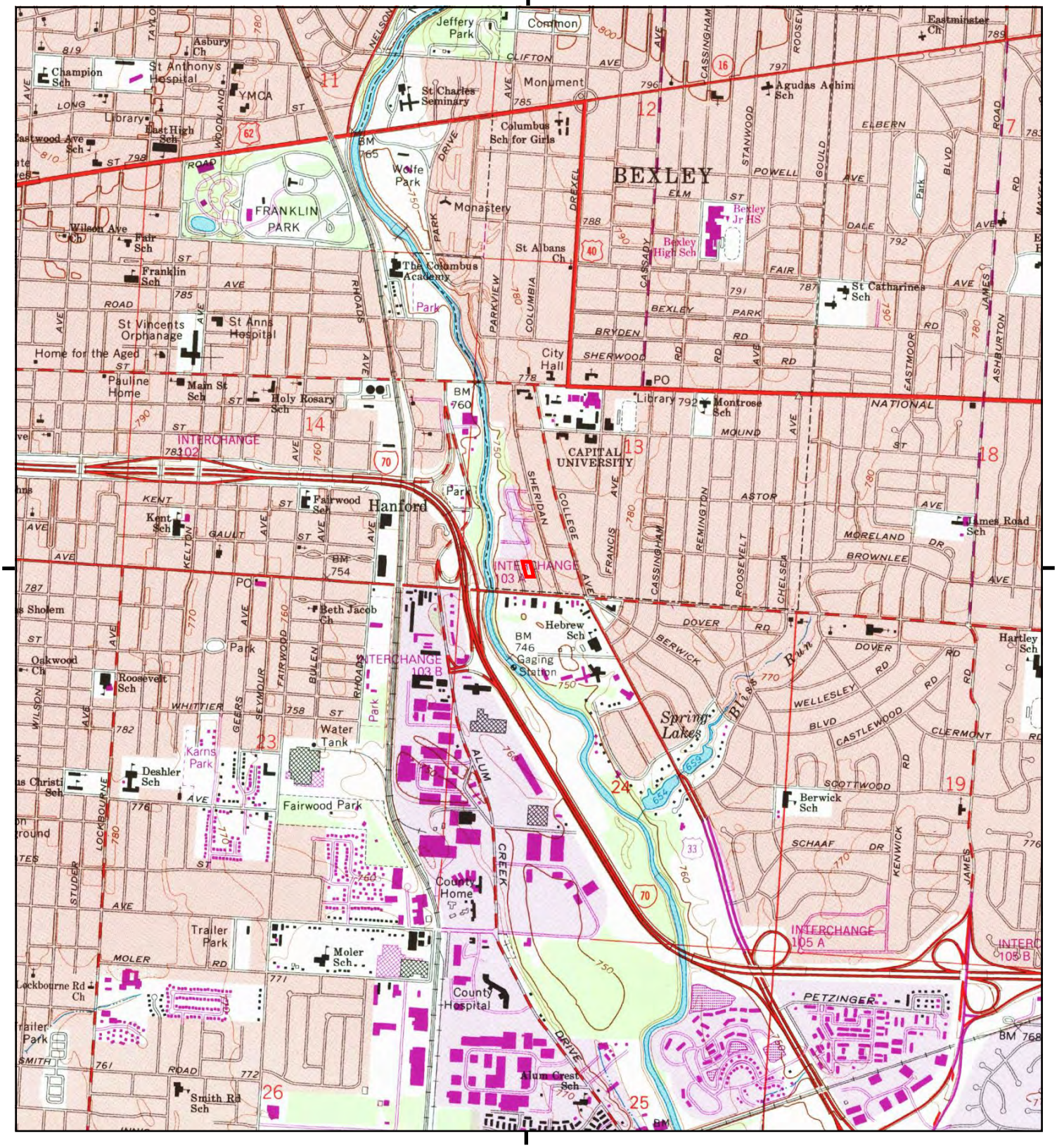
TP, Southeast Columbus, 2013, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

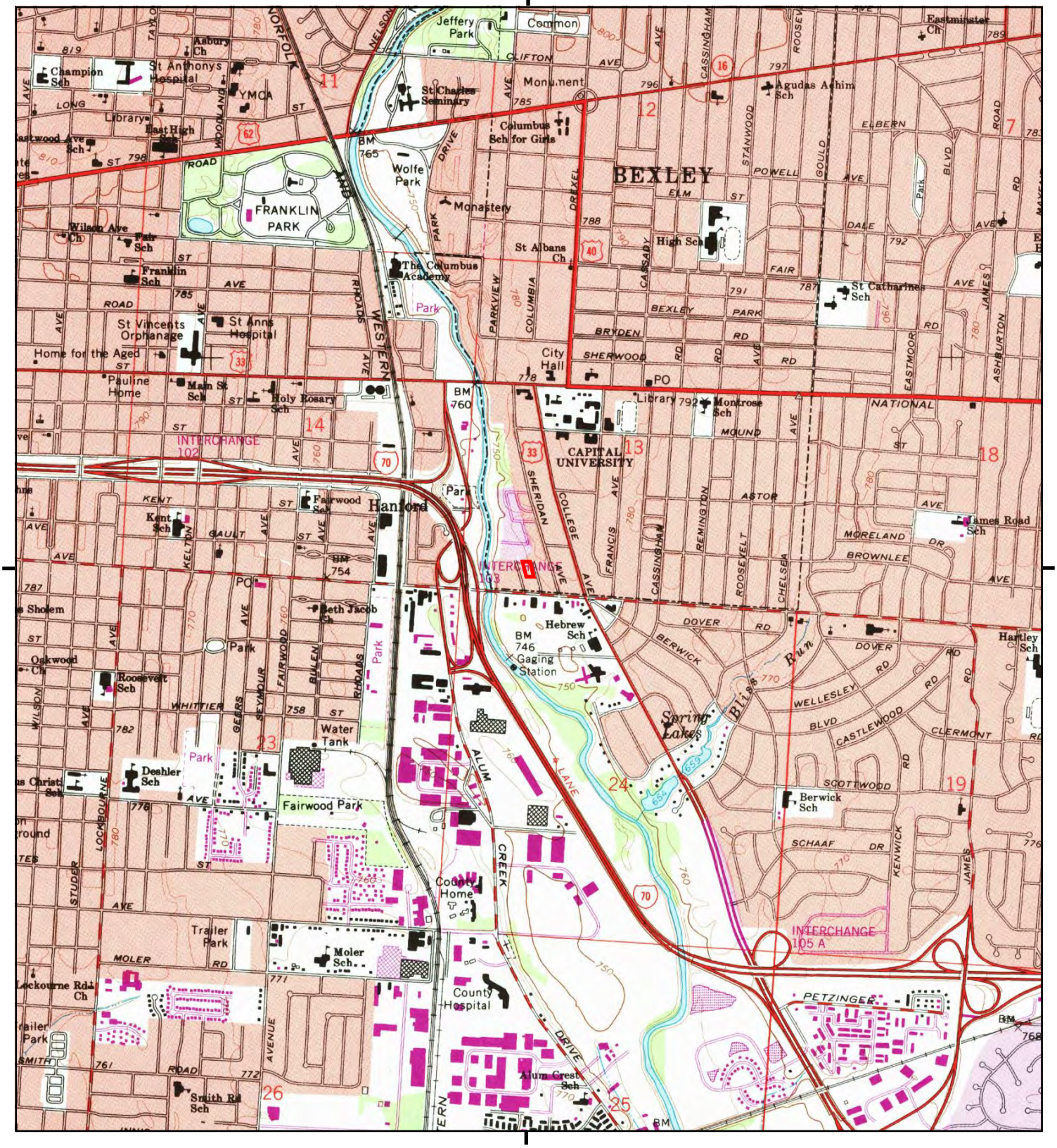
TP, Southeast Columbus, 1994, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1985



This report includes information from the following map sheet(s).

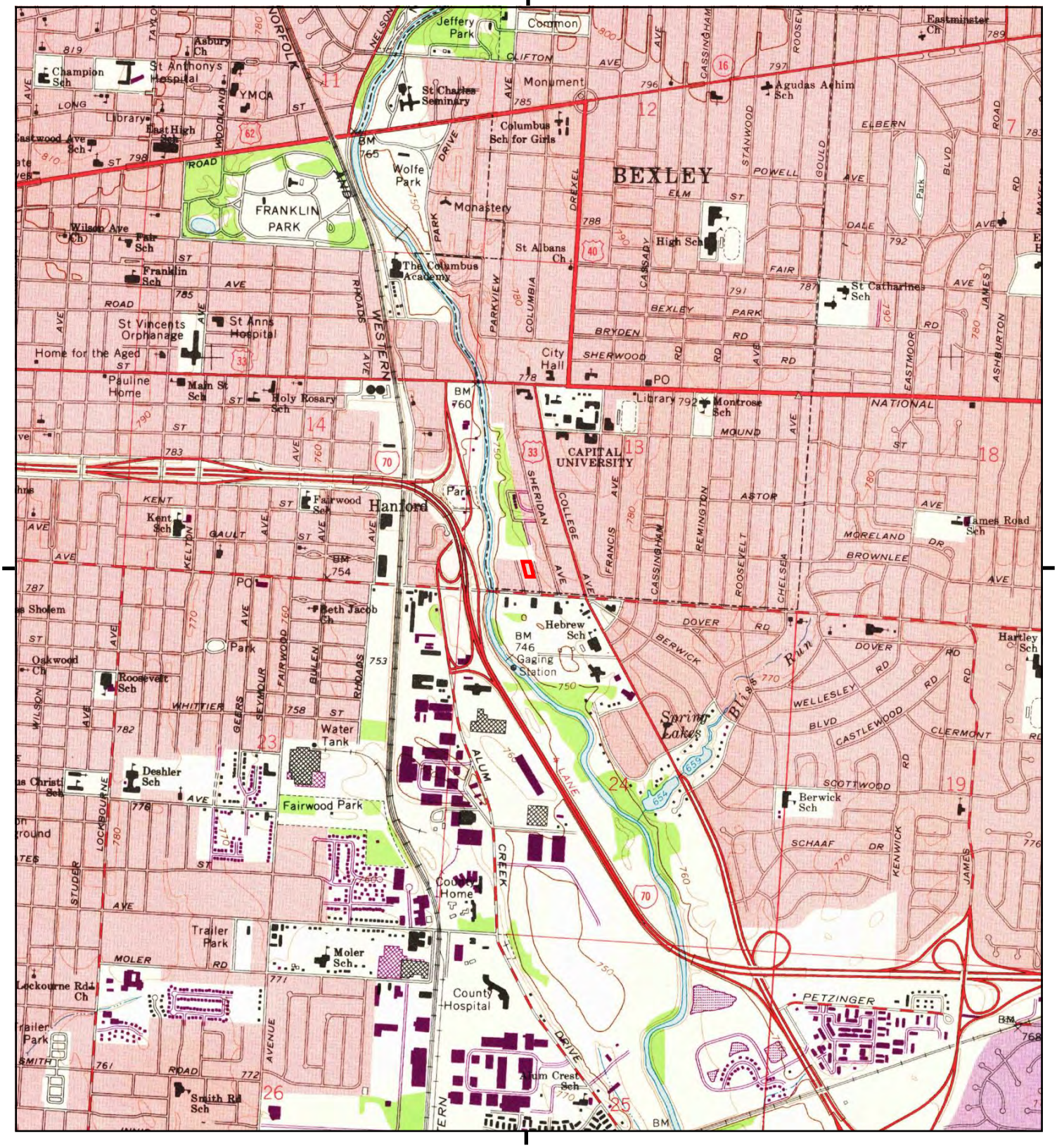
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Southeast Columbus, 1985, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N



This report includes information from the following map sheet(s).

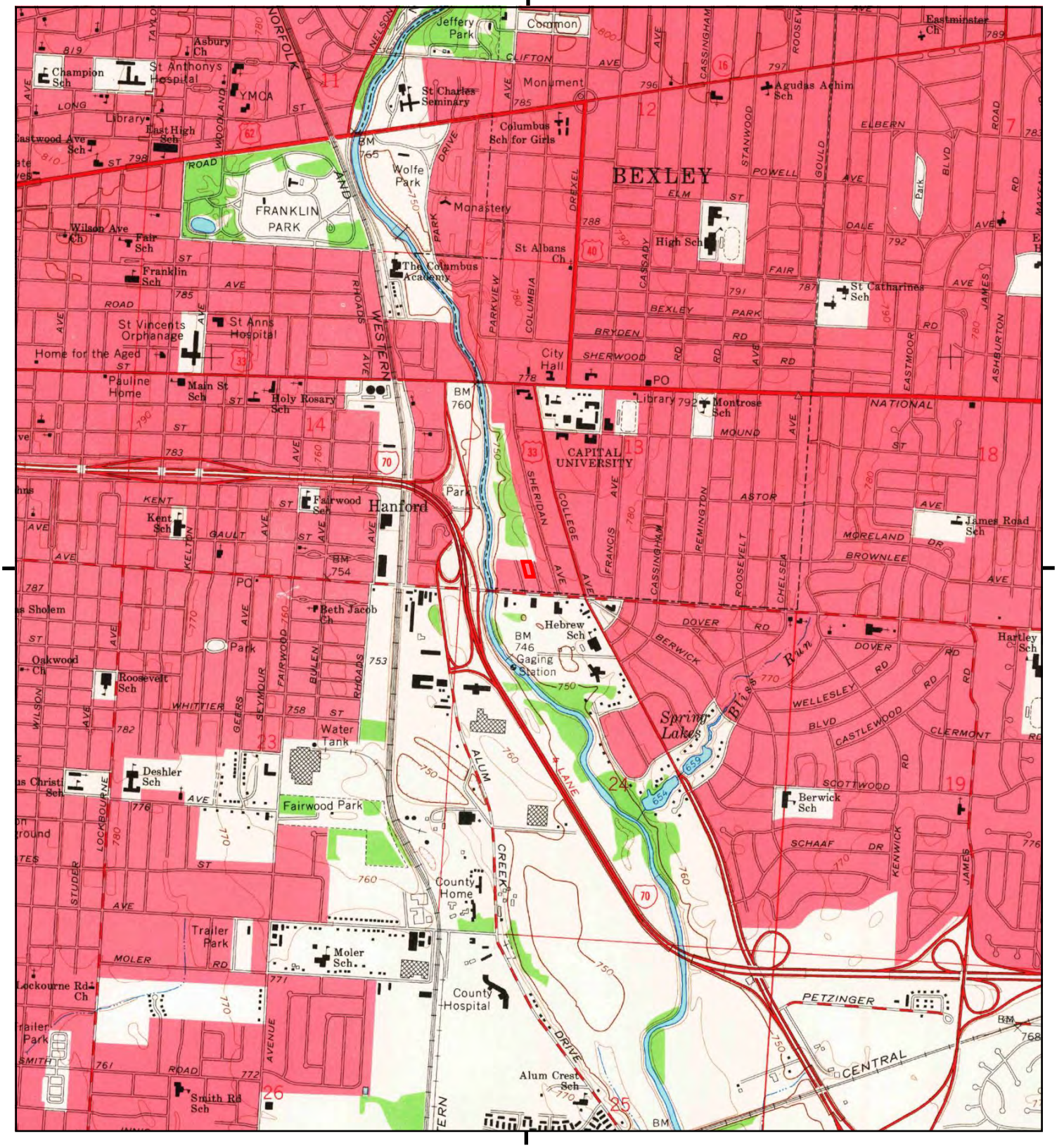
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Southeast Columbus, 1973, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

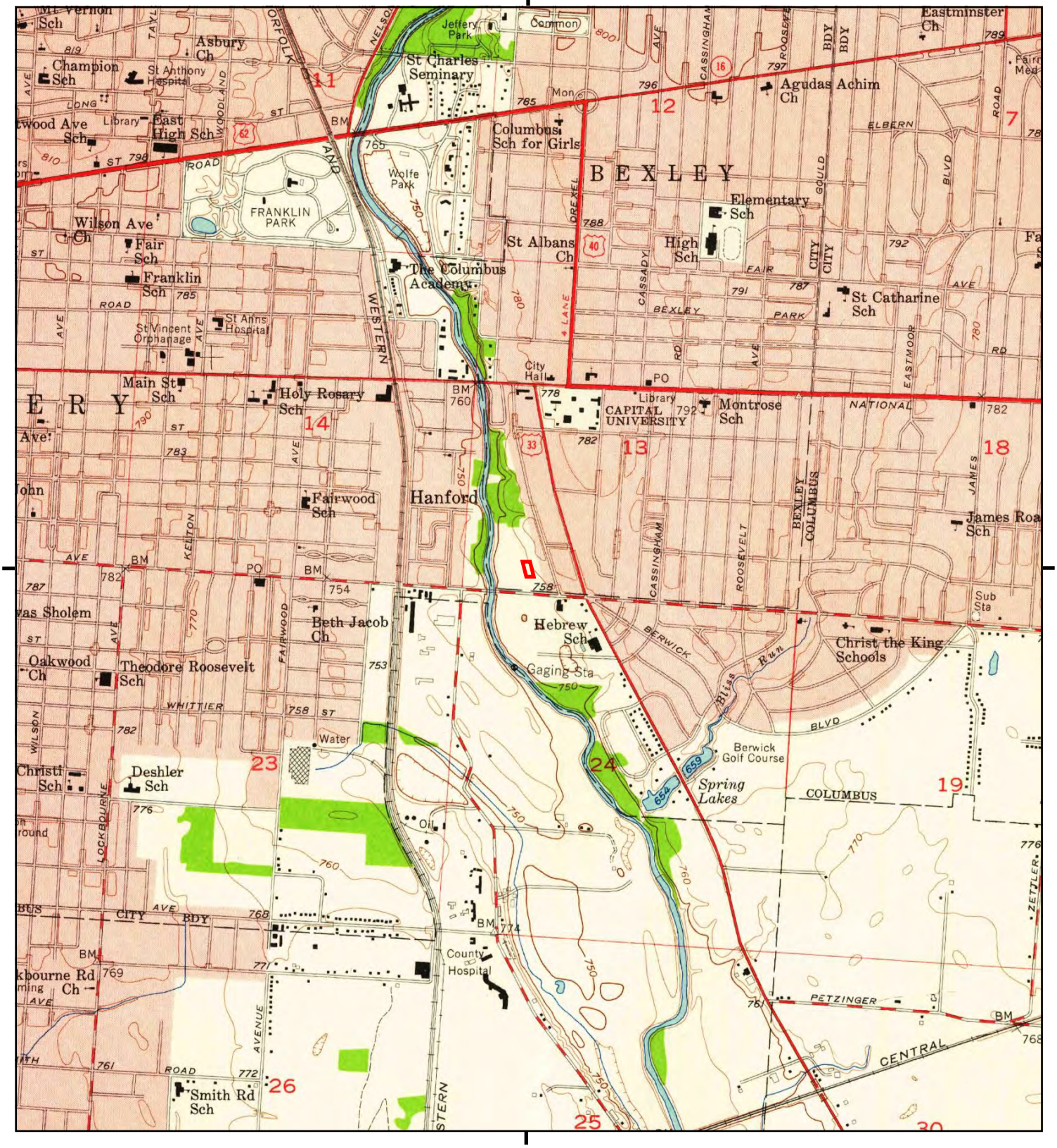
TP, Southeast Columbus, 1964, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1955



This report includes information from the following map sheet(s).

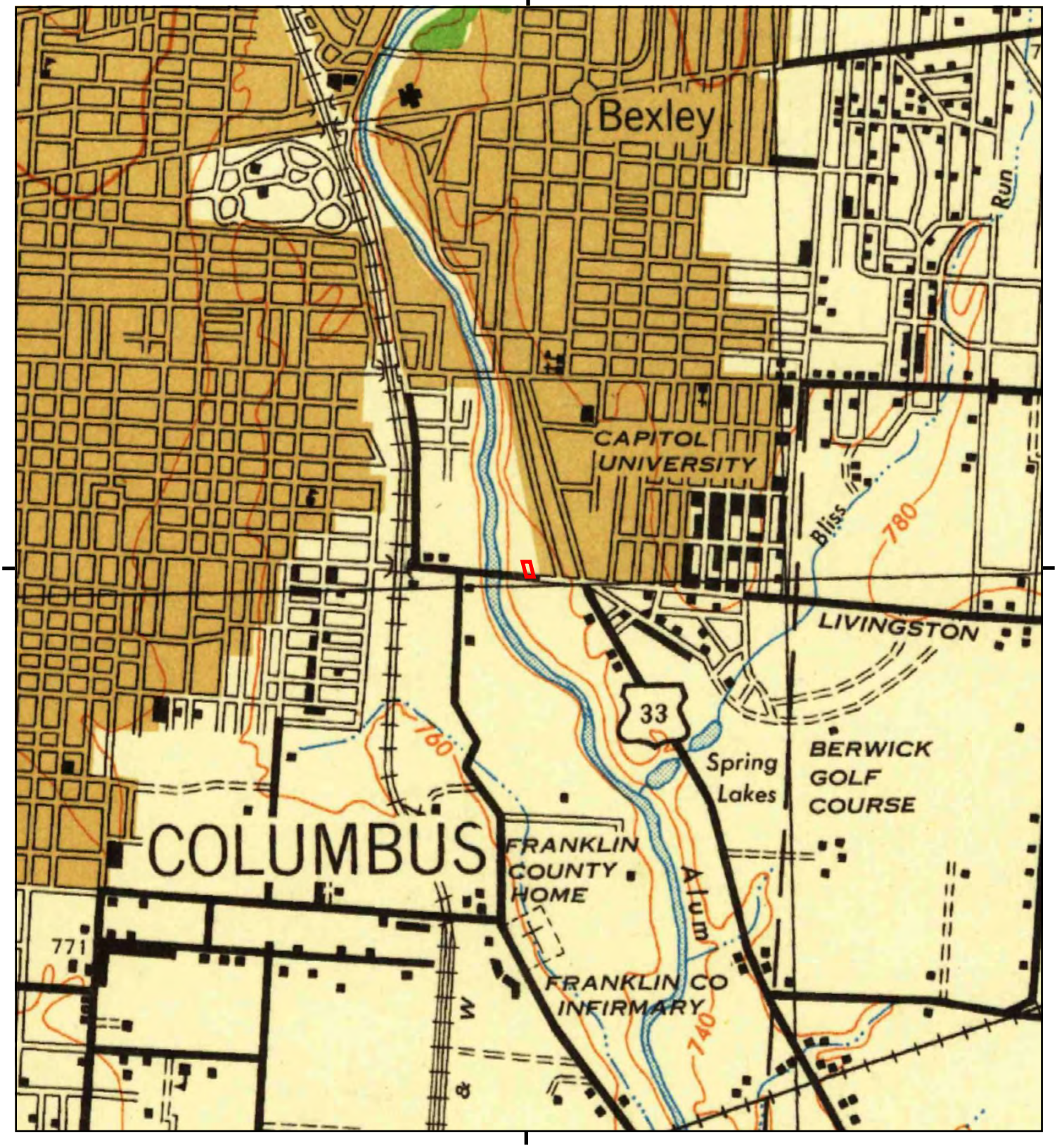
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Southeast Columbus, 1955, 7.5-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, East Columbus, 1943, 15-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1940

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EAST COLUMBUS, 1940, 15-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1925

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, East Columbus, 1925, 15-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

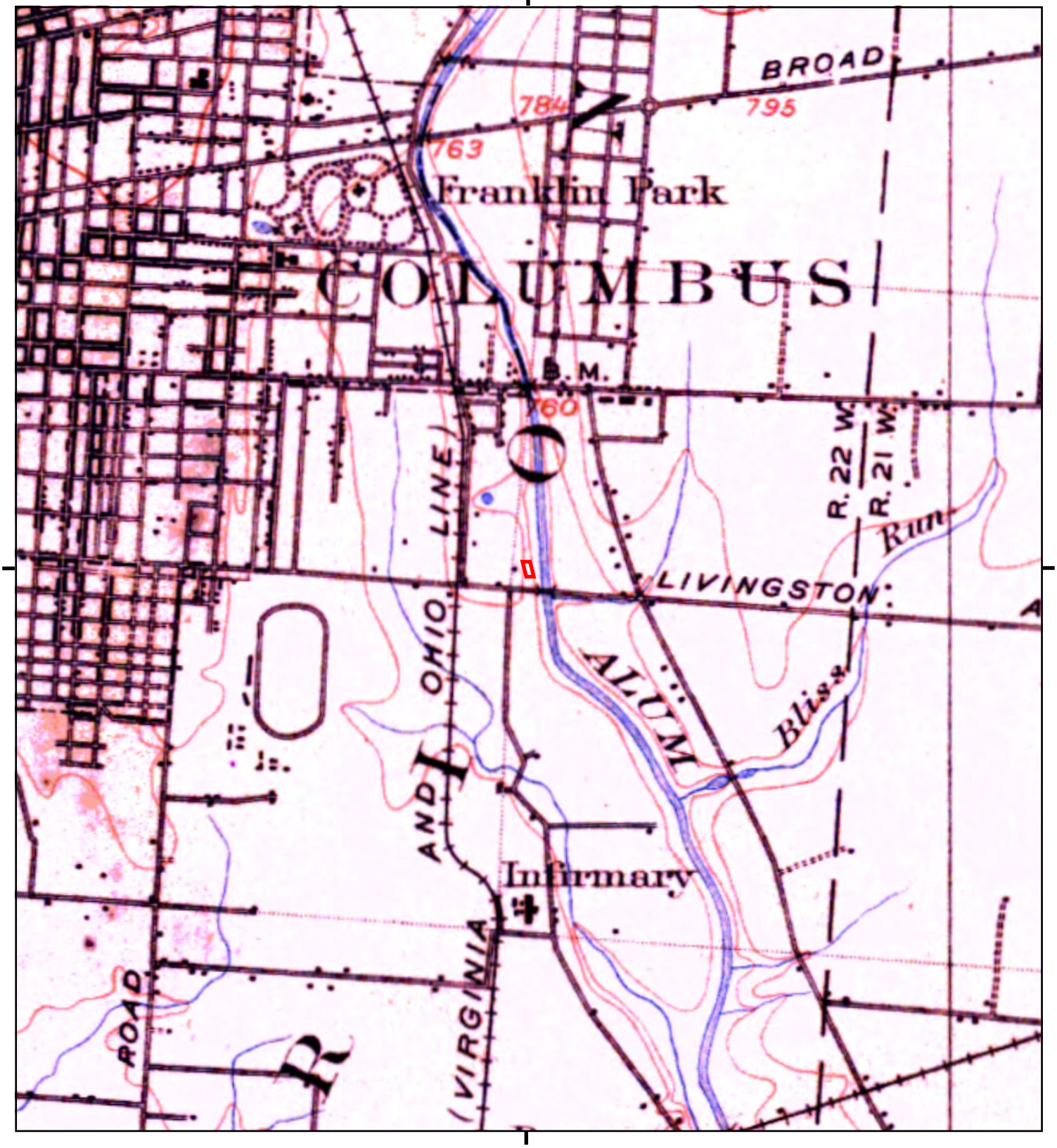
TP, COLUMBUS, 1912, 30-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

Historical Topo Map

1900



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, EAST COLUMBUS, 1900, 15-minute

SITE NAME: Bexley Ferndale
ADDRESS: 921 Ferndale Place
Columbus, OH 43209
CLIENT: Pandey Environmental, LLC

N

APPENDIX C
AERIAL PHOTOGRAPHS

Bexley Ferndale

921 Ferndale Place

Columbus, OH 43209

Inquiry Number: 5196641.9

February 22, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/22/18

Site Name:

Bexley Ferndale
921 Ferndale Place
Columbus, OH 43209
EDR Inquiry # 5196641.9

Client Name:

Pandey Environmental, LLC
4100 Horizons Drive
Columbus, OH 43220-0000
Contact: Nick Vallera

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

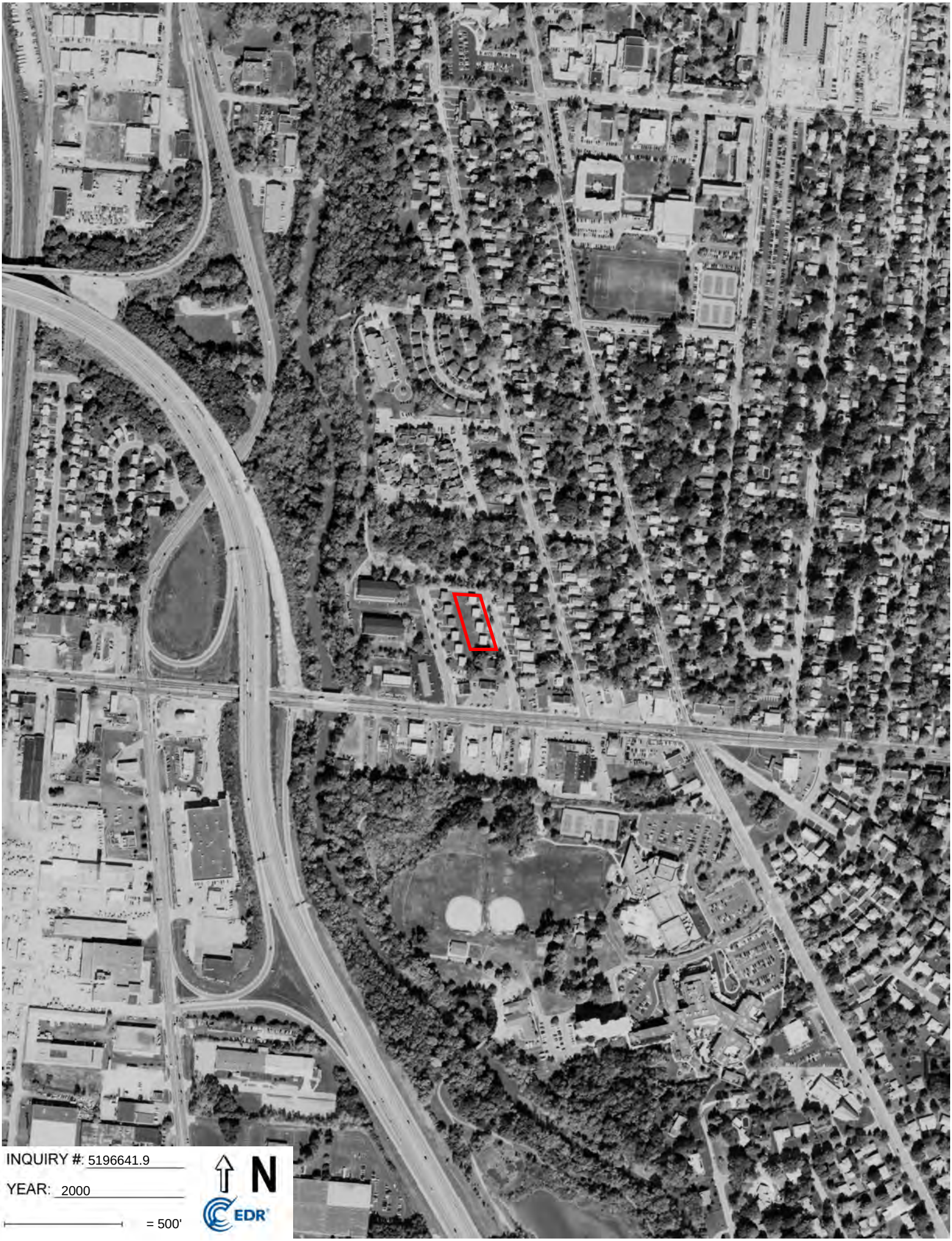
Search Results:

Year	Scale	Details	Source
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2000	1"=500'	Flight Date: October 11, 2000	USGS
1994	1"=500'	Acquisition Date: March 23, 1994	USGS/DOQQ
1988	1"=500'	Flight Date: April 09, 1988	USGS
1983	1"=500'	Flight Date: April 26, 1983	USGS
1972	1"=500'	Flight Date: April 18, 1972	USDA
1964	1"=500'	Flight Date: June 11, 1964	USDA
1957	1"=500'	Flight Date: June 21, 1957	USDA
1950	1"=500'	Flight Date: August 14, 1950	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.


INQUIRY #: 5196641.9
YEAR: 2011
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 2006
= 500'
N
EDR

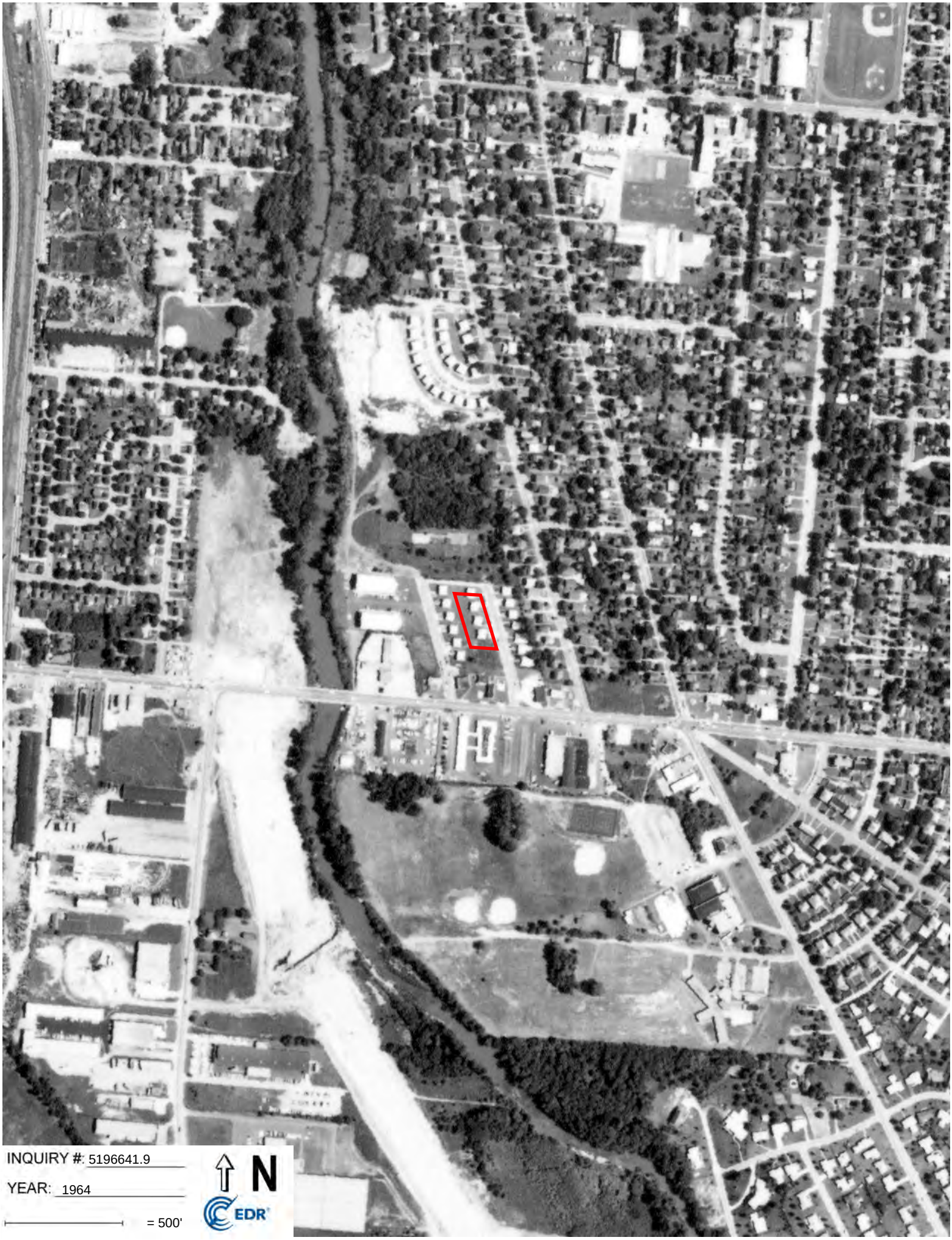

INQUIRY #: 5196641.9
YEAR: 2000
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1988
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1972
= 500'
N
EDR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YEAR: 1964
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1957
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1950
= 500'
N
EDR


INQUIRY #: 5196641.9
YEAR: 1938
= 500'
N
EDR

APPENDIX D
SANBORN FIRE INSURANCE MAPS

Bexley Ferndale

921 Ferndale Place

Columbus, OH 43209

Inquiry Number: 5196641.3

February 22, 2018

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/22/18

Site Name:

Bexley Ferndale
921 Ferndale Place
Columbus, OH 43209
EDR Inquiry # 5196641.3

Client Name:

Pandey Environmental, LLC
4100 Horizons Drive
Columbus, OH 43220-0000
Contact: Nick Vallera

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Pandey Environmental, LLC were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3129-48AD-817A

PO # NA

Project Bexley Ferndale Place

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 3129-48AD-817A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX E
EDR ENVIRONMENTAL DATABASE REPORT

Bexley Ferndale
921 Ferndale Place
Columbus, OH 43209

Inquiry Number: 5196641.2s
February 22, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

921 FERNDALE PLACE
COLUMBUS, OH 43209

COORDINATES

Latitude (North):	39.9492900 - 39° 56' 57.44''
Longitude (West):	82.9403170 - 82° 56' 25.14''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	334242.7
UTM Y (Meters):	4423721.5
Elevation:	759 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5964751 SOUTHEAST COLUMBUS, OH
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150716
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
921 FERNDALE PLACE
COLUMBUS, OH 43209

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		953 FERNDALE PL	LEAD	Lower	69, 0.013, SSE
A2	BEXLEY MUFFLER KING	2140 EAST LIVINGSTON	CRO	Lower	202, 0.038, South
A3	MUFFLER KING, INC.	2140 E LIVINGSTON AV	ARCHIVE UST	Lower	202, 0.038, South
A4	GETREU TEXACO SERV	2140 E LIVINGSTON	EDR Hist Auto	Lower	202, 0.038, South
A5	MUFFLER KING	2140 LIVINGSTON AVE	RGA LUST	Lower	202, 0.038, South
A6	MUFFLER KING	2140 LIVINGSTON AVE	UNREG LTANKS, SPILLS	Lower	202, 0.038, South
A7	MUFFLER KING, INC.	2140 E LIVINGSTON AV	UST	Lower	202, 0.038, South
B8	SCOTT S SHIRT LAUNDR	2110 E LIVINGSTON	EDR Hist Cleaner	Lower	254, 0.048, SSW
A9	SEVRANCE TOWN CENTER	3640 MAYFIELD RD	SPILLS	Lower	256, 0.048, SSW
A10	WEBSTER MILO D	2172 E LIVINGSTON	EDR Hist Auto	Lower	266, 0.050, SE
A11	MS TINA SWANGER	2172 E LIVINGSTON	SPILLS	Lower	266, 0.050, SE
A12	MAYFIELD COIN OPERAT	6149 MAYFIELD RIDG	EDR Hist Cleaner	Lower	269, 0.051, SSW
B13	#261 LIVINGSTON AVE.	2080 E LIVINGSTON AV	RGA LUST	Lower	321, 0.061, SW
B14	#261 LIVINGSTON AVE.	2080 E LIVINGSTON AV	LUST, UST	Lower	321, 0.061, SW
C15	FORMER SUN OIL	2182 E LIVINGSTON AV	LUST	Higher	350, 0.066, SE
C16	FORMER SUN OIL	2182 E LIVINGSTON AV	RGA LUST	Higher	350, 0.066, SE
C17	BURNSIDE SUNOCO SERV	2182 E LIVINGSTON	EDR Hist Auto	Higher	350, 0.066, SE
B18	LIVINGSTON EXXON	2097 E LIVINGSTON	RGA LUST	Lower	394, 0.075, SSW
B19	THORNTONS INC. #68	2097 E LIVINGSTON	RGA LUST	Lower	394, 0.075, SSW
B20	THORNTONS INC	2097 E LIVINGSTON AV	EDR Hist Auto	Lower	394, 0.075, SSW
B21	THORNTON OIL 68	2097 E LIVINGSTON AV	FINDS	Lower	394, 0.075, SSW
B22	LIVINGSTON EXXON	2097 E LIVINGSTON	LUST, UST, ARCHIVE UST	Lower	394, 0.075, SSW
B23	THORTON'S INC #68	2097 LIVINGSTON AVE	UIC	Lower	394, 0.075, SSW
B24	TIM HORTONS	2060 E LIVINGSTON AV	NPDES	Lower	431, 0.082, SW
B25	SOHIO SERVICE STA	2080 E LIVINGSTON	EDR Hist Auto	Lower	443, 0.084, WSW
B26	#261 LIVINGSTON AVE.	2080 E LIVINGSTON AV	ARCHIVE UST	Lower	443, 0.084, WSW
B27	BP OIL CO	2080 E LIVINGSTON AV	RCRA-CESQG, FINDS, ECHO	Lower	443, 0.084, WSW
C28	BEXLEY PLAZA SHOPPIN	2187 E LIVINGSTON AV	RGA LUST	Lower	482, 0.091, SE
C29	REAL ESTATE INVESTME	2187 E LIVINGSTON AV	ARCHIVE UST	Lower	482, 0.091, SE
C30	REAL ESTATE INVESTME	2187 E LIVINGSTON AV	RGA LUST	Lower	482, 0.091, SE
C31	REAL ESTATE INVESTME	2187 E LIVINGSTON AV	LUST, UST	Lower	482, 0.091, SE
C32	BEXLEY PLAZA SHOPPIN	2187 E LIVINGSTON AV	RGA LUST	Lower	482, 0.091, SE
D33		2087 EAST LIVINGSTON	DOT OPS	Lower	567, 0.107, SW
D34	RICKS AUTOMATIC CAR	2087 E LIVINGSTON AV	EDR Hist Auto	Lower	567, 0.107, SW
E35	DARBY SERVICE CO	2217 E LIVINGSTON	EDR Hist Auto	Higher	633, 0.120, SE
E36	MC KINLEY MOTOR SERV	2221 E LIVINGSTON	EDR Hist Auto	Higher	653, 0.124, SE
E37	SPEEDWAY #5194	2240 LIVINGSTON AVE	RGA LUST	Higher	709, 0.134, ESE
E38	STARVIN MARVIN 5194	2240 E LIVINGSTON	RCRA-CESQG, FINDS, ECHO	Higher	709, 0.134, ESE
E39	SPEEDWAY #5194	2240 E LIVINGSTON AV	LUST, UST, ARCHIVE UST	Higher	709, 0.134, ESE

MAPPED SITES SUMMARY

Target Property Address:
921 FERNDALE PLACE
COLUMBUS, OH 43209

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	SPEEDWAY SERVICE	2240 E LIVINGSTON	EDR Hist Auto	Higher	709, 0.134, ESE
E41	SPEEDWAY #5194	2240 E LIVINGSTON	RGA LUST	Higher	709, 0.134, ESE
E42	SPEEDWAY #5194	2240 E LIVINGSTON AV	RGA LUST	Higher	709, 0.134, ESE
43		956 COLLEGE AVE	LEAD	Higher	748, 0.142, East
E44	J & A PURE OIL	2253 LIVINGSTON	EDR Hist Auto	Higher	779, 0.148, ESE
E45	FORMER UNOCAL 9097-1	2253 E LIVINGSTON AV	RGA LUST	Higher	779, 0.148, ESE
E46	76 SERVICE STATION	2253 E LIVINGSTON AV	ARCHIVE UST	Higher	779, 0.148, ESE
E47	76 SERVICE STATION	2253 E LIVINGSTON AV	LUST, UST	Higher	779, 0.148, ESE
E48	UNOCAL	2253 E LIVINGSTON AV	RGA LUST	Higher	779, 0.148, ESE
E49	UNOCAL NO 123	2253 E LIVINGSTON AV	FINDS	Higher	779, 0.148, ESE
E50	76 SERVICE STATION	2253 E LIVINGSTON AV	RGA LUST	Higher	779, 0.148, ESE
51	BERWICK SHELL STATIO	2260 E LIVINGSTON	EDR Hist Auto	Higher	934, 0.177, ESE
F52	SAFETY KLEEN	I70 WB BTWN RT 33 &	SPILLS	Higher	949, 0.180, WSW
F53	LANDSTAR RANGER	I-70 EB 103 MM AT LI	SPILLS	Higher	949, 0.180, WSW
F54	MARION S GULF	1999 E LIVINGSTON	EDR Hist Auto	Higher	983, 0.186, WSW
F55	RMI TITANIUM	LIVINGSTON AVE & I-7	SPILLS	Higher	983, 0.186, WSW
56	KRAMER JOHN	1991 E LIVINGSTON	EDR Hist Auto	Lower	986, 0.187, SW
G57	ALUM CREEK GI, COLUM	RIVER MILE 3.8 N TO	DERR, VAPOR	Lower	1045, 0.198, NW
58	BERWICK DRY CLEANERS	1047 COLLEGE AVE	EDR Hist Cleaner	Higher	1063, 0.201, SE
H59	UNK	ALUM & LIVINGTON	SPILLS	Lower	1066, 0.202, West
I60		I-70 EB @ ALUM CREEK	SPILLS 90	Higher	1172, 0.222, WSW
61	SEWARD MOTOR FREIGHT	I71 WB ON ALUM CREEK	SPILLS	Higher	1196, 0.227, WNW
H62	COLUMBIA GAS TRANSMI	ALUM CREEK DR	FINDS, ECHO	Higher	1235, 0.234, West
I63	BP OIL CO. #07723	1971 E LIVINGSTON AV	RGA LUST	Higher	1243, 0.235, WSW
I64	BP OIL CO. #07723	1971 E LIVINGSTON AV	LUST, UST	Higher	1243, 0.235, WSW
I65	BP OIL CO. #07723	1971 E LIVINGSTON AV	ARCHIVE UST	Higher	1243, 0.235, WSW
I66	STANDARD OIL CO	1971 E LIVINGSTON	EDR Hist Auto	Higher	1243, 0.235, WSW
G67	HANFORD VILLAGE PARK	755 ALUM CREEK DR	NPDES	Lower	1255, 0.238, NW
68	COLUMBUS WWTP	2295 LIVINGSTON AVE	SPILLS	Higher	1297, 0.246, ESE
69		2012 KENT STREET	LEAD	Lower	1324, 0.251, NW
I70	UNK	ALUM CREEK & LIVINGS	SPILLS	Higher	1361, 0.258, WSW
I71	SOHIO	ALUM CREEK & LIVINGS	RGA LUST	Higher	1361, 0.258, WSW
I72	BP #07723	ALUM CREEK & LIVINGS	RGA LUST	Higher	1361, 0.258, WSW
I73	STANDARD OIL CO	LIVINGSTON & ALUM CR	SPILLS	Higher	1361, 0.258, WSW
I74	DIRECT TRANSIT	ALUM CREEK @ LIVINGS	SPILLS	Higher	1361, 0.258, WSW
I75	CAPITAL UNIVERSITY	ALUM CREEK AT LIVING	SPILLS	Higher	1363, 0.258, WSW
J76	SYNA LLC	995 ALUM CREEK DR	EDR Hist Auto	Higher	1422, 0.269, WSW
K77	LEO YASSENOFF JEWISH	1125 COLLEGE AVE	FINDS	Higher	1443, 0.273, SE
78		1937 CLAY CT	LEAD	Higher	1478, 0.280, West

MAPPED SITES SUMMARY

Target Property Address:
921 FERNDALE PLACE
COLUMBUS, OH 43209

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J79	RICH OIL NO 7152	1001 ALUM CREEK DR	FINDS	Higher	1494, 0.283, WSW
J80	ALUM CREEK MARATHON	1001 ALUM CREEK DR	RGA LUST	Higher	1494, 0.283, WSW
J81	SAVE MORE GAS STA	1001 ALUM CREEK DR	EDR Hist Auto	Higher	1494, 0.283, WSW
J82	RICH OIL NO 3752	1001 ALUM CREEK DR	RCRA NonGen / NLR, FINDS	Higher	1494, 0.283, WSW
J83	RICH OIL #3752	1001 ALUM CREEK DR	RGA LUST	Higher	1494, 0.283, WSW
J84	SAVE MOR STORE	1001 ALUM CREEK DRIV	SPILLS	Higher	1494, 0.283, WSW
J85	ALUM CREEK MARATHON	1001 ALUM CREEK DR	LUST, UST, ARCHIVE UST	Higher	1494, 0.283, WSW
J86	SCHALL C & C SUPER S	1931 E LIVINGSTON	EDR Hist Auto	Higher	1496, 0.283, WSW
J87	S LIVINGSTON INC	1937 E LIVINGSTON AV	RGA LUST	Lower	1515, 0.287, WSW
J88	SHELL GDF 234-1793-0	1937 E LIVINGSTON AV	FINDS	Lower	1515, 0.287, WSW
J89	LIVINGSTON SHELL	1937 E LIVINGSTON AV	LUST, UST, ARCHIVE UST	Lower	1515, 0.287, WSW
J90	TRUE NORTH #613	1937 E LIVINGSTON AV	RGA LUST	Lower	1515, 0.287, WSW
J91	SHELL OIL CO. #23417	1937 E LIVINGSTON AV	RGA LUST	Lower	1515, 0.287, WSW
J92	MACCULOH CHAD	1937 E LIVINGSTON AV	EDR Hist Auto	Lower	1515, 0.287, WSW
L93	LOGISTICS TRUCKING C	1100 ALUM CREEK DR	SPILLS	Higher	1515, 0.287, SW
J94	RICH OIL NO 3752 *	1001 ALUM CREEK DR	ECHO	Higher	1539, 0.291, WSW
95	FREMONT CONTRACT CAR	ODOT ROW N OF 1954 C	SPILLS	Lower	1551, 0.294, WNW
M96	HERITAGE TOWER	1151 COLLEGE AVE	UNREG LTANKS, NPDES	Lower	1558, 0.295, SSE
M97	WEXNER HERITAGE HOUS	1151 COLLEGE AVE	UST, ARCHIVE UST	Lower	1558, 0.295, SSE
M98	HERITAGE TOWER	1151 COLLEGE AVE	RGA LUST	Lower	1558, 0.295, SSE
99	UNK	807 LYMAN AVE	SPILLS	Lower	1588, 0.301, NW
N100	CLARK OIL CO	1910 E LIVINGSTON	EDR Hist Auto	Higher	1637, 0.310, West
O101		2326 BERWICK RD.	LEAD	Higher	1643, 0.311, ESE
O102		2326 BERWICK	LEAD	Higher	1643, 0.311, ESE
K103	OLEG LUNIN	1145 COLLEGE AVE APT	SPILLS	Higher	1643, 0.311, SE
K104	HERITAGE TOWER	1145 COLLEGE AVE	UST	Higher	1643, 0.311, SE
L105	OBERFIELDS INC	1165 ALUM CREEK DR	RCRA-CESQG, FINDS, ECHO	Higher	1677, 0.318, SW
P106	PERMA-FLEX MOLD CO I	1919 E LIVINGSTON AV	FINDS	Lower	1697, 0.321, WSW
P107	PERMA-FLEX MOLD CO	1919 EAST LIVINGSTON	SPILLS	Lower	1697, 0.321, WSW
Q108		1905 GAULT	LEAD	Higher	1702, 0.322, West
N109	FAMILY DOLLAR #10063	1900 E LIVINGSTON AV	RCRA-CESQG, FINDS, ECHO	Higher	1710, 0.324, West
O110		2338 BERWICK	LEAD	Higher	1751, 0.332, ESE
O111		2353 E. LIVINGSTON A	LEAD	Higher	1751, 0.332, ESE
Q112	SUPERIOR WELDING CO	906 S NELSON RD	NPDES	Lower	1807, 0.342, West
113	POLSON RESIDENCE - R	2372 EAST LIVINGSTON	SPILLS	Higher	1820, 0.345, ESE
114	64 66 WISCONSIN LLC	681 COLLEGE AVE	EDR Hist Auto	Higher	1825, 0.346, North
R115	NATIONWIDE TRUCK BRO	1156 ALUM CREEK DR	SPILLS	Higher	1834, 0.347, SSW
S116	PREFAB TRANSIT	1185 ALUM CREEK DR	LUST	Lower	1913, 0.362, SW
S117	PREFAB TRANSIT	1185 ALUM CREEK DR	RGA LUST	Lower	1913, 0.362, SW

MAPPED SITES SUMMARY

Target Property Address:
921 FERNDALE PLACE
COLUMBUS, OH 43209

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
118	VERIZON WIRELESS - N	861 NELSON RD	FINDS	Lower	1949, 0.369, WNW
T119	UNK	KENTON AVE E END AT	SPILLS	Lower	1959, 0.371, NNW
T120		2052 KENTON AVE.	LEAD	Lower	1986, 0.376, NNW
T121		2052 KENTON AVENUE	LEAD	Lower	1986, 0.376, NNW
T122		2052 KENTON ST	LEAD	Lower	1990, 0.377, NNW
U123	BYNUM HOBERT	1889 E LIVINGSTON	EDR Hist Auto	Lower	2012, 0.381, WSW
U124	UNK	MEMORY LANE BETWEEN	SPILLS	Lower	2012, 0.381, WSW
R125	COMMUNITY BUS SERVIC	1160 ALUM CREEK DR	FINDS	Lower	2014, 0.381, SSW
R126	SENTEK CORP	1160B ALUM CREEK DR	SPILLS, NPDES	Lower	2014, 0.381, SSW
V127	OHIO POWER	1993 KENTON ST	SPILLS	Higher	2056, 0.389, NW
V128		1993 KENTON ST	ERNS	Higher	2056, 0.389, NW
129	OBERFIELD'S INC PLAN	1221 ALUM CREEK DR	FINDS	Lower	2094, 0.397, SW
W130	BAYLOR TRUCKING INC	1245 ALUM CREEK DR	SPILLS	Lower	2113, 0.400, SW
W131	USA TRUCK	1245 ALUM CREEK DR	SPILLS	Lower	2113, 0.400, SW
W132		1245 ALUM CREEK DR	ERNS	Lower	2113, 0.400, SW
W133	BFGOODRICH ARROWHEAD	1251 ALUM CREEK DR.	RCRA NonGen / NLR, FINDS, ECHO	Lower	2122, 0.402, SW
W134	BF GOODRICH ARROWHEA	1251 ALUM CREEK DR	SPILLS	Lower	2122, 0.402, SW
V135	CURTIS LESTER F	2018 KENTON AV HA	EDR Hist Auto	Higher	2159, 0.409, NW
136	CAPITAL UNIVERSITY	789 EUCLAIRE AVE OFF	SPILLS	Higher	2174, 0.412, NE
X137	THE FINE LINE AUTO B	2071 PAYNE AVE	RCRA-SQG, FINDS, ECHO	Lower	2206, 0.418, NNW
X138	FINE LINE AUTO	2071 PAYNE AVE OFF L	SPILLS	Lower	2206, 0.418, NNW
V139	LISTONS PAINTING INC	1982 KENTON AVE	RCRA-CESQG, FINDS, ECHO	Lower	2252, 0.427, NW
Y140	CONTAINER MANAGEMENT	1826 EAST LIVINGSTON	FINDS, ECHO	Lower	2260, 0.428, West
Y141	HOFFMAN CONTAINER	1826 EAST LIVINGSTON	US BROWNFIELDS	Lower	2260, 0.428, West
Y142	HOFFMAN CONTAINER CO	1826 LIVINGSTON AVE	DERR, VAPOR	Lower	2260, 0.428, West
Y143	GENERAL THEMING CONT	1826 E LIVINGSTON AV	RCRA-SQG	Lower	2260, 0.428, West
Y144	GENERAL THEMING CONT	1826 E LIVINGSTON AV	NPDES	Lower	2260, 0.428, West
145		728 FRANCIS AVENUE	LEAD	Higher	2263, 0.429, NE
Z146	COLUMBUS MARBLE PROD	808 RHOADS AVE	NPDES	Higher	2314, 0.438, WNW
147	COLUMBUS WWTP	RHOADS AVE & GAULT S	SPILLS	Lower	2335, 0.442, West
Z148	COLUMBUS MARBLE PROD	808 RHOADS AVE	FINDS	Higher	2368, 0.448, WNW
149	NOBLE S INC	666 S NELSON RD	EDR Hist Auto	Higher	2388, 0.452, NW
150	COLUMBUS WWTP	MEDFORD PL & BROOKWO	SPILLS	Lower	2400, 0.455, SSE
151	AMP-OHIO GAS TURBINE	1225 COLLEGE DRIVE -	FINDS	Higher	2406, 0.456, SE
AA152	CONNS POTATO CHIPS	1271 ALUM CREEK DR	SPILLS	Lower	2406, 0.456, SSW
AA153	CONNS POTATO CHIPS	1271 ALUM CREEK DR	ARCHIVE UST	Lower	2406, 0.456, SSW
AA154	CONN'S POTATO CHIPS	1271 ALUM CREEK DR	RGA LUST	Lower	2406, 0.456, SSW
AA155	CONN'S POTATO CHIPS	1271 ALUM CREEK DR	LUST, UST, NPDES	Lower	2406, 0.456, SSW
AB156	CAPITAL UNIVERSITY	2199 E MAIN ST	ICIS	Higher	2415, 0.457, North

MAPPED SITES SUMMARY

Target Property Address:
921 FERNDALE PLACE
COLUMBUS, OH 43209

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB157	CAPITAL UNIVERSITY	2199 E MAIN ST	RCRA-SQG, FTTS, HIST FTTS, FINDS, ECHO	Higher	2415, 0.457, North
158	CHARLES E MERRILL PU	1300 ALUM CREEK DR	FINDS	Lower	2424, 0.459, SSW
159	UNK	MEMORY LANE N 500 FE	SPILLS	Lower	2428, 0.460, SW
AC160	PLANT	580 HOLTZMAN AVE	EDR Hist Cleaner	Lower	2490, 0.472, NNW
AD161		1799 BIDE A WEE PARK	LEAD	Lower	2514, 0.476, West
AA162	SIGNATURE CABINETRY	1285 ALUM CREEK DR	NPDES	Lower	2524, 0.478, SSW
163	DRIVING PARK RECREAT	1100 RHOADS AVE	NPDES	Lower	2557, 0.484, WSW
AC164	MOBILE OIL PITSTOP L	572 S NELSON RD UNIT	FINDS, ECHO	Lower	2618, 0.496, NW
AC165	JERRY'S TRANSMISSION	572 S NELSON RD BLDG	RCRA NonGen / NLR	Lower	2618, 0.496, NW
AC166	COLUMBUS AUTORAMA	572 S NELSON RD BLDG	RCRA NonGen / NLR, FINDS, ECHO	Lower	2618, 0.496, NW
AC167	JERRY'S TRANSMISSION	572 S NELSON RD BLDG	FINDS, ECHO	Lower	2618, 0.496, NW
AC168	MCCOMBE BODY SHOP	572 S NELSON RD BLDG	RCRA NonGen / NLR, FINDS, ECHO	Lower	2618, 0.496, NW
AC169	MOBILE OIL PITSTOP L	572 S NELSON RD UNIT	RCRA-CESQG	Lower	2618, 0.496, NW
AC170	ME COMBE MOTORS	572 S NELSON RD	EDR Hist Auto	Lower	2618, 0.496, NW
AD171	CITY OF COLUMBUS	1800 LIVINGSTON AVE	ARCHIVE UST	Lower	2618, 0.496, West
AD172	IGEL CONSTRUCTION	1800 LIVINGSTON AVE	SPILLS	Lower	2618, 0.496, West
AD173	CITY OF COLUMBUS	1800 LIVINGSTON AVE	RGA LUST	Lower	2618, 0.496, West
AD174	CITY OF COLUMBUS	1800 LIVINGSTON AVE	LUST, UST	Lower	2618, 0.496, West
AD175	CITY OF COLUMBUS FIR	1800 LIVINGSTON AVE	RGA LUST	Lower	2618, 0.496, West
176	COLUMBUS CITY DUMP	1400 ALUM CREEK DR	SEMS-ARCHIVE, DERR, HIST LF	Lower	3572, 0.677, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

State- and tribal - equivalent CERCLIS

SHWS ---------- This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---- Licensed Solid Waste Facilities

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
AST ---- Above Ground Storage Tanks
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

HIST ENG CONTROLS ---- Operation & Maintenance Agreements Database
HIST INST CONTROLS ---- Institutional Controls Database
ENG CONTROLS ---- Sites with Engineering Controls
INST CONTROL ---- Sites with Institutional Engineering Controls

State and tribal voluntary cleanup sites

VCP ---- Voluntary Action Program Sites
INDIAN VCP ---- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---- Ohio Brownfield Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF ---- Old Solid Waste Landfill
SWRCY ---- Recycling Facility Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
CDL ---- Clandestine Drug Lab Locations
US CDL ---- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System

SPILLS 80 ---------- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
2020 COR ACTION ---------- 2020 Corrective Action Program List
TSCA ---------- Toxic Substances Control Act
TRIS ---------- Toxic Chemical Release Inventory System
SSTS ---------- Section 7 Tracking Systems
ROD ---------- Records Of Decision
RMP ---------- Risk Management Plans
RAATS ---------- RCRA Administrative Action Tracking System
PRP ---------- Potentially Responsible Parties
PADS ---------- PCB Activity Database System
MLTS ---------- Material Licensing Tracking System
COAL ASH DOE ---------- Steam-Electric Plant Operation Data
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---------- PCB Transformer Registration Database
RADINFO ---------- Radiation Information Database
CONSENT ---------- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---------- Indian Reservations
FUSRAP ---------- Formerly Utilized Sites Remedial Action Program
UMTRA ---------- Uranium Mill Tailings Sites
LEAD SMELTERS ---------- Lead Smelter Sites
US AIRS ---------- Aerometric Information Retrieval System Facility Subsystem
US MINES ---------- Mines Master Index File
ABANDONED MINES ---------- Abandoned Mines
UXO ---------- Unexploded Ordnance Sites
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
AIRS ---------- Title V Permits Listing
COAL ASH ---------- Coal Ash Disposal Site Listing
DRYCLEANERS ---------- Drycleaner Facility Listing
Financial Assurance ---------- Financial Assurance Information Listing
HIST USD ---------- Urban Setting Designations Database
TOWNGAS ---------- DERR Towngas Database
USD ---------- Urban Setting Designation Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 3 RCRA-SQG sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAPITAL UNIVERSITY	***2199 E MAIN ST***	***N 1/4 - 1/2 (0.457 mi.)***	***AB157***	***141***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
THE FINE LINE AUTO B	***2071 PAYNE AVE***	***NNW 1/4 - 1/2 (0.418 mi.)***	***X137***	***120***
GENERAL THEMING CONT	1826 E LIVINGSTON AV	W 1/4 - 1/2 (0.428 mi.)	Y143	130

RCRA-CESQG: RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/11/2017 has revealed that there are 6 RCRA-CESQG sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STARVIN MARVIN 5194	***2240 E LIVINGSTON***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E38***	***50***
OBERFIELDS INC	***1165 ALUM CREEK DR***	***SW 1/4 - 1/2 (0.318 mi.)***	***L105***	***103***
FAMILY DOLLAR #10063	***1900 E LIVINGSTON AV***	***W 1/4 - 1/2 (0.324 mi.)***	***N109***	***106***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
BP OIL CO	***2080 E LIVINGSTON AV***	***WSW 0 - 1/8 (0.084 mi.)***	***B27***	***42***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LISTONS PAINTING INC	***1982 KENTON AVE***	***NW 1/4 - 1/2 (0.427 mi.)***	***V139***	***124***
MOBILE OIL PITSTOP L	572 S NELSON RD UNIT	NW 1/4 - 1/2 (0.496 mi.)	AC169	154

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/18/2017 has revealed that there are 2 ERNS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1993 KENTON ST	NW 1/4 - 1/2 (0.389 mi.)	V128	116

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1245 ALUM CREEK DR	SW 1/4 - 1/2 (0.400 mi.)	W132	117

State- and tribal - equivalent CERCLIS

DERR: The DERR database is an index of sites for which Ohio EPA maintains files. It includes sites with known or suspected contamination, but a site's inclusion in the database does not mean that it is now or has ever been contaminated.

A review of the DERR list, as provided by EDR, and dated 09/18/2017 has revealed that there are 3 DERR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALUM CREEK GI, COLUM	***RIVER MILE 3.8 N TO***	***NW 1/8 - 1/4 (0.198 mi.)***	***G57***	***68***
DERR Id: 125001965				
Activity: SA				
HOFFMAN CONTAINER CO	***1826 LIVINGSTON AVE***	***W 1/4 - 1/2 (0.428 mi.)***	***Y142***	***129***
DERR Id: 125002255				
Activity: COF				
COLUMBUS CITY DUMP	***1400 ALUM CREEK DR***	***SSW 1/2 - 1 (0.677 mi.)***	***176***	***161***
DERR Id: 125000194				
Activity: SA				

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Commerce Division of State Fire Marshal's List of Reported Petroleum Underground Storage Tank Release Incidents.

A review of the LUST list, as provided by EDR, and dated 08/13/2017 has revealed that there are 12

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SUN OIL	2182 E LIVINGSTON AV	SE 0 - 1/8 (0.066 mi.)	C15	16
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
SPEEDWAY #5194	***2240 E LIVINGSTON AV***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E39***	***52***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
76 SERVICE STATION	***2253 E LIVINGSTON AV***	***ESE 1/8 - 1/4 (0.148 mi.)***	***E47***	***62***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
BP OIL CO. #07723	***1971 E LIVINGSTON AV***	***WSW 1/8 - 1/4 (0.235 mi.)***	***I64***	***71***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
ALUM CREEK MARATHON	***1001 ALUM CREEK DR***	***WSW 1/4 - 1/2 (0.283 mi.)***	***J85***	***83***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				

Lower Elevation	Address	Direction / Distance	Map ID	Page
#261 LIVINGSTON AVE.	***2080 E LIVINGSTON AV***	***SW 0 - 1/8 (0.061 mi.)***	***B14***	***13***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
LIVINGSTON EXXON	***2097 E LIVINGSTON***	***SSW 0 - 1/8 (0.075 mi.)***	***B22***	***19***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
REAL ESTATE INVESTME	***2187 E LIVINGSTON AV***	***SE 0 - 1/8 (0.091 mi.)***	***C31***	***46***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
LIVINGSTON SHELL	***1937 E LIVINGSTON AV***	***WSW 1/4 - 1/2 (0.287 mi.)***	***J89***	***91***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
PREFAB TRANSIT	1185 ALUM CREEK DR	SW 1/4 - 1/2 (0.362 mi.)	S116	111
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
CONN'S POTATO CHIPS	***1271 ALUM CREEK DR***	***SSW 1/4 - 1/2 (0.456 mi.)***	***AA155***	***139***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				
CITY OF COLUMBUS	***1800 LIVINGSTON AVE***	***W 1/4 - 1/2 (0.496 mi.)***	***AD174***	***159***
FR Status: Inactive FR Status: NFA: No Further Action				
Facility Status: Inactive FR Status: NFA: No Further Action				

UNREG LTANKS: A suspected or confirmed release of petroleum from a non-regulated UST.

A review of the UNREG LTANKS list, as provided by EDR, and dated 08/25/1999 has revealed that there are 2 UNREG LTANKS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MUFFLER KING	***2140 LIVINGSTON AVE***	***S 0 - 1/8 (0.038 mi.)***	***A6***	***10***

Facility Status: RPT
Facility Id: 253388
Incident Number: 251320100

HERITAGE TOWER Facility Status: DEF Facility Id: -0- Incident Number: 258159300	***1151 COLLEGE AVE***	***SSE 1/4 - 1/2 (0.295 mi.)***	***M96***	***98***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Commerce Division of State Fire Marshal's Facility File.

A review of the UST list, as provided by EDR, and dated 01/04/2018 has revealed that there are 13 UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY #5194 Facility Id: 25000606 Tank Status: CIU - Currently In Use	***2240 E LIVINGSTON AV***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E39***	***52***
76 SERVICE STATION Facility Id: 25000777 Tank Status: REM - Removed	***2253 E LIVINGSTON AV***	***ESE 1/8 - 1/4 (0.148 mi.)***	***E47***	***62***
BP OIL CO. #07723 Facility Id: 25001454 Tank Status: REM - Removed	***1971 E LIVINGSTON AV***	***WSW 1/8 - 1/4 (0.235 mi.)***	***I64***	***71***
ALUM CREEK MARATHON Facility Id: 25000436 Tank Status: REM - Removed Tank Status: CIU - Currently In Use	***1001 ALUM CREEK DR***	***WSW 1/4 - 1/2 (0.283 mi.)***	***J85***	***83***
HERITAGE TOWER Facility Id: 25011135 Tank Status: REM - Removed	1145 COLLEGE AVE	SE 1/4 - 1/2 (0.311 mi.)	K104	102

Lower Elevation	Address	Direction / Distance	Map ID	Page
MUFFLER KING, INC. Facility Id: 25003388 Tank Status: REM - Removed	2140 E LIVINGSTON AV	S 0 - 1/8 (0.038 mi.)	A7	10
#261 LIVINGSTON AVE. Facility Id: 25001665 Tank Status: REM - Removed	***2080 E LIVINGSTON AV***	***SW 0 - 1/8 (0.061 mi.)***	***B14***	***13***
LIVINGSTON EXXON Facility Id: 25001432 Tank Status: CIU - Currently In Use	***2097 E LIVINGSTON***	***SSW 0 - 1/8 (0.075 mi.)***	***B22***	***19***
REAL ESTATE INVESTME Facility Id: 25002517 Tank Status: REM - Removed	***2187 E LIVINGSTON AV***	***SE 0 - 1/8 (0.091 mi.)***	***C31***	***46***
LIVINGSTON SHELL	***1937 E LIVINGSTON AV***	***WSW 1/4 - 1/2 (0.287 mi.)***	***J89***	***91***

Facility Id: 25000129 Tank Status: CIU - Currently In Use				
WEXNER HERITAGE HOUS Facility Id: 25002626 Tank Status: CIU - Currently In Use	***1151 COLLEGE AVE***	***SSE 1/4 - 1/2 (0.295 mi.)***	***M97***	***98***
CONN'S POTATO CHIPS Facility Id: 25010851 Tank Status: CLO - In Place	***1271 ALUM CREEK DR***	***SSW 1/4 - 1/2 (0.456 mi.)***	***AA155***	***139***
CITY OF COLUMBUS Facility Id: 25000023 Tank Status: REM - Removed	***1800 LIVINGSTON AVE***	***W 1/4 - 1/2 (0.496 mi.)***	***AD174***	***159***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 01/19/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOFFMAN CONTAINER	1826 EAST LIVINGSTON	W 1/4 - 1/2 (0.428 mi.)	Y141	127

Local Lists of Registered Storage Tanks

ARCHIVE UST: Underground storage tank records that have been removed from the Underground Storage Tank database.

A review of the ARCHIVE UST list, as provided by EDR, and dated 01/04/2018 has revealed that there are 12 ARCHIVE UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY #5194 Facility Number: 25000606 Tank Status: CIU	***2240 E LIVINGSTON AV***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E39***	***52***
76 SERVICE STATION Facility Number: 25000777 Tank Status: REM	2253 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.148 mi.)	E46	61
BP OIL CO. #07723 Facility Number: 25001454 Tank Status: REM	1971 E LIVINGSTON AV	WSW 1/8 - 1/4 (0.235 mi.)	I65	73
ALUM CREEK MARATHON Facility Number: 25000436	***1001 ALUM CREEK DR***	***WSW 1/4 - 1/2 (0.283 mi.)***	***J85***	***83***

Tank Status: CIU
Tank Status: REM

Lower Elevation	Address	Direction / Distance	Map ID	Page
MUFFLER KING, INC. Facility Number: 25003388 Tank Status: REM	2140 E LIVINGSTON AV	S 0 - 1/8 (0.038 mi.)	A3	8
LIVINGSTON EXXON Facility Number: 25001432 Tank Status: CIU	***2097 E LIVINGSTON***	***SSW 0 - 1/8 (0.075 mi.)***	***B22***	***19***
#261 LIVINGSTON AVE. Facility Number: 25001665 Tank Status: REM	2080 E LIVINGSTON AV	WSW 0 - 1/8 (0.084 mi.)	B26	41
REAL ESTATE INVESTME Facility Number: 25002517 Tank Status: REM	2187 E LIVINGSTON AV	SE 0 - 1/8 (0.091 mi.)	C29	44
LIVINGSTON SHELL Facility Number: 25000129 Tank Status: CIU	***1937 E LIVINGSTON AV***	***WSW 1/4 - 1/2 (0.287 mi.)***	***J89***	***91***
WEXNER HERITAGE HOUS Facility Number: 25002626 Tank Status: CIU	***1151 COLLEGE AVE***	***SSE 1/4 - 1/2 (0.295 mi.)***	***M97***	***98***
CONNS POTATO CHIPS Facility Number: 25010851 Tank Status: CLO	1271 ALUM CREEK DR	SSW 1/4 - 1/2 (0.456 mi.)	AA153	138
CITY OF COLUMBUS Facility Number: 25000023 Tank Status: REM	1800 LIVINGSTON AVE	W 1/4 - 1/2 (0.496 mi.)	AD171	158

Records of Emergency Release Reports

SPILLS: The Spills Database comes from the Ohio EPA.

A review of the SPILLS list, as provided by EDR, and dated 05/12/2017 has revealed that there are 35 SPILLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAFETY KLEEN Spill No.: 8908-25-2991	I70 WB BTWN RT 33 &	WSW 1/8 - 1/4 (0.180 mi.)	F52	67
LANDSTAR RANGER Spill No.: 1105-25-1762	I-70 EB 103 MM AT LI	WSW 1/8 - 1/4 (0.180 mi.)	F53	67
RMI TITANIUM Spill No.: 9109-25-3904	LIVINGSTON AVE & I-7	WSW 1/8 - 1/4 (0.186 mi.)	F55	68
SEWARD MOTOR FREIGHT Spill No.: 9609-25-3855	I71 WB ON ALUM CREEK	WNW 1/8 - 1/4 (0.227 mi.)	61	70
COLUMBUS WWTP Spill No.: 1702-25-0324	2295 LIVINGSTON AVE	ESE 1/8 - 1/4 (0.246 mi.)	68	75
UNK	ALUM CREEK & LIVINGS	WSW 1/4 - 1/2 (0.258 mi.)	I70	77

Spill No.: 9907-25-2408				
STANDARD OIL CO Spill No.: 8404-25-0912	LIVINGSTON & ALUM CR	WSW 1/4 - 1/2 (0.258 mi.)	I73	77
DIRECT TRANSIT Spill No.: 9503-25-0964	ALUM CREEK @ LIVINGS	WSW 1/4 - 1/2 (0.258 mi.)	I74	78
CAPITAL UNIVERSITY Spill No.: 1002-25-0324	ALUM CREEK AT LIVING	WSW 1/4 - 1/2 (0.258 mi.)	I75	78
SAVE MOR STORE Spill No.: 9106-25-2153	1001 ALUM CREEK DRIV	WSW 1/4 - 1/2 (0.283 mi.)	J84	83
LOGISTICS TRUCKING C Spill No.: 9306-25-2599	1100 ALUM CREEK DR	SW 1/4 - 1/2 (0.287 mi.)	L93	97
OLEG LUNIN Spill No.: 1008-25-2323	1145 COLLEGE AVE APT	SE 1/4 - 1/2 (0.311 mi.)	K103	102
POLSON RESIDENCE - R Spill No.: 0803-25-0982	2372 EAST LIVINGSTON	ESE 1/4 - 1/2 (0.345 mi.)	113	110
NATIONWIDE TRUCK BRO Spill No.: 9709-25-3694	1156 ALUM CREEK DR	SSW 1/4 - 1/2 (0.347 mi.)	R115	111
OHIO POWER Spill No.: 1401-25-0121	1993 KENTON ST	NW 1/4 - 1/2 (0.389 mi.)	V127	115
CAPITAL UNIVERSITY Spill No.: 1002-25-0333	789 EUCLAIRE AVE OFF	NE 1/4 - 1/2 (0.412 mi.)	136	120

Lower Elevation	Address	Direction / Distance	Map ID	Page
MUFFLER KING Spill No.: 9112-25-5096	***2140 LIVINGSTON AVE***	***S 0 - 1/8 (0.038 mi.)***	***A6***	***10***
SEVRANCE TOWN CENTER Spill No.: 9608-18-3818	3640 MAYFIELD RD	SSW 0 - 1/8 (0.048 mi.)	A9	12
MS TINA SWANGER Spill No.: 9202-25-0445	2172 E LIVINGSTON	SE 0 - 1/8 (0.050 mi.)	A11	13
UNK Spill No.: 9207-25-2850	ALUM & LIVINGTON	W 1/8 - 1/4 (0.202 mi.)	H59	69
FREMONT CONTRACT CAR Spill No.: 1008-25-2335	ODOT ROW N OF 1954 C	WNW 1/4 - 1/2 (0.294 mi.)	95	97
UNK Spill No.: 9801-25-0113	807 LYMAN AVE	NW 1/4 - 1/2 (0.301 mi.)	99	100
PERMA-FLEX MOLD CO Spill No.: 9103-25-0668	1919 EAST LIVINGSTON	WSW 1/4 - 1/2 (0.321 mi.)	P107	105
UNK Spill No.: 9906-25-2166	KENTON AVE E END AT	NNW 1/4 - 1/2 (0.371 mi.)	T119	112
UNK Spill No.: 9205-25-1802	MEMORY LANE BETWEEN	WSW 1/4 - 1/2 (0.381 mi.)	U124	114
SENTEK CORP Spill No.: 0201-25-0273	***1160B ALUM CREEK DR***	***SSW 1/4 - 1/2 (0.381 mi.)***	***R126***	***115***
BAYLOR TRUCKING INC Spill No.: 1304-25-0884	1245 ALUM CREEK DR	SW 1/4 - 1/2 (0.400 mi.)	W130	116
USA TRUCK	1245 ALUM CREEK DR	SW 1/4 - 1/2 (0.400 mi.)	W131	117

Spill No.: 1309-25-2079				
BF GOODRICH ARROWHEA Spill No.: 9305-25-1956	1251 ALUM CREEK DR	SW 1/4 - 1/2 (0.402 mi.)	W134	119
FINE LINE AUTO Spill No.: 0505-25-2206	2071 PAYNE AVE OFF L	NNW 1/4 - 1/2 (0.418 mi.)	X138	124
COLUMBUS WWTP Spill No.: 0112-25-4673	RHOADS AVE & GAULT S	W 1/4 - 1/2 (0.442 mi.)	147	135
COLUMBUS WWTP Spill No.: 9812-25-5005	MEDFORD PL & BROOKWO	SSE 1/4 - 1/2 (0.455 mi.)	150	137
CONNS POTATO CHIPS Spill No.: 0306-25-2087	1271 ALUM CREEK DR	SSW 1/4 - 1/2 (0.456 mi.)	AA152	138
UNK Spill No.: 9511-25-4607	MEMORY LANE N 500 FE	SW 1/4 - 1/2 (0.460 mi.)	159	144
IGEL CONSTRUCTION Spill No.: 9212-25-5072	1800 LIVINGSTON AVE	W 1/4 - 1/2 (0.496 mi.)	AD172	159

SPILLS 90: Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

A review of the SPILLS 90 list, as provided by EDR, and dated 09/13/2012 has revealed that there is 1 SPILLS 90 site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Site Id: OHSP-1006-3189	I-70 EB @ ALUM CREEK	WSW 1/8 - 1/4 (0.222 mi.)	I60	69

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/11/2017 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RICH OIL NO 3752	***1001 ALUM CREEK DR***	***WSW 1/4 - 1/2 (0.283 mi.)***	***J82***	***81***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BFGOODRICH ARROWHEAD	***1251 ALUM CREEK DR.***	***SW 1/4 - 1/2 (0.402 mi.)***	***W133***	***117***
JERRY'S TRANSMISSION	572 S NELSON RD BLDG	NW 1/4 - 1/2 (0.496 mi.)	AC165	146
COLUMBUS AUTORAMA	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC166***	***148***
MCCOMBE BODY SHOP	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC168***	***150***

EXECUTIVE SUMMARY

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAPITAL UNIVERSITY	2199 E MAIN ST	N 1/4 - 1/2 (0.457 mi.)	AB156	140

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, has revealed that there is 1 FTTS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAPITAL UNIVERSITY	***2199 E MAIN ST***	***N 1/4 - 1/2 (0.457 mi.)***	***AB157***	***141***
Database: FTTS INSP, Date of Government Version: 04/09/2009				

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, has revealed that there is 1 HIST FTTS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAPITAL UNIVERSITY	***2199 E MAIN ST***	***N 1/4 - 1/2 (0.457 mi.)***	***AB157***	***141***
Database: HIST FTTS INSP, Date of Government Version: 10/19/2006				

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

A review of the DOT OPS list, as provided by EDR, and dated 07/31/2012 has revealed that there is 1 DOT OPS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	2087 EAST LIVINGSTON	SW 0 - 1/8 (0.107 mi.)	D33	47

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2017 has revealed that there are 27 FINDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STARVIN MARVIN 5194	***2240 E LIVINGSTON***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E38***	***50***
UNOCAL NO 123	2253 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.148 mi.)	E49	66
COLUMBIA GAS TRANSMI	***ALUM CREEK DR***	***W 1/8 - 1/4 (0.234 mi.)***	***H62***	***70***
LEO YASSENOFF JEWISH	1125 COLLEGE AVE	SE 1/4 - 1/2 (0.273 mi.)	K77	79
RICH OIL NO 7152	1001 ALUM CREEK DR	WSW 1/4 - 1/2 (0.283 mi.)	J79	80
RICH OIL NO 3752	***1001 ALUM CREEK DR***	***WSW 1/4 - 1/2 (0.283 mi.)***	***J82***	***81***
OBERFIELDS INC	***1165 ALUM CREEK DR***	***SW 1/4 - 1/2 (0.318 mi.)***	***L105***	***103***
FAMILY DOLLAR #10063	***1900 E LIVINGSTON AV***	***W 1/4 - 1/2 (0.324 mi.)***	***N109***	***106***
COLUMBUS MARBLE PROD	808 RHOADS AVE	WNW 1/4 - 1/2 (0.448 mi.)	Z148	136
AMP-OHIO GAS TURBINE	1225 COLLEGE DRIVE -	SE 1/4 - 1/2 (0.456 mi.)	151	137
CAPITAL UNIVERSITY	***2199 E MAIN ST***	***N 1/4 - 1/2 (0.457 mi.)***	***AB157***	***141***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THORNTON OIL 68	2097 E LIVINGSTON AV	SSW 0 - 1/8 (0.075 mi.)	B21	18
BP OIL CO	***2080 E LIVINGSTON AV***	***WSW 0 - 1/8 (0.084 mi.)***	***B27***	***42***
SHELL GDF 234-1793-0	1937 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.287 mi.)	J88	91
PERMA-FLEX MOLD CO I	1919 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.321 mi.)	P106	105
VERIZON WIRELESS - N	861 NELSON RD	WNW 1/4 - 1/2 (0.369 mi.)	118	112
COMMUNITY BUS SERVIC	1160 ALUM CREEK DR	SSW 1/4 - 1/2 (0.381 mi.)	R125	114
OBERFIELD'S INC PLAN	1221 ALUM CREEK DR	SW 1/4 - 1/2 (0.397 mi.)	129	116
BFGOODRICH ARROWHEAD	***1251 ALUM CREEK DR.***	***SW 1/4 - 1/2 (0.402 mi.)***	***W133***	***117***
THE FINE LINE AUTO B	***2071 PAYNE AVE***	***NNW 1/4 - 1/2 (0.418 mi.)***	***X137***	***120***
LISTONS PAINTING INC	***1982 KENTON AVE***	***NW 1/4 - 1/2 (0.427 mi.)***	***V139***	***124***
CONTAINER MANAGEMENT	***1826 EAST LIVINGSTON***	***W 1/4 - 1/2 (0.428 mi.)***	***Y140***	***126***
CHARLES E MERRILL PU	1300 ALUM CREEK DR	SSW 1/4 - 1/2 (0.459 mi.)	158	143
MOBILE OIL PITSTOP L	***572 S NELSON RD UNIT***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC164***	***145***
COLUMBUS AUTORAMA	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC166***	***148***
JERRY'S TRANSMISSION	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC167***	***150***
MCCOMBE BODY SHOP	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC168***	***150***

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 09/02/2017 has revealed that there are 15 ECHO sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STARVIN MARVIN 5194	***2240 E LIVINGSTON***	***ESE 1/8 - 1/4 (0.134 mi.)***	***E38***	***50***
COLUMBIA GAS TRANSMI	***ALUM CREEK DR***	***W 1/8 - 1/4 (0.234 mi.)***	***H62***	***70***
RICH OIL NO 3752 *	1001 ALUM CREEK DR	WSW 1/4 - 1/2 (0.291 mi.)	J94	97
OBERFIELDS INC	***1165 ALUM CREEK DR***	***SW 1/4 - 1/2 (0.318 mi.)***	***L105***	***103***
FAMILY DOLLAR #10063	***1900 E LIVINGSTON AV***	***W 1/4 - 1/2 (0.324 mi.)***	***N109***	***106***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAPITAL UNIVERSITY	***2199 E MAIN ST***	***N 1/4 - 1/2 (0.457 mi.)***	***AB157***	***141***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP OIL CO	***2080 E LIVINGSTON AV***	***WSW 0 - 1/8 (0.084 mi.)***	***B27***	***42***
BFGOODRICH ARROWHEAD	***1251 ALUM CREEK DR.***	***SW 1/4 - 1/2 (0.402 mi.)***	***W133***	***117***
THE FINE LINE AUTO B	***2071 PAYNE AVE***	***NNW 1/4 - 1/2 (0.418 mi.)***	***X137***	***120***
LISTONS PAINTING INC	***1982 KENTON AVE***	***NW 1/4 - 1/2 (0.427 mi.)***	***V139***	***124***
CONTAINER MANAGEMENT	***1826 EAST LIVINGSTON***	***W 1/4 - 1/2 (0.428 mi.)***	***Y140***	***126***
MOBILE OIL PITSTOP L	***572 S NELSON RD UNIT***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC164***	***145***
COLUMBUS AUTORAMA	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC166***	***148***
JERRY'S TRANSMISSION	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC167***	***150***
MCCOMBE BODY SHOP	***572 S NELSON RD BLDG***	***NW 1/4 - 1/2 (0.496 mi.)***	***AC168***	***150***

CRO: "Cessation of Regulated Operations" means the discontinuation or termination of regulated operations or the finalizing of any transaction or proceeding through which those operations are discontinued. "Regulated Operations" means the production, use, storage or handling of regulated substances.

A review of the CRO list, as provided by EDR, and dated 09/27/2017 has revealed that there is 1 CRO site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEXLEY MUFFLER KING Facility Id: 1137	2140 EAST LIVINGSTON	S 0 - 1/8 (0.038 mi.)	A2	8

Department of Health lead inspections included in the Environmental Licensing System.

A review of the LEAD list, as provided by EDR, and dated 12/18/2017 has revealed that there are 14 LEAD sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	956 COLLEGE AVE	E 1/8 - 1/4 (0.142 mi.)	43	59
Not reported	1937 CLAY CT	W 1/4 - 1/2 (0.280 mi.)	78	79
Not reported	2326 BERWICK RD.	ESE 1/4 - 1/2 (0.311 mi.)	O101	100
Not reported	2326 BERWICK	ESE 1/4 - 1/2 (0.311 mi.)	O102	101
Not reported	1905 GAULT	W 1/4 - 1/2 (0.322 mi.)	Q108	106
Not reported	2338 BERWICK	ESE 1/4 - 1/2 (0.332 mi.)	O110	109
Not reported	2353 E. LIVINGSTON A	ESE 1/4 - 1/2 (0.332 mi.)	O111	110
Not reported	728 FRANCIS AVENUE	NE 1/4 - 1/2 (0.429 mi.)	145	135

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	953 FERNDALE PL	SSE 0 - 1/8 (0.013 mi.)	A1	8
Not reported	2012 KENT STREET	NW 1/4 - 1/2 (0.251 mi.)	69	75
Not reported	2052 KENTON AVE.	NNW 1/4 - 1/2 (0.376 mi.)	T120	113
Not reported	2052 KENTON AVENUE	NNW 1/4 - 1/2 (0.376 mi.)	T121	113
Not reported	2052 KENTON ST	NNW 1/4 - 1/2 (0.377 mi.)	T122	113
Not reported	1799 BIDE A WEE PARK	W 1/4 - 1/2 (0.476 mi.)	AD161	144

EXECUTIVE SUMMARY

NPDES: General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

A review of the NPDES list, as provided by EDR, and dated 11/06/2017 has revealed that there are 10 NPDES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COLUMBUS MARBLE PROD Facility Npdes Permit: 4GRN00207*DG	808 RHOADS AVE	WNW 1/4 - 1/2 (0.438 mi.)	Z146	135

Lower Elevation	Address	Direction / Distance	Map ID	Page
TIM HORTONS Facility Npdes Permit: 4GC03952*AG	2060 E LIVINGSTON AV	SW 0 - 1/8 (0.082 mi.)	B24	40
HANFORD VILLAGE PARK Facility Npdes Permit: 4GC04852*AG	755 ALUM CREEK DR	NW 1/8 - 1/4 (0.238 mi.)	G67	75
HERITAGE TOWER Facility Npdes Permit: 4GC00227*AG	***1151 COLLEGE AVE***	***SSE 1/4 - 1/2 (0.295 mi.)***	***M96***	***98***
SUPERIOR WELDING CO Facility Npdes Permit: 4GRN00785*EG	906 S NELSON RD	W 1/4 - 1/2 (0.342 mi.)	Q112	110
SENTEK CORP Facility Npdes Permit: 4GRN00739*EG	***1160B ALUM CREEK DR***	***SSW 1/4 - 1/2 (0.381 mi.)***	***R126***	***115***
GENERAL THEMING CONT Facility Npdes Permit: 4GRN00195*DG	1826 E LIVINGSTON AV	W 1/4 - 1/2 (0.428 mi.)	Y144	134
CONN'S POTATO CHIPS Facility Npdes Permit: 4GRN00743*EG	***1271 ALUM CREEK DR***	***SSW 1/4 - 1/2 (0.456 mi.)***	***AA155***	***139***
SIGNATURE CABINETRY Facility Npdes Permit: 4GRN00776*EG	1285 ALUM CREEK DR	SSW 1/4 - 1/2 (0.478 mi.)	AA162	145
DRIVING PARK RECREAT Facility Npdes Permit: 4GC04848*AG	1100 RHOADS AVE	WSW 1/4 - 1/2 (0.484 mi.)	163	145

VAPOR: A listing of vapor intrusion related sites.

A review of the VAPOR list, as provided by EDR, and dated 09/18/2017 has revealed that there are 2 VAPOR sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALUM CREEK GI, COLUM	***RIVER MILE 3.8 N TO***	***NW 1/8 - 1/4 (0.198 mi.)***	***G57***	***68***
HOFFMAN CONTAINER CO	***1826 LIVINGSTON AVE***	***W 1/4 - 1/2 (0.428 mi.)***	***Y142***	***129***

UIC: A listing of underground injection well locations.

A review of the UIC list, as provided by EDR, and dated 04/08/2016 has revealed that there is 1 UIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THORTON'S INC #68 Facility Status: Temporarily Abandoned	2097 LIVINGSTON AVE	SSW 0 - 1/8 (0.075 mi.)	B23	23

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 24 EDR Hist Auto sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURNSIDE SUNOCO SERV	2182 E LIVINGSTON	SE 0 - 1/8 (0.066 mi.)	C17	17
DARBY SERVICE CO	2217 E LIVINGSTON	SE 0 - 1/8 (0.120 mi.)	E35	49
MC KINLEY MOTOR SERV	2221 E LIVINGSTON	SE 0 - 1/8 (0.124 mi.)	E36	50
SPEEDWAY SERVICE	2240 E LIVINGSTON	ESE 1/8 - 1/4 (0.134 mi.)	E40	58
J & A PURE OIL	2253 LIVINGSTON	ESE 1/8 - 1/4 (0.148 mi.)	E44	60
BERWICK SHELL STATIO	2260 E LIVINGSTON	ESE 1/8 - 1/4 (0.177 mi.)	51	66
MARION S GULF	1999 E LIVINGSTON	WSW 1/8 - 1/4 (0.186 mi.)	F54	67
STANDARD OIL CO	1971 E LIVINGSTON	WSW 1/8 - 1/4 (0.235 mi.)	I66	75
SYNA LLC	995 ALUM CREEK DR	WSW 1/4 - 1/2 (0.269 mi.)	J76	78
SAVE MORE GAS STA	1001 ALUM CREEK DR	WSW 1/4 - 1/2 (0.283 mi.)	J81	80
SCHALL C & C SUPER S	1931 E LIVINGSTON	WSW 1/4 - 1/2 (0.283 mi.)	J86	90
CLARK OIL CO	1910 E LIVINGSTON	W 1/4 - 1/2 (0.310 mi.)	N100	100
64 66 WISCONSIN LLC	681 COLLEGE AVE	N 1/4 - 1/2 (0.346 mi.)	114	111
CURTIS LESTER F	2018 KENTON AV HA	NW 1/4 - 1/2 (0.409 mi.)	V135	120
NOBLE S INC	666 S NELSON RD	NW 1/4 - 1/2 (0.452 mi.)	149	136

Lower Elevation	Address	Direction / Distance	Map ID	Page
GETREU TEXACO SERV	2140 E LIVINGSTON	S 0 - 1/8 (0.038 mi.)	A4	9
WEBSTER MILO D	2172 E LIVINGSTON	SE 0 - 1/8 (0.050 mi.)	A10	12
THORNTONS INC	2097 E LIVINGSTON AV	SSW 0 - 1/8 (0.075 mi.)	B20	18
SOHIO SERVICE STA	2080 E LIVINGSTON	WSW 0 - 1/8 (0.084 mi.)	B25	40
RICKS AUTOMATIC CAR	2087 E LIVINGSTON AV	SW 0 - 1/8 (0.107 mi.)	D34	49
KRAMER JOHN	1991 E LIVINGSTON	SW 1/8 - 1/4 (0.187 mi.)	56	68
MACCULOH CHAD	1937 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.287 mi.)	J92	96
BYNUM HOBERT	1889 E LIVINGSTON	WSW 1/4 - 1/2 (0.381 mi.)	U123	114
ME COMBE MOTORS	572 S NELSON RD	NW 1/4 - 1/2 (0.496 mi.)	AC170	156

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and

operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 4 EDR Hist Cleaner sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BERWICK DRY CLEANERS	1047 COLLEGE AVE	SE 1/8 - 1/4 (0.201 mi.)	58	69

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCOTT S SHIRT LAUNDR	2110 E LIVINGSTON	SSW 0 - 1/8 (0.048 mi.)	B8	11
MAYFIELD COIN OPERAT	6149 MAYFIELD RIDG	SSW 0 - 1/8 (0.051 mi.)	A12	13
PLANT	580 HOLTZMAN AVE	NNW 1/4 - 1/2 (0.472 mi.)	AC160	144

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Commerce in Ohio.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 27 RGA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SUN OIL	2182 E LIVINGSTON AV	SE 0 - 1/8 (0.066 mi.)	C16	16
SPEEDWAY #5194	2240 LIVINGSTON AVE	ESE 1/8 - 1/4 (0.134 mi.)	E37	50
SPEEDWAY #5194	2240 E LIVINGSTON	ESE 1/8 - 1/4 (0.134 mi.)	E41	59
SPEEDWAY #5194	2240 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.134 mi.)	E42	59
FORMER UNOCAL 9097-1	2253 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.148 mi.)	E45	60
UNOCAL	2253 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.148 mi.)	E48	65
76 SERVICE STATION	2253 E LIVINGSTON AV	ESE 1/8 - 1/4 (0.148 mi.)	E50	66
BP OIL CO. #07723	1971 E LIVINGSTON AV	WSW 1/8 - 1/4 (0.235 mi.)	I63	70
SOHIO	ALUM CREEK & LIVINGS	WSW 1/4 - 1/2 (0.258 mi.)	I71	77
BP #07723	ALUM CREEK & LIVINGS	WSW 1/4 - 1/2 (0.258 mi.)	I72	77
ALUM CREEK MARATHON	1001 ALUM CREEK DR	WSW 1/4 - 1/2 (0.283 mi.)	J80	80
RICH OIL #3752	1001 ALUM CREEK DR	WSW 1/4 - 1/2 (0.283 mi.)	J83	82

Lower Elevation	Address	Direction / Distance	Map ID	Page
MUFFLER KING	2140 LIVINGSTON AVE	S 0 - 1/8 (0.038 mi.)	A5	9
#261 LIVINGSTON AVE.	2080 E LIVINGSTON AV	SW 0 - 1/8 (0.061 mi.)	B13	13
LIVINGSTON EXXON	2097 E LIVINGSTON	SSW 0 - 1/8 (0.075 mi.)	B18	17
THORNTONS INC. #68	2097 E LIVINGSTON	SSW 0 - 1/8 (0.075 mi.)	B19	17
BEXLEY PLAZA SHOPPIN	2187 E LIVINGSTON AV	SE 0 - 1/8 (0.091 mi.)	C28	44
REAL ESTATE INVESTME	2187 E LIVINGSTON AV	SE 0 - 1/8 (0.091 mi.)	C30	45
BEXLEY PLAZA SHOPPIN	2187 E LIVINGSTON AV	SE 0 - 1/8 (0.091 mi.)	C32	47
S LIVINGSTON INC	1937 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.287 mi.)	J87	91
TRUE NORTH #613	1937 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.287 mi.)	J90	95
SHELL OIL CO. #23417	1937 E LIVINGSTON AV	WSW 1/4 - 1/2 (0.287 mi.)	J91	96
HERITAGE TOWER	1151 COLLEGE AVE	SSE 1/4 - 1/2 (0.295 mi.)	M98	100
PREFAB TRANSIT	1185 ALUM CREEK DR	SW 1/4 - 1/2 (0.362 mi.)	S117	112

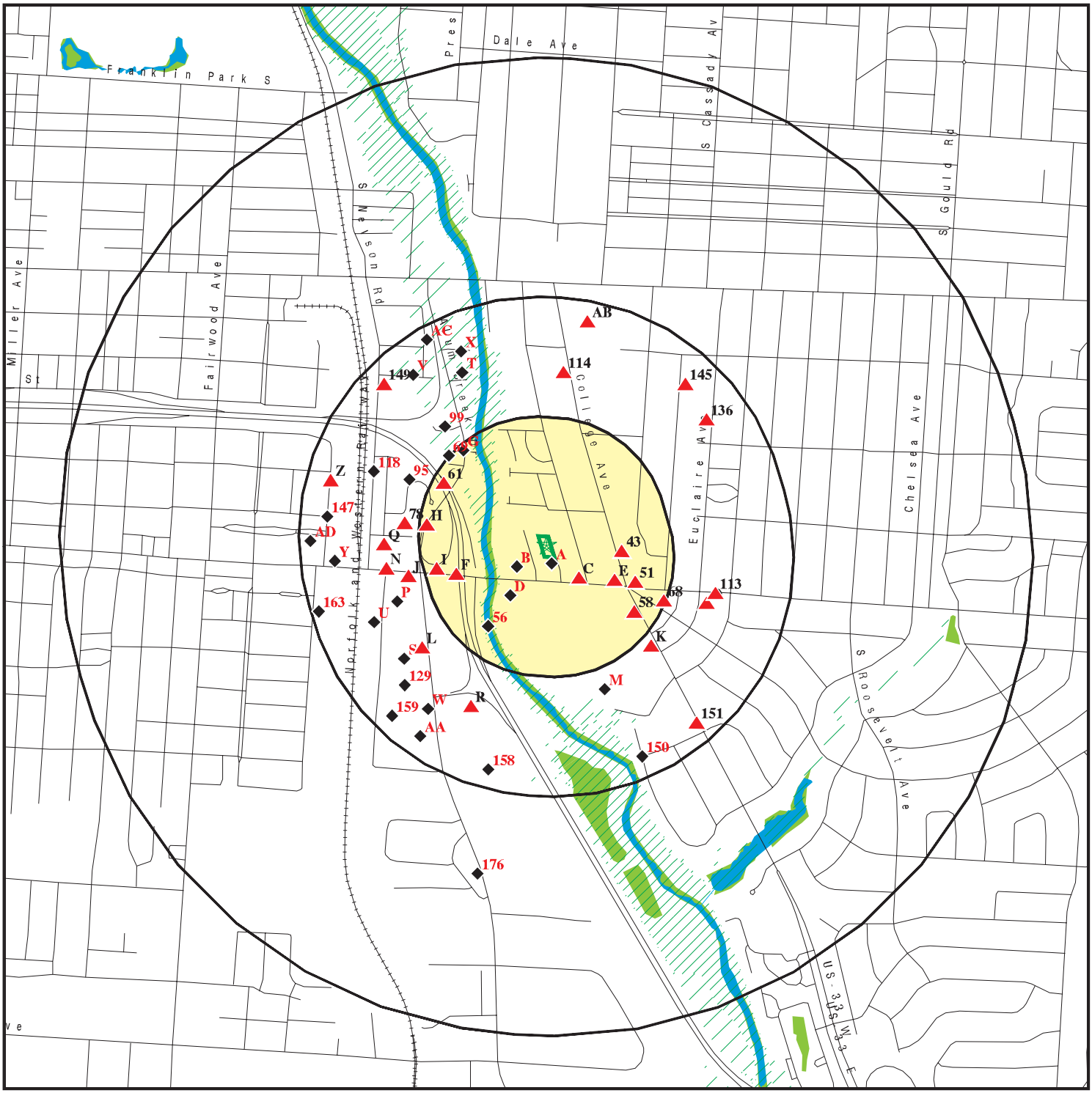
EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONN'S POTATO CHIPS	1271 ALUM CREEK DR	SSW 1/4 - 1/2 (0.456 mi.)	AA154	139
CITY OF COLUMBUS	1800 LIVINGSTON AVE	W 1/4 - 1/2 (0.496 mi.)	AD173	159
CITY OF COLUMBUS FIR	1800 LIVINGSTON AVE	W 1/4 - 1/2 (0.496 mi.)	AD175	160

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5196641.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

Upgradient Area

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Bexley Ferndale	CLIENT:	Pandey Environmental, LLC
ADDRESS:	921 Ferndale Place Columbus OH 43209	CONTACT:	Nick Vallera
		INQUIRY #:	5196641.2s
LAT/LONG:	39.94929 / 82.940317	DATE:	February 22, 2018 11:38 am

DETAIL MAP - 5196641.2S

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Bexley Ferndale	CLIENT: Pandey Environmental, LLC
ADDRESS: 921 Ferndale Place Columbus OH 43209	CONTACT: Nick Vallera
LAT/LONG: 39.94929 / 82.940317	INQUIRY #: 5196641.2s DATE: February 22, 2018 11:40 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.500		0	0	0	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.500		0	0	0	NR	NR	0
RCRA-SQG	0.500		0	0	3	NR	NR	3
RCRA-CESQG	0.500		1	1	4	NR	NR	6
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.500		0	0	2	NR	NR	2
State- and tribal - equivalent CERCLIS								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
DERR	1.000		0	1	1	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		4	3	5	NR	NR	12
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		1	0	1	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
FEMA UST	0.500		0	0	0	NR	NR	0
UST	0.500		4	3	6	NR	NR	13
AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.500		0	0	0	NR	NR	0
State and tribal institutional control / engineering control registries								
HIST ENG CONTROLS	0.500		0	0	0	NR	NR	0
HIST INST CONTROLS	0.500		0	0	0	NR	NR	0
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.500		0	0	0	NR	NR	0
CDL	0.500		0	0	0	NR	NR	0
US CDL	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST	0.500		4	3	5	NR	NR	12
Local Land Records								
LIENS 2	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.500		0	0	0	NR	NR	0
SPILLS	0.500		3	6	26	NR	NR	35

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS 90	0.500		0	1	0	NR	NR	1
SPILLS 80	0.500		0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.500		0	0	5	NR	NR	5
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.500		0	0	0	NR	NR	0
TSCA	0.500		0	0	0	NR	NR	0
TRIS	0.500		0	0	0	NR	NR	0
SSTS	0.500		0	0	0	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.500		0	0	0	NR	NR	0
RAATS	0.500		0	0	0	NR	NR	0
PRP	0.500		0	0	0	NR	NR	0
PADS	0.500		0	0	0	NR	NR	0
ICIS	0.500		0	0	1	NR	NR	1
FTTS	0.500		0	0	1	NR	NR	1
MLTS	0.500		0	0	0	NR	NR	0
COAL ASH DOE	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.500		0	0	0	NR	NR	0
RADINFO	0.500		0	0	0	NR	NR	0
HIST FTTS	0.500		0	0	1	NR	NR	1
DOT OPS	0.500		1	0	0	NR	NR	1
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.500		0	0	0	NR	NR	0
US AIRS	0.500		0	0	0	NR	NR	0
US MINES	0.500		0	0	0	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FINDS	0.500		2	3	22	NR	NR	27
UXO	1.000		0	0	0	0	NR	0
ECHO	0.500		1	2	12	NR	NR	15
DOCKET HWC	0.500		0	0	0	NR	NR	0
FUELS PROGRAM	0.500		0	0	0	NR	NR	0
AIRS	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
CRO	0.500		1	0	0	NR	NR	1
DRYCLEANERS	0.500		0	0	0	NR	NR	0
Financial Assurance	0.500		0	0	0	NR	NR	0
HIST USD	0.500		0	0	0	NR	NR	0
LEAD	0.500		1	1	12	NR	NR	14
NPDES	0.500		1	1	8	NR	NR	10
VAPOR	0.500		0	1	1	NR	NR	2
TOWNGAS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UIC	0.500		1	0	0	NR	NR	1
USD	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.500		8	6	10	NR	NR	24
EDR Hist Cleaner	0.500		2	1	1	NR	NR	4
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.500		0	0	0	NR	NR	0
RGA LUST	0.500		8	7	12	NR	NR	27
- Totals --		0	43	40	140	1	0	224

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

A1 **LEAD** **S118288603**
SSE **953 FERNDALE PL** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.013 mi.
69 ft. **Site 1 of 11 in cluster A**

Relative:
Lower

Actual:
757 ft.

LEAD:

License Number:	LA000102
Contractor Last Name:	Grafton
Contractor First Name:	Harry
Summary Month:	10
Summary Year:	2008
Summary Number:	129220
Detail Number:	144083
Activity Performed:	Partial Risk Assessment
Reason For Activity:	Essential Maintenance Practices

A2 **BEXLEY MUFFLER KING** **CRO** **S112231759**
South **2140 EAST LIVINGSTON** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.038 mi.
202 ft. **Site 2 of 11 in cluster A**

Relative:
Lower

Actual:
755 ft.

CRO:

Facility Id:	1137
SIC Code:	Not reported
30/45 Date:	Not reported
90 Day Date:	Not reported
Holder Of 1st Mortgage/Fiduciary Date:	Not reported
Most Recent Inspection Date:	01/28/1997
Date Finished CRO:	01/28/1997
RCRA EPA ID:	Not reported

A3 **MUFFLER KING, INC.** **ARCHIVE UST** **U004096710**
South **2140 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.038 mi.
202 ft. **Site 3 of 11 in cluster A**

Relative:
Lower

Actual:
755 ft.

ARCHIVE UST:

Facility Number:	25003388
Owner Name:	MSA REALTY, INC.
Owner Address:	4779 INDIANOLA AVE - APT 290
Owner City,St,Zip:	COLUMBUS, OH 43214
Tank ID:	T00001
Tank Type:	Not reported
Tank Status:	**Removed**
Install Date:	Not reported
Content:	Unknown
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Not reported
Date Removed:	6/30/1992

MUFFLER KING, INC. (Continued) **U004096710**

Date Last Use:	6/30/1992
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Release Detection On Piping:	Not reported

A4 **GETREU TEXACO SERV** **EDR Hist Auto** **1009039993**
South **2140 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.038 mi.
202 ft. **Site 4 of 11 in cluster A**

Relative: **Lower**

Actual: **755 ft.**

EDR Hist Auto

Year:	Name:	Type:
1971	GETREU TEXACO SERV	GASOLINE STATIONS
1971	GETREUS TEXACO SERVICE	Gasoline Service Stations
1972	GETREUS TEXACO SERVICE	Gasoline Service Stations
1973	GETREUS TEXACO SERVICE	Gasoline Service Stations
1974	GETREUS TEXACO SERVICE	Gasoline Service Stations
1975	GETREUS TEXACO SERVICE	Gasoline Service Stations
1976	GETREU TEXACO SERV	GASOLINE STATIONS
1976	GETREUS TEXACO SERVICE	Gasoline Service Stations
1977	GETREUS TEXACO SERVICE	Gasoline Service Stations
1978	GETREUS TEXACO SERVICE	Gasoline Service Stations
1979	GETREUS TEXACO SERVICE	Gasoline Service Stations
1980	GETREUS TEXACO SERVICE	Gasoline Service Stations
1982	GETREUS TEXACO SERVICE	Gasoline Service Stations
1983	GETREUS TEXACO SERVICE	Gasoline Service Stations
2000	TUF-1 INC	General Automotive Repair Shops
2001	TUF-1 INC	General Automotive Repair Shops
2002	TUF-1 INC	General Automotive Repair Shops

A5 **MUFFLER KING** **RGA LUST** **S114777781**
South **2140 LIVINGSTON AVE** **N/A**
< 1/8 **BEXLEY, OH**
0.038 mi.
202 ft. **Site 5 of 11 in cluster A**

Relative: **Lower**

Actual: **755 ft.**

RGA LUST:

1999	MUFFLER KING	2140 LIVINGSTON AVE
1998	MUFFLER KING	2140 LIVINGSTON AVE
1997	MUFFLER KING	2140 LIVINGSTON AVE
1996	MUFFLER KING	2140 LIVINGSTON AVE
1995	MUFFLER KING	2140 LIVINGSTON AVE
1994	MUFFLER KING	2140 LIVINGSTON AVE

A6
South
< 1/8
0.038 mi.
202 ft.

MUFFLER KING
2140 LIVINGSTON AVE
BEXLEY, OH 43205

UNREG LTANKS
SPILLS

S105903656
N/A

Site 6 of 11 in cluster A

Relative:
Lower

Actual:
755 ft.

UNREG LTANKS:

Facility Status:	**A possible incident is reported**		
Facility Id:	253388	Facility County #:	049
Facility Track:	0	Facility Phone:	Not reported
Report Number:	2513201	Incident Number:	251320100
RP Status:	Not reported	RP Search Date:	Not reported
Inspector:	Not reported	Coordinator:	COCL
Revised Date:	06/02/94	Fiscal Tracking:	FY92
Class:	D	Priority:	2
Vacant:	Not reported	Lust Trust Fund:	2
Emrgncy Resp:	2	ER By:	Not reported
Authorized By:	GILL	Authorized Date:	06/02/94
Added Date:	12/09/91	Entry By:	UNGER
Owner Name:	Not reported		
Owner Address:	Not reported		
Owner City,St,Zip:	OH		
Owner Phone:	Not reported		
Operator Name:	Not reported		
Operator Address:	Not reported		
Operator C,S,Z:	OH		
Operator Phone:	Not reported		
Remarks:	Not reported		
Summary:	Not reported		

SPILLS:

Spill No.:	9112-25-5096
Spill Number:	5096
Spill Month/Year:	12/1991
Date Spill Reported:	12/06/1991
Reporter Name:	SFM
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	FUEL OIL #2
Lat/Long:	Not reported

A7
South
< 1/8
0.038 mi.
202 ft.

MUFFLER KING, INC.
2140 E LIVINGSTON AVE
COLUMBUS, OH 43209

UST

U004205148
N/A

Site 7 of 11 in cluster A

Relative:
Lower

Actual:
755 ft.

UST:

Facility Id:	25003388
Facility Type:	Commercial
Owner Name:	Not reported
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	Not reported

MUFFLER KING, INC. (Continued) **U004205148**

Tank Content:	Unknown
Installation Date:	Not reported
Construction:	Not reported
Date Last Used:	06/30/1992
Date TCL Closed:	Not reported
Date Removed:	06/30/1992
CAS Number:	Not reported
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Not reported
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

B8 **SCOTT S SHIRT LAUNDRY** **EDR Hist Cleaner** **1009156605**
SSW **2110 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.048 mi.
254 ft. **Site 1 of 13 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
752 ft.

Year:	Name:	Type:
1956	SCOTT S LAUNDROMAT	LAUNDRIES SELF SERVE
1960	SCOTT S SHIRT LAUNDRY.	LAUNDRIES SELF SERVE
1965	SCOTT S SHIRT LAUNDRY	LAUNDRIES
1971	SCOTT S SHIRT LAUNDRY	LAUNDRIES

A9
SSW
< 1/8
0.048 mi.
256 ft.

SEVRANCE TOWN CENTER — **SPILLS** — **S102477529**
3640 MAYFIELD RD — **N/A**
S EUCLID, OH

Site 8 of 11 in cluster A

Relative:
Lower

Actual:
752 ft.

SPILLS:

Spill No.:	9608-18-3818
Spill Number:	3818
Spill Month/Year:	8/1996
Date Spill Reported:	08/30/1996
Reporter Name:	TOD BEILING
Confidential:	No
District Code:	NE
Employee Number:	Not reported
District C Decode:	North East
Product Spilled Name:	ASBESTOS
Lat/Long:	Not reported

A10
SE
< 1/8
0.050 mi.
266 ft.

WEBSTER MILO D — **EDR Hist Auto** — **1009038086**
2172 E LIVINGSTON AV — **N/A**
COLUMBUS, OH

Site 9 of 11 in cluster A

Relative:
Lower

Actual:
758 ft.

EDR Hist Auto

Year:	Name:	Type:
1942	WEBSTER MILO D	AUTOMOBILE REPAIRING
1952	WEBSTER MILO D	AUTOMOBILE REPAIRING
1956	WEBSTER GARAGE	AUTOMOBILE REPAIRING
1960	WEBSTER GARAGE	AUTOMOBILE REPAIRING
1965	WEBSTER GARAGE	AUTOMOBILE REPAIRING
1969	WEBSTER MILO D	General Automotive Repair Shops
1970	WEBSTER MILO D	General Automotive Repair Shops
1971	WEBSTER MILO D	General Automotive Repair Shops
1972	WEBSTER MILO D	General Automotive Repair Shops
1973	WEBSTER MILO D	General Automotive Repair Shops
1974	WEBSTER MILO D	General Automotive Repair Shops
1975	WEBSTER MILO D	General Automotive Repair Shops
1976	WEBSTER MILO D	General Automotive Repair Shops
1977	WEBSTER MILO D	General Automotive Repair Shops
1981	SWONGER SERVICE CENTER INC	AUTOMOBILE REPAIRING
1982	SWONGER SERVICE CENTER	General Automotive Repair Shops
1983	SWONGER SERVICE CENTER	General Automotive Repair Shops
1985	SWONGER SERVICE CENTER	General Automotive Repair Shops
1986	SWONGER SERVICE CENTER	General Automotive Repair Shops
1987	SWONGER SERVICE CENTER	General Automotive Repair Shops
1988	SWONGER SERVICE CENTER	General Automotive Repair Shops
1991	SWONGER ENTERPRISES INC	General Automotive Repair Shops
2003	CAPITAL AUTOMITVE & RADIATOR	General Automotive Repair Shops
2004	CAPITAL AUTOMITVE & RADIATOR	General Automotive Repair Shops
2005	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2006	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2007	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2008	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2009	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2010	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2011	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2012	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops

WEBSTER MILO D (Continued) **1009038086**

2013	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops
2014	CAPITAL AUTOMOTIVE & RADIATOR	General Automotive Repair Shops

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A11 **MS TINA SWANGER** **SPILLS** **S102888743**
SE **2172 E LIVINGSTON** **N/A**
< 1/8 **BEXLEY, OH**
0.050 mi.
266 ft. **Site 10 of 11 in cluster A**

Relative: **Lower**

Actual: **758 ft.**

SPILLS:

Spill No.:	9202-25-0445
Spill Number:	0445
Spill Month/Year:	2/1992
Date Spill Reported:	02/07/1992
Reporter Name:	OCO
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	OIL MOTOR
Lat/Long:	Not reported

A12 **MAYFIELD COIN OPERATED DRY CLEANERS** **EDR Hist Cleaner** **1009148992**
SSW **6149 MAYFIELD RIDGE RD** **N/A**
< 1/8 **CLEVELAND SUBURBAN EAST, OH**
0.051 mi.
269 ft. **Site 11 of 11 in cluster A**

Relative: **Lower**

Actual: **752 ft.**

EDR Hist Cleaner

Year:	Name:	Type:
1972	MAYFIELD COIN OPERATED DRY CLEA	CLEANERS AND DYERS

B13 **#261 LIVINGSTON AVE. BP** **RGA LUST** **S114743810**
SW **2080 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.061 mi.
321 ft. **Site 2 of 13 in cluster B**

Relative: **Lower**

Actual: **752 ft.**

RGA LUST:

2012	#261 LIVINGSTON AVE. BP	2080 E LIVINGSTON AVE
2011	#261 LIVINGSTON AVE. BP	2080 E LIVINGSTON AVE

B14 **#261 LIVINGSTON AVE. BP** **LUST** **U004204926**
SW **2080 E LIVINGSTON AVE** **UST** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.061 mi.
321 ft. **Site 3 of 13 in cluster B**

Relative: **Lower**

Actual: **752 ft.**

LUST:

Release Number:	25001665-N00001
Release Date:	12/28/2010
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST

#261 LIVINGSTON AVE. BP (Continued) **U004204926**

FR Status: **NFA: No Further Action**
Priority: 2
Review Date: 03/31/2016
Priority Decode: SUS/CON from non-regulated UST
Class1 Decode: A viable RP have been identified
Class: Viable Responsible Party has been identified

UST:

Facility Id:	25001665
Facility Type:	Gas Station
Owner Name:	ENGLEFIELD OIL COMPANY
Owner Address:	447 JAMES PARKWAY
Owner City/State/Zip:	43056
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1988
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	10/12/2009
Date TCL Closed:	Not reported
Date Removed:	12/28/2010
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Automatic Tank Gauging / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Electronic Line Leak Detector
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Yes
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: Yes
Comments:	Not reported

Tank Number:	T00002
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1988
Construction:	FRP-Fiberglass Reinforced Plastic

#261 LIVINGSTON AVE. BP (Continued) **U004204926**

Date Last Used:	10/12/2009
Date TCL Closed:	Not reported
Date Removed:	12/28/2010
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Automatic Tank Gauging / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Electronic Line Leak Detector
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Yes
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: Yes
Comments:	Not reported

Tank Number:	T00003
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1988
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	10/12/2009
Date TCL Closed:	Not reported
Date Removed:	12/28/2010
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Automatic Tank Gauging / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic

#261 LIVINGSTON AVE. BP (Continued) **U004204926**

Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Electronic Line Leak Detector
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Yes
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: Yes
Comments:	Not reported

C15 **FORMER SUN OIL** **LUST** **U004091341**
SE **2182 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.066 mi.
350 ft. **Site 1 of 8 in cluster C**

Relative:
Higher

Actual:
759 ft.

LUST:

Release Number:	25010286-N00001
Release Date:	03/24/1992
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	02/05/2013
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

C16 **FORMER SUN OIL** **RGA LUST** **S114764558**
SE **2182 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.066 mi.
350 ft. **Site 2 of 8 in cluster C**

Relative:
Higher

Actual:
759 ft.

RGA LUST:

2012	FORMER SUN OIL	2182 E LIVINGSTON AVE
2011	FORMER SUN OIL	2182 E LIVINGSTON AVE
2010	FORMER SUN OIL	2182 E LIVINGSTON AVE
2009	FORMER SUN OIL	2182 E LIVINGSTON AVE
2008	FORMER SUN OIL	2182 E LIVINGSTON AVE
2007	FORMER SUN OIL	2182 E LIVINGSTON AVE
2006	FORMER SUN OIL	2182 E LIVINGSTON AVE
2005	FORMER SUN OIL	2182 E LIVINGSTON AVE
2004	FORMER SUN OIL	2182 E LIVINGSTON AVE
2003	FORMER SUN OIL	2182 E LIVINGSTON AVE
2002	FORMER SUN OIL	2182 E LIVINGSTON AVE
2001	FORMER SUN OIL	2182 E LIVINGSTON AVE
2000	FORMER SUN OIL	2182 E LIVINGSTON AVE
1999	FORMER SUN OIL	2182 E LIVINGSTON AVE
1998	FORMER SUN OIL	2182 E LIVINGSTON AVE
1997	FORMER SUN OIL	2182 E LIVINGSTON AVE
1996	FORMER SUN OIL	2182 E LIVINGSTON AVE
1995	FORMER SUN OIL	2182 E LIVINGSTON AVE
1994	FORMER SUN OIL	2182 E LIVINGSTON AVE

C17 **BURNSIDE SUNOCO SERVICE STATION** **EDR Hist Auto** **1009040295**
SE **2182 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.066 mi.
350 ft. **Site 3 of 8 in cluster C**

Relative: EDR Hist Auto
Higher

Year:	Name:	Type:
1956	BURNSIDE SUNOCO SERVICE STATION	GASOLINE STATIONS
1960	MILLER S SUNOCO SERVICE STATION	GASOLINE STATIONS
1970	DICKS SUNOCO	Gasoline Service Stations
1971	MARTIN & SONS SUNOCO SERVICE ST	GASOLINE STATIONS
1993	STERLING MOTORS	General Automotive Repair Shops
1994	STERLING MOTORS	General Automotive Repair Shops
1995	HUDSON ELAM	General Automotive Repair Shops
1996	STERLING MOTORS	General Automotive Repair Shops
1997	STERLING MOTORS	General Automotive Repair Shops
1998	STERLING MOTORS	General Automotive Repair Shops
1999	STERLING MOTORS	General Automotive Repair Shops
2003	STERLING MOTORS	General Automotive Repair Shops
2004	STERLING MOTORS	General Automotive Repair Shops

Actual:
759 ft.

B18 **LIVINGSTON EXXON** **RGA LUST** **S114773703**
SSW **2097 E LIVINGSTON** **N/A**
< 1/8 **COLUMBUS, OH**
0.075 mi.
394 ft. **Site 4 of 13 in cluster B**

Relative: RGA LUST:
Lower

2012	LIVINGSTON EXXON	2097 E LIVINGSTON
2011	LIVINGSTON EXXON	2097 E LIVINGSTON
2010	LIVINGSTON EXXON	2097 E LIVINGSTON
2009	LIVINGSTON EXXON	2097 E LIVINGSTON
2008	LIVINGSTON EXXON	2097 E LIVINGSTON
2007	LIVINGSTON EXXON	2097 E LIVINGSTON
2006	LIVINGSTON EXXON	2097 E LIVINGSTON

Actual:
748 ft.

B19 **THORNTONS INC. #68** **RGA LUST** **S114793472**
SSW **2097 E LIVINGSTON** **N/A**
< 1/8 **COLUMBUS, OH**
0.075 mi.
394 ft. **Site 5 of 13 in cluster B**

Relative: RGA LUST:
Lower

2005	THORNTONS INC. #68	2097 E LIVINGSTON

Actual:
748 ft.

B20 **THORNTONS INC** **EDR Hist Auto** **1020681928**
SSW **2097 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.075 mi.
394 ft. **Site 6 of 13 in cluster B**

Relative: EDR Hist Auto
Lower

Actual: **748 ft.**

Year:	Name:	Type:
1994	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
1995	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
1996	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
1997	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
2001	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
2002	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
2003	THORNTON OIL CORPORATION (DE)	Gasoline Service Stations, NEC
2004	THORNTONS INC	Gasoline Service Stations, NEC
2005	THORNTONS INC	Gasoline Service Stations, NEC
2006	THORNTONS INC	Gasoline Service Stations, NEC
2007	THORNTONS INC	Gasoline Service Stations, NEC
2008	NOSA OIL	Gasoline Service Stations
2008	THORNTONS INC	Gasoline Service Stations, NEC
2009	NOSA OIL	Gasoline Service Stations
2009	THORNTONS INC	Gasoline Service Stations, NEC
2010	NOSA OIL	Gasoline Service Stations
2010	THORNTONS INC	Gasoline Service Stations, NEC
2011	THORNTONS INC	Gasoline Service Stations, NEC
2011	EXXON	Gasoline Service Stations, NEC
2011	NOSA OIL	Gasoline Service Stations
2012	THORNTONS INC	Gasoline Service Stations, NEC
2012	NOSA OIL	Gasoline Service Stations
2012	EXXON	Gasoline Service Stations, NEC
2013	EXXON	Gasoline Service Stations, NEC
2013	THORNTONS INC	Gasoline Service Stations, NEC
2013	NOSA OIL	Gasoline Service Stations
2014	EXXON	Gasoline Service Stations, NEC
2014	THORNTONS INC	Gasoline Service Stations, NEC
2014	NOSA OIL	Gasoline Service Stations

B21 **THORNTON OIL 68** **FINDS** **1005805972**
SSW **2097 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.075 mi.
394 ft. **Site 7 of 13 in cluster B**

Relative: FINDS:
Lower

Actual: **748 ft.**

Registry ID: 110006322835

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B22
SSW
< 1/8
0.075 mi.
394 ft.

LIVINGSTON EXXON
2097 E LIVINGSTON
COLUMBUS, OH 43209

Site 8 of 13 in cluster B

Relative:
Lower

Actual:
748 ft.

LUST **U000696476**
UST **N/A**
ARCHIVE UST

LUST:

Release Number:	25001432-N00001
Release Date:	08/26/2005
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	09/17/2015
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

UST:

Facility Id:	25001432
Facility Type:	Gas Station
Owner Name:	NOFA OIL INC
Owner Address:	4425 E LIVINGSTON AVE
Owner City/State/Zip:	43227
Tank Number:	T00001
Status:	CIU - Currently In Use
UST Capacity:	12000
Tank Content:	Gasoline
Installation Date:	10/01/1987
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SW - Single Wall
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported

LIVINGSTON EXXON (Continued) **U000696476**

Comments:	Not reported
Tank Number:	T00002
Status:	CIU - Currently In Use
UST Capacity:	12000
Tank Content:	Gasoline
Installation Date:	10/01/1987
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SW - Single Wall
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported
Tank Number:	T00003
Status:	CIU - Currently In Use
UST Capacity:	12000
Tank Content:	Gasoline
Installation Date:	10/01/1987
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule

LIVINGSTON EXXON (Continued) **U000696476**

Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SW - Single Wall
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00004
Status:	CIU - Currently In Use
UST Capacity:	6000
Tank Content:	Diesel
Installation Date:	10/01/1987
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8008-20-6
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SW - Single Wall
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

LIVINGSTON EXXON (Continued) **U000696476**

ARCHIVE UST:
Facility Number: 25001432
Owner Name: NOFA OIL INC
Owner Address: 2097 E LIVINGSTON AVE
Owner City,St,Zip: COLUMBUS, OH 43227

Permit:
Facility Id: 25001432
Permit Id: P00001
Permit Status: Closed
Issued Date: 10/3/1997
LFD Permit Id: 03600

Tank ID: T00001
Tank Type: Fiberglass Reinforced Plastic
Tank Status: **Currently In Use**
Install Date: 10/1/1987
Content: Gasoline
Capacity: 12000
Corrosion Protection Tank: None Required
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Release Detection On Tank: Automatic Tank Gauging
Date Removed: Not reported
Date Last Use: Not reported
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection On Piping: Electronic Line Leak Detector

Tank ID: T00002
Tank Type: Fiberglass Reinforced Plastic
Tank Status: **Currently In Use**
Install Date: 10/1/1987
Content: Gasoline
Capacity: 12000
Corrosion Protection Tank: None Required
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Release Detection On Tank: Automatic Tank Gauging
Date Removed: Not reported
Date Last Use: Not reported
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection On Piping: Electronic Line Leak Detector

LIVINGSTON EXXON (Continued) **U000696476**

Tank ID:	T00003
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	10/1/1987
Content:	Gasoline
Capacity:	12000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00004
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	10/1/1987
Content:	Kerosene
Capacity:	6000
Corrosion Protection Tank:	None Required
CAS #:	8008-20-6
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

B23 **THORTON'S INC #68** **UIC** **S112223461**
SSW **2097 LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.075 mi.
394 ft. **Site 9 of 13 in cluster B**

Relative:
Lower

Actual:
748 ft.

UIC:

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported

THORTON’S INC #68 (Continued) **S112223461**

Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported
Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
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Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

THORTON'S INC #68 (Continued) **S112223461**

Facility Status:	Temporarily Abandoned
UIC Number:	Not reported
Type Of UIC Well:	Aquifer Remediation Well
Well Status:	Not reported
AUT Status:	Rule Authorized
Latitude:	Not reported
Longitude:	Not reported
Number Of UIC Wells:	Not reported
Well Site:	Class V
Type Description:	Not reported

B24 **TIM HORTONS** **NPDES** **S112208870**
SW **2060 E LIVINGSTON AVE** **N/A**
< 1/8 **BEXLEY, OH 43209**
0.082 mi.
431 ft. **Site 10 of 13 in cluster B**

Relative: **Lower**

Actual: **748 ft.**

OH NPDES:

Issue Date:	09/28/2012
Township:	Not reported
Facility Npdes Permit:	4GC03952*AG
Applicant Name:	TIM DONUT US LTD INC
Applicant Address:	4150 TULLER RD # 236 DUBLINOH 43017

B25 **SOHIO SERVICE STA** **EDR Hist Auto** **1009038642**
WSW **2080 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.084 mi.
443 ft. **Site 11 of 13 in cluster B**

Relative: **Lower**

Actual: **751 ft.**

EDR Hist Auto

Year:	Name:	Type:
1971	HUMBLE OIL & REFINING CO	GASOLINE STATIONS
1976	PIKE SOHIO SERVICE STA	GASOLINE STATIONS
1981	SOHIO SERVICE STA	GASOLINE STATIONS
2007	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2008	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2009	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2010	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2011	BP OIL	Gasoline Service Stations, NEC
2011	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2012	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC
2013	BP PRODUCTS NORTH AMERICA INC	Gasoline Service Stations, NEC

B26
WSW
< 1/8
0.084 mi.
443 ft.

#261 LIVINGSTON AVE. BP
2080 E LIVINGSTON AVE
COLUMBUS, OH 43209

Site 12 of 13 in cluster B

ARCHIVE UST **1000560519**
N/A

Relative:
Lower

Actual:
751 ft.

ARCHIVE UST:

Facility Number:	25001665
Owner Name:	ENGLEFIELD OIL COMPANY
Owner Address:	447 JAMES PARKWAY
Owner City,St,Zip:	HEATH, OH 43056

Permit:

Facility Id:	25001665
Permit Id:	P00001
Permit Status:	Closed
Issued Date:	10/14/2009
LFD Permit Id:	Not reported

Facility Id:	25001665
Permit Id:	P00002
Permit Status:	Closed
Issued Date:	1/21/2011
LFD Permit Id:	14320

Inspection:

Facility Id:	25001665
Permit Number:	P00001
Code:	601
Inspection Type:	Final

Facility Id:	25001665
Permit Number:	P00002
Code:	103
Inspection Type:	Final

Tank ID:	T00001
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1988
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	12/28/2010
Date Last Use:	10/12/2009
Date Abandoned/Closed:	10/14/2009
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

#261 LIVINGSTON AVE. BP (Continued) **1000560519**

Tank ID:	T00002
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1988
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	12/28/2010
Date Last Use:	10/12/2009
Date Abandoned/Closed:	10/14/2009
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00003
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1988
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	12/28/2010
Date Last Use:	10/12/2009
Date Abandoned/Closed:	10/14/2009
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

B27 **BP OIL CO** **RCRA-CESQG** **1004765046**
WSW **2080 E LIVINGSTON AVE** **FINDS** **OHD987012960**
< 1/8 **COLUMBUS, OH 43209** **ECHO**
0.084 mi.
443 ft. **Site 13 of 13 in cluster B**

Relative:
Lower

Actual:
751 ft.

RCRA-CESQG:

Date form received by agency:	07/20/1998
Facility name:	BP OIL CO
Facility address:	2080 E LIVINGSTON AVE COLUMBUS, OH 43209
EPA ID:	OHD987012960
Mailing address:	4440 WARRENSVILLE CENTER RD WARRENSVILLE HTS, OH 44128-2837
Contact:	GEORGE PEYTON

BP OIL CO (Continued) **1004765046**

Contact address: 4440 WARRENSVILLE CENTER RD
WARRENSVILLE HTS, OH 44128-2837
Contact country: US
Contact telephone: 614-840-1405
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: BP OIL COMPANY
Owner/operator address: 2080 E LIVINGSTON AVE
COLUMBUS, OH 43209
Owner/operator country: Not reported
Owner/operator telephone: 614-236-1374
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

BP OIL CO (Continued) **1004765046**

Violation Status: No violations found

FINDS:

Registry ID: 110004677966

Environmental Interest/Information System

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004765046
Registry ID: 110004677966
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004677966

C28 **BEXLEY PLAZA SHOPPING CENT** **RGA LUST** **S114748370**
SE **2187 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.091 mi.
482 ft. **Site 4 of 8 in cluster C**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

1994 BEXLEY PLAZA SHOPPING CENT 2187 E LIVINGSTON AVE

C29 **REAL ESTATE INVESTMENTS, INC.** **ARCHIVE UST** **U004099515**
SE **2187 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.091 mi.
482 ft. **Site 5 of 8 in cluster C**

Relative:
Lower

Actual:
758 ft.

ARCHIVE UST:

Facility Number: 25002517
Owner Name: REAL ESTATE INVESTMENTS, INC.
Owner Address: 209 S HIGH ST
Owner City,St,Zip: COLUMBUS, OH 43215

Permit:

Facility Id: 25002517
Permit Id: P00001
Permit Status: Expired

REAL ESTATE INVESTMENTS, INC. (Continued) **U004099515**

Issued Date: 11/7/1995
LFD Permit Id: Not reported

Inspection:
Facility Id: 25002517
Permit Number: P00001
Code: 103
Inspection Type: Final

Tank ID: T00001
Tank Type: Steel
Tank Status: Removed
Install Date: Not reported
Content: Gasoline
Capacity: 1000
Corrosion Protection Tank: Not reported
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Not reported
Date Removed: 6/17/1994
Date Last Use: 1/31/1984
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection On Piping: Not reported

C30 **REAL ESTATE INVESTMENTS, INC.** **RGA LUST** **S114784583**
SE **2187 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.091 mi.
482 ft. **Site 6 of 8 in cluster C**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

2012	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2011	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2010	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2009	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2008	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2007	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2006	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2005	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2004	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2003	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2002	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2001	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE
2000	REAL ESTATE INVESTMENTS, INC.	2187 E LIVINGSTON AVE

C31 **REAL ESTATE INVESTMENTS, INC.** **LUST** **U004205059**
SE **2187 E LIVINGSTON AVE** **UST** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.091 mi.
482 ft. **Site 7 of 8 in cluster C**

Relative:
Lower

Actual:
758 ft.

LUST:

Release Number:	25002517-N00001
Release Date:	Not reported
Facility Status:	**Inactive**
LTF Status:	6 Closure of regulated UST
FR Status:	**NFA: No Further Action**
Priority:	3
Review Date:	06/20/2000
Priority Decode:	SUS/CON from AST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

UST:

Facility Id:	25002517
Facility Type:	Commercial
Owner Name:	Not reported
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	1000
Tank Content:	Gasoline
Installation Date:	Not reported
Construction:	BM - Bare Metal
Date Last Used:	01/31/1984
Date TCL Closed:	Not reported
Date Removed:	06/17/1994
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Steel
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Unknown
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No

REAL ESTATE INVESTMENTS, INC. (Continued) **U004205059**

Comments: Not reported

C32 **BEXLEY PLAZA SHOPPING CENTER** **RGA LUST** **S114748371**
SE **2187 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.091 mi.
482 ft. **Site 8 of 8 in cluster C**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

1999	BEXLEY PLAZA SHOPPING CENTER	2187 E LIVINGSTON AVE
1998	BEXLEY PLAZA SHOPPING CENTER	2187 E LIVINGSTON AVE
1997	BEXLEY PLAZA SHOPPING CENTER	2187 E LIVINGSTON AVE
1996	BEXLEY PLAZA SHOPPING CENTER	2187 E LIVINGSTON AVE
1995	BEXLEY PLAZA SHOPPING CENTER	2187 E LIVINGSTON AVE

D33 **DOT OPS** **1009647834**
SW **2087 EAST LIVINGSTON AVE.** **N/A**
< 1/8 **COLUMBIA, OH 43212**
0.107 mi.
567 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
752 ft.

DOT OPS:

EDR Type:	NATURAL GAS DISTRIBUTION
Report ID:	1811530
Facility name:	Not reported
Address:	2087 EAST LIVINGSTON AVE. COLUMBIA, OH 43212
Latitude:	Not reported
Longitude:	Not reported
EDR type:	NATURAL GAS DISTRIBUTION
Cause of incident:	OTHER
Operator code:	2596
Operator name:	COLUMBIA GAS OF OHIO INC
Incident address:	2087 EAST LIVINGSTON AVE. COLUMBIA, OH 43212
Incident county:	FRANKLIN
Incident congressional district:	Not reported
Incident date:	19811119
Detection time:	0
Stoppage hours:	1
Stoppage minutes:	18
Estimated pressure at incident time:	35.00
Max. allowable operating preassure:	50.00
Part of operation that failed:	SERVICE
Part of operation other comment:	Not reported
Part of system that failed:	OTHER
Part of system other comment:	Not reported
Year oart installed:	1973
Where leak originated:	OTHER
Leak other comment:	Not reported
Real nominal pipe diameter:	1.200
Pipe wall thickness (inches):	0.140
Pipe specifications:	Not reported
Pipe grade:	Not reported
Type of repair done:	OTHER REPAIR OR DISPOSITION
Type other comment:	Not reported

(Continued) **1009647834**

Length of replaced pipe:	0.00
Component replaced/reconditioned:	NO DATA
Component other comment:	Not reported
Employee fatalities:	0
Employees injured:	0
Non-empl. fatalities:	0
Non-empl. inured:	0
Did a rupture occur:	YES
Did gas ignite:	YES
Did an explosion occur:	YES
Secondary fires/explosions:	YES
Operator property damage:	150000
Structure adjacent to leak:	COMMERCIAL SINGLE-STORY
Structure other comment:	Not reported
Dist. to nearest structure:	50
Underground facility involved:	NO
Underground facility other comment:	Not reported
Any utilities affected:	NO
Dist. of other gas fac. contributing:	0
Dist. of other gas fac. impaired:	0
Dist. of telephone fac. contributing:	0
Dist. of telephone fac. impaired:	0
Dist. of electric fac. contributing:	0
Dist. of electric fac. impaired:	0
Dist. of storm sewer fac. contributing:	0
Dist. of storm sewer fac. impaired:	0
Dist. of other sewer fac. contributing:	0
Dist. of other sewer fac. impaired:	0
Dist. of water fac. contributing:	0
Dist. of water fac. impaired:	0
Dist. of other fac. contributing:	0
Other fac. contributing:	Not reported
Dist. of other fac. impaired:	0
Other facility impaired:	Not reported
Location of leak or failure:	BELOW OTHER PAVED AREA
Location other comment:	Not reported
Cover depth:	24
Soil at pipe depth:	SOIL
Soil temperature at soil leak:	060
Report by:	OTHER
Report other comment:	FIRE DEPT.
Cause of Corrosion:	NO DATA
Cause of Corrosion Other:	Not reported
Coating:	NO DATA
Operator rec prior notification of excavation:	NO
Notification Date:	Not reported
Notification Hr:	0
Was pipeline marked:	NO
Type mark:	Not reported
Type mark other:	Not reported
Stat Req mark:	NO
damerthmve:	Not reported
damerthmo:	Not reported
emcoth:	NO
emcothdesc:	Not reported
causlkcons:	Not reported
steel_clas:	NO DATA

(Continued) **1009647834**

Plastic:	NO DATA
plastreinf:	NO
castiron:	NO DATA
othmat:	Not reported
intialtest:	Not reported
tstmedinit:	NO DATA
tstmedioth:	Not reported
inittstyr:	0
mintstpres:	0.00
tmehldpres:	0
presslkini:	0
subseqtst:	Not reported
tstmedsubs:	NO DATA
tstmsubot:	Not reported
subseqtyr:	0
mintstpsub:	0.00
thpresssub:	0
presslksub:	0

D34 **RICKS AUTOMATIC CAR WASH INC** **EDR Hist Auto** **1021282005**
SW **2087 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH 43209**
0.107 mi.
567 ft. **Site 2 of 2 in cluster D**

Relative: EDR Hist Auto
Lower

Actual: **752 ft.**

Year:	Name:	Type:
1972	RICKS AUTOMATIC CAR WASH INC	Carwashes
1973	RICKS AUTOMATIC CAR WASH INC	Carwashes
1974	RICKS AUTOMATIC CAR WASH INC	Carwashes
1975	RICKS AUTOMATIC CAR WASH INC	Carwashes
1976	RICKS AUTOMATIC CAR WASH INC	Carwashes
1977	RICKS AUTOMATIC CAR WASH INC	Carwashes
1978	RICKS AUTOMATIC CAR WASH INC	Carwashes
1979	RICKS AUTOMATIC CAR WASH INC	Carwashes
1980	RICKS AUTOMATIC CAR WASH INC	Carwashes

E35 **DARBY SERVICE CO** **EDR Hist Auto** **1009039228**
SE **2217 E LIVINGSTON AV** **N/A**
< 1/8 **COLUMBUS, OH**
0.120 mi.
633 ft. **Site 1 of 15 in cluster E**

Relative: EDR Hist Auto
Higher

Actual: **760 ft.**

Year:	Name:	Type:
1932	DARBY SERVICE CO	AUTOMOBILE REPAIRING

E36 **MC KINLEY MOTOR SERVICE** **EDR Hist Auto** **1009036689**
SE **2221 E LIVINGSTON AVE** **N/A**
< 1/8 **COLUMBUS, OH**
0.124 mi.
653 ft. **Site 2 of 15 in cluster E**

Relative: EDR Hist Auto
Higher

Year:	Name:	Type:
1937	MC KINLEY MOTOR SERVICE	AUTOMOBILE REPAIRING

Actual:
760 ft.

E37 **SPEEDWAY #5194** **RGA LUST** **S114789761**
ESE **2240 LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH**
0.134 mi.
709 ft. **Site 3 of 15 in cluster E**

Relative: RGA LUST:
Higher

1999	SPEEDWAY #5194	2240 LIVINGSTON AVE

Actual:
764 ft.

E38 **STARVIN MARVIN 5194** **RCRA-CESQG** **1004764737**
ESE **2240 E LIVINGSTON** **FINDS** **OHD987004314**
1/8-1/4 **BEXLEY, OH 43209** **ECHO**
0.134 mi.
709 ft. **Site 4 of 15 in cluster E**

Relative: RCRA-CESQG:
Higher

Date form received by agency:	02/15/2011
Facility name:	SPEEDWAY 5194
Facility address:	2240 E LIVINGSTON BEXLEY, OH 43209
EPA ID:	OHD987004314
Mailing address:	PO BOX 1500 SPRINGFIELD, OH 45501
Contact:	CHARLES A BESSE
Contact address:	PO BOX 1500 SPRINGFIELD, OH 45501
Contact country:	US
Contact telephone:	937-863-6278
Contact email:	CABESSE@SSALLC.COM
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
764 ft.

STARVIN MARVIN 5194 (Continued) **1004764737**

Owner/Operator Summary:
Owner/operator name: SPEEDWAY LLC
Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: SPEEDWAY LLC
Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 04/04/2005
Site name: SPEEDWAY 5194
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001

STARVIN MARVIN 5194 (Continued) **1004764737**

. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 12/03/1997
Site name: STARVIN MARVIN 5194
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110004672587

Environmental Interest/Information System

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ECHO:
Envid: 1004764737
Registry ID: 110004672587
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004672587

E39 **SPEEDWAY #5194** **LUST U000891486**
ESE **2240 E LIVINGSTON AVE** **UST N/A**
1/8-1/4 **BEXLEY, OH 43209** **ARCHIVE UST**
0.134 mi.
709 ft. **Site 5 of 15 in cluster E**

Relative:
Higher

Actual:
764 ft.

LUST:
Release Number: 25000606-N00001
Release Date: 06/25/1998
Facility Status: **Inactive**
LTF Status: 6 Closure of regulated UST
FR Status: **NFA: No Further Action**
Priority: 3
Review Date: 03/13/2003
Priority Decode: SUS/CON from AST
Class1 Decode: A viable RP have been identified

SPEEDWAY #5194 (Continued) **U000891486**

Class: Viable Responsible Party has been identified

UST:

Facility Id:	25000606
Facility Type:	Gas Station
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City/State/Zip:	45501
Tank Number:	T00001
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1977
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00002
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1977
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported

SPEEDWAY #5194 (Continued) **U000891486**

Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00003
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1977
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)

SPEEDWAY #5194 (Continued) **U000891486**

Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00004
Status:	CIU - Currently In Use
UST Capacity:	4000
Tank Content:	Kerosene
Installation Date:	06/25/1998
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8008-20-6
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00005
Status:	CIU - Currently In Use
UST Capacity:	4000
Tank Content:	Diesel
Installation Date:	06/25/1998
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	68334-30-5
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported

SPEEDWAY #5194 (Continued) **U000891486**

UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

ARCHIVE UST:

Facility Number:	25000606
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City,St,Zip:	SPRINGFIELD, OH 45501

Permit:

Facility Id:	25000606
Permit Id:	P00001
Permit Status:	Closed
Issued Date:	6/25/1998
LFD Permit Id:	06564

Tank ID:	T00001
Tank Type:	SW - FRP - Fiberglass
Tank Status:	**Currently In Use**
Install Date:	1/1/1977
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	SW FRP - Fiberglass
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

SPEEDWAY #5194 (Continued) **U000891486**

Tank ID:	T00002
Tank Type:	SW - FRP - Fiberglass
Tank Status:	**Currently In Use**
Install Date:	1/1/1977
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	SW FRP - Fiberglass
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00003
Tank Type:	SW - FRP - Fiberglass
Tank Status:	**Currently In Use**
Install Date:	1/1/1977
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	SW FRP - Fiberglass
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00004
Tank Type:	SW - FRP - Fiberglass
Tank Status:	**Currently In Use**
Install Date:	6/25/1998
Content:	Kerosene
Capacity:	4000
Corrosion Protection Tank:	None Required
CAS #:	8008-20-6
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported

SPEEDWAY #5194 (Continued) **U000891486**

Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	SW FRP - Fiberglass
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00005
Tank Type:	SW - FRP - Fiberglass
Tank Status:	**Currently In Use**
Install Date:	6/25/1998
Content:	Diesel
Capacity:	4000
Corrosion Protection Tank:	None Required
CAS #:	68334-30-5
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	SW FRP - Fiberglass
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

E40 **SPEEDWAY SERVICE** **EDR Hist Auto** **1009038706**
ESE **2240 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH**
0.134 mi.
709 ft. **Site 6 of 15 in cluster E**

Relative: EDR Hist Auto
Higher

Actual: **764 ft.**

Year:	Name:	Type:
1971	SWONGERS MARATHON SERVICE STATI	GASOLINE STATIONS
1972	SWONGER MARATHON	Gasoline Service Stations
1973	SWONGER MARATHON	Gasoline Service Stations
1974	SWONGER MARATHON	Gasoline Service Stations
1976	SPEEDWAY SERVICE	GASOLINE STATIONS
1981	SPEEDWAY SERVICE	GASOLINE STATIONS
1986	SPEEDWAY	Gasoline Service Stations
1987	SPEEDWAY	Gasoline Service Stations
1988	MARATHON OIL COMPANY	Gasoline Service Stations
1989	EMRO MARKETING COMPANY	Gasoline Service Stations
1990	EMRO MARKETING COMPANY	Gasoline Service Stations
1991	EMRO MARKETING COMPANY	Gasoline Service Stations
1992	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1993	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1994	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1995	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1996	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1997	EMRO MARKETING COMPANY	Gasoline Service Stations, NEC
1998	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC

SPEEDWAY SERVICE (Continued) **1009038706**

1999	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2000	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2001	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2002	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2003	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2004	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2005	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2006	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2007	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2008	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2009	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2010	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
2011	SPEEDWAY LLC	Gasoline Service Stations, NEC
2012	SPEEDWAY LLC	Gasoline Service Stations, NEC
2013	SPEEDWAY LLC	Gasoline Service Stations, NEC
2014	SPEEDWAY LLC	Gasoline Service Stations, NEC

E41
ESE
1/8-1/4
0.134 mi.
709 ft.

SPEEDWAY #5194 **RGA LUST** **S114789760**
2240 E LIVINGSTON **N/A**
BEXLEY, OH

Site 7 of 15 in cluster E

Relative:
Higher

Actual:
764 ft.

RGA LUST:

2004	SPEEDWAY #5194	2240 E LIVINGSTON
2003	SPEEDWAY #5194	2240 E LIVINGSTON
2002	SPEEDWAY #5194	2240 E LIVINGSTON
2001	SPEEDWAY #5194	2240 E LIVINGSTON
2000	SPEEDWAY #5194	2240 E LIVINGSTON

E42
ESE
1/8-1/4
0.134 mi.
709 ft.

SPEEDWAY #5194 **RGA LUST** **S114789759**
2240 E LIVINGSTON AVE **N/A**
BEXLEY, OH

Site 8 of 15 in cluster E

Relative:
Higher

Actual:
764 ft.

RGA LUST:

2012	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2011	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2010	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2009	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2008	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2007	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2006	SPEEDWAY #5194	2240 E LIVINGSTON AVE
2005	SPEEDWAY #5194	2240 E LIVINGSTON AVE

43
East
1/8-1/4
0.142 mi.
748 ft.

LEAD **S118288627**
956 COLLEGE AVE **N/A**
COLUMBUS, OH 43209

Relative:
Higher

Actual:
770 ft.

LEAD:

License Number:	LA006349
Contractor Last Name:	Shiets
Contractor First Name:	Clifton
Summary Month:	4

(Continued) **S118288627**

Summary Year: 2010
Summary Number: 132642
Detail Number: 153511
Activity Performed: Clearance Testing
Reason For Activity: Owner Requested

E44 **J & A PURE OIL** **EDR Hist Auto** **1009038513**
ESE **2253 LIVINGSTON** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
0.148 mi.
779 ft. **Site 9 of 15 in cluster E**

Relative: EDR Hist Auto
Higher

Actual:
763 ft.

Year:	Name:	Type:
1952	GARDNER ARDEN E	GASOLINE STATIONS
1956	GARDNER ARDEN E	GASOLINE STATIONS
1956	GARDNER S SERVICE STATION	GASOLINE STATIONS
1969	J & A PURE OIL	Gasoline Service Stations
1970	J & A PURE OIL	Gasoline Service Stations
1971	J & A UNION 76	Gasoline Service Stations
1972	J & A UNION 76	Gasoline Service Stations
1973	J & A UNION 76	Gasoline Service Stations
1974	B & W 76 STATION	Gasoline Service Stations
1974	J & A UNION 76	Gasoline Service Stations
1975	B & W 76 STATION	Gasoline Service Stations
1976	BROWNIE S UNION	GASOLINE STATIONS
1980	BERWICK SERVICE CENTER	Gasoline Service Stations
1981	UNION SEVENTY SIX SERVICE STATI	GASOLINE STATIONS
1982	BERWICK SERVICE CENTER	Gasoline Service Stations
1983	BERWICK SERVICE CENTER	Gasoline Service Stations
1985	BERWICK SERVICE CENTER	Gasoline Service Stations
1986	BERWICK SERVICE CENTER	Gasoline Service Stations
1987	BERWICK SERVICE CENTER	Gasoline Service Stations
1988	BERWICK SERVICE CENTER	Gasoline Service Stations
1989	BERWICK SERVICE CENTER	Gasoline Service Stations
1990	BERWICK SERVICE CENTER	Gasoline Service Stations
1991	BERWICK SERVICE CENTER	Gasoline Service Stations
1992	BERWICK SERVICE CENTER	Gasoline Service Stations
1993	BERWICK SERVICE CENTER	Gasoline Service Stations
1994	BERWICK SERVICE CENTER	Gasoline Service Stations
1995	BERWICK SERVICE CENTER	Gasoline Service Stations
1996	BERWICK SERVICE CENTER	Gasoline Service Stations
1997	BERWICK SERVICE CENTER	Gasoline Service Stations

E45 **FORMER UNOCAL 9097-123** **RGA LUST** **S114764731**
ESE **2253 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH**
0.148 mi.
779 ft. **Site 10 of 15 in cluster E**

Relative: RGA LUST:
Higher

Actual:
763 ft.

1999	FORMER UNOCAL 9097-123	2253 E LIVINGSTON AVE
1998	FORMER UNOCAL 9097-123	2253 E LIVINGSTON AVE
1997	FORMER UNOCAL 9097-123	2253 E LIVINGSTON AVE
1996	FORMER UNOCAL 9097-123	2253 E LIVINGSTON AVE

E46
ESE
1/8-1/4
0.148 mi.
779 ft.

76 SERVICE STATION
2253 E LIVINGSTON AVE
COLUMBUS, OH 43209

Site 11 of 15 in cluster E

ARCHIVE UST **U004083416**
N/A

Relative:
Higher

Actual:
763 ft.

ARCHIVE UST:

Facility Number:	25000777
Owner Name:	P.D.V. MIDWEST REFINING,L.L.C
Owner Address:	PO BOX 3758
Owner City,St,Zip:	TULSA, OK 74102

Permit:

Facility Id:	25000777
Permit Id:	P00001
Permit Status:	Closed
Issued Date:	11/12/1998
LFD Permit Id:	07518

Tank ID:	T00001
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1986
Content:	Used Oil
Capacity:	550
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Statistical Inventory Reconciliation
Date Removed:	10/10/1997
Date Last Use:	10/7/1997
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Release Detection On Piping:	Not reported

Tank ID:	T00002
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1986
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	Not reported
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Statistical Inventory Reconciliation
Date Removed:	10/10/1997
Date Last Use:	10/7/1997
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Unknown

76 SERVICE STATION (Continued) **U004083416**

Piping Type: Not reported
Release Detection On Piping: Not reported

Tank ID: T00003
Tank Type: Fiberglass Reinforced Plastic
Tank Status: Removed
Install Date: 1/1/1986
Content: Gasoline
Capacity: 10000
Corrosion Protection Tank: Not reported
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Statistical Inventory Reconciliation
Date Removed: 10/10/1997
Date Last Use: 10/7/1997
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection On Piping: Not reported

Tank ID: T00004
Tank Type: Fiberglass Reinforced Plastic
Tank Status: Removed
Install Date: 1/1/1967
Content: Gasoline
Capacity: 9500
Corrosion Protection Tank: Not reported
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Statistical Inventory Reconciliation
Date Removed: 10/10/1997
Date Last Use: 10/7/1997
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection On Piping: Not reported

E47 **76 SERVICE STATION** **LUST U004204647**
ESE **2253 E LIVINGSTON AVE** **UST N/A**
1/8-1/4 **COLUMBUS, OH 43209**
0.148 mi.
779 ft. **Site 12 of 15 in cluster E**

Relative:
Higher

Actual:
763 ft.

LUST:
Release Number: 25000777-N00001
Release Date: 01/10/1989
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST

76 SERVICE STATION (Continued) **U004204647**

FR Status: **NFA: No Further Action**
Priority: 2
Review Date: 01/07/2002
Priority Decode: SUS/CON from non-regulated UST
Class1 Decode: A viable RP have been identified
Class: Viable Responsible Party has been identified

UST:

Facility Id:	25000777
Facility Type:	Gas Station
Owner Name:	P.D.V. MIDWEST REFINING,L.L.C
Owner Address:	PO BOX 3758
Owner City/State/Zip:	74102
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	550
Tank Content:	Used Oil
Installation Date:	01/01/1986
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	10/07/1997
Date TCL Closed:	Not reported
Date Removed:	10/10/1997
CAS Number:	Not reported
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMSIR - Alternative Method (SIR)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Statistical Inventory Reconciliation / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Unknown
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00002
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1986
Construction:	FRP-Fiberglass Reinforced Plastic

76 SERVICE STATION (Continued) **U004204647**

Date Last Used:	10/07/1997
Date TCL Closed:	Not reported
Date Removed:	10/10/1997
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMSIR - Alternative Method (SIR)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Statistical Inventory Reconciliation / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Unknown
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00003
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1986
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	10/07/1997
Date TCL Closed:	Not reported
Date Removed:	10/10/1997
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMSIR - Alternative Method (SIR)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Statistical Inventory Reconciliation / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Unknown

76 SERVICE STATION (Continued) **U004204647**

Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00004
Status:	REM - Removed
UST Capacity:	9500
Tank Content:	Gasoline
Installation Date:	01/01/1967
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	10/07/1997
Date TCL Closed:	Not reported
Date Removed:	10/10/1997
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMSIR - Alternative Method (SIR)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: Statistical Inventory Reconciliation / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	OTH - Other (explain)
Piping Construction Comments:	Unknown
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

E48 **UNOCAL** **RGA LUST** **S114796526**
ESE **2253 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH**
0.148 mi.
779 ft. **Site 13 of 15 in cluster E**

Relative:
Higher

Actual:
763 ft.

RGA LUST:

1995	UNOCAL	2253 E LIVINGSTON AVE
1994	UNOCAL	2253 E LIVINGSTON AVE

E49
ESE
1/8-1/4
0.148 mi.
779 ft.

UNOCAL NO 123
2253 E LIVINGSTON AVE
COLUMBUS, OH 43209

Site 14 of 15 in cluster E

FINDS **1005808882**
N/A

Relative:
Higher

Actual:
763 ft.

FINDS:

Registry ID: 110009663729

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

E50
ESE
1/8-1/4
0.148 mi.
779 ft.

76 SERVICE STATION
2253 E LIVINGSTON AVE
COLUMBUS, OH

Site 15 of 15 in cluster E

RGA LUST **S114744176**
N/A

Relative:
Higher

Actual:
763 ft.

RGA LUST:

2012	76 SERVICE STATION	2253 E LIVINGSTON AVE
2011	76 SERVICE STATION	2253 E LIVINGSTON AVE
2010	76 SERVICE STATION	2253 E LIVINGSTON AVE
2009	76 SERVICE STATION	2253 E LIVINGSTON AVE
2008	76 SERVICE STATION	2253 E LIVINGSTON AVE
2007	76 SERVICE STATION	2253 E LIVINGSTON AVE
2006	76 SERVICE STATION	2253 E LIVINGSTON AVE
2005	76 SERVICE STATION	2253 E LIVINGSTON AVE
2004	76 SERVICE STATION	2253 E LIVINGSTON AVE
2003	76 SERVICE STATION	2253 E LIVINGSTON AVE
2002	76 SERVICE STATION	2253 E LIVINGSTON AVE
2001	76 SERVICE STATION	2253 E LIVINGSTON AVE
2000	76 SERVICE STATION	2253 E LIVINGSTON AVE

51
ESE
1/8-1/4
0.177 mi.
934 ft.

BERWICK SHELL STATION
2260 E LIVINGSTON AVE
COLUMBUS, OH

EDR Hist Auto **1009038118**
N/A

Relative:
Higher

Actual:
769 ft.

EDR Hist Auto

Year:	Name:	Type:
1960	BERWICLC SHELL SERVICE	GASOLINE STATIONS
1965	BERWICK SHELL SERVICE	GASOLINE STATIONS
1971	BERWICK SHELL STATION	GASOLINE STATIONS
1976	BERWICK SHELL STATION	GASOLINE STATIONS
1986	SPEEDY MUFFLER KING 3440	Automotive Repair Shops, NEC
1987	SPEEDY MUFFLER KING 3440	Automotive Repair Shops, NEC
1988	SPEEDY MUFFLER KING 3440	Automotive Repair Shops, NEC

F52
WSW
1/8-1/4
0.180 mi.
949 ft.

SAFETY KLEEN
I70 WB BTWN RT 33 & LIVINGSTON AVE EXIT
COLUMBUS, OH

Site 1 of 4 in cluster F

SPILLS **S106334986**
N/A

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	8908-25-2991
Spill Number:	2991
Spill Month/Year:	8/1989
Date Spill Reported:	08/03/1989
Reporter Name:	PUCO
Confidential:	No
District Code:	CD
Employee Number:	1785
District C Decode:	Central
Product Spilled Name:	TRIFLUOROETHANE
Lat/Long:	Not reported

F53
WSW
1/8-1/4
0.180 mi.
949 ft.

LANDSTAR RANGER
I-70 EB 103 MM AT LIVINGSTON AVE
COLUMBUS, OH

Site 2 of 4 in cluster F

SPILLS **S111003711**
N/A

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	1105-25-1762
Spill Number:	1762
Spill Month/Year:	5/2011
Date Spill Reported:	05/23/2011
Reporter Name:	IAN MILLER
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	3954543 / 8256380

F54
WSW
1/8-1/4
0.186 mi.
983 ft.

MARION S GULF
1999 E LIVINGSTON AVE
COLUMBUS, OH

Site 3 of 4 in cluster F

EDR Hist Auto **1009037947**
N/A

Relative:
Higher

Actual:
759 ft.

EDR Hist Auto

Year:	Name:	Type:
1960	MARION S GULF	GASOLINE STATIONS

F55
WSW
1/8-1/4
0.186 mi.
983 ft.

RMI TITANIUM **SPILLS** **S102885877**
LIVINGSTON AVE & I-70 **N/A**
COLUMBUS, OH

Site 4 of 4 in cluster F

Relative:
Higher

Actual:
760 ft.

SPILLS:

Spill No.:	9109-25-3904
Spill Number:	3904
Spill Month/Year:	9/1991
Date Spill Reported:	09/11/1991
Reporter Name:	OCO
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	GASOLINE
Lat/Long:	Not reported

56
SW
1/8-1/4
0.187 mi.
986 ft.

KRAMER JOHN **EDR Hist Auto** **1009038105**
1991 E LIVINGSTON AV **N/A**
COLUMBUS, OH

Relative:
Lower

Actual:
738 ft.

EDR Hist Auto

Year:	Name:	Type:
1942	KRAMER JOHN	GASOLINE AND OIL SERVICE STATIONS
1952	KRAMER WM E	GASOLINE STATIONS
1956	KRAMER WM E	GASOLINE STATIONS

G57
NW
1/8-1/4
0.198 mi.
1045 ft.

ALUM CREEK GI, COLUMBUS **DERR** **S104517687**
RIVER MILE 3.8 N TO RIVER MILE 10 **VAPOR** **N/A**
COLUMBUS, OH 43207

Site 1 of 2 in cluster G

Relative:
Lower

Actual:
739 ft.

DERR:

DERR ID:	125001965
District:	CDO
Alias:	Not reported
Lat/Long:	39.952064 -82.942785
CERCLIS ID:	Not reported
Program:	**Site Assessment**
Decode for Activity:	Site Assessment

58
SE
1/8-1/4
0.201 mi.
1063 ft.

BERWICK DRY CLEANERS — **EDR Hist Cleaner** — **1018927953**
1047 COLLEGE AVE — **N/A**
COLUMBUS, OH 43209

Relative:
Higher

Actual:
766 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1997	BERWICK DRY CLEANERS	Garment Pressing And Cleaners' Agents
2007	BERWICK DRY CLEANERS	Garment Pressing And Cleaners' Agents
2008	BERWICK DRY CLEANERS	Garment Pressing And Cleaners' Agents

---

H59
West
1/8-1/4
0.202 mi.
1066 ft.

UNK — **SPILLS** — **S102889777**
ALUM & LIVINGTON — **N/A**
COLUMBUS, OH

Site 1 of 2 in cluster H

Relative:
Lower

Actual:
758 ft.

SPILLS:

Spill No.:	9207-25-2850
Spill Number:	2850
Spill Month/Year:	7/1992
Date Spill Reported:	07/06/1992
Reporter Name:	OEPA
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	DRUMS
Lat/Long:	Not reported

I60
WSW
1/8-1/4
0.222 mi.
1172 ft.

SPILLS 90 — **S112446229**
I-70 EB @ ALUM CREEK DR — **N/A**
COLUMBUS, OH 43205

Site 1 of 11 in cluster I

Relative:
Higher

Actual:
761 ft.

Spills:

Status:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Site ID:	OHSP-1006-3189
Secondary ID:	3189.00
Cross Street:	Not reported
County:	FRANKLIN
Longitude:	-82944634
Latitude:	39948627
Elevation:	234.756

61
WNW
1/8-1/4
0.227 mi.
1196 ft.

SEWARD MOTOR FREIGHT — **SPILLS** — **S106324468**
I71 WB ON ALUM CREEK DR OVERPASS — **N/A**
COLUMBUS, OH

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	9609-25-3855
Spill Number:	3855
Spill Month/Year:	9/1996
Date Spill Reported:	09/03/1996
Reporter Name:	YEAGER
Confidential:	No
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	395704.4 / 825639.7

H62
West
1/8-1/4
0.234 mi.
1235 ft.

COLUMBIA GAS TRANSMISSION CORP — **FINDS** — **1016232615**
ALUM CREEK DR — **ECHO** — **N/A**
COLUMBUS, OH 43205

Site 2 of 2 in cluster H

Relative:
Higher

Actual:
759 ft.

FINDS:

Registry ID: 110007715749

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016232615
Registry ID:	110007715749
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110007715749

I63
WSW
1/8-1/4
0.235 mi.
1243 ft.

BP OIL CO. #07723 — **RGA LUST** — **S114750466**
1971 E LIVINGSTON AVE — **N/A**
COLUMBUS, OH

Site 2 of 11 in cluster I

Relative:
Higher

Actual:
760 ft.

RGA LUST:

2012	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2011	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2010	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2009	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2008	BP OIL CO. #07723	1971 E LIVINGSTON AVE

BP OIL CO. #07723 (Continued) **S114750466**

2007	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2006	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2005	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2004	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2003	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2002	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2001	BP OIL CO. #07723	1971 E LIVINGSTON AVE
2000	BP OIL CO. #07723	1971 E LIVINGSTON AVE

I64 **BP OIL CO. #07723** **LUST U004204857**
WSW **1971 E LIVINGSTON AVE** **UST N/A**
1/8-1/4 **COLUMBUS, OH 43209**
0.235 mi.
1243 ft. **Site 3 of 11 in cluster I**

Relative:
Higher

Actual:
760 ft.

LUST:

Release Number:	25001454-N00001
Release Date:	Not reported
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	03/30/2000
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

UST:

Facility Id:	25001454
Facility Type:	Gas Station
Owner Name:	KANTAM ENTERPRISES LLC
Owner Address:	6135 MONTGOMERY ROAD
Owner City/State/Zip:	45213
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	8000
Tank Content:	Gasoline
Installation Date:	01/01/1980
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	01/01/1989
Date TCL Closed:	Not reported
Date Removed:	01/01/1989
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure

BP OIL CO. #07723 (Continued) **U004204857**

Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00002
Status:	REM - Removed
UST Capacity:	8000
Tank Content:	Gasoline
Installation Date:	01/01/1980
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	01/01/1989
Date TCL Closed:	Not reported
Date Removed:	01/01/1989
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00003
Status:	REM - Removed
UST Capacity:	8000
Tank Content:	Gasoline
Installation Date:	01/01/1980
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	01/01/1989

BP OIL CO. #07723 (Continued) **U004204857**

Date TCL Closed:	Not reported
Date Removed:	01/01/1989
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Fiberglass Reinforced Plastic
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Fiberglass Reinforced Plastic
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

I65 **BP OIL CO. #07723** **ARCHIVE UST** **U004085851**
WSW **1971 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
0.235 mi.
1243 ft. **Site 4 of 11 in cluster I**

Relative:
Higher

Actual:
760 ft.

ARCHIVE UST:

Facility Number:	25001454
Owner Name:	BP PRODUCTS N A INC-HSSE COMPL
Owner Address:	P.O. BOX 6038
Owner City,St,Zip:	ARTESIA, CA 90702
Tank ID:	T00001
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1980
Content:	Gasoline
Capacity:	8000
Corrosion Protection Tank:	Not reported
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Not reported
Date Removed:	1/1/1989
Date Last Use:	1/1/1989
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported

BP OIL CO. #07723 (Continued) **U004085851**

Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Not reported

Tank ID:	T00002
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1980
Content:	Gasoline
Capacity:	8000
Corrosion Protection Tank:	Not reported
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Not reported
Date Removed:	1/1/1989
Date Last Use:	1/1/1989
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Not reported

Tank ID:	T00003
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Removed**
Install Date:	1/1/1980
Content:	Gasoline
Capacity:	8000
Corrosion Protection Tank:	Not reported
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Not reported
Date Removed:	1/1/1989
Date Last Use:	1/1/1989
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Not reported

I66
WSW
1/8-1/4
0.235 mi.
1243 ft.

STANDARD OIL CO
1971 E LIVINGSTON AVE
COLUMBUS, OH

Site 5 of 11 in cluster I

EDR Hist Auto **1009038524**
N/A

Relative:
Higher

Actual:
760 ft.

EDR Hist Auto

Year:	Name:	Type:
1960	ED S SOHIO	GASOLINE STATIONS
1971	STANDARD OIL CO	GASOLINE STATIONS
1976	STANDARD OIL CO	GASOLINE STATIONS
1981	STANDARD OIL CO	GASOLINE STATIONS

G67
NW
1/8-1/4
0.238 mi.
1255 ft.

HANFORD VILLAGE PARK
755 ALUM CREEK DR
COLUMBUS, OH 43205

Site 2 of 2 in cluster G

NPDES **S117856167**
N/A

Relative:
Lower

Actual:
750 ft.

OH NPDES:

Issue Date:	03/25/2015
Township:	Not reported
Facility Npdes Permit:	4GC04852*AG
Applicant Name:	COLUMBUS RECREATION & PARKS DEPT
Applicant Address:	1111 E BROAD ST COLUMBUSOH 43205

68
ESE
1/8-1/4
0.246 mi.
1297 ft.

COLUMBUS WWTP
2295 LIVINGSTON AVE
COLUMBUS, OH

SPILLS **S120846774**
N/A

Relative:
Higher

Actual:
770 ft.

SPILLS:

Spill No.:	1702-25-0324
Spill Number:	324
Spill Month/Year:	2/2017
Date Spill Reported:	02/15/2017
Reporter Name:	MIKE FOSTER
Confidential:	Not reported
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	SEWAGE
Lat/Long:	Not reported

69
NW
1/4-1/2
0.251 mi.
1324 ft.

2012 KENT STREET
COLUMBUS, OH 43205

LEAD **S116284239**
N/A

Relative:
Lower

Actual:
755 ft.

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	6

(Continued) **S116284239**

Summary Year: 2014
Summary Number: 147289
Detail Number: 182085
Activity Performed: Clearance Testing
Reason For Activity: Lead Safe Renovation

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 6
Summary Year: 2014
Summary Number: 147289
Detail Number: 182085
Activity Performed: Clearance Testing
Reason For Activity: Non-Abatement

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 6
Summary Year: 2014
Summary Number: 147289
Detail Number: 182085
Activity Performed: Clearance Testing
Reason For Activity: Owner Requested

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 12
Summary Year: 2013
Summary Number: 145272
Detail Number: 178793
Activity Performed: Clearance Testing
Reason For Activity: Lead Safe Renovation

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 12
Summary Year: 2013
Summary Number: 145272
Detail Number: 178793
Activity Performed: Clearance Testing
Reason For Activity: Non-Abatement

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 12
Summary Year: 2013
Summary Number: 145272
Detail Number: 178793
Activity Performed: Clearance Testing
Reason For Activity: Owner Requested

I70 **UNK** **SPILLS** **S106309145**
WSW **ALUM CREEK & LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1361 ft. **Site 6 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	9907-25-2408
Spill Number:	2408
Spill Month/Year:	7/1999
Date Spill Reported:	07/02/1999
Reporter Name:	BRUCE HERRMANN
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	ODOR
Product Spilled Name:	ODOR
Product Spilled Name:	ODOR
Lat/Long:	Not reported

I71 **SOHIO** **RGA LUST** **S114788855**
WSW **ALUM CREEK & LIVINGSTON** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1361 ft. **Site 7 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

RGA LUST:

1998	SOHIO	ALUM CREEK & LIVINGSTON
1997	SOHIO	ALUM CREEK & LIVINGSTON
1996	SOHIO	ALUM CREEK & LIVINGSTON
1995	SOHIO	ALUM CREEK & LIVINGSTON
1994	SOHIO	ALUM CREEK & LIVINGSTON

I72 **BP #07723** **RGA LUST** **S114749420**
WSW **ALUM CREEK & LIVINGSTON** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1361 ft. **Site 8 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

RGA LUST:

1999	BP #07723	ALUM CREEK & LIVINGSTON

I73 **STANDARD OIL CO** **SPILLS** **S106336170**
WSW **LIVINGSTON & ALUM CREEK** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1361 ft. **Site 9 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	8404-25-0912
Spill Number:	0912
Spill Month/Year:	4/1984
Date Spill Reported:	04/11/1984
Reporter Name:	COMPANY
Confidential:	No

STANDARD OIL CO (Continued) **S106336170**

District Code: CD
Employee Number: Not reported
District C Decode: Central
Product Spilled Name: GASOLINE
Lat/Long: Not reported

I74 **DIRECT TRANSIT** **SPILLS** **S106325250**
WSW **ALUM CREEK @ LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1361 ft. **Site 10 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

SPILLS:
Spill No.: 9503-25-0964
Spill Number: 0964
Spill Month/Year: 3/1995
Date Spill Reported: 03/16/1995
Reporter Name: DISP LINDENBERG
Confidential: No
District Code: CD
Employee Number: 1786
District C Decode: Central
Product Spilled Name: DIESEL FUEL
Lat/Long: 395654 / 825641

I75 **CAPITAL UNIVERSITY** **SPILLS** **S110339842**
WSW **ALUM CREEK AT LIVINGSTON AVE EAST BANK** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.258 mi.
1363 ft. **Site 11 of 11 in cluster I**

Relative:
Higher

Actual:
759 ft.

SPILLS:
Spill No.: 1002-25-0324
Spill Number: 324
Spill Month/Year: 2/2010
Date Spill Reported: 02/14/2010
Reporter Name: HALE
Confidential: Not reported
District Code: CD
Employee Number: 1752
District C Decode: Central
Product Spilled Name: FUEL OIL
Lat/Long: 3957206 / 8236194

J76 **SYNA LLC** **EDR Hist Auto** **1021198800**
WSW **995 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.269 mi.
1422 ft. **Site 1 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

EDR Hist Auto

Year:	Name:	Type:
2011	SYNA LLC	Gasoline Service Stations
2012	SYNA LLC	Gasoline Service Stations

SYNA LLC (Continued) **1021198800**

2013 SYNA LLC Gasoline Service Stations
2014 SYNA LLC Gasoline Service Stations

K77
SE
1/4-1/2
0.273 mi.
1443 ft.

LEO YASSENOFF JEWISH CENTER RECREATIONAL DAY CAMP **FINDS** **1006218024**
1125 COLLEGE AVE **N/A**
COLUMBUS, OH 43209

Site 1 of 3 in cluster K

Relative:
Higher

Actual:
765 ft.

FINDS:

Registry ID: 110009665442

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

78
West
1/4-1/2
0.280 mi.
1478 ft.

LEAD **S118271965**
N/A

1937 CLAY CT
COLUMBUS, OH 43205

Relative:
Higher

Actual:
759 ft.

LEAD:

License Number:	LA006580
Contractor Last Name:	Lopinsky
Contractor First Name:	Michael
Summary Month:	10
Summary Year:	2008
Summary Number:	125672
Detail Number:	136318
Activity Performed:	Clearance Testing
Reason For Activity:	Non-Abatement

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	4
Summary Year:	2008
Summary Number:	123341
Detail Number:	130825
Activity Performed:	Inspection/Risk Assessment
Reason For Activity:	Abatement

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	4

(Continued) **S118271965**

Summary Year: 2008
Summary Number: 123341
Detail Number: 130825
Activity Performed: Inspection/Risk Assessment
Reason For Activity: Owner Requested

J79 **RICH OIL NO 7152** **FINDS** **1006217957**
WSW **1001 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.283 mi.
1494 ft. **Site 2 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

FINDS:

Registry ID: 110009664737

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

J80 **ALUM CREEK MARATHON** **RGA LUST** **S114745493**
WSW **1001 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.283 mi.
1494 ft. **Site 3 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

RGA LUST:

2012	ALUM CREEK MARATHON	1001 ALUM CREEK DR
2011	ALUM CREEK MARATHON	1001 ALUM CREEK DR
2010	ALUM CREEK MARATHON	1001 ALUM CREEK DR
2009	ALUM CREEK MARATHON	1001 ALUM CREEK DR
2008	ALUM CREEK MARATHON	1001 ALUM CREEK DR
2007	ALUM CREEK MARATHON	1001 ALUM CREEK DR

J81 **SAVE MORE GAS STA** **EDR Hist Auto** **1009038628**
WSW **1001 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.283 mi.
1494 ft. **Site 4 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

EDR Hist Auto

Year:	Name:	Type:
1976	SAVE MORE GAS STA	GASOLINE STATIONS
1981	SAVE MORE GAS STA	GASOLINE STATIONS
1994	RICH OIL INC	Gasoline Service Stations
1994	SAVE MORE GAS STA	Gasoline Service Stations
1995	RICH OIL INC	Gasoline Service Stations

SAVE MORE GAS STA (Continued) **1009038628**

1995	SAVE MORE GAS STA	Gasoline Service Stations
1996	ASHLAND INC	Gasoline Service Stations
1997	ASHLAND INC	Gasoline Service Stations
1998	ASHLAND INC	Gasoline Service Stations

J82 **RICH OIL NO 3752** **RCRA NonGen / NLR** **1004767642**
WSW **1001 ALUM CREEK DR** **FINDS** **OHR000041913**
1/4-1/2 **COLUMBUS, OH 43209**
0.283 mi.
1494 ft. **Site 5 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

RCRA NonGen / NLR:

Date form received by agency:	04/04/2005
Facility name:	RICH OIL # 3752
Facility address:	1001 ALUM CREEK DR COLUMBUS, OH 43209
EPA ID:	OHR000041913
Mailing address:	PO BOX 1500 SPRINGFIELD, OH 45501
Contact:	CHARLES BESSE
Contact address:	PO BOX 1500 SPRINGFIELD, OH 45501
Contact country:	US
Contact telephone:	937-863-6272
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SPEEDWAY SUPERAMERICA LLC
Owner/operator address:	PO BOX 1500 SPRINGFIELD, OH 45501
Owner/operator country:	Not reported
Owner/operator telephone:	937-864-3000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

RICH OIL NO 3752 (Continued) **1004767642**

Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 06/16/2000
Site name: RICH OIL # 3752
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110004737429

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

J83 **RICH OIL #3752** **RGA LUST** **S114784998**
WSW **1001 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.283 mi.
1494 ft. **Site 6 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

RGA LUST:

2006	RICH OIL #3752	1001 ALUM CREEK DR
2005	RICH OIL #3752	1001 ALUM CREEK DR
2004	RICH OIL #3752	1001 ALUM CREEK DR
2003	RICH OIL #3752	1001 ALUM CREEK DR
2002	RICH OIL #3752	1001 ALUM CREEK DR
2001	RICH OIL #3752	1001 ALUM CREEK DR

RICH OIL #3752 (Continued) **S114784998**

2000 RICH OIL #3752 1001 ALUM CREEK DR

J84 **SAVE MOR STORE** **SPILLS** **S106332734**
WSW **1001 ALUM CREEK DRIVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.283 mi.
1494 ft. **Site 7 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	9106-25-2153
Spill Number:	2153
Spill Month/Year:	6/1991
Date Spill Reported:	06/03/1991
Reporter Name:	COMPANY
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	GASOLINE
Lat/Long:	Not reported

J85 **ALUM CREEK MARATHON** **LUST** **U004099730**
WSW **1001 ALUM CREEK DR** **UST** **N/A**
1/4-1/2 **COLUMBUS, OH 43209** **ARCHIVE UST**
0.283 mi.
1494 ft. **Site 8 of 16 in cluster J**

Relative:
Higher

Actual:
759 ft.

LUST:

Release Number:	25000436-N00001
Release Date:	Not reported
Facility Status:	**Inactive**
LTF Status:	6 Closure of regulated UST
FR Status:	**NFA: No Further Action**
Priority:	3
Review Date:	06/20/2000
Priority Decode:	SUS/CON from AST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

UST:

Facility Id:	25000436
Facility Type:	Gas Station
Owner Name:	GBS ALUM LLC
Owner Address:	PO BOX 635
Owner City/State/Zip:	43216
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1974
Construction:	JS - Jacketed Steel
Date Last Used:	04/01/1999
Date TCL Closed:	Not reported
Date Removed:	06/29/1999
CAS Number:	8006-61-9
Abandoned Approved:	Not reported

ALUM CREEK MARATHON (Continued) **U004099730**

Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Cathodically Protected Steel;;Polyethylene Jacke
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	BM - Bare Metal
Piping Construction Comments:	Galvanized Steel;Cathodically Pr
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00002
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1974
Construction:	JS - Jacketed Steel
Date Last Used:	04/01/1999
Date TCL Closed:	Not reported
Date Removed:	06/29/1999
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Cathodically Protected Steel;;Polyethylene Jacke
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	BM - Bare Metal
Piping Construction Comments:	Galvanized Steel;Cathodically Pr
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present

ALUM CREEK MARATHON (Continued) **U004099730**

Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00003
Status:	REM - Removed
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	01/01/1974
Construction:	JS - Jacketed Steel
Date Last Used:	04/01/1999
Date TCL Closed:	Not reported
Date Removed:	06/29/1999
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Cathodically Protected Steel;;Polyethylene Jacke
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	BM - Bare Metal
Piping Construction Comments:	Galvanized Steel;Cathodically Pr
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

Tank Number:	T00004
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	10/06/2006
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported

ALUM CREEK MARATHON (Continued) **U004099730**

UST Configurations:	SC- Secondarily Contained
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	MLLD - Mechanical Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00005
Status:	CIU - Currently In Use
UST Capacity:	8000
Tank Content:	Diesel
Installation Date:	10/06/2006
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SC- Secondarily Contained
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	MLLD - Mechanical Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported

ALUM CREEK MARATHON (Continued) **U004099730**

Comments: Not reported

Tank Number: T00006
Status: CIU - Currently In Use
UST Capacity: 6000
Tank Content: Gasoline
Installation Date: 10/06/2006
Construction: FRP-Fiberglass Reinforced Plastic
Date Last Used: Not reported
Date TCL Closed: Not reported
Date Removed: Not reported
CAS Number: 8006-61-9
Abandoned Approved: Not reported
Regulated: YES
Sensitive Area: NO
Date Of Sensitivity: Not reported
UST Configurations: SC- Secondarily Contained
Construction Comments: Not reported
Corrosion Protections: NR - None Required by Rule
Corrosion Protection Comments: Not reported
Primary Release Detection: ATG - Automatic Tank Gauging
Secondary Release Detection: ATG - Automatic Tank Gauging
Release Detection Comments: Not reported
Piping Configuration: SC - Secondarily Contained
Piping Configuration Comments: Not reported
Piping Styles: P - Pressure
Piping Constructions: FRP - Fiberglass Reinforced Plastic
Piping Construction Comments: Not reported
Piping Corrosion Protections: NR - None required by rule
Piping Corrosion Protection Comments: Not reported
Piping Release Detections: MLLD - Mechanical Line Leak Detector
Piping Release Detection Comments: Not reported
Spill Prevention Manholes: SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments: Not reported
OverFill Prevention: FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment: Not reported
Comments: Not reported

ARCHIVE UST:
Facility Number: 25000436
Owner Name: ALUM CREEK ARC LLC
Owner Address: PO Box 635
Owner City,St,Zip: COLUMBUS, OH 43216

Permit:
Facility Id: 25000436
Permit Id: P00001
Permit Status: Closed
Issued Date: 6/29/1999
LFD Permit Id: Not reported

Facility Id: 25000436
Permit Id: P00002
Permit Status: Closed
Issued Date: 12/15/2005
LFD Permit Id: 13722

ALUM CREEK MARATHON (Continued) **U004099730**

Inspection:
Facility Id: 25000436
Permit Number: P00002
Code: 203
Inspection Type: Preliminary

Facility Id: 25000436
Permit Number: P00001
Code: 103
Inspection Type: Final

Facility Id: 25000436
Permit Number: P00002
Code: 203
Inspection Type: Preliminary

Facility Id: 25000436
Permit Number: P00002
Code: 203
Inspection Type: Final

Tank ID: T00001
Tank Type: Cathodically Protected Steel;;Polyethylene Jacke
Tank Status: Removed
Install Date: 1/1/1974
Content: Gasoline
Capacity: 10000
Corrosion Protection Tank: Not reported
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Not reported
Date Removed: 6/29/1999
Date Last Use: 4/1/1999
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel;Cathodically Pr
Piping Type: Pressure
Release Detection On Piping: Not reported

Tank ID: T00002
Tank Type: Cathodically Protected Steel;;Polyethylene Jacke
Tank Status: Removed
Install Date: 1/1/1974
Content: Gasoline
Capacity: 10000
Corrosion Protection Tank: Not reported
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Not reported
Date Removed: 6/29/1999

ALUM CREEK MARATHON (Continued) **U004099730**

Date Last Use:	4/1/1999
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Galvanized Steel;Cathodically Pr
Piping Type:	Pressure
Release Detection On Piping:	Not reported

Tank ID:	T00003
Tank Type:	Cathodically Protected Steel;;Polyethylene Jacke
Tank Status:	**Removed**
Install Date:	1/1/1974
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	Not reported
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	No
Spill Device Installed:	No
Release Detection On Tank:	Not reported
Date Removed:	6/29/1999
Date Last Use:	4/1/1999
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported
Piping Material:	Galvanized Steel;Cathodically Pr
Piping Type:	Pressure
Release Detection On Piping:	Not reported

Tank ID:	T00004
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	10/6/2006
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Double Walled
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00005
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	10/6/2006

ALUM CREEK MARATHON (Continued) **U004099730**

Content:	Gasoline
Capacity:	8000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Double Walled
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00006
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	10/6/2006
Content:	Gasoline
Capacity:	6000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Double Walled
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

J86 **SCHALL C & C SUPER SERVICE STATION** **EDR Hist Auto** **1009039028**
WSW **1931 E LIVINGSTON AV** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.283 mi.
1496 ft. **Site 9 of 16 in cluster J**

Relative: EDR Hist Auto
Higher

Year:	Name:	Type:
Actual: 1932	SCHALL C & C SUPER SERVICE STAT	GASOLINE AND OIL SERVICE STATIONS

759 ft.

J87 **S LIVINGSTON INC** **RGA LUST** **S114786456**
WSW **1937 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.287 mi.
1515 ft. **Site 10 of 16 in cluster J**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

2012	S LIVINGSTON INC	1937 E LIVINGSTON AVE
2011	S LIVINGSTON INC	1937 E LIVINGSTON AVE
2010	S LIVINGSTON INC	1937 E LIVINGSTON AVE
2009	S LIVINGSTON INC	1937 E LIVINGSTON AVE

J88 **SHELL GDF 234-1793-0106** **FINDS** **1005806119**
WSW **1937 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.287 mi.
1515 ft. **Site 11 of 16 in cluster J**

Relative:
Lower

Actual:
758 ft.

FINDS:

Registry ID: 110006323148

Environmental Interest/Information System
The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

J89 **LIVINGSTON SHELL** **LUST** **U000695707**
WSW **1937 E LIVINGSTON AVE** **UST** **N/A**
1/4-1/2 **COLUMBUS, OH 43209** **ARCHIVE UST**
0.287 mi.
1515 ft. **Site 12 of 16 in cluster J**

Relative:
Lower

Actual:
758 ft.

LUST:

Release Number:	25000129-N00001
Release Date:	11/04/2005
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	04/19/2011
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

UST:

Facility Id:	25000129
Facility Type:	Gas Station
Owner Name:	S LIVINGSTON INC
Owner Address:	1937 E LIVINGSTON AVE
Owner City/State/Zip:	43209

LIVINGSTON SHELL (Continued) **U000695707**

Tank Number:	T00001
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	03/01/1974
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00002
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	03/01/1974
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging

LIVINGSTON SHELL (Continued) **U000695707**

Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

Tank Number:	T00003
Status:	CIU - Currently In Use
UST Capacity:	10000
Tank Content:	Gasoline
Installation Date:	03/01/1974
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	ATG - Automatic Tank Gauging
Secondary Release Detection:	ATG - Automatic Tank Gauging
Release Detection Comments:	Not reported
Piping Configuration:	SC - Secondarily Contained
Piping Configuration Comments:	Not reported
Piping Styles:	P - Pressure
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	ELLD - Electronic Line Leak Detector
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Not reported

ARCHIVE UST:

Facility Number:	25000129
Owner Name:	S LIVINGSTON INC
Owner Address:	1937 E LIVINGSTON AVE

LIVINGSTON SHELL (Continued) **U000695707**

Owner City,St,Zip: COLUMBUS, OH 43209

Permit:
Facility Id: 25000129
Permit Id: P00001
Permit Status: Expired
Issued Date: 11/7/1995
LFD Permit Id: Not reported

Facility Id: 25000129
Permit Id: P00002
Permit Status: Closed
Issued Date: 12/11/1996
LFD Permit Id: 03499

Facility Id: 25000129
Permit Id: P00003
Permit Status: Closed
Issued Date: 5/8/2006
LFD Permit Id: 13747

Inspection:
Facility Id: 25000129
Permit Number: P00003
Code: 504
Inspection Type: Final

Facility Id: 25000129
Permit Number: P00001
Code: 502
Inspection Type: Final

Tank ID: T00001
Tank Type: Fiberglass Reinforced Plastic
Tank Status: **Currently In Use**
Install Date: 3/1/1974
Content: Gasoline
Capacity: 10000
Corrosion Protection Tank: None Required
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Release Detection On Tank: Automatic Tank Gauging
Date Removed: Not reported
Date Last Use: Not reported
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection On Piping: Electronic Line Leak Detector

Tank ID: T00002
Tank Type: Fiberglass Reinforced Plastic

LIVINGSTON SHELL (Continued) **U000695707**

Tank Status:	**Currently In Use**
Install Date:	3/1/1974
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00003
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	3/1/1974
Content:	Gasoline
Capacity:	10000
Corrosion Protection Tank:	None Required
CAS #:	8006-61-9
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

J90 **TRUE NORTH #613** **RGA LUST** **S114794789**
WSW **1937 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.287 mi.
1515 ft. **Site 13 of 16 in cluster J**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

2008	TRUE NORTH #613	1937 E LIVINGSTON AVE
2007	TRUE NORTH #613	1937 E LIVINGSTON AVE
2006	TRUE NORTH #613	1937 E LIVINGSTON AVE

J91 **SHELL OIL CO. #23417930130** **RGA LUST** **S114787831**
WSW **1937 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.287 mi.
1515 ft. **Site 14 of 16 in cluster J**

Relative: RGA LUST:
Lower

2005	SHELL OIL CO. #23417930130	1937 E LIVINGSTON AVE

Actual:
758 ft.

J92 **MACCULOH CHAD** **EDR Hist Auto** **1020228030**
WSW **1937 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.287 mi.
1515 ft. **Site 15 of 16 in cluster J**

Relative: EDR Hist Auto
Lower

Actual:
758 ft.

Year:	Name:	Type:
1982	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1983	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1985	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1986	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1987	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1988	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations
1989	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1990	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1991	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1992	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1993	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1994	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
1995	RONS EASTSIDE CAR WASH INC	Gasoline Service Stations, NEC
2001	SHELL SERVICE STATION CAR WASH	Gasoline Service Stations
2002	SHELL SERVICE STATION CAR WASH	Gasoline Service Stations
2003	SHELL SERVICE STATION CAR WASH	Gasoline Service Stations
2004	SHELL SERVICE STATION CAR WASH	Gasoline Service Stations
2005	MACCULOH CHAD	Gasoline Service Stations, NEC
2006	MACCULOH CHAD	Gasoline Service Stations, NEC
2007	MACCULOH CHAD	Gasoline Service Stations, NEC
2008	MACCULOH CHAD	Gasoline Service Stations, NEC
2009	MACCULOH CHAD	Gasoline Service Stations, NEC
2009	SHELL TRUE NORTH	Gasoline Service Stations
2010	MACCULOH CHAD	Gasoline Service Stations, NEC
2010	SHELL TRUE NORTH	Gasoline Service Stations
2011	MACCULOH CHAD	Gasoline Service Stations, NEC
2011	SHELL TRUE NORTH	Gasoline Service Stations
2012	SHELL TRUE NORTH	Gasoline Service Stations
2012	MACCULOH CHAD	Gasoline Service Stations, NEC
2013	SHELL TRUE NORTH	Gasoline Service Stations
2013	MACCULOH CHAD	Gasoline Service Stations, NEC
2014	MACCULOH CHAD	Gasoline Service Stations, NEC
2014	S LIVINGSTON INC	Gasoline Service Stations
2014	SHELL TRUE NORTH	Gasoline Service Stations, NEC

L93
SW
1/4-1/2
0.287 mi.
1515 ft.

LOGISTICS TRUCKING CO — **SPILLS** — **S102893699**
1100 ALUM CREEK DR — **N/A**
COLUMBUS, OH

Site 1 of 2 in cluster L

Relative:
Higher

Actual:
763 ft.

SPILLS:

Spill No.:	9306-25-2599
Spill Number:	2599
Spill Month/Year:	6/1993
Date Spill Reported:	06/28/1993
Reporter Name:	LOCAL
Confidential:	No
District Code:	CD
Employee Number:	1786
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	395640 / 825641

J94
WSW
1/4-1/2
0.291 mi.
1539 ft.

RICH OIL NO 3752 * — **ECHO** — **1017435551**
1001 ALUM CREEK DR — **N/A**
COLUMBUS, OH 43209

Site 16 of 16 in cluster J

Relative:
Higher

Actual:
760 ft.

ECHO:

Envid:	1017435551
Registry ID:	110004737429
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004737429

95
WNW
1/4-1/2
0.294 mi.
1551 ft.

FREMONT CONTRACT CARRIERS INC — **SPILLS** — **S110636932**
ODOT ROW N OF 1954 CLAY CRT — **N/A**
COLUMBUS, OH

Relative:
Lower

Actual:
758 ft.

SPILLS:

Spill No.:	1008-25-2335
Spill Number:	2335
Spill Month/Year:	8/2010
Date Spill Reported:	08/14/2010
Reporter Name:	PAT
Confidential:	Not reported
District Code:	CD
Employee Number:	1785
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	3957061 / 8256451

M96 **HERITAGE TOWER** **UNREG LTANKS** **S105904071**
SSE **1151 COLLEGE AVE** **NPDES** **N/A**
1/4-1/2 **COLUMBUS, OH -0-**
0.295 mi.
1558 ft. **Site 1 of 3 in cluster M**

Relative:
Lower

Actual:
748 ft.

UNREG LTANKS:

Facility Status:	**Deficiency**		
Facility Id:	Not reported	Facility County #:	049
Facility Track:	0	Facility Phone:	Not reported
Report Number:	2581593	Incident Number:	258159300
RP Status:	Not reported	RP Search Date:	Not reported
Inspector:	Not reported	Coordinator:	FICHE
Revised Date:	Not reported	Fiscal Tracking:	FY98
Class:	D	Priority:	2
Vacant:	Not reported	Lust Trust Fund:	2
Emrgncy Resp:	2	ER By:	Not reported
Authorized By:	GILL	Authorized Date:	11/24/98
Added Date:	12/09/98	Entry By:	SMITH
Owner Name:	Not reported		
Owner Address:	Not reported		
Owner City,St,Zip:	OH		
Owner Phone:	Not reported		
Operator Name:	Not reported		
Operator Address:	Not reported		
Operator C,S,Z:	OH		
Operator Phone:	Not reported		
Remarks:	Not reported		
Summary:	Not reported		

OH NPDES:

Issue Date:	08/19/2003
Township:	Not reported
Facility Npdes Permit:	4GC00227*AG
Applicant Name:	CREEKSIDE AT THE VILLAGE
Applicant Address:	1151 COLLEGE AVE COLUMBUSOH 43209

M97 **WEXNER HERITAGE HOUSE** **UST** **U001964025**
SSE **1151 COLLEGE AVE** **ARCHIVE UST** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.295 mi.
1558 ft. **Site 2 of 3 in cluster M**

Relative:
Lower

Actual:
748 ft.

UST:

Facility Id:	25002626
Facility Type:	Hospital
Owner Name:	WEXNER HERITAGE HOUSE
Owner Address:	1151 COLLEGE AVE
Owner City/State/Zip:	43209
Tank Number:	T00001
Status:	CIU - Currently In Use
UST Capacity:	2000
Tank Content:	Diesel
Installation Date:	06/01/1988
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	Not reported

WEXNER HERITAGE HOUSE (Continued) **U001964025**

CAS Number:	68334-30-5
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	SW - Single Wall
Construction Comments:	Not reported
Corrosion Protections:	NR - None Required by Rule
Corrosion Protection Comments:	Not reported
Primary Release Detection:	NR - None Required by Rule
Secondary Release Detection:	NR - None Required by Rule
Release Detection Comments:	Not reported
Piping Configuration:	SW - Single Wall
Piping Configuration Comments:	Not reported
Piping Styles:	S - Suction
Piping Constructions:	FRP - Fiberglass Reinforced Plastic
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	NR - None required by rule
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	SS - Safe Suction
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	SB - Spill Containment Manhole (bucket)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	FILL - Fill Pipe (drop tube flapper)
OverFill Prevention Comment:	Not reported
Comments:	Generator UST

ARCHIVE UST:

Facility Number:	25002626
Owner Name:	WEXNER HERITAGE HOUSE
Owner Address:	1151 COLLEGE AVE
Owner City,St,Zip:	COLUMBUS, OH 43209
Tank ID:	T00001
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	**Currently In Use**
Install Date:	6/1/1988
Content:	Diesel
Capacity:	2700
Corrosion Protection Tank:	Field Galvanic Anodes
CAS #:	68334-30-5
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Automatic Tank Gauging
Date Removed:	Not reported
Date Last Use:	Not reported
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	None Required
Piping Material:	Double Walled
Piping Type:	Pressure
Release Detection On Piping:	Electronic Line Leak Detector

M98
SSE
1/4-1/2
0.295 mi.
1558 ft.

HERITAGE TOWER
1151 COLLEGE AVE
COLUMBUS, OH

Site 3 of 3 in cluster M

RGA LUST **S114768688**
N/A

Relative:
Lower

Actual:
748 ft.

RGA LUST:

1999	HERITAGE TOWER	1151 COLLEGE AVE

99
NW
1/4-1/2
0.301 mi.
1588 ft.

UNK
807 LYMAN AVE
COLUMBUS, OH

SPILLS **S103778178**
N/A

Relative:
Lower

Actual:
750 ft.

SPILLS:

Spill No.:	9801-25-0113
Spill Number:	0113
Spill Month/Year:	1/1998
Date Spill Reported:	01/08/1998
Reporter Name:	LEUT WASHINGTON
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	GAOLINE
Product Spilled Name:	GAOLINE
Lat/Long:	Not reported

N100
West
1/4-1/2
0.310 mi.
1637 ft.

CLARK OIL CO
1910 E LIVINGSTON AVE
COLUMBUS, OH

Site 1 of 2 in cluster N

EDR Hist Auto **1009038477**
N/A

Relative:
Higher

Actual:
760 ft.

EDR Hist Auto

Year:	Name:	Type:
1971	CLARK OIL CO	GASOLINE STATIONS
1976	CLARK OIL CO	GASOLINE STATIONS

O101
ESE
1/4-1/2
0.311 mi.
1643 ft.

2326 BERWICK RD.
COLUMBUS, OH 43209

Site 1 of 4 in cluster O

LEAD **S118273967**
N/A

Relative:
Higher

Actual:
771 ft.

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	11
Summary Year:	2008
Summary Number:	125985
Detail Number:	137255

(Continued) **S118273967**

Activity Performed: Partial Inspection
Reason For Activity: Owner Requested

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 12
Summary Year: 2008
Summary Number: 126292
Detail Number: 138099
Activity Performed: Inspection
Reason For Activity: Owner Requested

O102 **LEAD** **S116284548**
ESE **2326 BERWICK** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.311 mi.
1643 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
771 ft.

LEAD:
License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 7
Summary Year: 2013
Summary Number: 143628
Detail Number: 175753
Activity Performed: Clearance Testing
Reason For Activity: Lead Safe Renovation

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 7
Summary Year: 2013
Summary Number: 143628
Detail Number: 175753
Activity Performed: Clearance Testing
Reason For Activity: Owner Requested

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 7
Summary Year: 2013
Summary Number: 143628
Detail Number: 175791
Activity Performed: Clearance Testing
Reason For Activity: Lead Safe Renovation

License Number: LA003091
Contractor Last Name: Weisberg
Contractor First Name: Lisa
Summary Month: 7
Summary Year: 2013
Summary Number: 143628
Detail Number: 175791
Activity Performed: Clearance Testing

(Continued) **S116284548**

Reason For Activity: Owner Requested

K103 **OLEG LUNIN** **SPILLS** **S110482438**
SE **1145 COLLEGE AVE APT 501** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.311 mi.
1643 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
766 ft.

SPILLS:

Spill No.:	1008-25-2323
Spill Number:	2323
Spill Month/Year:	8/2010
Date Spill Reported:	08/13/2010
Reporter Name:	OLEG LUNIN
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	MERCURY
Lat/Long:	3956420 / 8256161

K104 **HERITAGE TOWER** **UST** **U004275373**
SE **1145 COLLEGE AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.311 mi.
1643 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
766 ft.

UST:

Facility Id:	25011135
Facility Type:	Other
Owner Name:	Not reported
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	100
Tank Content:	Diesel
Installation Date:	01/01/1900
Construction:	Not reported
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	08/25/1998
CAS Number:	Not reported
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Not reported
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	Not reported
Secondary Release Detection:	Not reported
Release Detection Comments:	Not reported
Piping Configuration:	Not reported

HERITAGE TOWER (Continued) **U004275373**

Piping Configuration Comments:	Not reported
Piping Styles:	Not reported
Piping Constructions:	Not reported
Piping Construction Comments:	Not reported
Piping Corrosion Protections:	Not reported
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	Not reported
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	Not reported
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	Not reported
OverFill Prevention Comment:	Not reported
Comments:	Not reported

L105 **OBERFIELDS INC** **RCRA-CESQG 1004767474**
SW **1165 ALUM CREEK DR** **FINDS OHR000039222**
1/4-1/2 **COLUMBUS, OH 43209** **ECHO**
0.318 mi.
1677 ft. **Site 2 of 2 in cluster L**

Relative: Higher

Actual: 759 ft.

RCRA-CESQG:

Date form received by agency:	12/08/1999
Facility name:	OBERFIELDS'S INC
Facility address:	1165 ALUM CREEK DR COLUMBUS, OH 43209
EPA ID:	OHR000039222
Mailing address:	528 LONDON RD PO BOX 362 DELAWARE, OH 43015
Contact:	DAN HODGE
Contact address:	528 LONDON RD PO BOX 362 DELAWARE, OH 43015
Contact country:	US
Contact telephone:	614-252-0955
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WILLIAM OBERFIELD
Owner/operator address:	PO BOX 362 DELAWARE, OH 43015
Owner/operator country:	Not reported

OBERFIELDS INC (Continued) **1004767474**

Owner/operator telephone: 740-369-7644
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004735500

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

OBERFIELDS INC (Continued) **1004767474**

ECHO:
Envid: 1004767474
Registry ID: 110004735500
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004735500

P106 **PERMA-FLEX MOLD CO INC** **FINDS** **1006212684**
WSW **1919 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.321 mi.
1697 ft. **Site 1 of 2 in cluster P**

Relative:
Lower

Actual:
758 ft.

FINDS:

Registry ID: 110009604151

Environmental Interest/Information System
The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

P107 **PERMA-FLEX MOLD CO** **SPILLS** **S106332397**
WSW **1919 EAST LIVINGSTON** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.321 mi.
1697 ft. **Site 2 of 2 in cluster P**

Relative:
Lower

Actual:
758 ft.

SPILLS:
Spill No.: 9103-25-0668
Spill Number: 0668
Spill Month/Year: 3/1991
Date Spill Reported: 03/05/1991
Reporter Name: CITIZEN
Confidential: No
District Code: CD
Employee Number: Not reported
District C Decode: Central
Product Spilled Name: CHEMICALS
Lat/Long: Not reported

Q108
West
1/4-1/2
0.322 mi.
1702 ft.

1905 GAULT
COLUMBUS, OH 43205

Site 1 of 2 in cluster Q

Relative:
Higher

Actual:
759 ft.

LEAD **S116284144**
N/A

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	10
Summary Year:	2013
Summary Number:	144682
Detail Number:	177849
Activity Performed:	Clearance Testing
Reason For Activity:	Lead Safe Renovation

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	10
Summary Year:	2013
Summary Number:	144682
Detail Number:	177849
Activity Performed:	Clearance Testing
Reason For Activity:	Non-Abatement

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	10
Summary Year:	2013
Summary Number:	144682
Detail Number:	177849
Activity Performed:	Clearance Testing
Reason For Activity:	Owner Requested

N109
West
1/4-1/2
0.324 mi.
1710 ft.

FAMILY DOLLAR #10063
1900 E LIVINGSTON AVE
COLUMBUS, OH 43209

Site 2 of 2 in cluster N

Relative:
Higher

Actual:
759 ft.

RCRA-CESQG **1017788437**
FINDS **OHR000194175**
ECHO

RCRA-CESQG:

Date form received by agency:	03/13/2015
Facility name:	FAMILY DOLLAR #10063
Facility address:	1900 E LIVINGSTON AVE COLUMBUS, OH 43209
EPA ID:	OHR000194175
Mailing address:	PO BOX 1017 CHARLOTTE, NC 28201
Contact:	KEVIN STRAIGHT
Contact address:	PO BOX 1017 CHARLOTTE, NC 28201
Contact country:	US
Contact telephone:	704-708-1909
Contact email:	KSTRAIGHT@FAMILYDOLLAR.COM
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar

FAMILY DOLLAR #10063 (Continued) **1017788437**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	FAMILY DOLLAR STORES
Owner/operator address:	PO BOX 1017
	CHARLOTTE, NC 28201
Owner/operator country:	US
Owner/operator telephone:	866-377-6420
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/14/2014
Owner/Op end date:	Not reported

Owner/operator name:	FAMILY DOLLAR STORES
Owner/operator address:	PO BOX 1017
	CHARLOTTE, NC 28201
Owner/operator country:	US
Owner/operator telephone:	866-377-6420
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/14/2014
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

FAMILY DOLLAR #10063 (Continued) **1017788437**

Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

Violation Status: No violations found

FINDS:

Registry ID: 110064462594

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FAMILY DOLLAR #10063 (Continued) **1017788437**

ECHO:
Envid: 1017788437
Registry ID: 110064462594
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110064462594

O110 **LEAD** **S116284559**
ESE **2338 BERWICK** **N/A**
1/4-1/2 **COLUMBUS, OH 43219**
0.332 mi.
1751 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
771 ft.

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	7
Summary Year:	2013
Summary Number:	143628
Detail Number:	175790
Activity Performed:	Clearance Testing
Reason For Activity:	Lead Safe Renovation

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	7
Summary Year:	2013
Summary Number:	143628
Detail Number:	175790
Activity Performed:	Clearance Testing
Reason For Activity:	Non-Abatement

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	7
Summary Year:	2013
Summary Number:	143628
Detail Number:	175790
Activity Performed:	Clearance Testing
Reason For Activity:	Owner Requested

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	11
Summary Year:	2008
Summary Number:	125985
Detail Number:	137254
Activity Performed:	Partial Inspection
Reason For Activity:	Owner Requested

O111
ESE
1/4-1/2
0.332 mi.
1751 ft.

2353 E. LIVINGSTON AVE.
COLUMBUS, OH 43209

Site 4 of 4 in cluster O

Relative:
Higher

Actual:
774 ft.

LEAD **S118274088**
N/A

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	7
Summary Year:	2011
Summary Number:	136494
Detail Number:	161776
Activity Performed:	Clearance Testing
Reason For Activity:	Non-Abatement

Q112
West
1/4-1/2
0.342 mi.
1807 ft.

SUPERIOR WELDING CO INC
906 S NELSON RD
COLUMBUS, OH

Site 2 of 2 in cluster Q

Relative:
Lower

Actual:
758 ft.

NPDES **S118118759**
N/A

OH NPDES:

Issue Date:	08/07/2015
Township:	Not reported
Facility Npdes Permit:	4GRN00785*EG
Applicant Name:	SUPERIOR WELDING CO INC
Applicant Address:	906 S NELSON RD COLUMBUS,OH 43205

113
ESE
1/4-1/2
0.345 mi.
1820 ft.

POLSON RESIDENCE - RM - NO SPILL
2372 EAST LIVINGSTON
BEXELY, OH

Relative:
Higher

Actual:
776 ft.

SPILLS **S109050607**
N/A

SPILLS:

Spill No.:	0803-25-0982
Spill Number:	982
Spill Month/Year:	3/2008
Date Spill Reported:	03/05/2008
Reporter Name:	LIN POLSON
Confidential:	Not reported
District Code:	CD
Employee Number:	1786
District C Decode:	Central
Product Spilled Name:	NO SPILL
Lat/Long:	3956329 / 8256017

114
North
1/4-1/2
0.346 mi.
1825 ft.

64 66 WISCONSIN LLC
681 COLLEGE AVE
COLUMBUS, OH 43209

EDR Hist Auto **1020458379**
N/A

Relative:
Higher

Actual:
779 ft.

EDR Hist Auto

Year:	Name:	Type:
2011	64 66 WISCONSIN LLC	Gasoline Service Stations, NEC
2012	64 66 WISCONSIN LLC	Gasoline Service Stations, NEC

R115
SSW
1/4-1/2
0.347 mi.
1834 ft.

NATIONWIDE TRUCK BROKERS
1156 ALUM CREEK DR
COLUMBUS, OH

SPILLS **S102900892**
N/A

Site 1 of 3 in cluster R

Relative:
Higher

Actual:
759 ft.

SPILLS:

Spill No.:	9709-25-3694
Spill Number:	3694
Spill Month/Year:	9/1997
Date Spill Reported:	09/10/1997
Reporter Name:	RK LEVY
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	Not reported

S116
SW
1/4-1/2
0.362 mi.
1913 ft.

PREFAB TRANSIT
1185 ALUM CREEK DR
COLUMBUS, OH 43217

LUST **U004099101**
N/A

Site 1 of 2 in cluster S

Relative:
Lower

Actual:
755 ft.

LUST:

Release Number:	25010172-N00001
Release Date:	Not reported
Facility Status:	**Inactive**
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	06/20/2000
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

S117
SW
1/4-1/2
0.362 mi.
1913 ft.

PREFAB TRANSIT
1185 ALUM CREEK DR
COLUMBUS, OH

Site 2 of 2 in cluster S

RGA LUST **S114783578**
N/A

Relative:
Lower

Actual:
755 ft.

RGA LUST:

2012	PREFAB TRANSIT	1185 ALUM CREEK DR
2011	PREFAB TRANSIT	1185 ALUM CREEK DR
2010	PREFAB TRANSIT	1185 ALUM CREEK DR
2009	PREFAB TRANSIT	1185 ALUM CREEK DR
2008	PREFAB TRANSIT	1185 ALUM CREEK DR
2007	PREFAB TRANSIT	1185 ALUM CREEK DR
2006	PREFAB TRANSIT	1185 ALUM CREEK DR
2005	PREFAB TRANSIT	1185 ALUM CREEK DR
2004	PREFAB TRANSIT	1185 ALUM CREEK DR
2003	PREFAB TRANSIT	1185 ALUM CREEK DR
2002	PREFAB TRANSIT	1185 ALUM CREEK DR
2001	PREFAB TRANSIT	1185 ALUM CREEK DR
2000	PREFAB TRANSIT	1185 ALUM CREEK DR
1999	PREFAB TRANSIT	1185 ALUM CREEK DR
1998	PREFAB TRANSIT	1185 ALUM CREEK DR
1997	PREFAB TRANSIT	1185 ALUM CREEK DR
1996	PREFAB TRANSIT	1185 ALUM CREEK DR
1995	PREFAB TRANSIT	1185 ALUM CREEK DR
1994	PREFAB TRANSIT	1185 ALUM CREEK DR

118
WNW
1/4-1/2
0.369 mi.
1949 ft.

VERIZON WIRELESS - NELSON RD
861 NELSON RD
COLUMBUS, OH 43215

FINDS **1015794432**
N/A

Relative:
Lower

Actual:
754 ft.

FINDS:

Registry ID: 110046559032

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

T119
NNW
1/4-1/2
0.371 mi.
1959 ft.

UNK
KENTON AVE E END AT ALUM CREEK
COLUMBUS, OH

Site 1 of 4 in cluster T

SPILLS **S106309101**
N/A

Relative:
Lower

Actual:
750 ft.

SPILLS:

Spill No.: 9906-25-2166
Spill Number: 2166
Spill Month/Year: 6/1999

UNK (Continued) **S106309101**

Date Spill Reported:	06/14/1999
Reporter Name:	MIKE DALTON
Confidential:	No
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	MATERIAL BLUE
Lat/Long:	395715.6 / 825638.3

T120 **LEAD** **S118272518**
NNW **2052 KENTON AVE.** **N/A**
1/4-1/2 **COLUMBUS, OH 43215**
0.376 mi.
1986 ft. **Site 2 of 4 in cluster T**

Relative:
Lower

Actual:
751 ft.

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	1
Summary Year:	2010
Summary Number:	130845
Detail Number:	148513
Activity Performed:	Clearance Testing
Reason For Activity:	Abatement

T121 **LEAD** **S118272519**
NNW **2052 KENTON AVENUE** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.376 mi.
1986 ft. **Site 3 of 4 in cluster T**

Relative:
Lower

Actual:
751 ft.

LEAD:

License Number:	LA006799
Contractor Last Name:	Twaits
Contractor First Name:	Benjamin
Summary Month:	11
Summary Year:	2007
Summary Number:	121494
Detail Number:	127035
Activity Performed:	Inspection/Risk Assessment
Reason For Activity:	Lead Safe Renovation

T122 **LEAD** **S118272520**
NNW **2052 KENTON ST** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.377 mi.
1990 ft. **Site 4 of 4 in cluster T**

Relative:
Lower

Actual:
746 ft.

LEAD:

License Number:	LA007462
Contractor Last Name:	KUPPER
Contractor First Name:	ANDREW
Summary Month:	7
Summary Year:	2007

(Continued) **S118272520**

Summary Number: 119794
Detail Number: 123392
Activity Performed: Risk Assessment
Reason For Activity: EBL Investigation

U123 **BYNUM HOBERT** **EDR Hist Auto** **1009039181**
WSW **1889 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.381 mi.
2012 ft. **Site 1 of 2 in cluster U**

Relative: EDR Hist Auto
Lower

Year:	Name:	Type:
1952	BYNUM HOBERT	GASOLINE STATIONS

Actual:
754 ft.

U124 **UNK** **SPILLS** **S106312291**
WSW **MEMORY LANE BETWEEN 1909 AND 1889 LIVINGSTON** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.381 mi.
2012 ft. **Site 2 of 2 in cluster U**

Relative: SPILLS:
Lower

Spill No.:	9205-25-1802
Spill Number:	1802
Spill Month/Year:	5/1992
Date Spill Reported:	05/08/1992
Reporter Name:	COHD
Confidential:	No
District Code:	CD
Employee Number:	1786
District C Decode:	Central
Product Spilled Name:	ORPHAN DRUM
Lat/Long:	395650 / 825648

Actual:
754 ft.

R125 **COMMUNITY BUS SERVICES** **FINDS** **1012145654**
SSW **1160 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH 43219**
0.381 mi.
2014 ft. **Site 2 of 3 in cluster R**

Relative: FINDS:
Lower

Registry ID: 110039154081

Actual:
758 ft.

Environmental Interest/Information System
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit

COMMUNITY BUS SERVICES (Continued) **1012145654**

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

R126 **SENTEK CORP** **SPILLS** **S105729003**
SSW **1160B ALUM CREEK DR** **NPDES** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.381 mi.
2014 ft. **Site 3 of 3 in cluster R**

Relative:
Lower

Actual:
758 ft.

SPILLS:

Spill No.:	0201-25-0273
Spill Number:	273
Spill Month/Year:	1/2002
Date Spill Reported:	01/29/2002
Reporter Name:	MIKE DALTON
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	WASTE WATER
Product Spilled Name:	WASTE WATER
Lat/Long:	3956086 / 8247154

OH NPDES:

Issue Date:	11/20/2014
Township:	Not reported
Facility Npdes Permit:	4GRN00739*EG
Applicant Name:	SENTEK CORP
Applicant Address:	1160B ALUM CREEK DR COLUMBUS,OH 42309

V127 **OHIO POWER** **SPILLS** **S115813955**
NW **1993 KENTON ST** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.389 mi.
2056 ft. **Site 1 of 4 in cluster V**

Relative:
Higher

Actual:
761 ft.

SPILLS:

Spill No.:	1401-25-0121
Spill Number:	121
Spill Month/Year:	1/2014
Date Spill Reported:	01/20/2014
Reporter Name:	RAY WIRT
Confidential:	Not reported
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	TRANSFORMER OIL
Lat/Long:	Not reported

V128
NW
1/4-1/2
0.389 mi.
2056 ft.

Relative:
Higher

Actual:
761 ft.

1993 KENTON ST
COLUMBUS, OH

Site 2 of 4 in cluster V

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

ERNS **2014071690**
N/A

129
SW
1/4-1/2
0.397 mi.
2094 ft.

Relative:
Lower

Actual:
756 ft.

OBERFIELD'S INC PLANT NO 4
1221 ALUM CREEK DR
COLUMBUS, OH 43209

FINDS:

Registry ID: 110009617664

Environmental Interest/Information System
The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FINDS **1006213842**
N/A

W130
SW
1/4-1/2
0.400 mi.
2113 ft.

Relative:
Lower

Actual:
757 ft.

BAYLOR TRUCKING INC
1245 ALUM CREEK DR
COLUMUBUS, OH

Site 1 of 5 in cluster W

SPILLS:

Spill No.:	1304-25-0884
Spill Number:	884
Spill Month/Year:	4/2013
Date Spill Reported:	04/23/2013
Reporter Name:	CALLAHAN
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	3956391 / 8256044

SPILLS **S113866540**
N/A

W131
SW
1/4-1/2
0.400 mi.
2113 ft.

USA TRUCK
1245 ALUM CREEK DR
COLUMBUS, OH

Site 2 of 5 in cluster W

SPILLS **S114040370**
N/A

Relative:
Lower

Actual:
757 ft.

SPILLS:

Spill No.:	1309-25-2079
Spill Number:	2079
Spill Month/Year:	9/2013
Date Spill Reported:	09/11/2013
Reporter Name:	ANDREW BARAN
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	DIESEL FUEL
Lat/Long:	3956390 / 8256415

W132
SW
1/4-1/2
0.400 mi.
2113 ft.

1245 ALUM CREEK DR
COLUMBUS, OH

Site 3 of 5 in cluster W

ERNS **2013059907**
N/A

Relative:
Lower

Actual:
757 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

W133
SW
1/4-1/2
0.402 mi.
2122 ft.

BFGOODRICH ARROWHEAD COLUMBUS
1251 ALUM CREEK DR.
COLUMBUS, OH 43209

Site 4 of 5 in cluster W

RCRA NonGen / NLR **1000834397**
FINDS **OHD987052495**
ECHO

Relative:
Lower

Actual:
757 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/13/1998
Facility name:	ARROWHEAD INDUSTRIAL WATER INC
Facility address:	1251 ALUM CREEK DR COLUMBUS, OH 43209
EPA ID:	OHD987052495
Contact:	THOMAS KNODE
Contact address:	1251 ALUM CREEK DR COLUMBUS, OH 43209
Contact country:	US
Contact telephone:	614-253-8551
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BF GOODRICH COMPANY
Owner/operator address:	3925 EMBASSY PKWY AKRON, OH 44313
Owner/operator country:	Not reported
Owner/operator telephone:	216-374-2000
Owner/operator email:	Not reported

BFGOODRICH ARROWHEAD COLUMBUS (Continued) **1000834397**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DOYLE JOSEPH M KOHR ROYER GRIFFITH INC
Owner/operator address: NOT REPORTED
NOR REPORTED, OH 00000
Owner/operator country: Not reported
Owner/operator telephone: 614-228-2471
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D007
. Waste name: CHROMIUM

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/21/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002316921

Environmental Interest/Information System

BFGOODRICH ARROWHEAD COLUMBUS (Continued) **1000834397**

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000834397
Registry ID:	110002316921
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002316921

W134 **BF GOODRICH ARROWHEAD IND WATER CO** **SPILLS** **S102893436**
SW **1251 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.402 mi.
2122 ft. **Site 5 of 5 in cluster W**

Relative:
Lower

Actual:
757 ft.

SPILLS:

Spill No.:	9305-25-1956
Spill Number:	1956
Spill Month/Year:	5/1993
Date Spill Reported:	05/19/1993
Reporter Name:	CITIZEN
Confidential:	No
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	RESIN EXCHANGE BEADS
Lat/Long:	395638 / 825646

V135 **CURTIS LESTER F** **EDR Hist Auto** **1009040327**
NW **2018 KENTON AV HANFORD** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.409 mi.
2159 ft. **Site 3 of 4 in cluster V**

Relative: EDR Hist Auto
Higher

Year:	Name:	Type:
Actual: 1942	CURTIS LESTER F	AUTOMOBILE REPAIRING

762 ft.

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136 **CAPITAL UNIVERSITY** **SPILLS** **S110339844**
NE **789 EUCLAIRE AVE OFF OF MAIN ST** **N/A**
1/4-1/2 **BEXLEY, OH**
0.412 mi.
2174 ft.

Relative: SPILLS:
Higher

Spill No.:	1002-25-0333
Spill Number:	333
Actual: Spill Month/Year:	2/2010
779 ft. Date Spill Reported:	02/16/2010
Reporter Name:	KIMBERLY HEYM
Confidential:	Not reported
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	FUEL OIL
Lat/Long:	3957206 / 8236194

X137 **THE FINE LINE AUTO BODY INC** **RCRA-SQG** **1000561726**
NNW **2071 PAYNE AVE** **FINDS** **OHD987025590**
1/4-1/2 **COLUMBUS, OH 43205** **ECHO**
0.418 mi.
2206 ft. **Site 1 of 2 in cluster X**

Relative: RCRA-SQG:
Lower

Date form received by agency:	08/13/2009
Actual: Facility name:	THE FINE LINE AUTO BODY INC
752 ft. Facility address:	2071 PAYNE AVE COLUMBUS, OH 43205
EPA ID:	OHD987025590
Contact:	TIGRAN R SAFARYAN
Contact address:	2071 PAYNE AVE COLUMBUS, OH 43205
Contact country:	US
Contact telephone:	614-258-5555
Contact email:	TIGRANUSA@YAHOO.COM
EPA Region:	05
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

THE FINE LINE AUTO BODY INC (Continued) **1000561726**

Owner/Operator Summary:
Owner/operator name: TIGRAN R SAFARYAN
Owner/operator address: 2071 PAYNE AVE
COLUMBUS, OH 43205
Owner/operator country: US
Owner/operator telephone: 614-258-5555
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: 5
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/19/2007
Owner/Op end date: Not reported

Owner/operator name: TIGRAN R SAFARYAN
Owner/operator address: 2071 PAYNE AVE
COLUMBUS, OH 43205
Owner/operator country: US
Owner/operator telephone: 614-258-5555
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: 5
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/19/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

THE FINE LINE AUTO BODY INC (Continued) **1000561726**

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: F004
. Waste name: 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.

. Waste code: F005
. Waste name: 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.

Historical Generators:
Date form received by agency: 01/14/1999
Site name: FINE LINE THE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: 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: F005
. Waste name: 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

THE FINE LINE AUTO BODY INC (Continued) **1000561726**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
- Regulation violated: SR - 3745-52-11
- Area of violation: Generators - General
- Date violation determined: 10/29/1998
- Date achieved compliance: 01/27/1999
- Violation lead agency: State
  - Enforcement action: WRITTEN INFORMAL
  - Enforcement action date: 11/10/1998
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 10/29/1998
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Generators - General
- Date achieved compliance: 01/27/1999
- Evaluation lead agency: State

FINDS:

Registry ID: 110004686821

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1000561726
- Registry ID: 110004686821
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004686821

X138 **FINE LINE AUTO** **SPILLS** **S106959619**
NNW **2071 PAYNE AVE OFF LIVINGSTON** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.418 mi.
2206 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
752 ft.

SPILLS:

Spill No.:	0505-25-2206
Spill Number:	2206
Spill Month/Year:	5/2005
Date Spill Reported:	05/16/2005
Reporter Name:	ANONYMOUS
Confidential:	Not reported
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	PAINT WASTE
Product Spilled Name:	PAINT WASTE
Lat/Long:	Not reported

V139 **LISTONS PAINTING INC** **RCRA-CESQG** **1004765144**
NW **1982 KENTON AVE** **FINDS** **OHD987015005**
1/4-1/2 **COLUMBUS, OH 43205** **ECHO**
0.427 mi.
2252 ft. **Site 4 of 4 in cluster V**

Relative:
Lower

Actual:
756 ft.

RCRA-CESQG:

Date form received by agency:	03/22/1991
Facility name:	LISTONS PAINTING INC
Facility address:	1982 KENTON AVE COLUMBUS, OH 43205
EPA ID:	OHD987015005
Contact:	MICHAEL LISTON
Contact address:	1982 KENTON AVE COLUMBUS, OH 43205
Contact country:	US
Contact telephone:	614-252-4286
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CAL LIMITED
Owner/operator address:	1982 KENTON AVE COLUMBUS, OH 43205

LISTONS PAINTING INC (Continued) **1004765144**

Owner/operator country: Not reported
Owner/operator telephone: 614-252-4286
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: 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: F003
. Waste name: 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: F005
. Waste name: 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

LISTONS PAINTING INC (Continued) **1004765144**

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.

Violation Status: No violations found

FINDS:

Registry ID: 110004679624

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004765144
Registry ID: 110004679624
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004679624

Y140 **CONTAINER MANAGEMENT CO** **FINDS** **1016200781**
West **1826 EAST LIVINGSTON AVE** **ECHO** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.428 mi.
2260 ft. **Site 1 of 5 in cluster Y**

Relative:
Lower

Actual:
758 ft.

FINDS:

Registry ID: 110004588438

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is

CONTAINER MANAGEMENT CO (Continued) **1016200781**

facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016200781
Registry ID:	110004588438
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004588438

Y141 **HOFFMAN CONTAINER** **US BROWNFIELDS** **1014949049**
West **1826 EAST LIVINGSTON AVENUE** **N/A**
1/4-1/2 **COLUMBUS, OH 00000**
0.428 mi.
2260 ft. **Site 2 of 5 in cluster Y**

Relative:
Lower

Actual:
758 ft.

US BROWNFIELDS:

Property Name:	HOFFMAN CONTAINER
Recipient Name:	Columbus, City of
Grant Type:	Assessment
Property Number:	Not reported
Parcel size:	4
Latitude:	39.9488
Longitude:	-82.948574
HCM Label:	Address Matching-House Number
Map Scale:	100000
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	12664
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	98538701
Start Date:	09/30/2002 00:00:00
Ownership Entity:	Not reported
Completion Date:	09/30/2002 00:00:00
Current Owner:	Not reported

HOFFMAN CONTAINER (Continued) **1014949049**

Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported

HOFFMAN CONTAINER (Continued) **1014949049**

Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Drum Recycling property, cold storage
Below Poverty Number:	1017
Below Poverty Percent:	33.9%
Meidan Income:	2543
Meidan Income Number:	1822
Meidan Income Percent:	60.8%
Vacant Housing Number:	409
Vacant Housing Percent:	23.9%
Unemployed Number:	363
Unemployed Percent:	12.1%

Y142 **HOFFMAN CONTAINER CO FORMER, COLUMBUS** **DERR S106200941**
West **1826 LIVINGSTON AVE** **VAPOR N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.428 mi.
2260 ft. **Site 3 of 5 in cluster Y**

Relative:
Lower

Actual:
758 ft.

DERR:

DERR ID:	125002255
District:	CDO
Alias:	Hoffman Container Co Former, Columbus
Lat/Long:	39.949714 -82.94854
CERCLIS ID:	Not reported
Program:	**Clean Ohio Fund**
Decode for Activity:	Clean Ohio Fund

Y143
West
1/4-1/2
0.428 mi.
2260 ft.

GENERAL THEMING CONTRACTORS
1826 E LIVINGSTON AVE
COLUMBUS, OH 43205

Site 4 of 5 in cluster Y

RCRA-SQG | **1000229729** / **OHD000817064**

Relative:
Lower

Actual:
758 ft.

RCRA-SQG:

Date form received by agency:	12/06/2004
Facility name:	GENERAL THEMING CONTRACTORS
Facility address:	1826 E LIVINGSTON AVE COLUMBUS, OH 43205
EPA ID:	OHD000817064
Contact:	PHILIP REYNOLDS
Contact address:	1826 E LIVINGSTON AVE COLUMBUS, OH 43205
Contact country:	US
Contact telephone:	614-252-6342
Telephone ext.:	204
Contact email:	PHILR@THEMING.NET
EPA Region:	05
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	GENERAL THEMING CONTRACTOR
Owner/operator address:	1826 E LIVINGSTON AVE COLUMBUS, OH 43205
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/02/2000
Owner/Op end date:	Not reported

Owner/operator name:	GENERAL THEMING CONTRACTORS
Owner/operator address:	1826 E LIVINGSTON AVE COLUMBUS, OH 43205
Owner/operator country:	US
Owner/operator telephone:	614-252-6342
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1900
Owner/Op end date:	Not reported

Owner/operator name:	MARMAX
Owner/operator address:	1200 CORRUGATED WAY COLUMBUS, OH 43201
Owner/operator country:	US

GENERAL THEMING CONTRACTORS (Continued) **1000229729**

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/08/1988
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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: F005
. Waste name: 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.

Historical Generators:
Date form received by agency: 10/06/2004
Site name: GENERAL THEMING CONTRACTORS
Classification: Small Quantity Generator

. Waste code: D001

GENERAL THEMING CONTRACTORS (Continued) **1000229729**

. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: 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: F005
. Waste name: 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.

Date form received by agency: 04/16/1998
Site name: CONTAINER MANAGEMENT CO
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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: F005
. Waste name: 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

GENERAL THEMING CONTRACTORS (Continued) **1000229729**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: SR - 3745-52-34(A)(3) & (D)(4)
Area of violation: Generators - Pre-transport
Date violation determined: 10/06/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-11
Area of violation: Generators - General
Date violation determined: 10/06/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(D)(5)(b)
Area of violation: Generators - Pre-transport
Date violation determined: 10/06/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-66-74
Area of violation: Generators - Pre-transport
Date violation determined: 10/06/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

GENERAL THEMING CONTRACTORS (Continued) **1000229729**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-12
Area of violation: Generators - General
Date violation determined: 10/06/2004
Date achieved compliance: 12/17/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/15/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/20/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/06/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/17/2004
Evaluation lead agency: State

Evaluation date: 10/06/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/17/2004
Evaluation lead agency: State

Y144 **GENERAL THEMING CONTRACTORS** **NPDES** **S111440253**
West **1826 E LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.428 mi.
2260 ft. **Site 5 of 5 in cluster Y**

Relative:
Lower

Actual:
758 ft.

OH NPDES:
Issue Date: 10/31/2007
Township: Not reported
Facility Npdes Permit: 4GRN00195*DG
Applicant Name: GENERAL THEMING CONTRACTORS
Applicant Address: 1826 E LIVINGSTON COLUMBUS,OH 43205

145
NE
1/4-1/2
0.429 mi.
2263 ft.

728 FRANCIS AVENUE
BEXLEY, OH 43209

LEAD **S118286125**
N/A

Relative:
Higher

Actual:
779 ft.

LEAD:

License Number:	LA003091
Contractor Last Name:	Weisberg
Contractor First Name:	Lisa
Summary Month:	9
Summary Year:	2011
Summary Number:	137099
Detail Number:	163236
Activity Performed:	Inspection
Reason For Activity:	Owner Requested

Z146
WNW
1/4-1/2
0.438 mi.
2314 ft.

COLUMBUS MARBLE PRODUCT INC
808 RHOADS AVE
COLUMBUS, OH

Site 1 of 2 in cluster Z

NPDES **S111440262**
N/A

Relative:
Higher

Actual:
763 ft.

OH NPDES:

Issue Date:	11/15/2007
Township:	Not reported
Facility Npdes Permit:	4GRN00207*DG
Applicant Name:	COLUMBUS MARBLE PRODUCT INC
Applicant Address:	808 RHOADS AVE , COLUMBUS, OH 43205

147
West
1/4-1/2
0.442 mi.
2335 ft.

COLUMBUS WWTP
RHOADS AVE & GAULT ST
COLUMBUS, OH

SPILLS **S105728959**
N/A

Relative:
Lower

Actual:
757 ft.

SPILLS:

Spill No.:	0112-25-4673
Spill Number:	4673
Spill Month/Year:	12/2001
Date Spill Reported:	12/11/2001
Reporter Name:	MIKE FOSTER
Confidential:	Not reported
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	SEWAGE
Product Spilled Name:	SEWAGE
Lat/Long:	Not reported

Z148 **COLUMBUS MARBLE PRODUCT** **FINDS** **1005799743**
WNW **808 RHOADS AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.448 mi.
2368 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
761 ft.

FINDS:

Registry ID: 110006326136

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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149 **NOBLE S INC** **EDR Hist Auto** **1009037759**
NW **666 S NELSON RD** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.452 mi.
2388 ft.

Relative:
Higher

Actual:
762 ft.

EDR Hist Auto

Year:	Name:	Type:
1972	NOBLES SERVICE INC	Motor Vehicle Supplies And New Parts
1973	NOBLES SERVICE INC	Motor Vehicle Supplies And New Parts
1974	NOBLES SERVICE INC	General Automotive Repair Shops
1975	NOBLES SERVICE INC	General Automotive Repair Shops
1976	NOBLE S SERVICE INC	GASOLINE STATIONS
1976	NOBLES SERVICE INC	General Automotive Repair Shops
1977	NOBLES SERVICE INC	General Automotive Repair Shops
1978	NOBLES INC	General Automotive Repair Shops
1979	NOBLES INC	General Automotive Repair Shops
1980	NOBLES INC	General Automotive Repair Shops
1981	NOBLE S INC	AUTOMOBILE REPAIRING
1982	NOBLES INC	General Automotive Repair Shops
1983	NOBLES INC	General Automotive Repair Shops
1985	NOBLES INC	General Automotive Repair Shops
1986	NOBLES INC	General Automotive Repair Shops
1987	NOBLES INC	General Automotive Repair Shops
1988	NOBLES INC	General Automotive Repair Shops
1989	NOBLES INC	General Automotive Repair Shops
1990	NOBLES INC	General Automotive Repair Shops
1991	NOBLES INC	General Automotive Repair Shops
1992	NOBLES INC	General Automotive Repair Shops
1993	NOBLES INC	General Automotive Repair Shops
1994	NOBLES INC	General Automotive Repair Shops
1995	NOBLES INC	General Automotive Repair Shops
1996	NOBLES INC	General Automotive Repair Shops
1997	NOBLES INC	General Automotive Repair Shops
1998	NOBLES INC	General Automotive Repair Shops
1999	NOBLES INC	General Automotive Repair Shops
2000	NOBLES INC	General Automotive Repair Shops

NOBLE S INC (Continued) **1009037759**

2001	NOBLES INC	General Automotive Repair Shops
2002	NOBLES INC	General Automotive Repair Shops
2003	NOBLES INC	General Automotive Repair Shops
2004	NOBLES INC	General Automotive Repair Shops
2005	NOBLES INC	General Automotive Repair Shops
2006	NOBLES INC	General Automotive Repair Shops
2007	NOBLES INC	General Automotive Repair Shops
2008	NOBLES INC	General Automotive Repair Shops
2009	NOBLES INC	General Automotive Repair Shops

150
SSE
1/4-1/2
0.455 mi.
2400 ft.

COLUMBUS WWTP **SPILLS** **S103777317**
MEDFORD PL & BROOKWOOD **N/A**
COLUMBUS, OH

Relative:
Lower

Actual:
757 ft.

SPILLS:

Spill No.:	9812-25-5005
Spill Number:	5005
Spill Month/Year:	12/1998
Date Spill Reported:	12/22/1998
Reporter Name:	MIKE FOSTER
Confidential:	No
District Code:	CD
Employee Number:	Not reported
District C Decode:	Central
Product Spilled Name:	SEWAGE
Lat/Long:	Not reported

151
SE
1/4-1/2
0.456 mi.
2406 ft.

AMP-OHIO GAS TURBINES - BOWLING GREEN (0387020378) **FINDS** **1014822956**
1225 COLLEGE DRIVE - 2600 AIRPORT DR **N/A**
COLUMBUS, OH 43219

Relative:
Higher

Actual:
767 ft.

FINDS:

Registry ID: 110041071577

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AA152 **CONNS POTATO CHIPS** **SPILLS** **S106199853**
SSW **1271 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.456 mi.
2406 ft. **Site 1 of 5 in cluster AA**

Relative:
Lower

Actual:
758 ft.

SPILLS:

Spill No.:	0306-25-2087
Spill Number:	2087
Spill Month/Year:	6/2003
Date Spill Reported:	06/11/2003
Reporter Name:	TAMMY VAN WALSEN
Confidential:	Not reported
District Code:	CD
Employee Number:	1786
District C Decode:	Central
Product Spilled Name:	FUEL OIL
Product Spilled Name:	FUEL OIL
Lat/Long:	Not reported

AA153 **CONNS POTATO CHIPS** **ARCHIVE UST** **U004088212**
SSW **1271 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.456 mi.
2406 ft. **Site 2 of 5 in cluster AA**

Relative:
Lower

Actual:
758 ft.

ARCHIVE UST:

Facility Number:	25010851
Owner Name:	CONNS POTATO CHIPS
Owner Address:	CLIFFWOOD & NANCY AVE
Owner City,St,Zip:	ZANESVILLE, OH 43701

Permit:

Facility Id:	25010851
Permit Id:	P00001
Permit Status:	Closed
Issued Date:	11/12/2003
LFD Permit Id:	13203

Inspection:

Facility Id:	25010851
Permit Number:	P00001
Code:	101
Inspection Type:	Final

Tank ID:	T00001
Tank Type:	Bare Steel
Tank Status:	**Filled in Place With Solid Material**
Install Date:	Not reported
Content:	Unknown
Capacity:	10000
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Not reported
Overfill Device Installed:	Not reported
Spill Device Installed:	Not reported
Release Detection On Tank:	Not reported
Date Removed:	Not reported
Date Last Use:	11/12/2003

CONNS POTATO CHIPS (Continued) **U004088212**

Date Abandoned/Closed: 11/12/2003
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection On Piping: Not reported

AA154 **CONN'S POTATO CHIPS** **RGA LUST** **S114757409**
SSW **1271 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.456 mi.
2406 ft. **Site 3 of 5 in cluster AA**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

2012	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2011	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2010	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2009	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2008	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2007	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2006	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2005	CONN'S POTATO CHIPS	1271 ALUM CREEK DR
2004	CONN'S POTATO CHIPS	1271 ALUM CREEK DR

AA155 **CONN'S POTATO CHIPS** **LUST** **U004218222**
SSW **1271 ALUM CREEK DR** **UST** **N/A**
1/4-1/2 **COLUMBUS, OH 43209** **NPDES**
0.456 mi.
2406 ft. **Site 4 of 5 in cluster AA**

Relative:
Lower

Actual:
758 ft.

LUST:
Release Number: 25010851-N00001
Release Date: 03/03/2004
Facility Status: **Inactive**
LTF Status: 6 Closure of regulated UST
FR Status: **NFA: No Further Action**
Priority: 2
Review Date: 03/29/2007
Priority Decode: SUS/CON from non-regulated UST
Class1 Decode: A viable RP have been identified
Class: Viable Responsible Party has been identified

UST:
Facility Id: 25010851
Facility Type: Commercial
Owner Name: Not reported
Owner Address: Not reported
Owner City/State/Zip: Not reported

Tank Number: T00001
Status: CLO - In Place
UST Capacity: 10000
Tank Content: Unknown
Installation Date: Not reported
Construction: BM - Bare Metal
Date Last Used: 11/12/2003
Date TCL Closed: Not reported

CONN'S POTATO CHIPS (Continued) **U004218222**

Date Removed:	Not reported
CAS Number:	Not reported
Abandoned Approved:	Not reported
Regulated:	NO
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Bare Steel
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	NA - Not Applicable
Piping Constructions:	BM - Bare Metal
Piping Construction Comments:	Bare Steel
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	OTH - Other (Explain)
Spill Prevention Manhole Comments:	Not reported
OverFill Prevention:	Not reported
OverFill Prevention Comment:	Not reported
Comments:	Not reported

OH NPDES:

Issue Date:	12/16/2014
Township:	Not reported
Facility Npdes Permit:	4GRN00743*EG
Applicant Name:	CONNS POTATO CHIPS CO INC
Applicant Address:	1805 KEMPER CT ZANESVILLE,OH 43701

AB156 **CAPITAL UNIVERSITY** **ICIS 1018288062**
North **2199 E MAIN ST** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
0.457 mi.
2415 ft. **Site 1 of 2 in cluster AB**

Relative: Higher

Actual: 780 ft.

ICIS:

Enforcement Action ID:	05-000F000390490004300003
FRS ID:	110001623477
Action Name:	CAPITAL UNIVERSITY 390490004300003
Facility Name:	CAPITAL UNIVERSITY
Facility Address:	2199 E MAIN ST COLUMBUS, OH 43209
Enforcement Action Type:	Notice of Violation
Facility County:	FRANKLIN
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	39.95723
Longitude in Decimal Degrees:	-82.93949

CAPITAL UNIVERSITY (Continued) **1018288062**

Permit Type Desc: Not reported
Program System Acronym: OH0000000125042612
Facility NAICS Code: 611310
Tribal Land Code: Not reported

AB157 **CAPITAL UNIVERSITY** **RCRA-SQG** **1000264220**
North **2199 E MAIN ST** **FTTS** **OHD075002717**
1/4-1/2 **COLUMBUS, OH 43209** **HIST FTTS**
0.457 mi. **FINDS**
2415 ft. **Site 2 of 2 in cluster AB** **ECHO**

Relative:
Higher

Actual:
780 ft.

RCRA-SQG:
Date form received by agency: 02/16/1989
Facility name: CAPITAL UNIVERSITY
Facility address: 2199 E MAIN ST
COLUMBUS, OH 43209
EPA ID: OHD075002717
Contact: K RICHARDSON
Contact address: 2199 E MAIN ST
COLUMBUS, OH 43209
Contact country: US
Contact telephone: 614-236-6015
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EVANGELICAL LUTH CHURCH OF AMER
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

CAPITAL UNIVERSITY (Continued) **1000264220**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

Violation Status: No violations found

FTTS INSP:
Inspection Number: 19910726OH026 1
Region: 05
Inspection Date: 07/26/91
Inspector: NETZLY
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

HIST FTTS INSP:
Inspection Number: 19910726OH026 1
Region: 05
Inspection Date: Not reported
Inspector: NETZLY
Violation occurred: No
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

CAPITAL UNIVERSITY (Continued) **1000264220**

FINDS:

Registry ID: 110001623477

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

AIR MINOR

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000264220
Registry ID: 110001623477
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001623477

158
SSW
1/4-1/2
0.459 mi.
2424 ft.

Relative:
Lower

Actual:
758 ft.

CHARLES E MERRILL PUBLISHING CO **FINDS** **1006218185**
1300 ALUM CREEK DR **N/A**
COLUMBUS, OH 43209

FINDS:

Registry ID: 110009667271

Environmental Interest/Information System

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of common facility-related data. Specific programmatic details are maintained in programmatic databases.

CHARLES E MERRILL PUBLISHING CO (Continued) **1006218185**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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159 **UNK** **SPILLS** **S106311018**
SW **MEMORY LANE N 500 FEET N OF MEMORY LANE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.460 mi.
2428 ft.

Relative:
Lower

Actual:
756 ft.

SPILLS:

Spill No.:	9511-25-4607
Spill Number:	4607
Spill Month/Year:	11/1995
Date Spill Reported:	11/13/1995
Reporter Name:	BRAD CAMPBELL
Confidential:	No
District Code:	CD
Employee Number:	1752
District C Decode:	Central
Product Spilled Name:	ORPHAN DRUM
Lat/Long:	395639 / 825647

AC160 **PLANT** **EDR Hist Cleaner** **1009157395**
NNW **580 HOLTZMAN AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.472 mi.
2490 ft. **Site 1 of 8 in cluster AC**

Relative:
Lower

Actual:
755 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1932	BUCKEYE CLEANING CO THE	CLOTHES PRESSERS AND CLEANERS
1947	PLANT	CLOTHES PRESSERS AND CLEANERS
1947	PLANT	DRY CLEANERS
1947	PLANT	CLEANERS-GARMENTS CURTAINS AND DRAPERIES
1952	BUCKEYE CLEANING CO	CLEANERS AND DYERS
1952	BUCKEYE CLEANING CO THE	DRY CLEANERS
1952	BUCKEYE CLEANING CO THE	CLEANERS
1960	BUCKEYE LANG CLEANERS INC OFFIC	CLEANERS AND DYERS

AD161 **LEAD** **S118270889**
West **1799 BIDE A WEE PARK** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.476 mi.
2514 ft. **Site 1 of 6 in cluster AD**

Relative:
Lower

Actual:
758 ft.

LEAD:

License Number:	LA9321
Contractor Last Name:	Bragg
Contractor First Name:	Chris
Summary Month:	7
Summary Year:	2015
Summary Number:	150694
Detail Number:	187230

(Continued) **S118270889**

Activity Performed: Risk Assessment
Reason For Activity: EBL Investigation

AA162
SSW
1/4-1/2
0.478 mi.
2524 ft.

SIGNATURE CABINETRY INC **NPDES** **S118118752**
1285 ALUM CREEK DR **N/A**
COLUMBUS, OH

Site 5 of 5 in cluster AA

Relative:
Lower

Actual:
758 ft.

OH NPDES:
Issue Date: 07/06/2015
Township: Not reported
Facility Npdes Permit: 4GRN00776*EG
Applicant Name: SIGNATURE CABINETRY INC
Applicant Address: 1285 ALUM CREEK DR COLUMBUS,OH 43209

163
WSW
1/4-1/2
0.484 mi.
2557 ft.

DRIVING PARK RECREATIONAL CENTER **NPDES** **S117856163**
1100 RHOADS AVE **N/A**
COLUMBUS, OH 43206

Relative:
Lower

Actual:
755 ft.

OH NPDES:
Issue Date: 03/20/2015
Township: Not reported
Facility Npdes Permit: 4GC04848*AG
Applicant Name: COLUMBUS RECREATION & PARKS DEPARTMENT
Applicant Address: 1111 E BROAD STREET COLUMBUSOH 43205

AC164
NW
1/4-1/2
0.496 mi.
2618 ft.

MOBILE OIL PITSTOP LLC **FINDS** **1014824334**
572 S NELSON RD UNIT A **ECHO** **N/A**
COLUMBUS, OH 43205

Site 2 of 8 in cluster AC

Relative:
Lower

Actual:
758 ft.

FINDS:

Registry ID: 110043192087

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1014824334
Registry ID: 110043192087

MOBILE OIL PITSTOP LLC (Continued) **1014824334**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110043192087

AC165 **JERRY'S TRANSMISSIONS (FORMER)** **RCRA NonGen / NLR** **1000290002**
NW **572 S NELSON RD BLDG F** **OHD013420112**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 3 of 8 in cluster AC**

Relative:
Lower

Actual:
758 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/01/2010
Facility name:	JERRY'S TRANSMISSIONS (FORMER)
Facility address:	572 S NELSON RD BLDG F COLUMBUS, OH 43205
EPA ID:	OHD013420112
Mailing address:	5220 LOLA WAY C/O NELSON ROAD MANAGEMENT COLUMBUS, OH 43235
Contact:	SUSAN HUTSON
Contact address:	5220 LOLA WAY C/O NELSON ROAD MANAGEMENT COLUMBUS, OH 43235
Contact country:	US
Contact telephone:	614-451-0728
Contact email:	SOHUTSON002@COLUMBUS.RR.COM
EPA Region:	05
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NELSON ROAD MANAGEMENT
Owner/operator address:	5220 LOLA WAY COLUMBUS, OH 43235
Owner/operator country:	US
Owner/operator telephone:	614-451-0728
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1900
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

JERRY'S TRANSMISSIONS (FORMER) (Continued) **1000290002**

Used oil transporter: No

Historical Generators:
Date form received by agency: 12/06/2006
Site name: JERRY'S TRANSMISSIONS (FORMER)
Classification: Not a generator, verified

Date form received by agency: 10/21/1998
Site name: GELLNER BUDD BODY SHOP
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/06/2006
Date achieved compliance: 12/20/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/20/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/06/2006
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 12/20/2006
Evaluation lead agency: State

AC166 **COLUMBUS AUTORAMA** **RCRA NonGen / NLR** **1000426136**
NW **572 S NELSON RD BLDG M** **FINDS** **OHD982063695**
1/4-1/2 **COLUMBUS, OH 43205** **ECHO**
0.496 mi.
2618 ft. **Site 4 of 8 in cluster AC**

Relative:
Lower

Actual:
758 ft.

RCRA NonGen / NLR:

Date form received by agency:	10/21/1998
Facility name:	COLUMBUS AUTORAMA
Facility address:	572 S NELSON RD BLDG M COLUMBUS, OH 43205
EPA ID:	OHD982063695
Contact:	ROY BUCKLEY
Contact address:	572 S NELSON RD BLDG M COLUMBUS, OH 43205
Contact country:	US
Contact telephone:	614-258-2777
Contact email:	Not reported
EPA Region:	05
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BUCKLEY ROY
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NAME NOT REPORTED
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

COLUMBUS AUTORAMA (Continued) **1000426136**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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: F005
. Waste name: 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.

Violation Status: No violations found

FINDS:

Registry ID: 110009425871

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000426136
Registry ID: 110009425871
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009425871

AC167 **JERRY'S TRANSMISSIONS (FORMER)** **FINDS** **1015971014**
NW **572 S NELSON RD BLDG F** **ECHO** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 5 of 8 in cluster AC**

Relative: Lower

Actual: 758 ft.

FINDS:

Registry ID: 110046260764

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1015971014
Registry ID:	110046260764
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046260764

AC168 **MCCOMBE BODY SHOP** **RCRA NonGen / NLR** **1000416721**
NW **572 S NELSON RD BLDG G** **FINDS** **OHD981539497**
1/4-1/2 **COLUMBUS, OH 43205** **ECHO**
0.496 mi.
2618 ft. **Site 6 of 8 in cluster AC**

Relative: Lower

Actual: 758 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/27/2004
Facility name:	MCCOMBE BODY SHOP
Facility address:	572 S NELSON RD BLDG G COLUMBUS, OH 43205
EPA ID:	OHD981539497
Mailing address:	1965 E MAIN ST COLUMBUS, OH 43205
Contact:	LARRY HUSTON
Contact address:	1965 E MAIN ST COLUMBUS, OH 43205
Contact country:	US
Contact telephone:	614-252-3164
Contact email:	Not reported
EPA Region:	05
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HUSTON LARRY
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	312-555-1212
Owner/operator email:	Not reported

MCCOMBE BODY SHOP (Continued) **1000416721**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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.

Historical Generators:
Date form received by agency: 11/18/1998
Site name: MCCOMBE BODY SHOP
Classification: Small Quantity Generator

MCCOMBE BODY SHOP (Continued) **1000416721**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: 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.

Facility Has Received Notices of Violations:
Regulation violated: SR - 3745-52-34(D)(4) & (C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 09/22/1998
Date achieved compliance: 11/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/15/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-33
Area of violation: Generators - Pre-transport
Date violation determined: 09/22/1998
Date achieved compliance: 11/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/15/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-11
Area of violation: Generators - General
Date violation determined: 09/22/1998
Date achieved compliance: 11/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/15/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

MCCOMBE BODY SHOP (Continued) **1000416721**

Regulation violated: SR - 3745-52-34(D)(2) & 66-74
Area of violation: Generators - Pre-transport
Date violation determined: 09/22/1998
Date achieved compliance: 11/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/15/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(D)(5)(b)
Area of violation: Generators - Pre-transport
Date violation determined: 09/22/1998
Date achieved compliance: 11/19/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/15/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/22/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/19/1998
Evaluation lead agency: State

Evaluation date: 09/22/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 11/19/1998
Evaluation lead agency: State

FINDS:

Registry ID: 110009425540

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The OH-CORE (Ohio - Core) database contains information commonly shared among the Ohio EPA environmental programs. The information is facility-based, general in nature, and used to support specific programmatic systems while simultaneously maintaining an inventory of

MCCOMBE BODY SHOP (Continued) **1000416721**

common facility-related data. Specific programmatic details are maintained in programmatic databases.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000416721
Registry ID: 110009425540
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009425540

AC169 **MOBILE OIL PITSTOP LLC** **RCRA-CESQG** **1014400443**
NW **572 S NELSON RD UNIT A** **OHR000162503**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 7 of 8 in cluster AC**

Relative:
Lower

Actual:
758 ft.

RCRA-CESQG:
Date form received by agency: 12/01/2010
Facility name: MOBILE OIL PITSTOP LLC
Facility address: 572 S NELSON RD UNIT A
COLUMBUS, OH 43205
EPA ID: OHR000162503
Contact: GARY L SOWDERS
Contact address: 572 S NELSON RD UNIT A
COLUMBUS, OH 43205
Contact country: US
Contact telephone: 614-560-6677
Contact email: GARY.S@OILPITSTOP.COM
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: NELSON ROAD MANAGEMENT
Owner/operator address: 5220 LOLA WAY
COLUMBUS, OH 43235
Owner/operator country: US
Owner/operator telephone: 614-451-0728
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

MOBILE OIL PITSTOP LLC (Continued) **1014400443**

Owner/Operator Type: Owner
Owner/Op start date: 06/05/2003
Owner/Op end date: Not reported

Owner/operator name: SUSAN HUTSON
Owner/operator address: 5220 LOLA WAY
COLUMBUS, OH 43235
Owner/operator country: US
Owner/operator telephone: 614-451-0728
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/05/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: Yes
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: Yes

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Not reported

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: F003
. Waste name: 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

MOBILE OIL PITSTOP LLC (Continued) **1014400443**

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: F005
. Waste name: 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.

Violation Status: No violations found

AC170 **ME COMBE MOTORS** **EDR Hist Auto** **1009039170**
NW **572 S NELSON RD** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.496 mi.
2618 ft. **Site 8 of 8 in cluster AC**

Relative: EDR Hist Auto
Lower

Actual: **758 ft.**

Year:	Name:	Type:
1969	NELSON FRAME & AXLE SERVICE*	General Automotive Repair Shops
1970	NELSON FRAME & AXLE SERVICE*	General Automotive Repair Shops
1971	NELSON FRAME & AXLE SERVICE	General Automotive Repair Shops
1972	NELSON FRAME & AXLE SERVICE	General Automotive Repair Shops
1973	NELSON FRAME & AXLE SERVICE	General Automotive Repair Shops
1974	NELSON FRAME & AXLE SERVICE	General Automotive Repair Shops
1979	DIMAR JOHN	General Automotive Repair Shops
1979	DIMAR JOHN	General Automotive Repair Shops
1980	DIMAR JOHN	General Automotive Repair Shops
1981	PERFORMANCE ASSOCIATION	AUTOMOBILE REPAIRING
1981	ME COMBE MOTORS	AUTOMOBILE REPAIRING
1981	NELSON FRAME & AXLE SERVICE	AUTOMOBILE REPAIRING
1982	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1983	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1985	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1986	COLUMBUS CORVETTE CENTER	Automotive Repair Shops, NEC
1986	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1987	COLUMBUS CORVETTE CENTER	Automotive Repair Shops, NEC
1987	GELLNER BUDD BODY SHOP INC	Not reported
1987	MC COMBE JOHN INC	Not reported
1987	PERFORMANCE ASSOCIATES	Patent Owners And Lessors
1987	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1987	EASTWAY BODY SHOP	Not reported
1988	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1988	EASTWAY BODY SHOP	Not reported
1988	PERFORMANCE ASSOCIATES	Patent Owners And Lessors
1988	COLUMBUS CORVETTE CENTER	Automotive Repair Shops, NEC
1989	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1989	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1989	LEES SERVICE CENTER	General Automotive Repair Shops
1990	LEES SERVICE CENTER	General Automotive Repair Shops
1990	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1990	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1991	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops

ME COMBE MOTORS (Continued) **1009039170**

1991	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1991	LEES SERVICE CENTER	General Automotive Repair Shops
1992	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1992	LEES SERVICE CENTER	General Automotive Repair Shops
1992	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1993	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1993	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1994	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1994	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1995	PENNINGTONS AUTO SERVICE	General Automotive Repair Shops
1995	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1995	COLUMBUS CORVETTE CENTER	General Automotive Repair Shops
1996	PENNINGTONS AUTO SERVICE	General Automotive Repair Shops
1996	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1996	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
1997	PENNINGTONS AUTO SERVICE	General Automotive Repair Shops
1997	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1997	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
1998	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1998	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
1998	CAR DOCTOR	Automotive Repair Shops, NEC
1999	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
1999	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2000	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2000	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2001	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2001	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2002	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2002	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2002	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2003	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2003	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2003	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2004	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2004	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2004	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2005	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2005	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2006	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2006	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2007	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2008	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2009	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2009	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2010	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2010	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2010	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2011	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2011	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2011	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2012	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2012	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2012	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2013	COLUMBUS CORVETTE CENTER INC	General Automotive Repair Shops
2013	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops
2013	JERRYS AUTOMATIC TRANSM SVC	Automotive Transmission Repair Shops
2014	BLUE DIAMOND ENTERPRISES INC	General Automotive Repair Shops

ME COMBE MOTORS (Continued) **1009039170**

2014 COLUMBUS CORVETTE CENTER INC General Automotive Repair Shops
2014 JERRYS AUTOMATIC TRANSM SVC Automotive Transmission Repair Shops

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AD171 **CITY OF COLUMBUS** **ARCHIVE UST** **U004087390**
West **1800 LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 2 of 6 in cluster AD**

Relative:
Lower

Actual:
758 ft.

ARCHIVE UST:
Facility Number: 25000023
Owner Name: CITY OF COLUMBUS
Owner Address: 240 PARSONS AVE
Owner City,St,Zip: COLUMBUS, OH 43215

Permit:
Facility Id: 25000023
Permit Id: P00001
Permit Status: Expired
Issued Date: 9/5/1996
LFD Permit Id: Not reported

Inspection:
Facility Id: 25000023
Permit Number: P00001
Code: 103
Inspection Type: Final

Tank ID: T00001
Tank Type: Steel
Tank Status: **Removed**
Install Date: 1/1/1980
Content: Diesel
Capacity: 550
Corrosion Protection Tank: Not reported
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Release Detection On Tank: Not reported
Date Removed: 2/8/1996
Date Last Use: 2/8/1996
Date Abandoned/Closed: Not reported
AST/UST: UST
Corrosion Protection Piping: Not reported
Piping Material: Galvanized Steel
Piping Type: Suction: no valve at tank
Release Detection On Piping: Not reported

AD172 **IGEL CONSTRUCTION** **SPILLS** **S102646521**
West **1800 LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 3 of 6 in cluster AD**

Relative: **Lower**

Actual: **758 ft.**

SPILLS:

Spill No.:	9212-25-5072
Spill Number:	5072
Spill Month/Year:	12/1992
Date Spill Reported:	12/01/1992
Reporter Name:	FD
Confidential:	No
District Code:	CD
Employee Number:	1786
District C Decode:	Central
Product Spilled Name:	HYDRAULIC OIL
Lat/Long:	395655 / 825658

AD173 **CITY OF COLUMBUS** **RGA LUST** **S114755065**
West **1800 LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.496 mi.
2618 ft. **Site 4 of 6 in cluster AD**

Relative: **Lower**

Actual: **758 ft.**

RGA LUST:

2012	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2011	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2010	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2009	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2008	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2007	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2006	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2005	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2004	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2003	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2002	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2001	CITY OF COLUMBUS	1800 LIVINGSTON AVE
2000	CITY OF COLUMBUS	1800 LIVINGSTON AVE

AD174 **CITY OF COLUMBUS** **LUST** **U004204386**
West **1800 LIVINGSTON AVE** **UST** **N/A**
1/4-1/2 **COLUMBUS, OH 43205**
0.496 mi.
2618 ft. **Site 5 of 6 in cluster AD**

Relative: **Lower**

Actual: **758 ft.**

LUST:

Release Number:	25000023-N00001
Release Date:	Not reported
Facility Status:	**Inactive**
LTF Status:	6 Closure of regulated UST
FR Status:	**NFA: No Further Action**
Priority:	3
Review Date:	06/20/2000
Priority Decode:	SUS/CON from AST
Class1 Decode:	A viable RP have been identified
Class:	Viable Responsible Party has been identified

CITY OF COLUMBUS (Continued) **U004204386**

UST:

Facility Id:	25000023
Facility Type:	Government
Owner Name:	CITY OF COLUMBUS
Owner Address:	90 W BROAD ST
Owner City/State/Zip:	43215
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	550
Tank Content:	Diesel
Installation Date:	01/01/1980
Construction:	BM - Bare Metal
Date Last Used:	02/08/1996
Date TCL Closed:	Not reported
Date Removed:	02/08/1996
CAS Number:	68334-30-5
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported
UST Configurations:	Not reported
Construction Comments:	Steel
Corrosion Protections:	Not reported
Corrosion Protection Comments:	Not reported
Primary Release Detection:	AMO - Alternative Method (Other, explain)
Secondary Release Detection:	Not reported
Release Detection Comments:	RDTank: / RDLine:
Piping Configuration:	Not reported
Piping Configuration Comments:	Not reported
Piping Styles:	S - Suction
Piping Constructions:	BM - Bare Metal
Piping Construction Comments:	Galvanized Steel
Piping Corrosion Protections:	OTH - Other (explain)
Piping Corrosion Protection Comments:	Not reported
Piping Release Detections:	OTH - Other(explain)
Piping Release Detection Comments:	Not reported
Spill Prevention Manholes:	NP - None Present
Spill Prevention Manhole Comments:	No
OverFill Prevention:	Not reported
OverFill Prevention Comment:	OverFill Spill: No
Comments:	Not reported

AD175 **CITY OF COLUMBUS FIRE STAT #15** **RGA LUST** **S114755021**
West **1800 LIVINGSTON AVE** **N/A**
1/4-1/2 **COLUMBUS, OH**
0.496 mi.
2618 ft. **Site 6 of 6 in cluster AD**

Relative:
Lower

Actual:
758 ft.

RGA LUST:

1999	CITY OF COLUMBUS FIRE STAT #15	1800 LIVINGSTON AVE
1998	CITY OF COLUMBUS FIRE STAT #15	1800 LIVINGSTON AVE
1997	CITY OF COLUMBUS FIRE STAT #15	1800 LIVINGSTON AVE
1996	CITY OF COLUMBUS FIRE STAT #15	1800 LIVINGSTON AVE

176 SSW 1/2-1 0.677 mi. 3572 ft. | **COLUMBUS CITY DUMP**
1400 ALUM CREEK DR
COLUMBUS, OH 43207 | **SEMS-ARCHIVE DERR HIST LF** | **1003872161 OHD980509814**

Relative: Lower

Actual: 749 ft.

SEMS Archive:

Site ID:	504556
EPA ID:	OHD980509814
Cong District:	12
FIPS Code:	39049
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	5
Site ID:	504556
EPA ID:	OHD980509814
Site Name:	COLUMBUS CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1990-03-28 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	5
Site ID:	504556
EPA ID:	OHD980509814
Site Name:	COLUMBUS CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-01-01 00:00:00
Finish Date:	1980-01-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	5
Site ID:	504556
EPA ID:	OHD980509814
Site Name:	COLUMBUS CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	Not reported
Finish Date:	1990-03-28 00:00:00
Qual:	N
Current Action Lead:	EPA Perf

COLUMBUS CITY DUMP (Continued) **1003872161**

Region:	5
Site ID:	504556
EPA ID:	OHD980509814
Site Name:	COLUMBUS CITY DUMP
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-03-13 00:00:00
Qual:	L
Current Action Lead:	St Perf

DERR:

DERR ID:	125000194
District:	CDO
Alias:	Not reported
Lat/Long:	39.93722222 -82.93444444
CERCLIS ID:	OHD980509814
Program:	**Site Assessment**
Decode for Activity:	Site Assessment

HIST LF:

Year closed:	1980
Publicly owned:	Y
Object ID:	Not reported
Location:	Not reported
Latitude:	39 56 22
Longitude:	82 56 20
Site 2:	Not reported
Site 3:	Not reported
Site 4:	Not reported
Site 5:	Not reported
Site 6:	Not reported
Waste Type:	UNKNOWN
Capacity:	31 ACRES
SWF ID:	N
Owner Name:	CITY OF COLUMBUS
Owner Address:	FRONT STREET
Owner City:	COLUMBUS
Owner Zip:	43215
Ohio ID:	125-0194
District:	1
X Coord:	Not reported
Y Coord:	Not reported
Year Open:	Not reported
Year Ceased:	Not reported
Access:	Not reported
Comments:	Not reported
OEPADO:	Not reported
Edit Date:	Not reported
GIS ID:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/05/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/22/2017
Date Data Arrived at EDR: 06/13/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 94

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/13/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Ohio EPA
Telephone: 614-644-2924
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: N/A

DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Environmental Response and Revitalization (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 61

Source: Ohio EPA
Telephone: 614-644-3538
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 10/19/2017
Date Made Active in Reports: 12/01/2017
Number of Days to Update: 43

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2621
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank File

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/13/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/26/2017
Number of Days to Update: 40

Source: Department of Commerce
Telephone: 614-752-8200
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 31
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

UNREG LTANKS: Ohio Leaking UST File
A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999
Date Data Arrived at EDR: 08/19/2003
Date Made Active in Reports: 08/26/2003
Number of Days to Update: 7
Source: Department of Commerce
Telephone: 614-752-7938
Last EDR Contact: 08/01/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

UST: Underground Storage Tank Tank File
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 3
Source: Department of Commerce
Telephone: 614-752-8200
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks
A listing of aboveground storage tank site locations in the state.

Date of Government Version: 08/04/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 09/26/2017
Number of Days to Update: 49
Source: Department of Commerce
Telephone: 614-752-7037
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 28

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g" cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how itwill be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 30

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 61

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 62

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2306
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Action Program Sites
Site involved in the Voluntary Action Program.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 62
Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Ohio Brownfield Inventory
A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/13/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 26
Source: Ohio EPA
Telephone: 614-644-3748
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Old Solid Waste Landfill
A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 77

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Listing
A listing of recycling facility locations.

Date of Government Version: 09/14/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 7

Source: Ohio EPA
Telephone: 614-728-5357
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 05/12/2017
Date Data Arrived at EDR: 05/16/2017
Date Made Active in Reports: 09/26/2017
Number of Days to Update: 133

Source: Ohio EPA
Telephone: 614-644-2080
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

ARCHIVE UST: Archived Underground Storage Tank Sites

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 3

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

SPILLS: Emergency Response Database

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state?s water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 05/12/2017
Date Data Arrived at EDR: 05/16/2017
Date Made Active in Reports: 09/26/2017
Number of Days to Update: 133

Source: Ohio EPA
Telephone: 614-644-2084
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/13/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 04/24/2004
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 57

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/16/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/25/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/26/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 9

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/27/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 53

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Quarterly

AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 12/19/2017
Date Data Arrived at EDR: 12/20/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 19

Source: Ohio EPA
Telephone: 614-644-2270
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 05/29/2015
Number of Days to Update: 43

Source: Ohio EPA
Telephone: 614-644-2134
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

CRO: Cessation of Regulated Operations Facility Listing
"Cessation of Regulated Operations" means the discontinuation or termination of regulated operations or the finalizing of any transaction or proceeding through which those operations are discontinued. "Regulated Operations" means the production, use, storage or handling of regulated substances.

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 60

Source: Ohio EPA
Telephone: 614-644-3065
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner facility locations.

Date of Government Version: 09/28/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 11/30/2017
Number of Days to Update: 63

Source: Ohio EPA
Telephone: 614-644-3469
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Semi-Annually

Financial Assurance: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 12/05/2017
Date Data Arrived at EDR: 12/08/2017
Date Made Active in Reports: 01/08/2018
Number of Days to Update: 31

Source: Ohio EPA
Telephone: 614-644-2955
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

HIST USD: Urban Setting Designations Database
A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/25/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

LEAD: Lead Inspections Listing
Department of Health lead inspections included in the Environmental Licensing System.

Date of Government Version: 12/18/2017
Date Data Arrived at EDR: 12/20/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 20

Source: Department of Health
Telephone: 614-644-8649
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Quarterly

NPDES: NPDES General Permit List
General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

Date of Government Version: 11/06/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 62
Source: Ohio EPA
Telephone: 614-644-2031
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

VAPOR: Vapor Intrusion
A listing of vapor intrusion related sites.

Date of Government Version: 09/18/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 01/24/2018
Number of Days to Update: 127
Source: Ohio EPA
Telephone: 614-644-2924
Last EDR Contact: 01/25/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies

TOWNGAS: DERR Towngas Database
The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992
Date Data Arrived at EDR: 02/21/2003
Date Made Active in Reports: 03/05/2003
Number of Days to Update: 12
Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 02/12/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 04/08/2016
Date Data Arrived at EDR: 05/12/2016
Date Made Active in Reports: 07/18/2016
Number of Days to Update: 67
Source: Ohio EPA
Telephone: 614-644-2752
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

USD: Urban Setting Designation Sites
A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 11/06/2017
Date Data Arrived at EDR: 11/08/2017
Date Made Active in Reports: 01/09/2018
Number of Days to Update: 62
Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Ohio Environmental Procetion Agency in Ohio.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Ohio Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Commerce in Ohio.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/20/2013
Number of Days to Update: 172

Source: Department of Commerce
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 34

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/05/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/12/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/13/2018
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Facilities
Source: Department of Job & Family Services
Telephone: 614-466-6282

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BEXLEY FERNDALE
921 FERNDALE PLACE
COLUMBUS, OH 43209

TARGET PROPERTY COORDINATES

Latitude (North):	39.94929 - 39° 56' 57.44''
Longitude (West):	82.940317 - 82° 56' 25.14''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	334242.7
UTM Y (Meters):	4423721.5
Elevation:	759 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5964751 SOUTHEAST COLUMBUS, OH
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

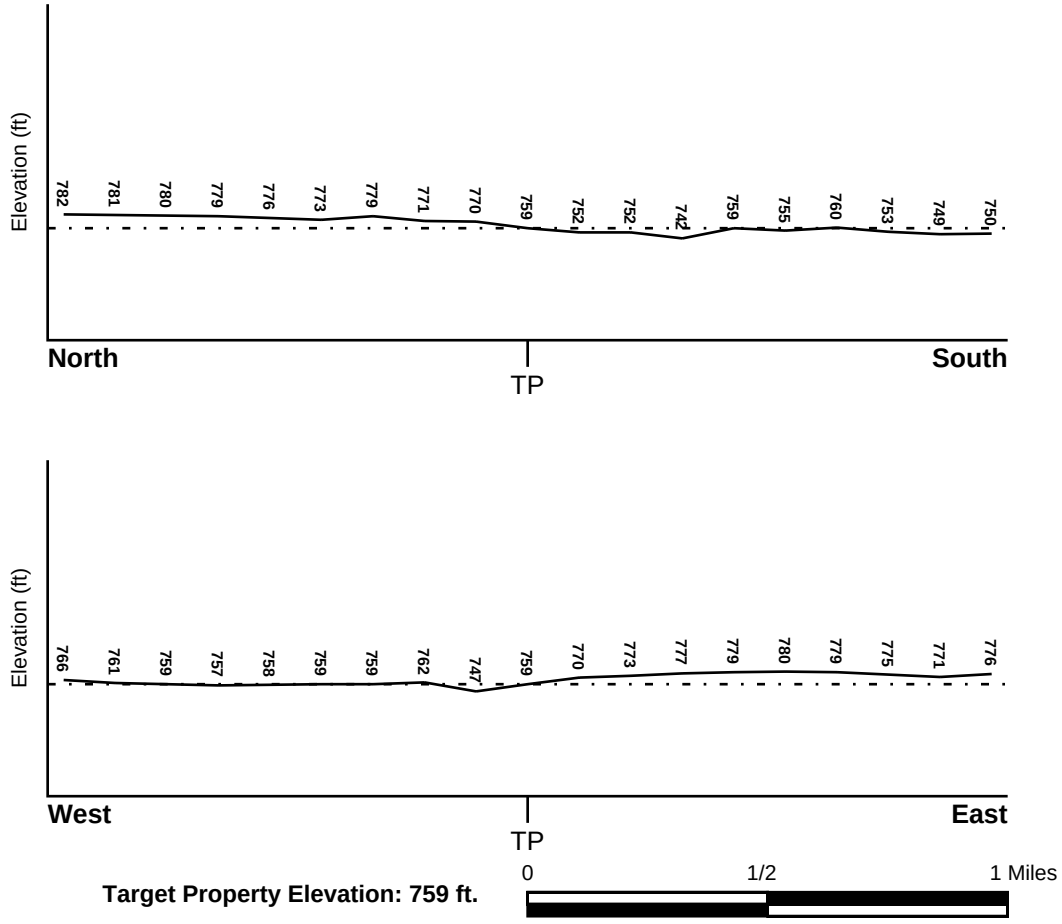
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
39049C0329K	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
39049C0333K	FEMA FIRM Flood data
39049C0265G	FEMA Q3 Flood data
39049C0341K	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SOUTHEAST COLUMBUS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B15	0 - 1/8 Mile SE	SW
D22	1/4 - 1/2 Mile WSW	S
J91	1/2 - 1 Mile NE	VARIES
1G	1/2 - 1 Mile NE	VARIES
2G	1/4 - 1/2 Mile WSW	S
3G	0 - 1/8 Mile SE	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

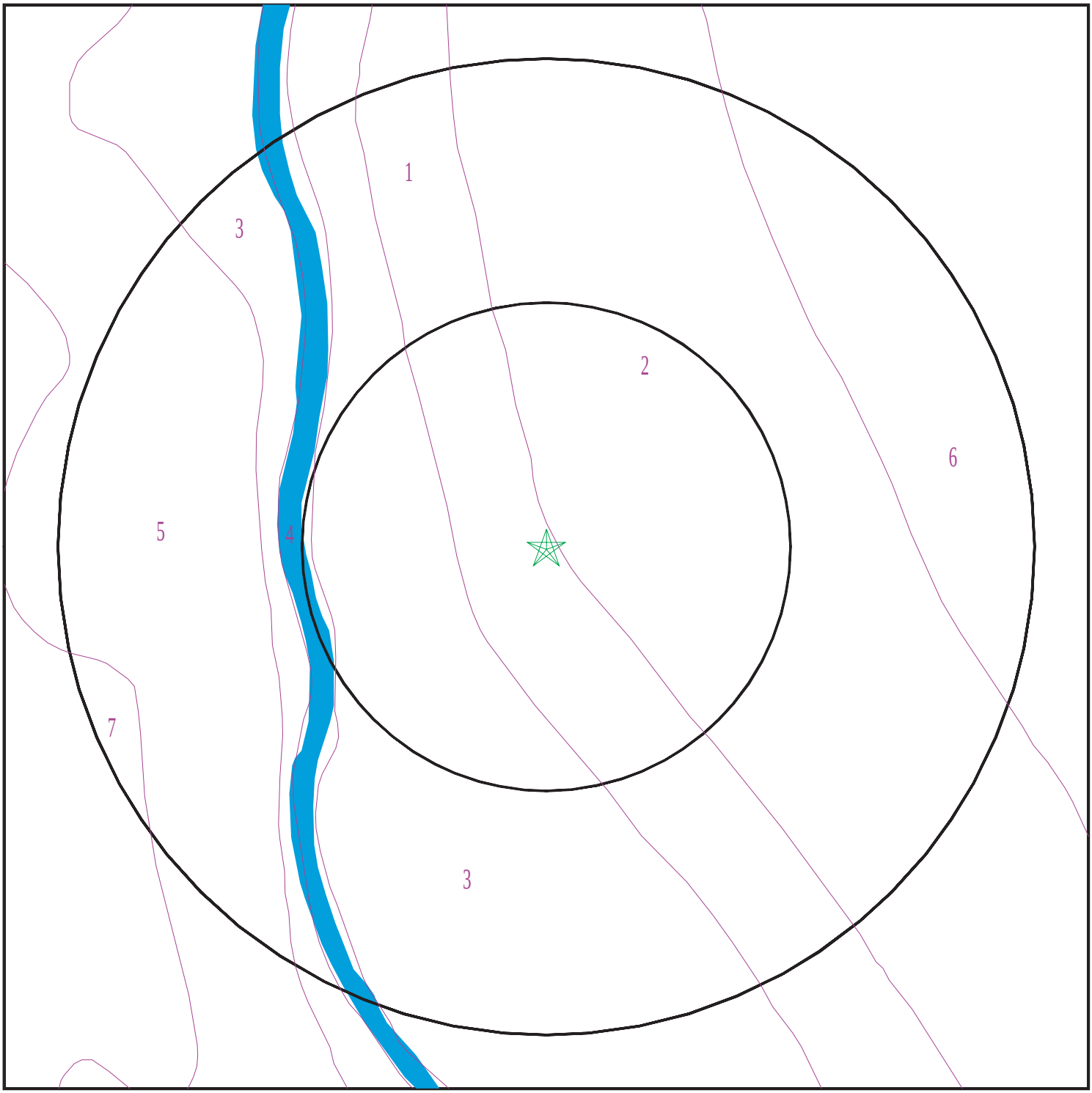
Era:	Paleozoic
System:	Devonian
Series:	Upper Devonian
Code:	D3 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5196641.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Bexley Ferndale	CLIENT:	Pandey Environmental, LLC
ADDRESS:	921 Ferndale Place Columbus OH 43209	CONTACT:	Nick Vallera
		INQUIRY #:	5196641.2s
LAT/LONG:	39.94929 / 82.940317	DATE:	February 22, 2018 11:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Cardington

Soil Surface Texture: silt loam

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 4.5
2	5 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 7.8 Min: 4.5
3	33 inches	70 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Bennington

Soil Surface Texture: silt loam

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
2	9 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 4.5
3	35 inches	70 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Eel

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.8 Min: 6.1
2	7 inches	42 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.1
3	42 inches	70 inches	stratified sandy loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Udorthents

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Bennington

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	9 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.8 Min: 4.5
3	35 inches	70 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 7

Soil Component Name: Eldean

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1.41	Max: 7.8 Min: 5.6
3	35 inches	70 inches	stratified gravelly sand to gravelly loamy sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.500 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	OHDM10000018955	0 - 1/8 Mile SW
A2	OHDM10000018954	0 - 1/8 Mile SW
A3	OHDM10000018953	0 - 1/8 Mile SW
A4	OHD700000431293	0 - 1/8 Mile SW
A5	OHDM10000018957	0 - 1/8 Mile SW
A6	OHDM10000018956	0 - 1/8 Mile SW
B7	OHD700000019291	0 - 1/8 Mile SE
B8	OHDM10000018943	0 - 1/8 Mile SE
B9	OHDM10000018942	0 - 1/8 Mile SE
B10	OHDM10000018941	0 - 1/8 Mile SE
B11	OHDM10000018944	0 - 1/8 Mile SE
B12	OHD700000423444	0 - 1/8 Mile SE
B13	OHDM10000018946	0 - 1/8 Mile SE
B14	OHDM10000018945	0 - 1/8 Mile SE
C16	OHD700000022400	1/8 - 1/4 Mile ESE
D18	OHD700000016368	1/8 - 1/4 Mile WSW
D19	OHD700000016365	1/8 - 1/4 Mile WSW
D20	OHD700000016366	1/8 - 1/4 Mile WSW
D21	OHD700000016367	1/8 - 1/4 Mile WSW
D23	OHD700000118537	1/4 - 1/2 Mile WSW
D24	OHDM10000018933	1/4 - 1/2 Mile WSW
D25	OHDM10000018932	1/4 - 1/2 Mile WSW
D26	OHDM10000018931	1/4 - 1/2 Mile WSW
D27	OHDM10000018934	1/4 - 1/2 Mile WSW
D28	OHD700000406890	1/4 - 1/2 Mile WSW
D29	OHDM10000018936	1/4 - 1/2 Mile WSW
D30	OHDM10000018935	1/4 - 1/2 Mile WSW
D31	OHDM10000018911	1/4 - 1/2 Mile WSW
D32	OHDM10000018910	1/4 - 1/2 Mile WSW
D33	OHDM10000018909	1/4 - 1/2 Mile WSW
D34	OHDM10000018912	1/4 - 1/2 Mile WSW
D35	OHD700000406832	1/4 - 1/2 Mile WSW
D36	OHDM10000018914	1/4 - 1/2 Mile WSW
D37	OHDM10000018913	1/4 - 1/2 Mile WSW
38	OHD700000175359	1/4 - 1/2 Mile SE
D39	OHD700000339484	1/4 - 1/2 Mile West
D40	OHD700000339486	1/4 - 1/2 Mile West
D41	OHD700000339487	1/4 - 1/2 Mile West
D42	OHDM10000018949	1/4 - 1/2 Mile West
D43	OHDM10000018948	1/4 - 1/2 Mile West
D44	OHDM10000018947	1/4 - 1/2 Mile West
D45	OHDM10000018952	1/4 - 1/2 Mile West
D46	OHDM10000018951	1/4 - 1/2 Mile West
D47	OHDM10000018950	1/4 - 1/2 Mile West
D48	OHD700000180553	1/4 - 1/2 Mile WSW
49	OHD700000180554	1/4 - 1/2 Mile WSW
E50	OHD700000021726	1/4 - 1/2 Mile SW
E51	OHD700000021721	1/4 - 1/2 Mile SW
53	OHD700000175360	1/2 - 1 Mile SW
54	OHD700000311643	1/2 - 1 Mile ENE
55	OHD700000175376	1/2 - 1 Mile NW
F56	OHDM10000019398	1/2 - 1 Mile NNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F57	OHDM10000019397	1/2 - 1 Mile NNW
F58	OHDM10000019399	1/2 - 1 Mile NNW
F59	OHD700000434311	1/2 - 1 Mile NNW
F60	OHDM10000019400	1/2 - 1 Mile NNW
F61	OHD700000091656	1/2 - 1 Mile NNW
F62	OHD700000091658	1/2 - 1 Mile NNW
F63	OHD700000091659	1/2 - 1 Mile NNW
F64	OHD700000022506	1/2 - 1 Mile NNW
F65	OHD700000022507	1/2 - 1 Mile NNW
66	OHD700000024669	1/2 - 1 Mile WNW
67	OHD700000367025	1/2 - 1 Mile North
68	OHD700000302595	1/2 - 1 Mile NW
69	OHD700000025587	1/2 - 1 Mile NNW
70	OHD700000025146	1/2 - 1 Mile NW
G71	OHD700000337268	1/2 - 1 Mile South
72	OHD700000018859	1/2 - 1 Mile NNW
H73	OHD700000175377	1/2 - 1 Mile NE
H74	OHD700000175378	1/2 - 1 Mile NE
I75	OHD700000311647	1/2 - 1 Mile ESE
G76	OHD700000021722	1/2 - 1 Mile South
I77	OHD700000311833	1/2 - 1 Mile ESE
I78	OHD700000311834	1/2 - 1 Mile ESE
I79	OHD700000311646	1/2 - 1 Mile ESE
J80	OHD700000086641	1/2 - 1 Mile NE
I81	OHD700000311832	1/2 - 1 Mile ESE
K82	OHD700000311648	1/2 - 1 Mile ESE
K83	OHD700000311649	1/2 - 1 Mile ESE
K84	OHD700000311650	1/2 - 1 Mile ESE
K85	OHD700000311651	1/2 - 1 Mile ESE
K86	OHD700000311642	1/2 - 1 Mile ESE
K87	OHD700000119419	1/2 - 1 Mile ESE
K88	OHD700000312119	1/2 - 1 Mile ESE
K89	OHD700000312120	1/2 - 1 Mile ESE
K90	OHD700000312121	1/2 - 1 Mile ESE
K92	OHD700000119306	1/2 - 1 Mile ESE
L93	OHD700000311644	1/2 - 1 Mile ESE
L94	OHD700000311645	1/2 - 1 Mile ESE
L95	OHD700000312122	1/2 - 1 Mile ESE
J96	OHD700000088064	1/2 - 1 Mile NE
J97	OHD700000089955	1/2 - 1 Mile NE
L98	OHD700000119307	1/2 - 1 Mile ESE
M99	OHD700000175355	1/2 - 1 Mile SW
M100	OHD700000175356	1/2 - 1 Mile SW
101	OHD700000024915	1/2 - 1 Mile NE
N102	OHD700000024887	1/2 - 1 Mile NW
N103	OHD700000024888	1/2 - 1 Mile NW
N104	OHD700000024886	1/2 - 1 Mile NW
105	OHD700000024441	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5196641.2s

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Bexley Ferndale	CLIENT: Pandey Environmental, LLC
ADDRESS: 921 Ferndale Place Columbus OH 43209	CONTACT: Nick Vallera
LAT/LONG: 39.94929 / 82.940317	INQUIRY #: 5196641.2s DATE: February 22, 2018 11:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **SW** **0 - 1/8 Mile** **Lower**	**OH WELLS**	**OHDM10000018955**

Well log n:	2031523		
Well type :	W	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-MAR-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018955		

A2
SW
0 - 1/8 Mile
Lower

OH WELLS **OHDM10000018954**

Well log n:	2031523		
Well type :	W	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		

Screen len:	10		
Total dept:	23		
Date of co:	07-MAR-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018954		

A3
SW
0 - 1/8 Mile
Lower

OH WELLS **OHDM10000018953**

Well log n:	2031523		
Well type :	W	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-MAR-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018953		

A4
SW
0 - 1/8 Mile
Lower

OH WELLS **OHD700000431293**

Well log n:	2031523		
Well type :	WATER WELL	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	20110307	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000431293		

A5
SW
0 - 1/8 Mile
Lower

OH WELLS **OHDM10000018957**

Well log n:	2031523		
Well type :	W	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-MAR-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018957		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
OH WELLS	**OHDM10000018956**

A6
SW
0 - 1/8 Mile
Lower

Well log n:	2031523		
Well type :	W	U version:	Not Reported
End user i:	795		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SRW
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2080		
St name:	LIVINGSTON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844658.7		
Horiz y:	709991.79		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94849		
Longitude:	-82.94171		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-MAR-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	MW-2		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	23		
Screened 1:	13		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	GLOBAL POSITIONING SYSTEM		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018956		

B7
SE **OH WELLS** **OHD700000019291**
0 - 1/8 Mile
Higher

Well log n:	715871		
Well type :	WATER WELL	U version:	!
End user i:	1407		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	STERLING MOTORS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1845404.17		
Horiz y:	709926.23		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94832		
Longitude:	-82.93905		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	15		
Date of co:	19910515	Located in:	Not Reported
Assoc rpt :	Y		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000019291		

B8
SE
0 - 1/8 Mile Higher

OH WELLS **OHDM10000018943**

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018943		

B9
SE
0 - 1/8 Mile Higher

OH WELLS **OHDM10000018942**

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018942		

B10
SE
0 - 1/8 Mile
Higher

OH WELLS **OHDM10000018941**

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018941		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database: **OH WELLS** | EDR ID Number: **OHDM10000018944**

B11
SE
0 - 1/8 Mile
Higher

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018944		

B12
SE
0 - 1/8 Mile
Higher

OH WELLS **OHD700000423444**

Well log n:	2035409		
Well type :	WATER WELL	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	AUGER	Test type :	B
Well use c:	MONITOR	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well Loc:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	20111003
Cas ht:	0		

Screen len:	10		
Total dept:	21		
Date of co:	20111003	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000423444		

B13
SE
0 - 1/8 Mile Higher

OH WELLS **OHDM10000018946**

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018946		

B14
SE
0 - 1/8 Mile Higher

OH WELLS **OHDM10000018945**

Well log n:	2035409		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DISCOUNT AUTO GLASS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2182		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1845420.97		
Horiz y:	709922.5		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.948314		
Longitude:	-82.938994		
Source of :	GEOCODE	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	03-OCT-11
Cas ht:	0		
Screen len:	10		
Total dept:	21		
Date of co:	03-OCT-11	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	11		
Screened 1:	21		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018945		

B15
SE
0 - 1/8 Mile
Higher

Site ID:	2520702-00
Groundwater Flow:	SW
Shallow Water Depth:	9.75
Deep Water Depth:	12.25
Average Water Depth:	Not Reported
Date:	4/1994

AQUIFLOW **19825**

C16
ESE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD700000022400**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	768062		
Well type :	WATER WELL	U version:	!
End user i:	1407		
Cnty code:	49	Twp code:	1620
Orig owner:	Not Reported	Orig own 1:	UNO-VEN
Drill type:	AUGER	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2253		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1845852.12		
Horiz y:	709792.91		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	766		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94796		
Longitude:	-82.93745		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	18		
Date of co:	19950621	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000022400		

C17
ESE
1/8 - 1/4 Mile Higher

AQUIFLOW **13410**

Site ID:	259019
Groundwater Flow:	NOT REPORTED
Shallow Water Depth:	3.32
Deep Water Depth:	12.06
Average Water Depth:	Not Reported
Date:	10/1996

D18
WSW
1/8 - 1/4 Mile Higher

OH WELLS **OHD700000016368**

Well log n:	758422		
Well type :	WATER WELL	U version:	!
End user i:	1514		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	BP OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	GRAVEL/SAND/CLAY
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1971		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843845.37		
Horiz y:	709941.14		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94834		
Longitude:	-82.94461		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	19.3		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	26		
Date of co:	19920729	Located in:	Not Reported
Assoc rpt :	Y		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000016368		

D19
WSW
1/8 - 1/4 Mile Higher

OH WELLS **OHD700000016365**

Well log n:	758419		
Well type :	WATER WELL	U version:	!
End user i:	1514		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	BP OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1971		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843845.37		
Horiz y:	709941.14		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94834		
Longitude:	-82.94461		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	19.4		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	23		
Date of co:	19920729	Located in:	Not Reported
Assoc rpt :	Y		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000016365		

D20
WSW
1/8 - 1/4 Mile Higher

OH WELLS **OHD700000016366**

Well log n:	758420		
Well type :	WATER WELL	U version:	!
End user i:	1514		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	BP OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	GRAVEL/SAND/CLAY
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1971		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1843845.37		
Horiz y:	709941.14		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94834		
Longitude:	-82.94461		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	19		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	26		
Date of co:	19920729	Located in:	Not Reported
Assoc rpt :	Y		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000016366		

D21
WSW
1/8 - 1/4 Mile
Higher

OH WELLS **OHD700000016367**

Well log n:	758421		
Well type :	WATER WELL	U version:	!
End user i:	1514		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	BP OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	GRAVEL/SAND/CLAY
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1971		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843845.37		
Horiz y:	709941.14		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94834		
Longitude:	-82.94461		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	18.9		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	26		
Date of co:	19920729	Located in:	Not Reported
Assoc rpt :	Y		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000016367		

D22
WSW
1/4 - 1/2 Mile Higher

Site ID:	2591191-00
Groundwater Flow:	S
Shallow Water Depth:	Not Reported
Deep Water Depth:	18.04
Average Water Depth:	Not Reported
Date:	3/1993

AQUIFLOW **13729**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
OH WELLS	**OHD700000118537**

D23
WSW
1/4 - 1/2 Mile
Higher

Well log n:	967373		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	1790
Orig owner:	Not Reported	Orig own 1:	TIMKEN
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1025		
St name:	ALUM CREEK	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843620.8		
Horiz y:	709887.61		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94819		
Longitude:	-82.94541		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	5		
Total dept:	18		
Date of co:	20030425	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20030826	Added by:	DENNIS CRIST
Date chang:	18991230	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	13		
Screened 1:	18		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000118537		

D24
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018933**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		

Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018933		

D25
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018932**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018932		

D26
WSW
1/4 - 1/2 Mile Higher

OH WELLS **OHDM10000018931**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018931		

D27
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018934**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018934		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database: **OH WELLS**
EDR ID Number: **OHD700000406890**

D28
WSW
1/4 - 1/2 Mile
Higher

Well log n:	2005003		
Well type :	WATER WELL	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	20060907	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000406890		

D29
WSW
1/4 - 1/2 Mile Higher

OH WELLS **OHDM10000018936**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		

Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018936		

D30
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018935**

Well log n:	2005003		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843623.55		
Horiz y:	709876.66		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94816		
Longitude:	-82.9454		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018935		

D31
WSW
1/4 - 1/2 Mile Higher

OH WELLS **OHDM10000018911**

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018911		

D32
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018910**

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018910		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
OH WELLS	**OHDM10000018909**

D33
WSW
1/4 - 1/2 Mile
Higher

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018909		

D34
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018912**

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		

Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018912		

D35
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000406832**

Well log n:	2004992		
Well type :	WATER WELL	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	20060907	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000406832		

D36
WSW
1/4 - 1/2 Mile Higher

OH WELLS **OHDM10000018914**

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		

Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018914		

D37
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018913**

Well log n:	2004992		
Well type :	W	U version:	Not Reported
End user i:	4221		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHELL STATION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	43209		
Well loc d:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843639.96		
Horiz y:	709792.8		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94793		
Longitude:	-82.94534		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	23		
Date of co:	07-SEP-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	23		
Screened 1:	11		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018913		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
38 SE 1/4 - 1/2 Mile Higher	**OH WELLS**	**OHD700000175359**

Well log n:	210792		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	JEWISH CENTER
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHALE
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	232		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1125		
St name:	COLLEGE	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1846014.08		
Horiz y:	709078.14		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	763		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.945997		
Longitude:	-82.93686		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	52		
Date of co:	19590710	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175359		

D39
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000339484**

Well log n:	2002934		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	10		
Total dept:	22		
Date of co:	20060510	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000339484		

D40
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000339486**

Well log n:	2002936		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	20060510	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000339486		

D41
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000339487**

Well log n:	2002937		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		

Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	20060510	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000339487		

D42
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018949**

Well log n:	2002934		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018949		

Map ID
Direction
Distance
Elevation

Database: **OH WELLS** | EDR ID Number: **OHDM10000018948**

D43
West
1/4 - 1/2 Mile
Higher

Well log n:	2002934		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018948		

D44
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018947**

Well log n:	2002937		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		

Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018947		

D45
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018952**

Well log n:	2002937		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018952		

D46
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018951**

Well log n:	2002936		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		

Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018951		

D47
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHDM10000018950**

Well log n:	2002936		
Well type :	W	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	980
Orig owner:	Not Reported	Orig own 1:	SHELL OIL
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1937		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Well loc d:	Not Reported		
Zone code:	S		
Horiz x:	1843509.04		
Horiz y:	709964.66		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9484		
Longitude:	-82.94581		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	30-DEC-99
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	10-MAY-06	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	Not Reported		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	15-AUG-06	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000018950		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database: **OH WELLS** EDR ID Number: **OHD700000180553**

D48
WSW
1/4 - 1/2 Mile
Lower

Well log n:	43499		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	NATIONAL ALUMINUM CO
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	1904		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1133		
St name:	ALUM CREEK	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843460.44		
Horiz y:	709775.47		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	758		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.947876		
Longitude:	-82.945981		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	78		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	300		
Date of co:	18991230	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000180553		

49
WSW **OH WELLS** **OHD700000180554**
1/4 - 1/2 Mile
Higher

Well log n:	43498		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	NATIONAL ALUMINUM CO
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	1905		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1133		
St name:	ALUM CREEK	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843446.15		
Horiz y:	709720.9		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.947731		
Longitude:	-82.946033		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	17		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	39		
Date of co:	18991230	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000180554		

E50
SW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000021726**

Well log n:	183372		
Well type :	WATER WELL	U version:	!
End user i:	0		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	NATIONAL ALUMINUM CO
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRAVEL/SAND/CLAY
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1130		
St name:	ALUM CREEK	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843785.63		
Horiz y:	709198.3		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	761		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.9463		
Longitude:	-82.94481		
Source of :	Not Reported	Flowing we:	N
Test rate:	100		
Draw down:	5		
Draw down :	4		
S water le:	22		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	45		
Date of co:	19570330	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000021726		

E51
SW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD700000021721**

Well log n:	735058		
Well type :	WATER WELL	U version:	!
End user i:	1081		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	PRE-FAB TRANSIT
Drill type:	CABLE TOOL	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1185		
St name:	ALUM CREEK	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1843674.13		
Horiz y:	709329.99		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94666		
Longitude:	-82.94521		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	26		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	10		
Total dept:	29		
Date of co:	19920319	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	19		
Screened 1:	29		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000021721		

52
SSW
1/4 - 1/2 Mile
Lower

Site ID:	2522904-02
Groundwater Flow:	NOT REPORTED
Shallow Water Depth:	10.7 FT.
Deep Water Depth:	12.85 FT.
Average Water Depth:	Not Reported
Date:	6/93

AQUIFLOW **17140**

53
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000175360**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	162198		
Well type :	WATER WELL	U version:	!
End user i:	1875		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	COLUMBUS CEMENT
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRAVEL
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	233		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1165		
St name:	ALUM CREEK	St type co:	DR
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843266.28		
Horiz y:	707933.17		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.942815		
Longitude:	-82.946635		
Source of :	Digitized	Flowing we:	N
Test rate:	50		
Draw down:	10		
Draw down :	8		
S water le:	27		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	12		
Total dept:	40		
Date of co:	19570101	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	731		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175360		

54
ENE **OH WELLS** **OHD700000311643**
1/2 - 1 Mile
Higher

Well log n:	965839		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1221		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1847715.56		
Horiz y:	711335.79		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	782		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95222		
Longitude:	-82.93083		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031215
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031215	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311643		

55
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000175376**

Well log n:	136665		
Well type :	WATER WELL	U version:	!
End user i:	2320		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DIEBEL & SHANK MFG C
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	242		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	556		
St name:	NELSON	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1843385.12		
Horiz y:	712690.1		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.955878		
Longitude:	-82.946305		
Source of :	Digitized	Flowing we:	N
Test rate:	24		
Draw down:	4		
Draw down :	0		
S water le:	20		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	31		
Date of co:	19541123	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	740		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175376		

F56
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHDM10000019398**

Well log n:	2045418		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN PROPERTY GROUPS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SGC
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1844383		
Horiz y:	713232.7		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.957383		
Longitude:	-82.94275		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	05-NOV-13
Cas ht:	0		
Screen len:	10		
Total dept:	25		
Date of co:	05-NOV-13	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	AQUIFER IS ACTUALLY CLAY AND GRAVEL. ODNR SITE DOES NOT RECOGNIZE THIS IN THE "AQUIFER TYPE" FIEL		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	15		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	1.5		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000019398		

F57
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHDM10000019397**

Well log n:	2045418		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN PROPERTY GROUPS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SGC
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	43209		

Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1844383		
Horiz y:	713232.7		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.957383		
Longitude:	-82.94275		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	05-NOV-13
Cas ht:	0		
Screen len:	10		
Total dept:	25		
Date of co:	05-NOV-13	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	AQUIFER IS ACTUALLY CLAY AND GRAVEL. ODNR SITE DOES NOT RECOGNIZE THIS IN THE "AQUIFER TYPE" FIEL		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	15		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	1.5		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000019397		

F58
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHDM10000019399**

Well log n:	2045418		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN PROPERTY GROUPS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SGC
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1844383		
Horiz y:	713232.7		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.957383		
Longitude:	-82.94275		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	05-NOV-13
Cas ht:	0		
Screen len:	10		
Total dept:	25		
Date of co:	05-NOV-13	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	AQUIFER IS ACTUALLY CLAY AND GRAVEL. ODNR SITE DOES NOT RECOGNIZE THIS IN THE "AQUIFER TYPE" FIEL		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	15		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	1.5		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000019399		

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
OH WELLS	**OHD700000434311**

F59
NNW
1/2 - 1 Mile
Lower

Well log n:	2045418		
Well type :	WATER WELL	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN PROPERTY GROUPS
Drill type:	AUGER	Test type :	B
Well use c:	MONITOR	Aquifer ty:	CLAY/GRAVEL/SILT
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	43209		
Well Loc:	MW-7		
Zone code:	Not Reported		
Horiz x:	1844383		
Horiz y:	713232.7		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.957383		
Longitude:	-82.94275		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	20131105
Cas ht:	0		
Screen len:	10		
Total dept:	25		
Date of co:	20131105	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	AQUIFER IS ACTUALLY CLAY AND GRAVEL. ODNR SITE DOES NOT RECOGNIZE THIS IN THE "AQUIFER TYPE" FIELD		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported

Screen slo:	.01		
Screened i:	15		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	1.5		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000434311		

F60
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHDM10000019400**

Well log n:	2045418		
Well type :	W	U version:	Not Reported
End user i:	4225		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN PROPERTY GROUPS
Drill type:	A	Test type :	B
Well use c:	M	Aquifer ty:	SGC
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	43209		
Well loc d:	MW-7		
Zone code:	Not Reported		
Horiz x:	1844383		
Horiz y:	713232.7		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	752		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.957383		
Longitude:	-82.94275		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	T	S water 1:	05-NOV-13
Cas ht:	0		

Screen len:	10		
Total dept:	25		
Date of co:	05-NOV-13	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	AQUIFER IS ACTUALLY CLAY AND GRAVEL. ODNR SITE DOES NOT RECOGNIZE THIS IN THE "AQUIFER TYPE" FIEL		
Well seal :	0		
Date added:	30-DEC-99	Added by:	Not Reported
Date chang:	30-DEC-99	Changed by:	Not Reported
Screen slo:	.01		
Screened i:	15		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	1.5		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHDM10000019400		

F61
NNW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000091656**

Well log n:	862424		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SHOTTENSTEIN
Drill type:	AUGER	Test type :	P
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	00-052
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844444.86		
Horiz y:	713271.38		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	762		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.95749		
Longitude:	-82.94253		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	20000216
Cas ht:	0		
Screen len:	0		
Total dept:	23		
Date of co:	20000216	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000091656		

F62
NNW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000091658**

Well log n:	862423		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN
Drill type:	AUGER	Test type :	P
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	00-032
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1844444.86		
Horiz y:	713271.38		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	762		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95749		
Longitude:	-82.94253		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	20000215
Cas ht:	0		
Screen len:	0		
Total dept:	24		
Date of co:	20000215	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000091658		

F63
NNW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000091659**

Well log n:	862422		
Well type :	WATER WELL	U version:	Not Reported
End user i:	1407		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	SCHOTTENSTEIN
Drill type:	AUGER	Test type :	P
Well use c:	MONITOR	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	00-032
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2106		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844444.86		
Horiz y:	713271.38		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	762		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95749		
Longitude:	-82.94253		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	20000215
Cas ht:	0		
Screen len:	0		
Total dept:	22		
Date of co:	20000215	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000091659		

F64
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000022506**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	9925012		
Well type :	WATER WELL	U version:	!
End user i:	0		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	HARMONY FARMS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHALE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2050		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844313.13		
Horiz y:	713275.67		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	743		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9575		
Longitude:	-82.943		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	54		
Date of co:	19540115	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000022506		

F65
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000022507**

Well log n:	9925013		
Well type :	WATER WELL	U version:	!
End user i:	0		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	HARMONY FARMS
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHALE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2050		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844313.13		
Horiz y:	713275.67		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	743		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9575		
Longitude:	-82.943		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	55		
Date of co:	19531221	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported

Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000022507		

66
WNW **OH WELLS** **OHD700000024669**
1/2 - 1 Mile
Higher

Well log n:	72333		
Well type :	WATER WELL	U version:	!
End user i:	1118		
Cnty code:	49	Twp code:	2175
Orig owner:	J	Orig own 1:	BOULTON
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	5		
St dir cod:	Not Reported		
St no:	679		
St name:	RHOADS	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1842473.26		
Horiz y:	711976.98		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	766		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95391		
Longitude:	-82.94954		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	90		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	190		
Date of co:	19520222	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024669		

67
North
1/2 - 1 Mile
Higher

OH WELLS **OHD700000367025**

Well log n:	9925101		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	DREXEL THEATRE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	243		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	0		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1845588.7		
Horiz y:	713284.01		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	782		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.957544		
Longitude:	-82.93845		
Source of :	Digitized	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	98		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	280		
Date of co:	19440505	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	683		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000367025		

68
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000302595**

Well log n:	74422		
Well type :	WATER WELL	U version:	!
End user i:	2507		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	COLUMBUS GLOVE MFG.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	1074		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1836		
St name:	FULTON	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

Zone code:	S		
Horiz x:	1842627.33		
Horiz y:	712515.36		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	766		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.955385		
Longitude:	-82.948996		
Source of :	Digitized	Flowing we:	N
Test rate:	25		
Draw down:	3		
Draw down :	3		
S water le:	23		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	47		
Date of co:	19490716	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000302595		

69
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000025587**

Well log n:	803486		
Well type :	WATER WELL	U version:	!
End user i:	1311		
Cnty code:	49	Twp code:	2255
Orig owner:	JOHN/BETTY	Orig own 1:	WOLFORD
Drill type:	CABLE TOOL	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	S		
St no:	1983		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843404.46		
Horiz y:	713200		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	756		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95728		
Longitude:	-82.94624		
Source of :	Not Reported	Flowing we:	N
Test rate:	20		
Draw down:	0		
Draw down :	0		
S water le:	47		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	147		
Date of co:	19950924	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000025587		

70
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000025146**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	9925425		
Well type :	WATER WELL	U version:	!
End user i:	1532		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	THE CITY ICE&FUEL CO
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	1046		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	1890		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1842816.35		
Horiz y:	713319.48		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	759		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9576		
Longitude:	-82.94834		
Source of :	Not Reported	Flowing we:	N
Test rate:	300		
Draw down:	20		
Draw down :	0		
S water le:	13		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	37		
Date of co:	19490416	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000025146		

G71
South
1/2 - 1 Mile
Lower

OH WELLS **OHD700000337268**

Well log n:	257183		
Well type :	WATER WELL	U version:	!
End user i:	1136		
Cnty code:	49	Twp code:	668
Orig owner:	J	Orig own 1:	CROSON
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	230		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2120		
St name:	FRANKLIN	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1844882.1		
Horiz y:	706362.46		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	753		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.938532		
Longitude:	-82.940848		
Source of :	Digitized	Flowing we:	N
Test rate:	20		
Draw down:	0		
Draw down :	0		
S water le:	8		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	30		
Date of co:	19620502	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	746		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000337268		

72
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000018859**

Well log n:	734542		
Well type :	WATER WELL	U version:	!
End user i:	1246		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	COLUMBUS SOUTHERN PO
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	GRAVEL AND SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	422		
St name:	HOLTZMAN	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1843643.53		
Horiz y:	713927.38		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	753		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95928		
Longitude:	-82.9454		
Source of :	Not Reported	Flowing we:	N
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	12.5		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	10		
Total dept:	22		
Date of co:	19920415	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	12		
Screened 1:	22		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000018859		

H73
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000175377**

Well log n:	28424		
Well type :	WATER WELL	U version:	!
End user i:	705		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KROGER CO.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	GRAVEL
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	244		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2532		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1847659.95		
Horiz y:	713193.9		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	790		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.957318		
Longitude:	-82.931061		
Source of :	Digitized	Flowing we:	N
Test rate:	31		
Draw down:	40		
Draw down :	0		
S water le:	32		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	95		
Date of co:	19490910	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	758		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175377		

H74
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000175378**

Well log n:	61953		
Well type :	WATER WELL	U version:	!
End user i:	705		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KROGER BAKING CO.
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	244		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	13		
St dir cod:	E		
St no:	2532		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

Zone code:	S		
Horiz x:	1847659.95		
Horiz y:	713193.9		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	790		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.957318		
Longitude:	-82.931061		
Source of :	Digitized	Flowing we:	N
Test rate:	1		
Draw down:	130		
Draw down :	0		
S water le:	80		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	342		
Date of co:	19500126	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	710		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175378		

I75
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311647**

Well log n:	965849		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1273		
St name:	ROOSEVELT	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848514.13		
Horiz y:	708282.96		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	771		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94385		
Longitude:	-82.927933		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031210	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311647		

G76
South
1/2 - 1 Mile
Lower

OH WELLS **OHD700000021722**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	680978		
Well type :	WATER WELL	U version:	!
End user i:	1223		
Cnty code:	49	Twp code:	668
Orig owner:	J	Orig own 1:	CROSON
Drill type:	CABLE TOOL	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SHALE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2130		
St name:	FRANKLIN	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1844738.63		
Horiz y:	706268.45		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	751		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.93827		
Longitude:	-82.94136		
Source of :	Not Reported	Flowing we:	N
Test rate:	15		
Draw down:	9		
Draw down :	1		
S water le:	11		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	46		
Date of co:	19890223	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000021722		

I77
ESE **OH WELLS** **OHD700000311833**
1/2 - 1 Mile
Higher

Well log n:	965827		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	HADDON/ROOSEVELT	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848451.63		
Horiz y:	708112.05		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	772		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94338		
Longitude:	-82.92815		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031209	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040220	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311833		

I78
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311834**

Well log n:	965828		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DOMESTIC	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	ROOSEVELT/HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848541.61		
Horiz y:	708166.26		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	772		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94353		
Longitude:	-82.92783		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	2		

Screen len:	20		
Total dept:	40		
Date of co:	20031209	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040220	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311834		

I79
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311646**

Well log n:	965850		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1273		
St name:	ROOSEVELT	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848592.27		
Horiz y:	708206.09		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	771		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.94364		
Longitude:	-82.92765		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031210	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311646		

J80
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000086641**

Well log n:	813237		
Well type :	WATER WELL	U version:	#
End user i:	541		
Cnty code:	97	Twp code:	465
Orig owner:	Not Reported	Orig own 1:	RITCHEY CONST INC
Drill type:	CABLE TOOL	Test type :	B
Well use c:	DOMESTIC	Aquifer ty:	LIMESTONE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2615		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	PLAIN CITY	State code:	OH
Zip:	43209		

Zone code:	Not Reported		
Horiz x:	1848309.33		
Horiz y:	712983.16		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	789		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95675		
Longitude:	-82.92874		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	12		
Draw down:	0		
Draw down :	2		
S water le:	20		
S water me:	T	S water 1:	19970528
Cas ht:	0		
Screen len:	0		
Total dept:	171		
Date of co:	19970528	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	1997		
Well seal :	0		
Date added:	19980116	Added by:	CUTLER
Date chang:	19980120	Changed by:	CUTLER
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000086641		

I81
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311832**

Well log n:	965826		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	HADDON/ROOSEVELT	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848661.75		
Horiz y:	708074.62		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	772		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94328		
Longitude:	-82.9274		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20041209	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040220	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311832		

K82
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311648**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	965848		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1241		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848938.35		
Horiz y:	708459.45		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94434		
Longitude:	-82.92642		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	Not Reported	S water 1:	20041219
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031210	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311648		

K83
ESE **OH WELLS** **OHD700000311649**
1/2 - 1 Mile
Higher

Well log n:	965847		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1241		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848938.35		
Horiz y:	708459.45		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94434		
Longitude:	-82.92642		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031211
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031211	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311649		

K84
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311650**

Well log n:	965846		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1239		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1848960.82		
Horiz y:	708466.63		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94436		
Longitude:	-82.92634		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	Not Reported	S water 1:	20031211
Cas ht:	2		

Screen len:	20		
Total dept:	40		
Date of co:	20031211	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311650		

K85
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311651**

Well log n:	965841		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1227		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849126.65		
Horiz y:	708553.28		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.9446		
Longitude:	-82.92575		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031215
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031215	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311651		

K86
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311642**

Well log n:	965840		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DOMESTIC	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1221		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		

Zone code:	S		
Horiz x:	1849157.62		
Horiz y:	708578.63		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94467		
Longitude:	-82.92564		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031215
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031215	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040220	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311642		

K87
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000119419**

Well log n:	965838		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1215		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1849185.76		
Horiz y:	708600.35		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94473		
Longitude:	-82.92554		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031216
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031216	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040224	Added by:	BROWN,CLEVE
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000119419		

K88
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000312119**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	965837		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1211		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849205.45		
Horiz y:	708614.83		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94477		
Longitude:	-82.92547		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	22		
S water me:	G	S water 1:	20031216
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031216	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040224	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000312119		

K89
ESE **OH WELLS** **OHD700000312120**
1/2 - 1 Mile
Higher

Well log n:	965836		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1211		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849205.45		
Horiz y:	708614.83		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94477		
Longitude:	-82.92547		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	15		
S water me:	G	S water 1:	20031216
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031216	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040224	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000312120		

K90
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000312121**

Well log n:	965835		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1205		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849236.4		
Horiz y:	708636.54		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94483		
Longitude:	-82.92536		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	15		
S water me:	G	S water 1:	20031217
Cas ht:	2		

Screen len:	20		
Total dept:	40		
Date of co:	20031217	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040224	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000312121		

J91
NE
1/2 - 1 Mile
Higher

AQUIFLOW **16287**

Site ID:	259922-00
Groundwater Flow:	VARIES
Shallow Water Depth:	5.87
Deep Water Depth:	11.90
Average Water Depth:	Not Reported
Date:	9/1993

K92
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000119306**

Well log n:	965831		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1191		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1849295.53		
Horiz y:	708690.91		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94498		
Longitude:	-82.92515		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	12		
S water me:	G	S water 1:	20031218
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031218	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000119306		

L93
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311644**

Well log n:	965833		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1197		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849270.18		
Horiz y:	708665.53		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94491		
Longitude:	-82.92524		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	13		
S water me:	G	S water 1:	20031218
Cas ht:	2		
Screen len:	20		
Total dept:	42		
Date of co:	20031218	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311644		

L94
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000311645**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	965832		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1197		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849270.18		
Horiz y:	708665.53		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94491		
Longitude:	-82.92524		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	13		
S water me:	G	S water 1:	20031218
Cas ht:	2		
Screen len:	20		
Total dept:	42		
Date of co:	20031218	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000311645		

L95
ESE **OH WELLS** **OHD700000312122**
1/2 - 1 Mile
Higher

Well log n:	965834		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1197		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1849270.18		
Horiz y:	708665.53		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94491		
Longitude:	-82.92524		
Source of :	GLOBAL POSITIONING SYSTEM	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	13		
S water me:	G	S water 1:	20031217
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031217	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040224	Added by:	BROWN,CLEVE
Date chang:	20060815	Changed by:	Not Reported

Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000312122		

J96
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000088064**

Well log n:	857069		
Well type :	WATER WELL	U version:	!
End user i:	1407		
Cnty code:	49	Twp code:	2220
Orig owner:	Not Reported	Orig own 1:	SHELL OIL STATION
Drill type:	AUGER	Test type :	Not Reported
Well use c:	MONITOR	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2656		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1848618.28		
Horiz y:	713105.56		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	790		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95709		
Longitude:	-82.92764		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	10		
Total dept:	21		
Date of co:	19981202	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	19990813	Added by:	CUTLER
Date chang:	19990813	Changed by:	CUTLER
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000088064		

J97
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000089955**

Well log n:	857070		
Well type :	WATER WELL	U version:	!
End user i:	1407		
Cnty code:	49	Twp code:	2220
Orig owner:	Not Reported	Orig own 1:	SHELL OIL STATION
Drill type:	AUGER	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	Not Reported
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2656		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	BEXLEY	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1848618.28		
Horiz y:	713105.56		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	790		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.95709		
Longitude:	-82.92764		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	0		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	25		
Date of co:	19981201	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	19990820	Added by:	BROWN
Date chang:	19990820	Changed by:	BROWN
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000089955		

L98
ESE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000119307**

Well log n:	965829		
Well type :	WATER WELL	U version:	Not Reported
End user i:	956		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	KOKOSING
Drill type:	OTHER	Test type :	Not Reported
Well use c:	DEWATERING WELL	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1181		
St name:	HADDON	St type co:	Not Reported
Sec add:	Not Reported		
Sec add no:	0		
City:	COLUMBUS	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1849340.6		
Horiz y:	708734.41		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	770		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9451		
Longitude:	-82.92499		
Source of :	Not Reported	Flowing we:	Not Reported
Test rate:	0		
Draw down:	0		
Draw down :	0		
S water le:	12		
S water me:	G	S water 1:	20031218
Cas ht:	2		
Screen len:	20		
Total dept:	40		
Date of co:	20031218	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	20040223	Added by:	BROWN,CLEVE
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	.04		
Screened i:	20		
Screened 1:	40		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000119307		

M99
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000175355**

Well log n:	210758		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	WESLEYAN UNIVERSITY
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	228		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1250		
St name:	FAIRWOOD	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1841410.8		
Horiz y:	706962.5		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	758		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.940132		
Longitude:	-82.953244		
Source of :	Digitized	Flowing we:	N
Test rate:	250		
Draw down:	113		
Draw down :	0		
S water le:	80		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	425		
Date of co:	19580726	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	680		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175355		

M100
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD700000175356**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well log n:	210757		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	668
Orig owner:	Not Reported	Orig own 1:	WESLEYAN UNIVERSITY
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1989	Loc area:	Not Reported
Loc no:	228		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1250		
St name:	FAIRWOOD	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	S		
Horiz x:	1841410.8		
Horiz y:	706962.5		
Horiz datu:	NAD27		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	758		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.940132		
Longitude:	-82.953244		
Source of :	Digitized	Flowing we:	N
Test rate:	200		
Draw down:	90		
Draw down :	4		
S water le:	38		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	394		
Date of co:	19580726	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	20060815	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		

Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	722		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000175356		

101
NE
1/2 - 1 Mile
Higher

OH WELLS **OHD700000024915**

Well log n:	339795		
Well type :	WATER WELL	U version:	!
End user i:	1000		
Cnty code:	49	Twp code:	2865
Orig owner:	MARG	Orig own 1:	GORNELL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	E		
St no:	2704		
St name:	MAIN	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1849069.54		
Horiz y:	713088.85		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	789		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95705		
Longitude:	-82.92603		
Source of :	Not Reported	Flowing we:	N
Test rate:	10		
Draw down:	35		
Draw down :	1		
S water le:	32		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	42		
Date of co:	19660722	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported

Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	\\NRAS1\		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024915		

N102
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000024887**

Well log n:	398334		
Well type :	WATER WELL	U version:	!
End user i:	1136		
Cnty code:	49	Twp code:	2220
Orig owner:	ROGER	Orig own 1:	HATCH
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	STONE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1705		
St name:	WALNUT	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1841653.47		
Horiz y:	713980.99		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.9594		
Longitude:	-82.9525		
Source of :	Not Reported	Flowing we:	N
Test rate:	8		
Draw down:	0		
Draw down :	0		
S water le:	4		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		

Screen len:	0		
Total dept:	20		
Date of co:	19700923	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024887		

N103
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000024888**

Well log n:	438408		
Well type :	WATER WELL	U version:	!
End user i:	1136		
Cnty code:	49	Twp code:	2220
Orig owner:	ROGER	Orig own 1:	HATCH
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	STONE
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1705		
St name:	WALNUT	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1841653.47		
Horiz y:	713980.99		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		

Vert acc u:	Not Reported		
Latitude:	39.9594		
Longitude:	-82.9525		
Source of :	Not Reported	Flowing we:	N
Test rate:	4		
Draw down:	0		
Draw down :	0		
S water le:	15		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	77		
Date of co:	19720920	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024888		

N104
NW
1/2 - 1 Mile
Higher

OH WELLS **OHD700000024886**

Well log n:	398335		
Well type :	WATER WELL	U version:	!
End user i:	1136		
Cnty code:	49	Twp code:	2220
Orig owner:	JOE	Orig own 1:	SCHYBOL
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	SAND AND GRAVEL
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1700		
St name:	WALNUT	St type co:	ST
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		

Zone code:	Not Reported		
Horiz x:	1841637.14		
Horiz y:	714079.43		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	760		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.95967		
Longitude:	-82.95256		
Source of :	Not Reported	Flowing we:	N
Test rate:	8		
Draw down:	0		
Draw down :	0		
S water le:	19		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	29		
Date of co:	19701007	Located in:	Not Reported
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024886		

105
West
1/2 - 1 Mile
Higher

OH WELLS **OHD700000024441**

Well log n:	9925222		
Well type :	WATER WELL	U version:	!
End user i:	800		
Cnty code:	49	Twp code:	270
Orig owner:	Not Reported	Orig own 1:	DICKARDS DRUG STORE
Drill type:	Not Reported	Test type :	Not Reported
Well use c:	Not Reported	Aquifer ty:	LIMESTONE
Loc map ye:	1945	Loc area:	Not Reported
Loc no:	128		
Sub name:	Not Reported	Sub map ye:	Not Reported

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	1440		
St name:	LIVINGSTON	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	Not Reported	State code:	OH
Zip:	Not Reported		
Zone code:	Not Reported		
Horiz x:	1839821.14		
Horiz y:	710321.91		
Horiz datu:	Not Reported		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	769		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.94933		
Longitude:	-82.95897		
Source of :	Not Reported	Flowing we:	N
Test rate:	20		
Draw down:	0		
Draw down :	0		
S water le:	45		
S water me:	Not Reported	S water 1:	18991230
Cas ht:	0		
Screen len:	0		
Total dept:	275		
Date of co:	19440505	Located in:	Y
Assoc rpt :	Not Reported		
Depth to b:	0		
Drill year:	Not Reported		
Well seal :	0		
Date added:	18991230	Added by:	Not Reported
Date chang:	18991230	Changed by:	Not Reported
Screen slo:	0		
Screened i:	0		
Screened 1:	0		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	0		
Screen typ:	Not Reported	Screen mat:	Not Reported
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD700000024441		

1G
NE
1/2 - 1 Mile
Lower

Site ID:	259922-00
Groundwater Flow:	VARIES
Shallow Water Depth:	5.87
Deep Water Depth:	11.90
Average Water Depth:	Not Reported
Date:	9/1993

AQUIFLOW **16287**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
2G **WSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2591191-00 S Not Reported 18.04 Not Reported 3/1993	**AQUIFLOW**	**13729**
3G **SE** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2520702-00 SW 9.75 12.25 Not Reported 4/1994	**AQUIFLOW**	**19825**
4G **ESE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	259019 NOT REPORTED 3.32 12.06 Not Reported 10/1996	**AQUIFLOW**	**13410**
5G **SSW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	2522904-02 NOT REPORTED 10.7 FT. 12.85 FT. Not Reported 6/93	**AQUIFLOW**	**17140**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: OH Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Arith Mean	Geo Mean
43209	845	48.7	0.1	6.5	4.03

Federal EPA Radon Zone for FRANKLIN County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 43209

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	9.067 pCi/L	33%	67%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Public Water System Data
Source: Ohio Environmental Protection Agency
Telephone: 614-644-2752
The database includes community, transient noncommunity and nontransient noncommunity water wells; and source treatment unit locations.

Water Well Database
Source: Department of Natural Resources
Telephone: 614-265-6740

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Department of Natural Resources
A listing of oil and gas well locations in the state.

RADON

State Database: OH Radon
Source: Department of Health
Telephone: 614-644-2727
Radon Statistics for Zip Code Areas

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

APPENDIX F
FREEDOM OF INFORMATION ACT LETTERS & RESPONSES

Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:38 PM
To: Nancy.Caldwell@com.state.oh.us
Subject: FOIA Request for Ferndale Place Properties in Bexley
Attachments: Fig 1 Prop Locations Map.pdf

Ms. Caldwell,

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 20S | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Jacqueline T. Williams, Director

February 26, 2018

TO: Nick Vallera

FROM: Nancy Caldwell
Records Management Officer, BUSTR

On Behalf of the Bureau of Underground Storage Tank Regulations, the Records Management Section is responding to your public records request. Thank you for your request. We have searched our data base and found no **release/records** for the address/facility you requested:

921-925 Ferndale Place Bexley OH 43209
941-945 Ferndale Place Bexley OH 43209

Please contact your local fire department in that they may have records for this address/facility. **Also, for future requests, we have an online application at:**

https://apps.com.ohio.gov/fire/otter/?tabid=2

Using this application places you in our public information requests system and allows our staff to track the process of filling requests. Your request, along with all other requests, will be filled in the order they are received.

Please do not hesitate to contact me if I can be of further assistance.

nancy.caldwell@com.ohio.gov

Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:58 PM
To: EnvironmentalReportRequest@columbus.gov
Subject: FOIA Request for Bexley Ferndale Properties
Attachments: Columbus Fire Dept Environmental Public Request.pdf; Fig 1 Prop Locations Map.pdf

Columbus Fire,

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers. Additionally, attached is a copy of the Environmental Research / Request Form.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 205 | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

CITY OF COLUMBUS
COLUMBUS DIVISION OF FIRE
FIRE PREVENTION BUREAU
3639 PARSONS AVENUE, Rm 148
COLUMBUS, OHIO 43207
614-645-7641, EXT. 0
FAX 614-645-6637

ENVIRONMENTAL RESEARCH / REQUEST FORM

Date 2/23/2018

Business Name PANDEY Environmental LLC

Address 4100 Horizons Drive

City Columbus State OH Zip 43220

Phone Number (614) 444-8078 Fax ( )

Contact Person Nick Vallera

Address(es) 921 - 925 & 941 - 945 Ferndale Place, Bexley, OH 43209

Type of information Requested:

Outstanding Fire Code Violations	X	Fire Dept. Responses for spills, etc.	X
Underground Tanks	X	Any permits issued for said address(es)	X

The information is available under the Freedom of Information Act, however, there is still a charge of **$5.00 per address, per business to process multiple address request only! No** charge for single address request.
(This includes multiple businesses at shopping centers, malls, apartment complexes, etc.)

Make check Payable To: COLUMBUS CITY TREASURER/FIRE

(This section to be completed by Columbus Division of Fire Personnel Only)

Completed by _____ I.D. Number _____ Check Received _____

Dated Mailed _____ (or) Date picked up _____ (or) Faxed _____

The information requested will be mailed to you, faxed, or available for pickup once **we have received payment in our office**. You may fax over this request with a copy of the check to get the process started and mail in the original at the address at the top of this page. Call 614-645-7641, ext. 0 if you have any questions.

Fire Prevention Bureau
3639 Parsons Ave., Room 148
Columbus, OH 43207
Phone: (614) 645-7641
Fax: (614) 645-6637

Email: Environmentalreportrequest@columbus.gov
Website: www.columbus.gov/public-safety/fire

Date **March 2, 2018**

To**: Nick Vallera**	From: **Ms. Bert**
Company: Pandey	**Fire Prevention Bureau**
Fax #: ()	Fax # (614) 645-6637
No. of Pages (Including cover sheet)	Phone # (614) 645-7641 EXT - 0

Environmental Research Response Request

Site Location or Address

1.	**921-925 Ferndale Place****
2.	**941-945 Ferndale Place****

Check #		**Payable to: Columbus City Treasurer/Fire**

Information Requested:

X	Spills and / or Hazardous Responses
X	Underground / Aboveground Storage Tank Information
******	Outstanding Fire Code Violations/Permits
	Other – Tank information will be submitted by Tank Officer

Findings:

	No File on Record. – Address is not in our system.
X	File Contains **NO** Occurrences of Requested Information.
XX	Contact City of Bexley – New multi address processing procedure
	Unable to Research/No Mailing Address/No Fees Paid
	See attached report for spill, not other fires/incidents
	NO VIOLATIONS AS OF LAST INSPECTION

Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:35 PM
To: 'ehrecords@columbus.gov'
Subject: FOIA Request for Bexley Ferndale Properties
Attachments: Fig 1 Prop Locations Map.pdf

Columbus Public Health Department,

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 205 | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

Nick Vallera

From: EHRECORDS <EHRECORDS@columbus.gov>
Sent: Monday, February 26, 2018 12:51 PM
To: Nick Vallera
Subject: RE: FOIA Request for Bexley 921-925 and 941-945 Ferndale Properties

Mr. Vallera,

Files at the Columbus Public Health Environmental Health Division were searched for records of hazardous materials complaints, current SARA Title III information, licenses/permits associated under our authority, and any general outstanding environmental complaints or balances for the following location(s):

921-925 Ferndale Place
941-945 Ferndale Place

No records were found on file for the properties.

Thank you and let me know if I can help you any further.

NOTICE: Please send any future requests to ehrecords@columbus.gov. To better serve you, this will now be your primary contact location for environmental health records. Thank you.

ENVIRONMENTAL HEALTH RECORDS
DIVISION OF ENVIRONMENTAL HEALTH
WATER AND LAND PROTECTION
ehrecords@columbus.gov

THE CITY OF COLUMBUS
ANDREW J. GINTHER, MAYOR
COLUMBUS PUBLIC HEALTH

COLUMBUS PUBLIC HEALTH
240 Parsons Ave, Columbus, OH 43215
www.publichealth.columbus.gov
Facebook / Twitter / YouTube

Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:37 PM
To: 'fcemhs@franklincountyohio.gov'
Subject: FOIA Request for Ferndale Place Properties in Bexley
Attachments: Fig 1 Prop Locations Map.pdf

Mr. Pannell,

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 205 | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

Nick Vallera

From: Williams, Christopher M. <chriswilliams@franklincountyohio.gov>
Sent: Monday, February 26, 2018 4:22 PM
To: Nick Vallera
Subject: FOIA

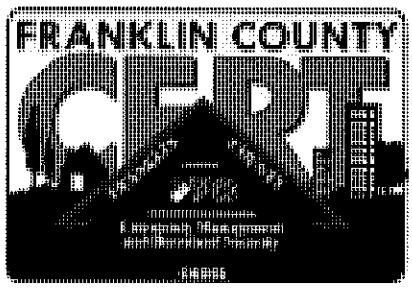
Good afternoon,

We could find nothing for Ferndale Place, Bexley, OH 43209 between 921-925 and from 941-945.

Respectfully,

Christopher M. Williams
Operations / Resource and Recovery Manager
ESF-7 Coordinator: Logistics Management and Resource Support
Franklin County Citizen Corps Program Manager
Franklin County Community Emergency Response Team (CERT) Program Manager

Franklin County Emergency Management and Homeland Security
5300 Strawberry Farms Blvd
Columbus, Ohio 43230-1049
Office: 614-794-0213
Desk: 614-724-0801
Fax: 614-882-3209
www.fcemhs.org
Citizen Preparedness



Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:40 PM
To: 'oilandgas@dnr.state.oh.us'
Subject: FOIA Request for Ferndale Place Properties in Bexley
Attachments: Fig 1 Prop Locations Map.pdf

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- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

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Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 205 | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

Nick Vallera

From: oilandgas@dnr.state.oh.us
Sent: Friday, February 23, 2018 2:55 PM
To: Nick Vallera
Subject: RE: FOIA Request for Ferndale Place Properties in Bexley
Attachments: 941 - 945 Ferndale Place Bexley OH.png; 921 - 925 Ferndale Place Bexley OH.png

Good afternoon Mr. Vallera,

Thank you for the email and for reaching out to the Division of Oil and Gas Resources Management. Attached to this email please find two screenshots from the Oil and Gas Well Locator that shows the below addresses. From the Oil and Gas Well Locator it does not appear that there are any known active wells on or near the property.

Please let me know if you have any questions.

Thank you,
Adam Schroeder
Ohio Department of Natural Resources
Division of Oil & Gas Resources Management
614-265-6937
http://oilandgas.ohiodnr.gov/

From: Nick Vallera [mailto:nvallera@pandeyenvironmental.com]
Sent: Friday, February 23, 2018 1:41 PM
To: DNR oilandgas <oilandgas@dnr.state.oh.us>
Subject: FOIA Request for Ferndale Place Properties in Bexley

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

Nick Vallera

From: Nick Vallera
Sent: Friday, February 23, 2018 1:53 PM
To: Rich Bouder (richard.bouder@epa.ohio.gov)
Subject: FOIA Request for Ferndale Place Properties
Attachments: Fig 1 Prop Locations Map.pdf; OEPA Checklist Form.pdf

Mr. Bouder,

We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following:

- 921 – 925 Ferndale Place, Bexley, OH 43209
- 941 – 945 Ferndale Place, Bexley, OH 43209

I have attached a map showing the property location, and showing the associated parcel numbers. Additionally, attached is a copy of the OEPA File Review Checklist Form.

We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred.

We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

4100 Horizons Drive, Suite 205 | Columbus, OH 43220
(614) 444-8078 x211
nvallera@pandeyenvironmental.com | pandeyenvironmental.com

File Review Request Checklist

Please Note: Pursuant to Ohio Revised Code 149.43(B)(5), you are not required to fill out this checklist or otherwise provide any public records request in writing. This checklist is intended to help facilitate your public records search by listing the manner in which records are generally maintained by Ohio EPA and accessed in the ordinary course of Ohio EPA's duties.

YOUR CONTACT INFORMATION:

Requester Name: Nick Vallera **Affiliation:** PANDEY Environmental, LLC
Requester Address: 4100 Horizons Drive; Suite 205
City: Columbuss **State:** Ohio **Zip:** 43220
Requester Phone #: 614-444-8078 x.211
Requester Email: nvallera@pandeyenvironmental.com

1. RECORDS REQUESTED:

Please list all names the facility may have operated under during the period of interest.

Facility or Site Names and Address:

Name	Address	City	County
Ferndale Property Click here to enter text.	**921 - 925 & 941 - 945 Ferndale Place**	Bexley	**Franklin**
Click here to enter text.	Click here to enter text.		Click here to enter text.
			Click here to enter text.
Click here to enter text.	Click here to enter text.		Click here to enter text.

Facility ID No. or other identifying information: Parcel #s: 020-004517 & 020-004514

2. DATE RANGE **From:** _____ **To:** _____

3. DIVISIONS AND MAJOR PROGRAM AREAS:

Division of Air Pollution Control (DAPC):
- ☐ Stack Tests
- ☐ Asbestos Emission Controls
- ☐ Air Permits
- ☐ Open Burning Regulation
- ☐ Ambient Air Monitoring

Division of Surface Water (DSW):
- ☐ Nonpoint Source
- ☐ NPDES/Pretreatment
- ☐ Storm Water
- ☐ Surface Water Permits to Install
- ☐ Sludge Management

☐ Mobile Sources/Asphalt Plants
☐ Toxic Release Inventory
☐ Air Nuisance
☐ Water Quality Reports/Watershed
☐ Wetland and Stream Permitting (401)

Division of Environmental Response and Revitalization (DERR):

☒ Emergency Response Incident Reports
☒ RCRA Corrective Action Files
☒ RCRA Groundwater Files
☒ RCRA Closure Files
☒ Voluntary Action Program (VAP) Files
☒ Site Assessments

Division of Drinking and Ground Waters (DDAGW):

☐ Monthly Operating Reports (MORs)
☐ Lead and Copper Files
☐ Plan approvals, well logs, etc.
☐ Ground Water Quality Characterization
☐ Underground Injection Control files

Division of Materials and Waste Management (DMWM):

Solid Waste Section:

☐ Construction and Demolition Debris (C&DD)
☐ Scrap Tires
☐ Composting
☐ Open Dumping
☐ Infectious Waste
☐ Municipal Solid Waste Landfills/Incinerators
☐ Municipal Solid Waste Transfer Stations
☐ Residual/Industrial Solid Waste Landfills
☐ Solid Waste Management Planning
☐ Beneficial Use

Hazardous Waste Section:

☐ Cessation of Regulated Operations
☐ RCRA C-Hazardous Waste

☐ **Division of Environmental and Financial Assistance**

4. <u>COMMON PUBLIC DOCUMENT TYPES</u>

☐ Final Permits/Licenses/Authorizations
☐ Inspection Reports/Checklists
☐ Director's Final Findings and Orders
X District Office Investigation Reports
☐ Financial Assurance Documents
☐ Water Plant Operator Certifications
☐ Settlement Correspondence
☐ Attorney General Office Referral Letters
☐ Total Maximum Daily Load Reports
☐ Notices of Violation
X Emergency Response Incident Reports
☐ Discharge Monitoring Reports (DMRs)
☐ Public Notice/Public Hearing Transcript
☐ Wastewater Operator Certifications
☐ Return to Compliance Letters
☐ Bilateral Compliance Agreements
X Environmental Covenants
☐ Email Communications (if checked, please complete Section 5 below)

5. <u>EMAILS (Please list the following information)</u>

Sender(s): Click here to enter text. Date Range: Click here to enter text.

Recipient(s): Click here to enter text.

Program/Subject Matter: Click here to enter text.

Nick Vallera

From: richard.bouder@epa.ohio.gov
Sent: Monday, March 05, 2018 3:00 PM
To: Nick Vallera
Subject: RE: FOIA Request for Ferndale Place Properties
Attachments: BEXLEY ATHLETIC FIELDS - Inspection or Compliance Review - 7-6-2016 - MUNICIPAL SOLID WASTE LANDFILLS - FRANKLIN - MSWL021301 - 459852.pdf

Hi Nick,

I am writing to inform you that we do not have any records here in the Division of Environmental Response and Revitalization (DERR) here in the Central Office of Ohio EPA in response to your public records request below. Although not requested, I did find one document from the Municipal Solid Waste Landfills Program in our eDocument management system that I've attached for your use.

Records housed in our offices have been searched under the descriptions of the properties that you have provided. If you believe there are records relating to these properties under different names, please contact us and we will conduct a new search.

Please don't hesitate to contact me should you need any additional information.

Thank you,

Richard Bouder
Public Records Manager
Ohio Environmental Protection Agency
Office of the Director
Lazarus Government Center
P.O. Box 1049
Columbus, Ohio 43216-1049
(614) 644-2782
richard.bouder@epa.ohio.gov

From: Zarlino, Laura
Sent: Monday, February 26, 2018 2:13 PM
To: nvallera@pandeyenvironmental.com
Cc: Bouder, Richard <richard.bouder@epa.ohio.gov>; Zarlino, Laura <Laura.Zarlino@epa.ohio.gov>
Subject: FW: FOIA Request for Ferndale Place Properties

Dear Vallera,

I am in receipt of your attached request for records and have forwarded this for processing here in Central Office. I will contact you as soon as I receive any information in response to your request.

Thank you,

Laura Zarlino, CP
Certified Paralegal

Bexley Recreation
& Parks

June 29, 2016

Dear OEPA,

Please accept this letter and support material as a formal request to obtain an authorization from the director for a site project that is identified in paragraph (D)(2) of Chapter 3745-27-13 of the Revised Code.

The City of Bexley is working to develop new athletic field space on an old landfill for residential waste only and that close before 1950. We believe this project can and will be developed in a manner that will comply with the requirements of Chapter 3734 of the Revised Code and will not create a nuisance or adversely affect the public safety or health or the environment.

Attached in this packet is the documentation required under (F) of Chapter 3734. Please contact me at mprice@bexley.org or at 614.559.4300 with any questions that you have regarding this application.

Sincerely,

Michael Price
Bexley Recreation and Parks Director

Mayor
Ben Kessler

Recreation Director
Michael Price

Recreation & Parks
City of Bexley Ohio
165 N. Parkview Avenue
Bexley, Ohio 43209

614.559.4300

www.bexley.org/recreation

3745-27-13 – (F)

(1) – An unlicensed/unpermitted solid waste landfill that ceased acceptance of waste prior to July 29, 1976.

(2) – 925 Ferndale Pl, Bexley, Ohio 43209

(3) – Franklin County

(4) – Michael Price, Recreation and Parks Director, 165 N. Parkview Avenue, 614.559.4300

(5) – The project is approximately 134,000 square feet or just over 3 acres.

(6) – Based on a phase 1 study, the site appeared to be active from 1938 – 1950 and possibly earlier. The site was for residential waste only.

(7) – The activity proposed at the site is the development of athletic fields and park space. The site will include an athletic filed 210' x 324'. The site will also include a parking lot 190' x 70' trails, and a playground. The development of the site will not include digging into waste. Additionally, it is our intent to import additional soil to the site. Currently there is a community garden on site. Activities will include youth/adult sports such as soccer, field hockey and lacrosse.

(8) –Any zoning ordinances that apply and require commission review of any proposed improvements and riparian protections along alum creek will be followed.

(9) – 1. Air Emissions – Dust control will be limited by reducing equipment speeds and keeping soils moist by water if necessary. 2. Control of Leachate – The landfill does not have a known leachate collection system. Leachate is not expected to be encountered. 3. Control of Surface Water Run-on and Run-off – The flat topography will reduce surface water run-on/run-off. If necessary, silt fencing will be added around the perimeter to eliminate sedimentation run-off. 4. Control of Gas Migration – There is no indication of gas present at the site. We will test for gas migration and manage accordingly. Protection of Groundwater – The groundwater will not be impacted for this project.

(10) – See Attached letter from City of Bexley Mayor, Ben Kessler.

(11) – Requirements contained in paragraphs (H)(2) to (H)(6) of Chapter 3745-27-13 will be followed through the course of this project.

City of Bexley

June 29, 2016

To Whom It May Concern:

The City of Bexley owns the property located to the north of Ferndale and Mayfield Pl. in Bexley Ohio, also identified as 925 Ferndale Pl, Bexley, Ohio 43209. Our Recreation and Parks Department has plans to develop this land into athletic fields.

The City of Bexley acknowledges the plans for development and the effort to obtain authorization from the Ohio EPA director for this site identified under paragraph (D)(2) of Chapter 3745-27-13.

Sincerely,

Ben Kessler
Mayor, City of Bexley

City of Bexley Ohio
2242 East Main Street
Bexley, Ohio 43209

614.559.4200

www.bexley.org

Bexley Athletic Fields

at Bexley Community Gardens

Legend:

- crushed limestone base
- concrete multi-use path
- asphalt multi-use path
- playground mulch
- screened portable toilets
- safety call box
- trash receptacle
- parking lot lighting
- bike racks
- wayfinding signage

Bexley Recreation & Parks

Nick Vallera

From: richard.bouder@epa.ohio.gov
Sent: Friday, March 09, 2018 9:44 AM
To: Nick Vallera
Subject: RE: FOIA Request for Ferndale Place Properties
Attachments: SCDO-BIZHUB18030808590.pdf

Hi Nick,

Attached is the file DMWM in Central District Office had. DMWM in Central Office did not have any records.

Please let me know if you need any other information.

Thank you,
Rich

From: Bouder, Richard
Sent: Tuesday, March 6, 2018 2:32 PM
To: 'Nick Vallera' <nvallera@pandeyenvironmental.com>
Subject: RE: FOIA Request for Ferndale Place Properties

Hi Nick,

I'm looking into it, I'll let you know what I find out.

Thank you,
Rich

From: Nick Vallera [mailto:nvallera@pandeyenvironmental.com]
Sent: Tuesday, March 6, 2018 1:49 PM
To: Bouder, Richard <richard.bouder@epa.ohio.gov>
Subject: RE: FOIA Request for Ferndale Place Properties

Rich,
After seeing this response, we have reason to believe there may be additional files on record with the Division of Materials and Waste Management (DMWM) for the Bexley Athletic Fields site described in the document you provided me. Can you perform a search or let me know who I should contact so I can request a search, of all and any documents DMWM may have on file for the Bexley Athletic Fields site? I am mainly curious if the City of Bexley obtained a permit from the Ohio EPA after sending those letters/responses.

Let me know if you have any questions about this request. Thanks,

Nick Vallera
Environmental Scientist

PANDEY
ENVIRONMENTAL, LLC

Site Visit

Date: 2/15/18 **Time**: 11:00 – 11:30 **Conditions**: Cloudy 40 degrees
Site: Bexley Landfill
County: Franklin

Personnel: OEPA: Allan Hurtt and Phil Farnlacher – DMWM-CDO

Purpose of Inspection: See if there had been any activity at this site since Bexley submitted a Rule 13 back in 2016.

Findings: The site had been cleared off and it looks like at least 2 feet of soil had been brought in and placed on top of what we believe to be the old landfill. It appears that some type of drainage line (but just a 4 inch line judging by the outfall to Alum Creek) had been run along the southern edge of the site (see second photo below).

Prepared By: Phil Farnlacher, DMWM-CDO

Hurtt, Allan

From: Mike Price <mprice@bexley.org>
Sent: Thursday, July 07, 2016 8:23 AM
To: Hurtt, Allan
Subject: Re: OAC Rule 13

Allan,

Thanks again for all your assistance. Greatly appreciated!

Michael Price
Recreation and Parks Director
Bexley Recreation Department
W: 614.559.4300
F: 614.559.4301

On Wed, Jul 6, 2016 at 5:08 PM, allan.hurtt@epa.ohio.gov <allan.hurtt@epa.ohio.gov> wrote:

Mike, I received the original copy of your request. OEPA does not have any additional comment for this site. Please note if you decide to do something different please call me. If you have any question let me know.

Allan Hurtt

District Engineer

Div. of Materials & Waste Management

Central District Office

(614) 728-3889

50 W. Town St.

Columbus, Ohio 43215

Bexley Recreation
& Parks

June 29, 2016

Dear OEPA,

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Bexley Recreation and Parks Director

Mayor
Ben Kessler

Recreation Director
Michael Price

Recreation & Parks
City of Bexley Ohio
165 N. Parkview Avenue
Bexley, Ohio 43209

614.559.4300

www.bexley.org/recreation

3745-27-13 – (F)

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(9) – 1. Air Emissions – Dust control will be limited by reducing equipment speeds and keeping soils moist by water if necessary. 2. Control of Leachate – The landfill does not have a known leachate collection system. Leachate is not expected to be encountered. 3. Control of Surface Water Run-on and Run-off – The flat topography will reduce surface water run-on/run-off. If necessary, silt fencing will be added around the perimeter to eliminate sedimentation run-off. 4. Control of Gas Migration – There is no indication of gas present at the site. We will test for gas migration and manage accordingly. Protection of Groundwater – The groundwater will not be impacted for this project.

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City of Bexley

June 29, 2016

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Sincerely,

Ben Kessler
Mayor, City of Bexley

City of Bexley Ohio
2242 East Main Street
Bexley, Ohio 43209

614.559.4200

www.bexley.org

Bexley Athletic Fields

at Bexley Community Gardens

Legend:

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- concrete multi-use path
- asphalt multi-use path
- playground mulch
- screened portable toilets
- safety call box
- trash receptacle
- parking lot lighting
- bike racks
- wayfinding signage

Bexley Recreation & Parks

FIELD ACTIVITY REPORT

DATE: 12/22/15 **TIME:12:30pm** **WEATHER:** Pt Cloudy - 58
COUNTY: Franklin
SITE: Bexley Recreational Complex – Site of Former Landfill
LOCATION: East Side of Alum Creek – Between Charles Street (on the north) & Mayfield Place (where it ends going north off of Livingston Avenue)
PERSONNEL: Ohio EPA: Phil Farnlacher & Allan Hurtt, DMWM-CDO

PURPOSE: The City of Bexley is considering constructing athletic fields (soccer) on top of a very old landfill that they think closed around 1950. We wanted to do some methane gas testing at the site to try and determine if we needed to be concerned about landfill gas migration. In order to do this, we choose 5 locations in which we assumed that we were over emplaced waste, and we drove a plunger bar 3' deep into the ground and then sampled the air in the shallow subsurface. See the attached map for the approximate locations.

FINDINGS:

- No methane gas was detected at any of the five locations.
- Based upon this sampling, it does not appear that any methane gas is being produced at this old landfill.

RECOMMENDATIONS: Since it does not appear that any methane gas is being produced by this old landfill, then no methane gas migration issues should be encountered if work is done to increase the thickness of the soil cover.

Prepared by: Phil Farnlacher
Date: 12/22/15

PB1 -	0.0 CH_4	12:40	3' Deep
PB2 -	0.0 CH_4	12:43	3' Deep
PB3 -	0.0 CH_4	12:48	3' Deep
PB4 -	0.0 CH_4	12:52	3' Deep
PB5 -	0.0 CH_4	12:55	3' Deep

Site:	Bexley Athletic Fields
Date of visit:	December 2, 2015
Personnel:	Allan Hurtt, OEPA and Mike Price, Bexley Recreation and Parks
Purpose of visit:	To discuss development on the City of Bexley property east of Alum Creek and south of Charles street.

Mr. Price and I discussed the City of Bexley's idea to develop an athletic field over a closed unlicensed landfill per OAC Rule 3745-27-13(D)2. The property is approximately 4 acres and is flat with some mature trees. Their intentions are to remove the vegetation and add necessary soil to grade the site to make two soccer fields and a parking lot.

From our discussion, no structures are intended to be built. Security lights are intended to be placed on the landfill but I am not sure if they will be on areas of waste.

The city would like to begin construction in the spring of 2016. I let Mr. Price know how to submit the necessary documents to our office and for him to contact me if he has questions.

Prepared by:

Allan Hurtt

Hurtt, Allan

From: Hurtt, Allan
Sent: Monday, December 14, 2015 11:29 AM
To: 'Mike Price'
Subject: RE: DRAFT - Rule 13 Authorization for Site (D)(2)

Thanks Mike, You have a great start.

These are good example answers for the project based on what I know. You can

Institutional Controls are things like gas extraction systems or leachate pumps. – You do not have them and I do not recommend them at this point. I would recommend stating that you are not planning on installing anything for this project. Please note that if the City decides to propose something different later like buildings or make deep cuts in the grading; methane gas controls could be warranted.

(F)(9) break down the handful of items the section asks to address. You can probable use something just like this: 1 Air Emissions – dust control will be limited by reducing equipment speeds and keeping the soil moist by watering if necessary. 2 Control of Leachate – the landfill does not have a known leachate collection system. Leachate is not expected to be encountered 3.Control of surface water Run-on and Run-off, the flat topography will reduce surface water run-on/run-off. If necessary silt fencing will be added around the perimeter to eliminate sedimentation run-off.* 4. Control of Gas Migration, we can go over this further. I do not think this should be a problem about landfill gas going off site. 5. Protection of Groundwater, the groundwater will not be impacted for this project.

What we need from you, a basic grading plan with the elevations on and before construction. Your contractor/surveyor will have something. We just need a copy.

- Any time more than one acre of land is disturber for construction, sedimentation controls are used. A Notice of Intent (NOI) that includes A surface water permit is needed for surface water pollution prevention plan (SWPPP) – Your contractor should do this.

Let me know how things are coming or if you need anything else.

Allan Hurtt
District Engineer
(614) 728-3889
50 W. Town St.
Columbus, Ohio 43215

From: Mike Price [mailto:mprice@bexley.org]
Sent: Tuesday, December 08, 2015 1:23 PM
To: Hurtt, Allan
Subject: DRAFT - Rule 13 Authorization for Site (D)(2)

Allan,

Thanks again for meeting with me last week regarding our efforts to develop athletic fields at the formal landfill site at Ferndale/Mayfield Pl. in Bexley, Ohio.

There were a few specific questions I had about the application requirements/questions:

(F)(8) - I put some information in about institutional control, but I'm not sure if this is what you are looking for.

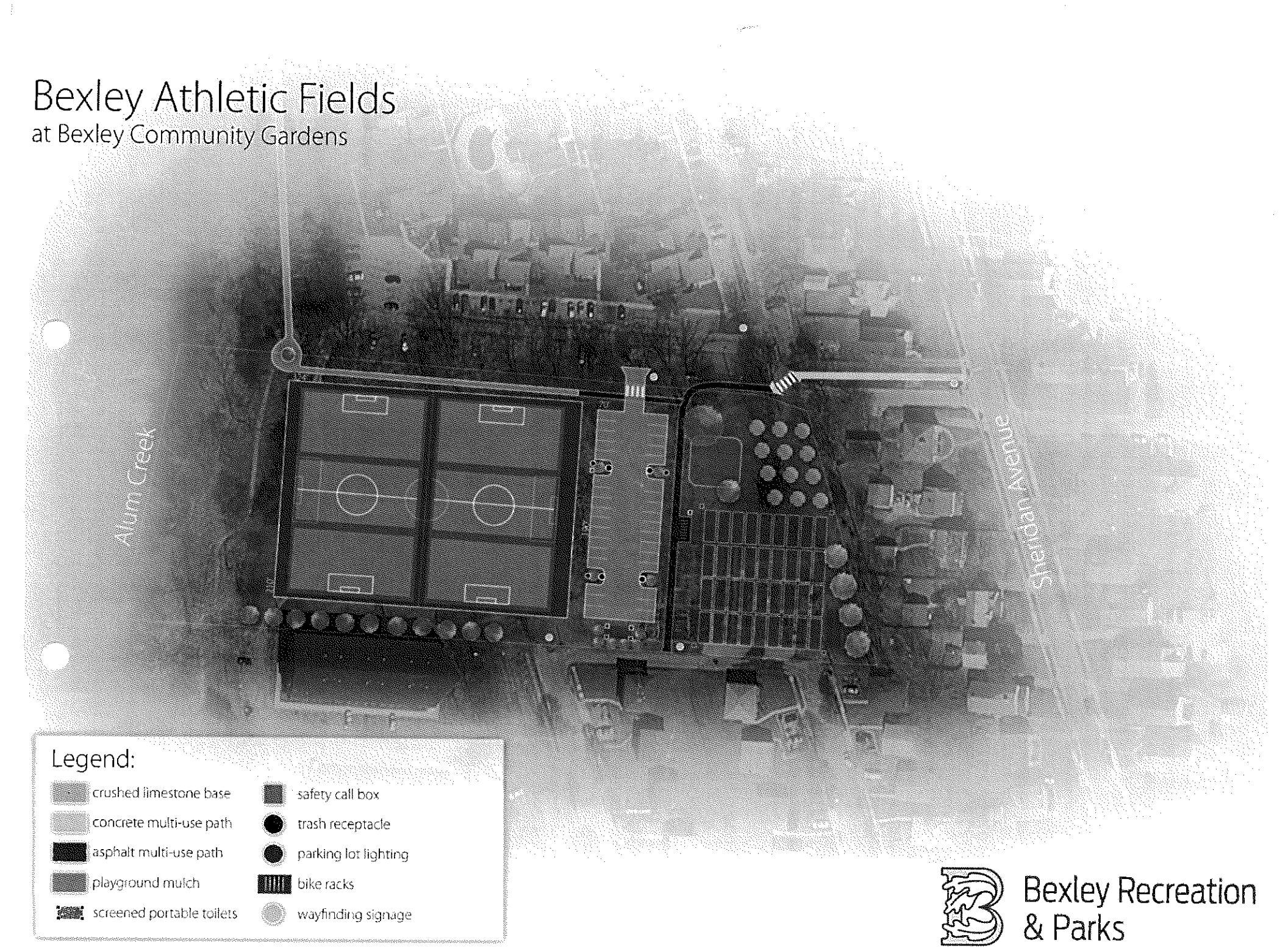
(F)(9) - Not sure what we need to include for this section. Thoughts?

Per our discussion, attached is our rough draft application for authorization. If you can review and provide any feedback on the application before we officially submit, that would be greatly appreciated.

Thanks for your help!
Michael Price
Recreation and Parks Director
Bexley Recreation Department
W: 614.559.4300
F: 614.559.4301

Bexley Athletic Fields

at Bexley Community Gardens



Legend:

- crushed limestone base
- concrete multi-use path
- asphalt multi-use path
- playground mulch
- screened portable toilets
- safety call box
- trash receptacle
- parking lot lighting
- bike racks
- wayfinding signage

Bexley Recreation & Parks

Nick Vallera

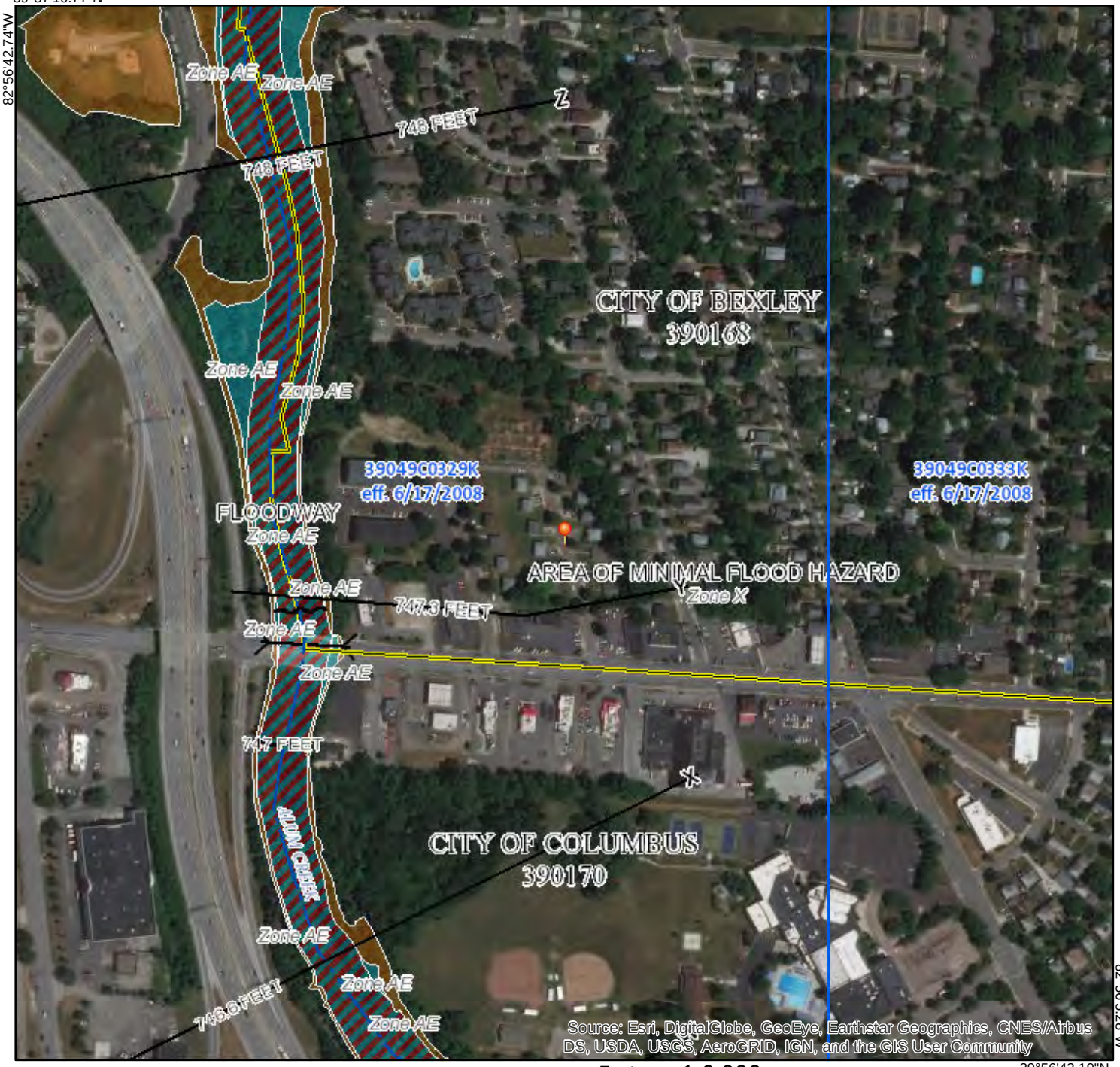
From: r5foia@epa.gov
Sent: Friday, February 23, 2018 2:26 PM
To: Nick Vallera
Subject: FOIA Request EPA-R5-2018-004795 Submitted

This message is to confirm your request submission to the FOIAonline application: View Request. Request information is as follows:

- Tracking Number: EPA-R5-2018-004795
- Requester Name: Nick Vallera
- Date Submitted: 02/23/2018
- Request Status: Submitted
- Description: EPA Region 5 Office, We are performing an environmental assessment at two (2) properties located along Ferndale Place in Bexley, OH. The properties include the following: • 921 – 925 Ferndale Place, Bexley, OH 43209 • 941 – 945 Ferndale Place, Bexley, OH 43209 I have attached a map showing the property location, and showing the associated parcel numbers. We are reviewing regulatory databases as part of this assessment, focusing on potential releases of hazardous substances and/or petroleum, permits issued, or emergency responses. We are requesting a search of relevant files under you supervision, to determine if potential releases/issues have or may have occurred. We understand that you may charge a nominal fee for recovery of this information, and agree to pay these charges provided that services are completed within 21 days and costs do not exceed $20. Please call me at 614-444-8078 x. 211 or email nvallera@pandeyenvironmental.com with any questions or comments. Thank you, Nick Vallera

APPENDIX G
FLOOD INSURANCE RATE MAP

National Flood Hazard Layer FIRMette



0 250 500 1,000 1,500 2,000 Feet

1:6,000

FEMA

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth
- Regulatory Floodway *Zone AE, AO, AH, VE, AR*

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards

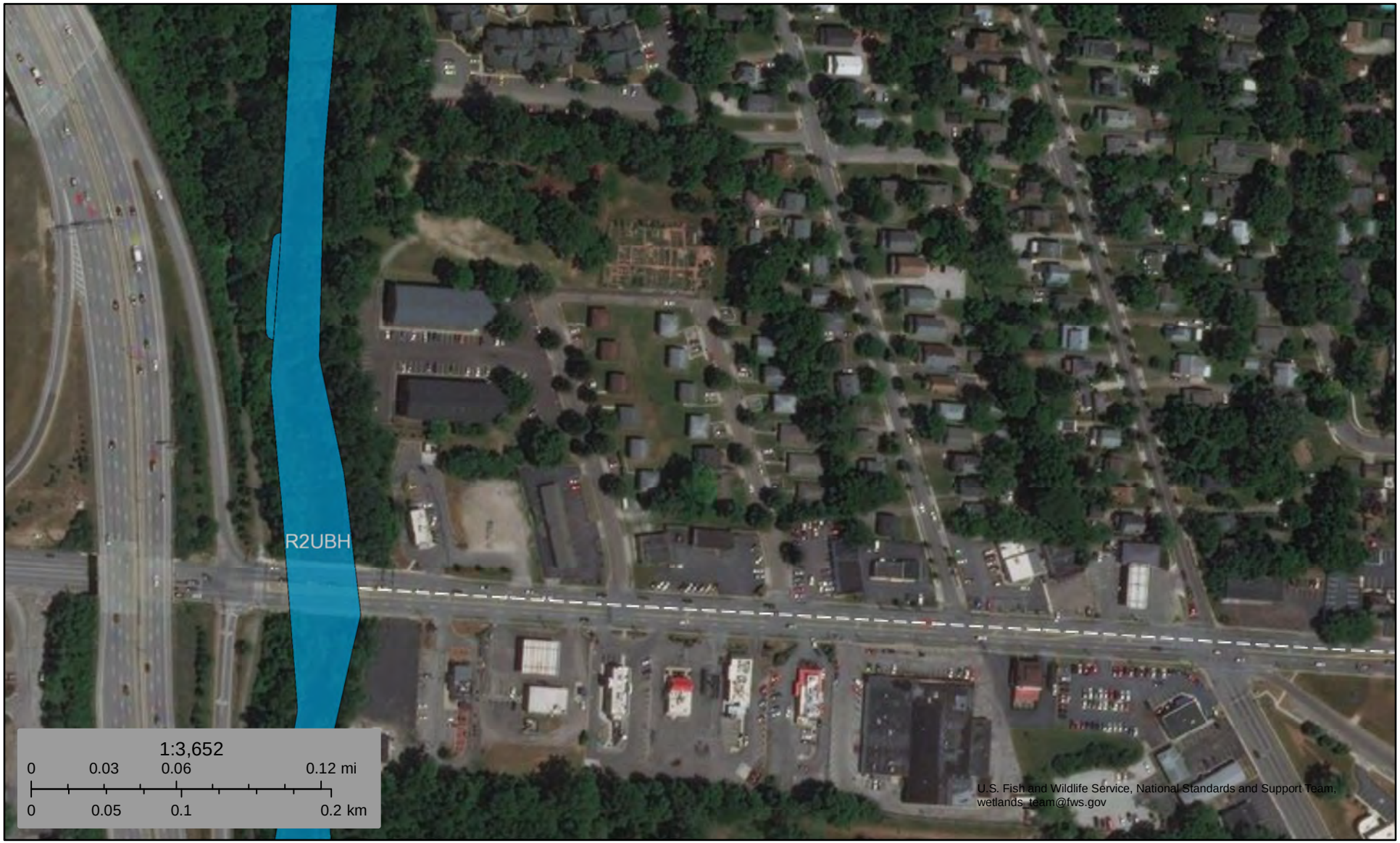
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/1/2018 at 1:03:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: base map imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

APPENDIX H
NATIONAL WETLAND INVENTORY MAP

U.S. Fish and Wildlife Service
National Wetlands Inventory

National Wetlands Inventory Map



March 1, 2018

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX I
SOIL SURVEY REPORT

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Franklin County, Ohio

February 28, 2018

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map

Map Scale: 1:412 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 5 10 20 30

Feet: 0 20 40 80 120

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Franklin County, Ohio
Survey Area Data: Version 15, Oct 5, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 4, 2014—Aug 27, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BfB	Bennington-Urban land complex, 0 to 6 percent slopes	0.1	20.1%
CbC	Cardington-Urban land complex, 6 to 12 percent slopes	0.4	79.9%
Totals for Area of Interest		**0.5**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The

delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Franklin County, Ohio

BfB—Bennington-Urban land complex, 0 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2t6ml
Elevation: 800 to 1,120 feet
Mean annual precipitation: 34 to 42 inches
Mean annual air temperature: 48 to 54 degrees F
Frost-free period: 145 to 180 days
Farmland classification: Not prime farmland

Map Unit Composition

Bennington and similar soils: 50 percent
Urban land: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bennington

Setting

Landform: End moraines, ground moraines
Landform position (two-dimensional): Footslope, backslope, summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Concave, linear
Across-slope shape: Linear
Parent material: Wisconsin loamy till derived from sandstone and shale

Typical profile

A - 0 to 9 inches: silt loam
Bt - 9 to 29 inches: silty clay loam
BCt - 29 to 40 inches: silty clay loam
C - 40 to 79 inches: clay loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 6 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 22 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C/D
Hydric soil rating: No

Description of Urban Land

Setting

Landform: Till plains

Minor Components

Aeric epiaquents, till substratum

Percent of map unit: 9 percent
Landform: Moraines
Landform position (two-dimensional): Backslope, footslope
Landform position (three-dimensional): Interfluve
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: No

Typic endoaquents, till substratum

Percent of map unit: 6 percent
Landform: Moraines
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: Yes

CbC—Cardington-Urban land complex, 6 to 12 percent slopes

Map Unit Setting

National map unit symbol: 5mpj
Elevation: 800 to 1,200 feet
Mean annual precipitation: 31 to 45 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 145 to 180 days
Farmland classification: Not prime farmland

Map Unit Composition

Cardington and similar soils: 45 percent
Urban land: 30 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cardington

Setting

Landform: End moraines, ground moraines
Landform position (two-dimensional): Summit, shoulder, backslope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy till

Typical profile

H1 - 0 to 6 inches: silt loam
H2 - 6 to 34 inches: silty clay loam
H3 - 34 to 70 inches: clay loam

Properties and qualities

Slope: 6 to 12 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 24 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 20 percent
Available water storage in profile: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Hydrologic Soil Group: C
Other vegetative classification: Unnamed (G111AYA-6OH)
Hydric soil rating: No

Minor Components

Areas altered by cutting and filling

Percent of map unit: 10 percent

Pewamo

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

Bennington

Percent of map unit: 5 percent
Landform: Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines
Landform position (two-dimensional): Summit, shoulder
Down-slope shape: Linear
Across-slope shape: Linear

Slopes of 12 to 18 percent

Percent of map unit: 5 percent

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APPENDIX J
GROUNDWATER RESOURCES MAP OF FRANKLIN COUNTY

Ground Water Resources of FRANKLIN COUNTY

by
James J. Schmidt

1 0 1 2 Miles

1 0 1 2 Kilometers

CONTOUR INTERVAL 10 FEET

Well Yields

AREAS IN WHICH YIELDS OF 500 TO 1000 OR MORE GALLONS PER MINUTE MAY BE DEVELOPED.

Areas having greatest potential for development of municipal and industrial ground water supplies. Extensive test drilling necessary to locate relatively thick, permeable deposits at depths ranging from 60 to 115 feet. Yields in excess of 1000 gallons per minute developed from large diameter wells.

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED.

Limestone–dolomite bedrock is the principal source of supply in the western third of the county. Yields of as much as 250 gallons per minute are developed at depths of less than 300 feet, with greater yields but usually poorer quality at depths of more than 400 feet. Domestic and small industrial supplies of 15 to 25 gallons per minute are available at depths of 65 to 175 feet. Overlying glacial deposits of sand and gravel may yield as much as 20 gallons per minute at depths of about 90 feet.

Regionally extensive, thick, permeable deposits of sand and gravel may yield as much as 500 gallons per minute to large diameter screened wells. Extensive test drilling is recommended to locate coarse deposits at depths of 30 to 200 feet. Bedrock is non-water-bearing shale.

Ground water is obtained from permeable sand and gravel deposits overlaying limestone bedrock. Wells may be developed at depths of 50 to 120 feet or developed in the bedrock at depths of 225 feet to yield as much as 350 gallons per minute.

AREAS IN WHICH YIELDS OF 25 TO 100 GALLONS PER MINUTE MAY BE DEVELOPED.

Lenses of sand and gravel thinly scattered in the thin to thick layers of clayey till which overlies non-water-bearing Mississippian or Devonian shale. Properly constructed screened wells may yield 25 to 100 gallons per minute at average depths of 80 to 135 feet, but ranging in depth to 225.

AREAS IN WHICH YIELDS OF 5 TO 25 GALLONS PER MINUTE MAY BE DEVELOPED.

Ground water supplies developed at depths of 60 to 75 feet in the Mississippian sandstone or sandstone and shale bedrock. Yields seldom exceed 20 gallons per minute, although exceptional yields to large diameter wells have exceeded 100 gallons per minute at depths of about 170 feet.

Thin lenses of sand and gravel sparsely interbedded in thick deposits of clayey till. Yields of 5 to 25 gallons per minute may be developed at depths of 25 to more than 150 feet. Exceptional yields are logged at depths of 130 feet. Thick deposits of fine sand and silty clay often prevent the development of domestic supplies at depths of 200 to 300 feet. Wells in Perry Township not encountering a usable aquifer in the glacial deposits may obtain a ground water supply from the limestone bedrock which occurs at depths of 110 to 260 feet below the surface.

AREAS IN WHICH YIELDS OF 3 TO 10 GALLONS PER MINUTE MAY BE DEVELOPED.

Basal portion of shaley sandstone fringe zone of the Berea sandstone yields 4 to 6 gallons per minute from a very limited area at depths of less than 65 feet.

Very limited and often quite shallow glacial deposits of sand and gravel overlying shale bedrock of eroded ancestral drainage channel. Potential yields may not exceed 5 gallons per minute at depths of 15 to 35 feet.

AREAS IN WHICH YIELDS OF LESS THAN 2 GALLONS PER MINUTE MAY BE DEVELOPED.

Devonian and Mississippian shale bedrock yields less than 2 gallons per minute at depths of less than 100 feet. Occasionally, thin lenses of sand and gravel may be encountered near the surface of the weathered shale at depths of 18 to 45 feet and yield as much as 5 gallons per minute. If sand and gravel is not present, home owners rely upon cisterns and additional storage to develop a supply for peak demand. Devonian limestone beneath the shale in Perry and Sharon Townships yield larger supplies. Proper well construction may deter presence of hydrogen sulfide.

Areas which may contain hydrogen sulfide in the limestone bedrock and Berea sandstone. Ground water in the limestone bedrock may also be highly mineralized; however, this water is potable and free of excessive chlorides.

Ancestral buried bedrock channels partially filled with clay and sand and gravel as much as 260 feet overlying limestone bedrock.

Relatively thick lenses of fine silty sand in buried valley deposits.

Well Site Symbols

WELL INFORMATION
(SEE NOTE)

DEPTH (ft.) Total depth of well in feet.
AQUIFER TYPE Water–bearing formation
YIELD (gpm) Amount of water a well produces in gallons per minute.
WELL SITE Approximate well location
75-SS-20
26
DEPTH TO BEDROCK (ft.) Depth to bedrock in feet.

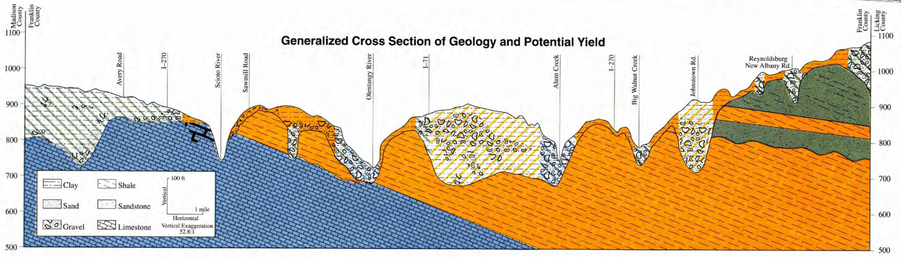
WELL TYPES
- Well Site
- Municipal-Industrial Well
- Observation Well Site *
- Test Well**
- A Chemical Analyses

AQUIFER TYPES
- S – Sand
- G – Gravel
- SG – Sand & Gravel
- SS – Sandstone
- SH – Shale
- LS – Limestone
- CL – Clay
- FS – Fine Sand

Chemical Analysis Table

Well Site	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
Depth	93	230	–	40	92	67	444	175	211	175	180	400	81	86	340	63	214	260	290	98	232	35
Aquifer	LS	LS	S&G	S&G	–	SS	LS	LS	LS	LS	LS	LS	S&G	S&G	LS	SS	LS	LS	LS	S&G	S&G	S&G
Iron	6.1	2.7	5.8	3.0	4.0	2.8	.04	.55	.59	3.6	.58	.77	2.4	4.2	1.0	.39	1.6	1.2	–	2.9	1.9	.75
Hardness as $CaCO^3$	1930	1500	574	452	501	279	2090	443	317	384	530	1730	390	560	620	528	925	1305	745	316	390	302
Dissolved Solids	–	–	–	600	591	364	4950	500	595	519	662	2462	425	740	831	718	1428	1716	986	354	434	390
Sulfate	1520	870	–	155	116	98	1180	102	85	124	229	1451	50	–	400	250	594	942	520	53	28	24
Chloride	–	12	36	21	2.5	4.3	1820	2.0	11	3.0	14	45	7.5	77	1.7	5.2	137	38	5.0	2.4	6.0	2.8
Fluoride	–	–	–	.4	.6	.3	.9	1.1	1.0	2.1	1.1	1.8	.5	.2	1.8	.2	.5	1.4	.6	.1	.4	1.4
Hydrogen Sulfide	–	–	–	–	–	Trace	–	–	1.7	–	–	.7	–	–	–	3.4	3.0	22	–	–	–	–

Chemical constituents as milligrams per liter (mg/l)
A– casing set @ 36 feet.
B– casing set @ 175 feet. (thru Columbus Limestone)
G– sodium 967



*Observation well sites indicate the location of wells used to collect ground water level information. These wells are part of the state observation well network. Hydrographs of the water levels recorded in these and other State observation wells can be obtained through ODNR–Division of Water.

**Test well sites indicate the location of a test well that was part of a regioinal ground water study. Detailed lithologic logs, water quality analysis and pumping test information for these wells may be available from ODNR–Division of Water.

NOTE

The ground water characteristics have been mapped regionally, based upon interpertations of water well records and the area's geology and hydrology. Mapped well sites were selected as typical for the areas shown.
Information regarding specific sites may be obtained from ODNR–Division of Water.

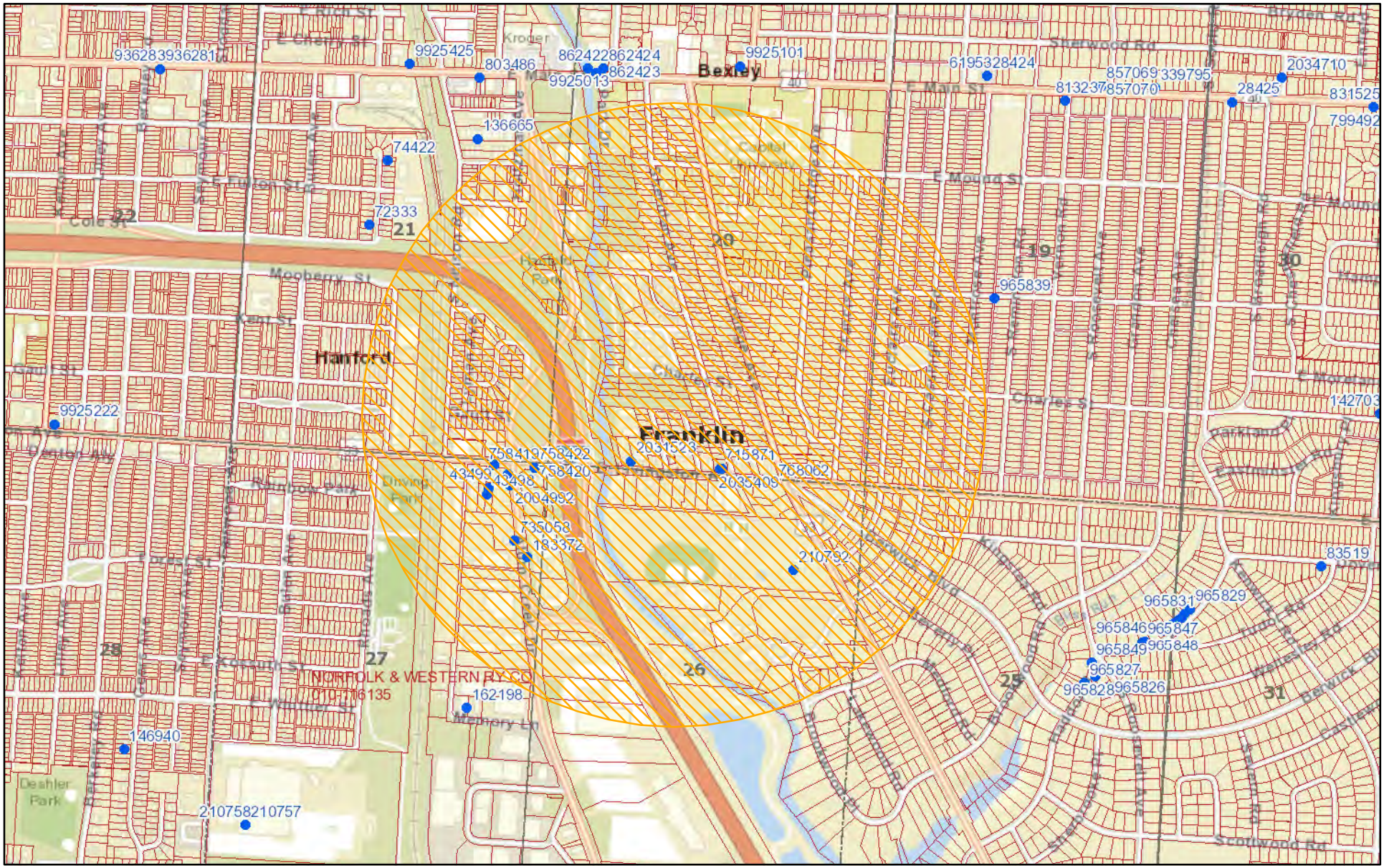
Published 1958
Revised 1993
Ohio Department of Natural Resources
Division of Water
Ground Water Resources Section
1939 Fountain Square
Columbus, Ohio 43224

David S. Orr, Cartographer

George V. Voinovich
Governor
Frances S. Buchholzer
Director

APPENDIX K
ODNR WELL LOGS

Ohio Water Wells



March 1, 2018

- Water Wells
- Counties
- Current Township
- Land Subdivision
- Statewide Parcels

N

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

1:18,056

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 210792

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *JEWISH CENTER*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *1125 COLLEGE AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number: *232*
Location Map Year: *1989*
Location Area:
Latitude: *39.945997*
Longitude: *-82.93686*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *52 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *10 in.*
2:
Casing Length: 1:
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *SHALE*
Date of Completion: *7/10/1959*
Total Depth: *52 ft.*
Well Use:
Driller's Name: *G.M. BAKER & SON*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:

COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	8
GRAVEL & CLAY	8	26
SAND & CLAY	26	37
GRAVEL & CLAY	37	48
SHALE	48	52

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 768062

ORIGINAL OWNER AND LOCATION

Original Owner Name: *UNO-VEN*
County: *FRANKLIN*
Township: *MADISON*
Section Number:
Address: *2253 LIVINGSTON AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.947960*
Longitude: *-82.93745*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *18 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *20 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *SAND & GRAVEL*
Date of Completion: *6/21/1995*
Total Depth: *18 ft.*
Well Use:
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
SAND & GRAVEL	0	18

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 715871

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *STERLING MOTORS*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *2182 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948320* **Longitude:** *-82.93905*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *15 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *15 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *SAND & GRAVEL*
Date of Completion: *5/15/1991* **Total Depth:** *15 ft.* **Well Use:** *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
GRAVELLY FILL MATERIAL	0	1
ASPHALT	0	1
SILTY CLAY	1	8
SAND	8	10
SAND & GRAVEL	10	15

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2035409

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *DISCOUNT AUTO GLASS*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *2182 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:** *43209*
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948314* **Longitude:** *-82.938994*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *4.25 in.* **Borehole Depth:** 1: *21 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *2 in.* **Casing Length:** 1: *11 ft.* **Casing Thickness:** 1: *0.154 in.*
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *10/3/2011* **Total Depth:** *21 ft.* **Well Use:** *MONITOR*
Driller's Name: *ENVIROCORE, LIMITED*
Screen Diameter: *2 in.* **Slot Size:** *0.01 in.* **Screen Length:** *10 ft.*
Type: *MACHINE SLOTTED* **Material:** *PVC*
Set Between: *From: 11 ft. To: 21 ft.*
Gravel Pack Material/Size: *#5 Sand* **Vol/Wt Used:** *150#*
Method of Installation: *Poured (gravity)* **Placed:** *FROM: 9 ft. TO: 21 ft.*
Grout Material/Size: *Bentonite pellets/chunks* **Vol/Wt Used:** *250#*
Method of Installation: *Poured (gravity)* **Placed** *FROM: 1 ft. TO: 9 ft.*

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
BROWN SILTY CLAY	0	9
BROWN-GRAY SAND & SILT	9	11
BROWN SILTY CLAY	11	15
BROWN SILTY CLAY & GRAVEL	15	17
BROWN COARSE SAND	17	21

WATER AT 17 17

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2031523

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SRW*
County: *FRANKLIN*
Address: *2080 LIVINGSTON E*
City:
Location Number:
Latitude: *39.948490*

Township: *COLUMBUS*
State: *OH*
Location Map Year:
Longitude: *-82.94171*

Section Number:
Lot Number:
Zip Code: *43209*
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: *8 in.*
2:

Borehole Depth: 1: *23 ft.*
2:

Depth to Bedrock:

Casing Diameter: 1: *2 in.*
2:

Casing Length: 1: *13 ft.*
2:

Casing Thickness: 1: *0.154 in.*
2:

Casing Height Above Ground: *0*
Date of Completion: *3/7/2011*
Driller's Name: *FRONTZ DRILLING, INC.*

Aquifer Type: *SAND & GRAVEL*
Total Depth: *23 ft.*

Well Use: *MONITOR*

Screen Diameter: *2 in.*
Type: *MACHINE SLOTTED*
Set Between: *From: 23 ft. To: 13 ft.*

Slot Size: *0.01 in.*
Material: *PVC*

Screen Length: *10 ft.*

Gravel Pack Material/Size: *#5*
Method of Installation: *Poured (gravity)*

Vol/Wt Used: *250 LBS*
Placed: *FROM: 23 ft. TO: 11 ft.*

Grout Material/Size: *Bentonite pellets/chunks*
Method of Installation: *Poured (gravity)*

Vol/Wt Used: *150 LBS*
Placed *FROM: 11 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Drawdown:

Test Rate:
Test Duration:

Associated Reports

COMMENTS: *MW-2*

WELL LOG

Formations	From	To
ASPHALT	0	1
BROWN SANDY CLAY	1	8
CONCRETE	8	8.50
BROWN CLAY	8.50	18
BROWN SAND & GRAVEL	18	23

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758421

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *1971 LIVINGSTON AVE E*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.948340*
Longitude: *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *26 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *25 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992*
Total Depth: *26 ft.*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Well Use: *MONITOR*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level: *18.9 ft.*
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY CLAY	1	3
BROWN SILTY GRAVEL/SAND/CLAY	3	7
DARK GRAY SILTY GRAVEL & CLAY	7	12
GRAY COARSE GRAVEL/SAND/CLAY	12	27

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758420

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *26 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *26 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992* **Total Depth:** *26 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY CLAY	1	3
BROWN SILTY SAND	3	7
DARK GRAY SILTY GRAVEL & CLAY	7	17
DARK GRAY COARSE GRAVEL/SAND/CLAY	17	22

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758419

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *23 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *4 in.* **Casing Length:** 1: *23 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *7/29/1992* **Total Depth:** *23 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19.4 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY GRAVEL & CLAY	1	3
BROWN SILTY SAND & CLAY	3	7
BROWN SILTY GRAVEL & CLAY	7	17
HEAVING SAND	17	23
GRAY SAND & GRAVEL	23	27

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 758422

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BP OIL*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1971 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.948340* **Longitude:** *-82.94461*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *26 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *4 in.*
2:
Casing Length: 1: *25 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *7/29/1992* **Total Depth:** *26 ft.* **Well Use:** *MONITOR*
Driller's Name: *HULL & ASSOCIATES, DUBLIN*
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *19.3 ft.* **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
CEMENT	0	1
BROWN SILTY GRAVEL & CLAY	1	3
BROWN SILTY GRAVEL/SAND/CLAY	3	7
DARK GRAY SILTY GRAVEL/SAND/CLAY	7	22

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2002937

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL*
County: *FRANKLIN*
Township: *FRANKLIN*
Section Number:
Address: *1937 LIVINGSTON AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.9484*
Longitude: *-82.94581*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.*
2:
Borehole Depth: 1: *22 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *17 ft.*
2:
Casing Thickness: 1: *0.14 in.*
2:
Casing Height Above Ground: *0*
Aquifer Type: *CLAY*
Date of Completion: *5/10/2006*
Total Depth: *22 ft.*
Well Use: *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 22 ft. To: 12 ft.*
Gravel Pack Material/Size: *SAND*
Vol/Wt Used: *7 BAGS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *3 BAGS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Drawdown:
Test Duration:
COMMENTS:

Associated Reports

WELL LOG

Formations	From	To
LT. GRAY GRAVELLY FILL MATERIAL	0	4
BROWN SILTY CLAY	4	22

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2002934

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL OIL*
County: *FRANKLIN*
Township: *FRANKLIN*
Section Number:
Address: *1937 LIVINGSTON AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.9484*
Longitude: *-82.94581*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.*
2:
Borehole Depth: 1: *22 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *17 ft.*
2:
Casing Thickness: 1: *0.14 in.*
2:
Casing Height Above Ground: *0*
Aquifer Type: *CLAY*
Date of Completion: *5/10/2006*
Total Depth: *22 ft.*
Well Use: *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 22 ft. To: 12 ft.*
Gravel Pack Material/Size: *SAND*
Vol/Wt Used: *7 BAGS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *3 BAGS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
LT. BROWN SAND & GRAVEL	0	4
OLIVE SILTY CLAY	4	22

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2002936

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL OIL*
County: *FRANKLIN*
Township: *FRANKLIN*
Section Number:
Address: *1937 LIVINGSTON AVE*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number:
Location Map Year:
Location Area:
Latitude: *39.9484*
Longitude: *-82.94581*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *6 in.*
2:
Borehole Depth: 1: *22 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *2 in.*
2:
Casing Length: 1: *17 ft.*
2:
Casing Thickness: 1: *0.14 in.*
2:
Casing Height Above Ground: *0*
Aquifer Type: *CLAY*
Date of Completion: *5/10/2006*
Total Depth: *22 ft.*
Well Use: *MONITOR*
Driller's Name: *BELASCO DRILLING, INC.*
Screen Diameter: *2 in.*
Slot Size: *0.01 in.*
Screen Length: *10 ft.*
Type: *MACHINE SLOTTED*
Material: *PVC*
Set Between: *From: 22 ft. To: 12 ft.*
Gravel Pack Material/Size: *SAND*
Vol/Wt Used: *7 BAGS*
Method of Installation: *Poured (gravity)*
Placed: *FROM: 22 ft. TO: 10 ft.*
Grout Material/Size: *Bentonite pellets/chunks*
Vol/Wt Used: *3 BAGS*
Method of Installation: *Poured (gravity)*
Placed *FROM: 10 ft. TO: 1 ft.*

WELL TEST DETAILS

Static Water Level:
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
LT. BROWN FILL MATERIAL	0	4
OLIVE SILTY CLAY	4	22

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 2005003

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL STATION*
County: *FRANKLIN*
Address: *1937 LIVINGSTON AVE E*
City:
Location Number:
Latitude: *39.948160*

Township: *COLUMBUS*
State: *OH*
Location Map Year:
Longitude: *-82.9454*

Section Number:
Lot Number:
Zip Code: *43209*
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: **1:** *8.25 in.*
2:
Casing Diameter: **1:** *2 in.*
2:
Casing Height Above Ground:
Date of Completion: *9/7/2006*
Driller's Name: *H.A.D. INC.*
Screen Diameter: *2 in.*
Type: *MACHINE SLOTTED*
Set Between: *From: 23 ft. To: 11 ft.*
Gravel Pack Material/Size: *SILICA SAND*
Method of Installation: *Poured (gravity)*
Grout Material/Size: *Bentonite pellets/chunks*
Method of Installation: *Poured (gravity)*

Borehole Depth: **1:** *23 ft.*
2:
Casing Length: **1:** *13 ft.*
2:
Aquifer Type: *SAND*
Total Depth: *23 ft.*
Slot Size: *0.01 in.*
Material: *PVC*
Vol/Wt Used: *400 LBS.*
Placed: *FROM: 23 ft. TO: 11 ft.*
Vol/Wt Used: *250 LBS.*
Placed *FROM: 11 ft. TO: 2 ft.*

Depth to Bedrock:
Casing Thickness: **1:** *0.154 in.*
2:
Well Use: *MONITOR*
Screen Length: *10 ft.*

WELL TEST DETAILS

Static Water Level:
Drawdown:
Test Rate:
Test Duration:

Associated Reports

COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	1
BROWN SILTY COBBLES	1	5
BROWN DAMP CLAY	5	10
GRAY CLAY/SAND/GRAVEL	10	15
GRAY FINE SAND	15	20

GRAY SILT 20 23

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 2004992

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *SHELL STATION*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1937 LIVINGSTON AVE E* **Lot Number:**
City: **State:** *OH* **Zip Code:** *43209*
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.947930* **Longitude:** *-82.94534*

CONSTRUCTION DETAILS

Borehole Diameter: 1: *8.25 in.* **Borehole Depth:** 1: *23 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *2 in.* **Casing Length:** 1: *13 ft.* **Casing Thickness:** 1: *0.154 in.*
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *SAND*
Date of Completion: *9/7/2006* **Total Depth:** *23 ft.* **Well Use:** *MONITOR*
Driller's Name: *H.A.D. INC.*
Screen Diameter: *2 in.* **Slot Size:** *0.01 in.* **Screen Length:** *10 ft.*
Type: *MACHINE SLOTTED* **Material:** *PVC*
Set Between: *From: 23 ft. To: 11 ft.*
Gravel Pack Material/Size: *SILICA SAND* **Vol/Wt Used:** *400 LBS.*
Method of Installation: *Poured (gravity)* **Placed:** *FROM: 23 ft. TO: 11 ft.*
Grout Material/Size: *Bentonite pellets/chunks* **Vol/Wt Used:** *250 LBS.*
Method of Installation: *Poured (gravity)* **Placed** *FROM: 11 ft. TO: 2 ft.*

WELL TEST DETAILS

Static Water Level: **Test Rate:** **Associated Reports**
Drawdown: **Test Duration:**

COMMENTS:

WELL LOG

Formations	From	To
FILL MATERIAL	0	1
BROWN SILTY CLAY	1	5
BROWN DAMP CLAY	5	10
GRAY DAMP CLAY/SAND/GRAVEL	10	15
GRAY FINE SAND	15	20

GRAY SILT 20 23

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 43499

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *1133 ALUM CREEK DR*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number: *1904*
Location Map Year: *1945*
Location Area:
Latitude: *39.947876*
Longitude: *-82.945981*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *300 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *6 in.*
2:
Casing Length: 1: *70 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *LIMESTONE*
Date of Completion:
Total Depth: *300 ft.*
Well Use:
Driller's Name: *G.M. BAKER & SON*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level: *78 ft.*
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
TOP SOIL	0	4
GRAVEL & CLAY	4	22
SAND & GRAVEL	22	35
DIRTY SAND & GRAVEL	35	37
SAND & CLAY	37	50
FINE SAND	50	65

CLAY	65	68
BLACK SHALE	68	90
SOAPSTONE	90	136
BROWN SHALE	136	180
BROWN LIMESTONE	180	230
GRAY LIMESTONE	230	300

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Well log questions - Web site questions - Web policies

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 43498

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN*
Township: *COLUMBUS*
Section Number:
Address: *1133 ALUM CREEK DR*
Lot Number:
City:
State: *OH*
Zip Code:
Location Number: *1905*
Location Map Year: *1945*
Location Area:
Latitude: *39.947731*
Longitude: *-82.946033*

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:
Borehole Depth: 1: *39 ft.*
2:
Depth to Bedrock:
Casing Diameter: 1: *12 in.*
2:
Casing Length: 1: *34 ft.*
2:
Casing Thickness: 1:
2:
Casing Height Above Ground:
Aquifer Type: *SAND & GRAVEL*
Date of Completion:
Total Depth: *39 ft.*
Well Use:
Driller's Name: *G.M. BAKER & SON*
Screen Diameter:
Slot Size:
Screen Length:
Type:
Material:
Set Between:
Gravel Pack Material/Size:
Vol/Wt Used:
Method of Installation:
Placed:
Grout Material/Size:
Vol/Wt Used:
Method of Installation:
Placed

WELL TEST DETAILS

Static Water Level: *17 ft.*
Test Rate:
Associated Reports
Drawdown:
Test Duration:
COMMENTS:

WELL LOG

Formations	From	To
TOP SOIL	0	3
GRAVEL & CLAY	3	24
SAND & GRAVEL	24	39

Printing Tips (opens in new window)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

View Image of Original Well Log

Well Log Number: 735058

ORIGINAL OWNER AND LOCATION

Original Owner Name: *PRE-FAB TRANSIT*
County: *FRANKLIN*
Address: *1185 ALUM CREEK RD*
City:
Location Number:
Latitude: *39.946660*

Township: *COLUMBUS*

State: *OH*
Location Map Year:
Longitude: *-82.94521*

Section Number:
Lot Number:
Zip Code:
Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:
2:

Casing Diameter: 1: *4 in.*
2:

Casing Height Above Ground:
Date of Completion: *3/19/1992*
Driller's Name: *MOUNT WATER WELL DRILLING*
Screen Diameter:
Type:
Set Between: *From: 19 ft. To: 29 ft.*
Gravel Pack Material/Size:
Method of Installation:
Grout Material/Size:
Method of Installation:

Borehole Depth: 1: *29 ft.*
2:

Casing Length: 1: *29 ft.*
2:

Aquifer Type: *SAND & GRAVEL*
Total Depth: *29 ft.*

Slot Size:
Material:

Vol/Wt Used:
Placed:
Vol/Wt Used:
Placed

Depth to Bedrock:

Casing Thickness: 1:
2:

Well Use: *MONITOR*

Screen Length: *10 ft.*

WELL TEST DETAILS

Static Water Level: *26 ft.*
Drawdown:

Test Rate:
Test Duration:

COMMENTS:

Associated Reports

WELL LOG

Formations	From	To
FILL MATERIAL	0	12
BROWN GRAVEL & SAND	12	15
GRAY SAND & GRAVEL	15	29

Printing Tips (opens in new window)

Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: 183372

View Image of Original Well Log

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NATIONAL ALUMINUM CO*
County: *FRANKLIN* **Township:** *COLUMBUS* **Section Number:**
Address: *1130 ALUM CREEK DR* **Lot Number:**
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**
Latitude: *39.9463* **Longitude:** *-82.94481*

CONSTRUCTION DETAILS

Borehole Diameter: 1: **Borehole Depth:** 1: *45 ft.* **Depth to Bedrock:**
2: 2:
Casing Diameter: 1: *8 in.* **Casing Length:** 1: *35 ft.* **Casing Thickness:** 1:
2: 2: 2:
Casing Height Above Ground: **Aquifer Type:** *GRAVEL/SAND/CLAY*
Date of Completion: *3/30/1957* **Total Depth:** *45 ft.* **Well Use:**
Driller's Name:
Screen Diameter: **Slot Size:** **Screen Length:**
Type: **Material:**
Set Between:
Gravel Pack Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed:**
Grout Material/Size: **Vol/Wt Used:**
Method of Installation: **Placed**

WELL TEST DETAILS

Static Water Level: *22 ft.* **Test Rate:** *100 gpm* **Associated Reports**
Drawdown: *5 ft.* **Test Duration:** *4 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
UNKNOWN	0	20
GRAVEL & CLAY	0	24
SAND & GRAVEL	24	42
GRAVEL/SAND/CLAY	42	45

APPENDIX L
SITE PHOTOGRAPHS

Site
Photographs
Ferndale Place Properties

View west of Ferndale Place connecting with Mayfield Place in a loop on the north side of the subject property (seen in the left side of the photo). Bexley Community Garden is located on the right side of the photo.

View south towards Livingston Avenue from the top of Ferndale Place.

Site
Photographs
Ferndale Place Properties

View southeast of 921-925 Ferndale Place building. Note the visual cracking in the building foundation and walls which show signs of movement / settlement.

View north from the south side of 945 Ferndale Place. Note the elevation change and uneven topography of the property. Visual cracks in the building are observed which are a sign of subsurface movement / settlement.

View south across the back of the subject property (right side of photo). Subject property is part of a complex of similarly constructed units around Ferndale Place & Mayfield Place.

View of the front of the 941-945 Ferndale Place residence.

Site
Photographs
Ferndale Place Properties

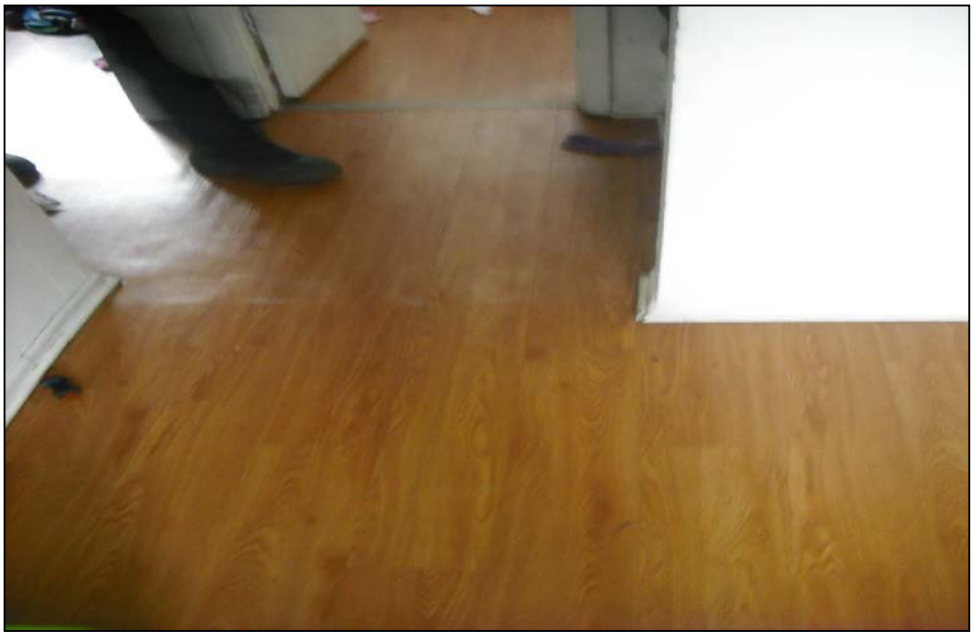
View west of the front of 941-945 Ferndale Place residence. Note the cracking and signs of settlement / subsurface movement in the parking barriers and pavement.

View north along Ferndale Place. The subject property is located on the left side of the photo.

Site
Photographs
Ferndale Place Properties

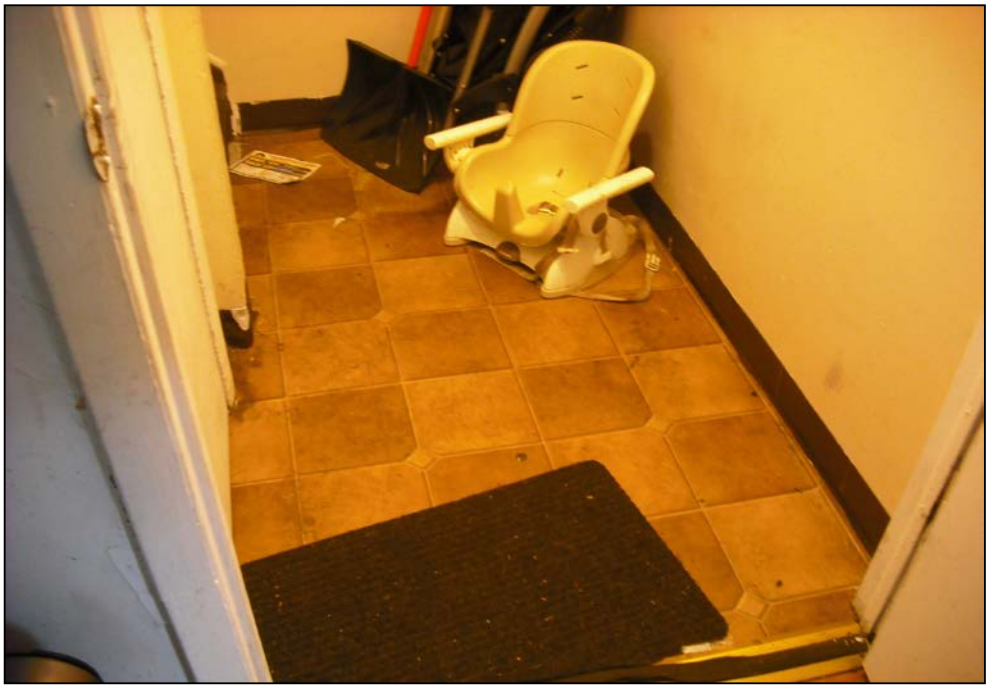
View west of 921-925 Ferndale Place. Note the uneven and dipping terrain around the building.

View west of the entryway to 921 Ferndale Place. The sidewalk shows signs of settlement / movement in the subsurface.



Wood panel flooring in Unit A of the 921 Ferndale Place residence.

Wood panel flooring in the basement unit (Unit A) of the 921 Ferndale Place building.



Laminate flooring in the basement landing of the 921 Ferndale Place building.

View west from Ferndale Place of the 945 Ferndale Place residence. Note the uneven, and dipping terrain surrounding the building which shows sign of settlement.

View down the staircase from the landing of the entryway into the 945 Ferndale Place building. Two units are located in the building. One in the basement, and one on the 2nd floor.

Wood panel flooring in the basement unit (Unit A) of the 945 Ferndale Place building.

Laminate floor on the ground floor / basement unit of the 945 unit.

Laminate flooring in the kitchen area of the 2nd story unit (Unit B) of the 945 Ferndale Place building.

Site
Photographs
Ferndale Place Properties

View east of adjacent properties across Ferndale Place. Foreground includes apartments, with single-family homes beyond.

View north of the adjacent site. The Bexley Community Garden is located on the parcel north of the subject property. Apartments are located further to the north.

Site
Photographs
Ferndale Place Properties

View south down Ferndale Place. Subject property is on the right side of the photo.

View northwest of adjacent parcel. Site is currently undergoing remedial activities to remove the top 2' of soil and replce with hard fill. Future site of soccer field / park.

APPENDIX M
RESUMES OF KEY PROJECT PERSONNEL

Atul Pandey, P.E., C.P., M.S.

President

Mr. Pandey is the President and CEO of PANDEY Environmental, LLC. His area of expertise includes site assessment, remediation, brownfield redevelopment, and urban conservation. Mr. Pandey has more than 20 years of experience performing Phase I, II, and III site assessments, underground storage tank removals, closure, assessment, and corrective action, RCRA closures and corrective actions, Ohio EPA Voluntary Action Program No Further Action Letters, Clean Ohio Fund Site Assessments and general site assessment and remediation tasks. Clients have included municipalities, federal and state agencies, commercial and industrial realtors, bankers, insurance companies and real estate developers.

Mr. Pandey has worked for Ohio EPA, where he developed the Ohio EPA VAP Generic Leaching Guidance Document used by the Voluntary Action Program. He also worked in Ohio EPA's Southwest District Office of Division of Solid and Infectious Waste Management, located in Dayton, Ohio.

Prior to forming PANDEY Environmental, LLC in 2002, Mr. Pandey technically and administratively supervised a multi-disciplinary team of seven professionals at a private consulting firm. Projects included Phase I and II environmental site assessments, underground storage tank closures, corrective actions, risk assessments, RCRA closures and corrective actions, landfill groundwater monitoring and assessment programs, and Voluntary Action Program projects.

Mr. Pandey has also authored multiple publications.

EDUCATION:

University of Cincinnati, Ohio
Master of Science in Environmental Engineering, 1993
Thesis Title: Effect of Swelling Percentages on the Shear Strength of Compacted Clay Liners

University of Delhi, India
Bachelor of Science in Civil Engineering, 1991
Emphasis: Environmental Engineering

CERTIFICATIONS

- Registered Professional Engineer, States of Ohio and South Carolina, Environmental Engineering
- State of Ohio Voluntary Action Program, Certified Professional, Certification #CP224
- Qualified as an Environmental Professional under "All Appropriate Inquires" (AAI) Rule
- 40 hour HAZWOPER certified (29 CFR 1910.120)

CAREER HIGHLIGHTS/ACCOMPLISHMENTS

- Issued twenty-one (21) VAP NFA letters, twenty (20) of which have received Covenants Not to Sue (one NFA was recently issued and the CNS is pending Ohio EPA review).
- Prepared five (5) successful Urban Setting Designation Requests.

- Authored Ohio EPA VAP Generic Leaching Guidance Document; this document is currently being used in the state of Ohio by VAP Certified Professionals as a standard to evaluate leaching of vadose zone contaminants under VAP and RCRA programs.
- Selected by the Ohio EPA in April 2005 to represent all Ohio EPA Certified Professionals (Brownfield Licensed Professionals) to the Hazardous Waste division of the Ohio EPA. This prestigious recognition was made due to extensive experience with multiple programs of the Ohio EPA including the Voluntary Action Program (Brownfields Program), and programs under the Division of Hazardous Waste and the Division of Solid Waste.

PROFESSIONAL EXPERIENCE

10/02 to present *President, PANDEY Environmental, LLC*

Mr. Pandey founded PANDEY Environmental, LLC to provide fast, reliable, and expert environmental site assessment services to commercial and industrial clients at a competitive price. Services provided by the consulting company include but are not limited to Phase I, II Environmental Site Assessments, Underground Storage Tank Removal, Closure, and Corrective Action, Voluntary Action Program Site Assessments, Clean Ohio Fund Application Preparation and Site Assessments, Expert Witness Services, Risk Assessment Services, Fate and Transport Modeling, and VAP Certified Professional Services.

11/98 to 9/02 *Vice President/Senior Engineer, Smalley & Associates, Inc.*

Duties and responsibilities included supervising a multi-disciplinary team of 7 professionals that were involved in various projects ranging from Phase I and II environmental site assessment, underground storage tank closure, corrective action, and risk assessment, RCRA closures and corrective action, landfill groundwater monitoring and assessment programs, and Voluntary Action Program projects; Also responsible for professional development of these individuals.

Duties also included managing the operations of a full service Ohio EPA VAP certified analytical laboratory and drilling crew. Additional responsibilities included business development and client interface for Ohio VAP and RCRA projects.

In this position, issued eleven (11) No Further Action letters under Voluntary Action Program to Ohio EPA for the following properties; all of these properties have successfully obtained VAP Covenants Not to Sue.

11/96 to 11/98 *Environmental Engineer, Ohio EPA Voluntary Action Program*

General responsibilities included assessment of No Further Action Letters prepared by Certified Professionals conducting voluntary actions at properties with hazardous substances and petroleum contamination; determining RCRA corrective action eligibility of the properties for the Voluntary Action Program, and assessing leaching of petroleum constituents and other contaminants; providing technical assistance to Certified Professionals, volunteers, and other parties interested in voluntary action; managing field audits of properties that have received Covenants Not to Sue.

At the Ohio EPA's Division of Solid and Infectious Waste Management, general responsibilities included reviewing and evaluating Permit to Install applications and detail plans for all types of solid and

infectious waste facilities making recommendations for approval or denial; directing the inspectors in conducting the solid waste compliance monitoring program; providing technical assistance to local governments , citizens, industry, and others regarding solid and infectious waste management; also spoke at public meetings on solid waste permitting issues.

1/92 to 11/96 Project Engineer, Science Applications International Corporation

Responsibilities as a project engineer included project management and team support, budget control, report preparation, negotiations with state and federal regulatory agencies, vendor and consultant oversight, and working on site remediation and compliance issues. Select project experience includes:

- Identified, screened, and evaluated remedial technologies for RCRA CMS or CERCLA RI/FS; conducted the same for four solid waste management units at Portsmouth US DOE site with soil and/or groundwater contamination; also negotiated corrective action scope with regulatory agencies and co-authored the CMS reports.
- Managed and supervised a $500,000 contract for conducting a pilot scale treatability study of measuring enhancements to groundwater flow using an innovative technology (pneumatic fracturing) ; developed work plan, support plans (HSP, QAPjP, SAP), and summary report.
- Managed a $200,000 project dealing with a field and laboratory investigation to establish adsorptive and natural attenuation characteristics at a superfund site.
- Developed a database to facilitate air emissions reporting and permitting for over 250 sources in accordance with Title V requirements of the Clean Air Act for a synthetic organic chemical manufacturer in southern Ohio; created data architecture, conducted the beta-test on the database software, and created chemical process-specific user's guides.
- Facilitated compliance with RCRA Subtitle CC regulations at a chemical manufacturer's facility; also prepared the SARA 313, fee emission, and Title V reports for the facility.
- Served as Technical Advisor to the State of Ohio, Environmental Protection Agency's modeling subgroup of the generic standards subcommittee charged with the development of generic deep soil cleanup levels across the state in accordance with the requirements of Senate Bill 221 (Brownfields); conducted all of the modeling on this project using an unsaturated soil zone leaching model (SESOIL); also authored the associated technical guidance documents.
- Constructed and calibrated groundwater flow models using MAGNAS3 and FRAC3DVS codes for groundwater plumes at the US DOE site; evaluated remedial alternatives with these models.

PUBLICATIONS

Pandey, A., Hetrick, D.M., and Khan, A., Innovative Approach Proposed for Evaluating Risks due to Soil Contamination, SESOIL - A Decade, Amherst Scientific Publishers, 1996.

Pandey, A., Cherry, E., Steigerwald, V., and Pickrel, C., Groundwater Protection and Soil Remediation, Fifth Annual Business and Industry's Environmental Symposium - Conference Proceedings, Cincinnati, 1996.

Pandey, A. et al., Innovative Approach Developed for Deriving Leach-Based Soil Cleanup Values Protective of Groundwater, 12th Annual Conference on Contaminated Soils, University of Massachusetts at Amherst, 1997.

Hetrick, D. and Pandey, A., A methodology for establishing cleanup objectives in the saturated soil zone using sensitivity and uncertainty analysis for chemical fate and transport, Journal of Soil Contamination, 8(5):559-576, 1999

ENGINEERING & MODELING SOFTWARE

Proficient with a wide range of environmental modeling software including MODFLOW, MAGNAS3, FRAC3DVS, MT3D, SAS, SURFER, GeoEAS, HELP, SESOIL, CHEMFLO, VLEACH, RITZ, PESTAN, Summers, AT123D, EnCompass, GARDS, SIMS, HonRuler, TANKS, and STARSHIP (Title V); advanced knowledge of Microsoft EXCEL and SURFER programs.

Also taught 3-day modeling course entitled “Application of SESOIL in Ohio EPA’s Voluntary Action Program” in June, 1999 to Certified Professionals and other consultants.

Nick Vallera

Environmental Scientist

Mr. Vallera performs and manages Phase I and II investigations (ASTM & VAP), BUSTR investigations, remedial oversight, soils management oversite, project proposals, scheduling and cost estimates. He also performs Operation & Maintenance activities along with analytical data review and database management. He is proficient in field aspects of environmental site assessment and remediation where he performs multiple types of sampling, works closely with property owners and clients, determines analytical analyses, manages data, and ensures that project objectives are met. He is also proficient in the technical writing of environmental assessments, Urban Setting Designations (USDs), No Further Action Letters (NFAs), project proposals and regulatory agency reports.

EDUCATION:

The Ohio State University, Columbus, Ohio
Master of Education, Major in Secondary Science Education; 2012

The Ohio State University, Columbus, Ohio
Bachelor of Science, Major in Geology; 2011

SPECIALIZED TRAINING/ PROFESSIONAL AFFILIATIONS:

- Ohio EPA VAP Soil Classification Training
- Ohio Department of Transportation (ODOT) Soil and Rock Classification Training
- 40 Hour OSHA HAZWOPER Certified
- 10 Hour OSHA Construction Certified
- Hess UBU Training
- Miner Safety and Health Administration (MSHA) Certified
- Safeland: Oil and Gas Safety Training
- National Groundwater Association (NGWA) Member

CAREER HIGHLIGHTS/ACCOMPLISHMENTS

- Performed oversite, planning and sampling activities at the Former Van Dorn Property, a Clean Ohio (CORF) project, which included a remedial excavation, testing / analyzing of the excavated area, associated remedial reporting, follow-up testing and incorporation of all data into larger NFA letter for the property. Completed and obtained an NFA Letter for the Property.
- Completed an Urban Setting Designation (USD) request for a 5+ acre industrial property located in South Columbus, as well as completed the USD verification for two (2) industrial properties.
- Developed and prepared multiple project proposals for municipal clients which included a summary of the project understanding, scope of work to be performed, proposed sampling and safety plans, schedule of work to be performed and cost estimates.
- Performed BUSTR investigations on three (3) abandoned gas station properties. Included preparation of project proposal, cost estimates, writing sampling plan in accordance with BUSTR rules, performing field exploration, sampling, data analysis and reporting.
- Managed soil movement project involving the testing of multiple sources of backfill materials, excavation of selected soils, management of testing data and necessary technical reporting of

findings. Coordinated and oversaw proper transportation of over 75,000 cubic yards of soil. Directly worked and coordinated with construction managers and site superintendents throughout project.

- Managed and oversaw the handling of two large soil oversite projects, a remedial excavation project, three (3) VAP Phase I investigations, two (2) Limited VAP Phase II investigations, and the developing of a Remedial Action Plan for a VAP project simultaneously while meeting deadlines for all of the projects to the Client's satisfaction.
- Worked with subcontractors to identify, delineate and excavate contaminated environmental media and coordinated the removal and manifesting of the media. Included management of total tonnage and daily logs of removal to ensure the project remained within proper limits / funding.
- Managed, coordinated with, and oversaw other personnel that were performing soils movement or remedial oversite projects.
- Performed emergency assessment of a property with high risk soil-gas contamination to surrounding receptors. Installed monitoring wells and nested soil-gas probes around the property as well as developed a "nearest receptor figure" to determine the risk of soil-gas contamination reaching residential receptors around a brownfield property. This included coordinating field work, performing field installation, measurements of nearest receptors, and sampling of environmental media under Ohio EPA oversight
- Participated in Ohio Brownfields Conference including networking with subcontractors, clients and government agencies as well as promoting PANDEY's services.
- Performed environmental investigation, sampling plan and reporting for a property that included historical USTs, commercial operations, asbestos containing materials and largely scattered asbestos contamination across the soils on the property. Prepared a remedial action plan and costs associated with remedial activities for the property after determining findings and conclusions for the property.
- Developed and maintained productive / professional relationships with clients (private and municipal), subcontractors and vendors (laboratories and remedial product vendors) acting as a point of contact, lead communicator and coordinator for projects throughout all stages (including proposal, investigation, analytical, reporting and remedial activities).
- Worked on multiple sites under the Ohio Voluntary Action Program (VAP). Work included Phase I and II Environmental Site Assessments, risk assessment, demonstration of background levels, contaminant transport modeling, site specific remediation, and No Further Action Letter issuances.
- Worked and managed project from development stages (requests, proposals, cost estimates, etc.) through field investigation, implementation, analysis and risk assessment reporting on EPA Grant funded project for the Former Mud Run Gun Club in Cuyahoga Falls, Ohio
- Performed soil management oversight, reporting, USD verifying, Phase I Updates and continuous O&M sampling investigations for Ohio VAP Jaeger / Union Tools property in Columbus, Ohio
- Provided oversight for the delineation, soil and groundwater sampling, QA/QC sampling, delivery, and assessment during an emergency crude oil release of 30,000+ gallons.
- Participated in the design, and managing databases for laboratory data received during field sampling events.

- Completed field investigation, data mitigation, GIS figure generation and technical writing of Phase II report, conclusions and recommendation letter for 18 acre property in Chillicothe, Ohio.
- Performed geotechnical drilling and analysis for engineering projects involving the construction of shale/gas oil pads in eastern Ohio.
- Collected data for Clean Ohio project for an idle steel mill plant in Yorkville, Ohio. Included logging and sampling over 140 boreholes, installing, and sampling multiple wells, delineating identified areas and collecting soil-gas and air samples during a multi-month period.
- Provided assistance to asbestos abatement oversight on a project in Chillicothe, Ohio.
- Completed Area Wide Assessments to identify brownfields in a community that produced multiple Phase I and Phase II environmental site assessments.
- Participated in or completed multiple Phase II environmental site assessments following ASTM and/or VAP guidelines.
- Provided oversight of geotechnical installations of dams and barriers to isolate product during an emergency oil spill
- Performed on site monitoring well sampling at South Bend, Indiana site which required the collection of samples at 73 monitoring wells across the city.
- Managed laboratory data and QA/QC collection of all data from South Bend, Indiana city-wide project tracking a TCE plume.
- Participated in Phase I, Phase II, and data collection / organization activities for submission into the Clean Ohio Revitalization Fund program for multiple projects.
- Performed explosive gas monitoring at a city landfill.
- Proficient in the use of the following field equipment: Soil vapor pin installation, SUMMA canister soil gas and air sampling, peristaltic pump, bladder pump, inertia pump, flow though sonde active groundwater parameter monitoring, various groundwater parameter sampling equipment (i.e. turbidimeter, conductivity/temperature/pH meter), Photo Ionization Detector (PID), Multi-gas meter, bailer groundwater sampling, Laser Level for monitoring well and groundwater elevations.

PROFESSIONAL EXPERIENCE

06/15 to present *Environmental Scientist, PANDEY Environmental, LLC*

Duties include conducting ASTM E1527 and VAP compliant Phase I and Phase II Property assessments, Risk Assessment Reporting, preparing Cost Estimates and Proposals, staying in contact with Clients, managing lab data and database, environmental sampling, and supervising subcontractors utilized for site investigation and remediation activities.

Specific field activities include soil boring, monitoring well, and gas extraction well installations, soil excavations, demolition oversight, skimming oil from groundwater, vapor barrier installations, active and passive gas extraction systems (hazardous gas, hydrogen sulfide and methane), gas monitoring sensor installations and maintenance, underground storage tank removals, in-site groundwater remedial injections, and soil gas sampling.

Other duties include implementing operation & maintenance plans, preparation of figures and maps using ArcGIS, and preparation of plans and reports.

08/13 to 06/15 *Hydrogeologist I, Hull & Associates*

Performed filed work activities on a diversity of projects including: BUSTR, VAP, ASTM, Clean Ohio, shale/oil gas pads and ODOT. Taking detailed notes in the field and bringing information into the office to complete technical report writing and summary reports for environmental assessments and conclusions. Performed routine oversight and monitoring regularly at multiple job sites. Performed field work that involved: Groundwater sampling, soil sampling, air sampling, soil-gas sampling, sediment sampling, waste characterization, wetland delineation, sub-base sampling, rock coring, soil logging, slug testing, Passive Diffusive Bag sampling, product level monitoring and explosive gas monitoring. Writing Phase I and II reports, interviewing clients and performing site reconnaissance.

05/12 to 07/13 *Geoscience & Astronomy Teacher, Evanston Township High*

Performed all duties of a full time teacher. Responsible for developing and teaching senior level science courses specifically in the areas of geology and astronomy. Managed 5 preps of classes and students. Managed student behavior, grading, tracking and database management of student grades. Participated in school team events and extracurricular activities / hosting clubs for students after school.

ENGINEERING & MODELING SOFTWARE

Knowledge of Microsoft Office (including Word, Outlook, Access, Excel, PowerPoint) and Microsoft Access database management. GIS (ESRI ArcMap), Trimble GPS Geoexplorer Units, GeoGraphics boring log generating software and topographic map generation software. Experience with Seasonal Soil compartment model (SESOIL) for water, sediment, and pollutant transport.

APPENDIX N
CITY DIRECTORIES

Bexley Ferndale
921 Ferndale Place
Columbus, OH 43209

Inquiry Number: 5196641.5
February 22, 2018

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by infoUSA®

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2005	EDR Digital Archive	-	X	X	-
2002	Haines & Company	X	X	X	X
1992	OHIO BELL	X	X	X	-
1985	OHIO BELL	X	X	X	-
1981	R. L. Polk & Co.	-	X	X	X
1976	R. L. Polk & Co.	-	X	X	X
1971	R. L. Polk & Co.	-	X	X	X
1965	R. L. Polk & Co.	-	X	X	X
1962	R. L. Polk & Co.	-	X	X	-
1960	R. L. Polk & Co.	-	X	X	X

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1957	R. L. Polk & Co.	-	X	X	-
1956	R. L. Polk & Co.	-	X	X	X
1952	R. L. Polk & Co.	-	X	X	X
1947	R. L. Polk & Co.	-	X	X	X
1942	R. L. Polk & Co.	-	X	X	X
1937	R. L. Polk & Co.	-	X	X	X
1932	R. L. Polk & Co.	-	X	X	-
1927	R. L. Polk & Co.	-	X	X	-
1923	R. L. Polk & Co.	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	Type	Findings
922 ferndale place	Client Entered	
923 ferndale place	Client Entered	
924 ferndale place	Client Entered	
925 ferndale place	Client Entered	X
941 ferndale place	Client Entered	X
942 ferndale place	Client Entered	
943 ferndale place	Client Entered	
944 ferndale place	Client Entered	
945 ferndale place	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

921 Ferndale Place
Columbus, OH 43209

FINDINGS DETAIL

Target Property research detail.

FERNDALE PL

921 FERNDALE PL

Year	Uses	Source	
2002	A BONILLACarne	Haines & Company	Image pg. A1
	NICKERSONCory	Haines & Company	Image pg. A1
1992	JOHNSON Sharon	OHIO BELL	
	MARTIN Wm J	OHIO BELL	
1985	JOBIN Daniel	OHIO BELL	

925 FERNDALE PL

Year	Uses	Source	
2002	SCHWARZ Henry	Haines & Company	Image pg. A1

941 FERNDALE PL

Year	Uses	Source	
2002	SCHWARZHenry	Haines & Company	Image pg. A1

945 FERNDALE PL

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A1
1985	LEISMER Joe	OHIO BELL	
	LEISRING JosP optmtrst	OHIO BELL	
	LIGGINS T	OHIO BELL	

ferndale place

922 ferndale place

Year	Uses	Source

FINDINGS

923 ferndale place

Year	*Uses*	*Source*	

924 ferndale place

Year	*Uses*	*Source*	

925 ferndale place

Year	*Uses*	*Source*	
2002	SCHWARZ Henry	Haines & Company	Image pg. A1

941 ferndale place

Year	*Uses*	*Source*	
2002	SCHWARZHenry	Haines & Company	Image pg. A1

942 ferndale place

Year	*Uses*	*Source*	

943 ferndale place

Year	*Uses*	*Source*	

944 ferndale place

Year	*Uses*	*Source*	

945 ferndale place

Year	*Uses*	*Source*	
2002	XXXX	Haines & Company	Image pg. A1
1985	LEISMER Joe	OHIO BELL	
	LEISRING JosP optmtrst	OHIO BELL	
	LIGGINS T	OHIO BELL	

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CHARLES

2201 CHARLES

Year	Uses	Source
1957	Martin Joe G	R. L. Polk & Co.

2203 CHARLES

Year	Uses	Source
1957	Rkn Israel	R. L. Polk & Co.

2205 CHARLES

Year	Uses	Source
1957	Jones Harold W	R. L. Polk & Co.

2207 CHARLES

Year	Uses	Source
1957	sects	R. L. Polk & Co.
	sects	R. L. Polk & Co.
	Coinerae John M	R. L. Polk & Co.

CHARLES ST

2090 CHARLES ST

Year	Uses	Source
1992	FERRIMAN David B	OHIO BELL
	BUDGE T CAR S ALE S	OHIO BELL
	Budget Camcorder Rental & Video Taping Serv	OHIO BELL
	KEARNS Mark	OHIO BELL
	STEPHENS Thos	OHIO BELL
	LOON Jos C Dr	OHIO BELL
	LEYBOVICH Alexander	OHIO BELL
	CORNELL Shawn	OHIO BELL
1985	RASEY R K	OHIO BELL
	NEWMAN Timothy D	OHIO BELL
	BANKS A	OHIO BELL
	SCHNEDER John M	OHIO BELL

FINDINGS

Year	Uses	Source
1985	RYAN Martin G	OHIO BELL

2092 CHARLES ST

Year	Uses	Source
1992	SALTSMAN Tom	OHIO BELL
	DECKER Brian M	OHIO BELL
	BUCK Cookie	OHIO BELL
1985	JONES Rebecca A	OHIO BELL
	LOUDERMELT Lajohnda	OHIO BELL
	MOON David	OHIO BELL
	GREEN Thos T	OHIO BELL

Charles St

2100 Charles St

Year	Uses	Source
2010	ALL AMERICAN CAR LINES LLC	EDR Digital Archive
	ALL AMERICAN CAR LINES LLC	EDR Digital Archive

CHARLES ST

2100 CHARLES ST

Year	Uses	Source	
2002	APARTMENTS	Haines & Company	Image pg. A2
	AKHMAMETYEVA Elena	Haines & Company	Image pg. A2
	A BARNESAndrew J	Haines & Company	Image pg. A2
	JURGENSENB	Haines & Company	Image pg. A2
	E HILLTrmolhy J	Haines & Company	Image pg. A2
	BREIDOOnna 614 23t	Haines & Company	Image pg. A2
	C BRAOLEYSean M	Haines & Company	Image pg. A2
1992	LATHAM V	OHIO BELL	
	HOHMAN Don	OHIO BELL	
	JURGENSEN B	OHIO BELL	
	BROWN V L	OHIO BELL	
	BODNER Hiam	OHIO BELL	
1985	SMITH Bryan K	OHIO BELL	
	POOLE Greg	OHIO BELL	
	HORKY Lisa	OHIO BELL	
	DEMENT Michael	OHIO BELL	

FINDINGS

2101 CHARLES ST

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A2

2102 CHARLES ST

Year	Uses	Source	
2002	MOGILEVKINYelim	Haines & Company	Image pg. A2
	APARTMENTS	Haines & Company	Image pg. A2
	LEVOITSKIYGOegrnly	Haines & Company	Image pg. A2
	B KOBTZJohn R	Haines & Company	Image pg. A2
	A KENT Stephanie L 814 23 S	Haines & Company	Image pg. A2
	BLACKSONCory M	Haines & Company	Image pg. A2
	BLACKSONSara	Haines & Company	Image pg. A2
1992	GOLDBERG C	OHIO BELL	
	PAPIER C	OHIO BELL	
	SCHLESINGER D	OHIO BELL	
	WILLIAMS Tiffany	OHIO BELL	
1985	DIGGS Jas R I	OHIO BELL	
	FRIEDMAN Norman Mr & Mrs	OHIO BELL	
	MAYNARD E	OHIO BELL	
	RUNKLE Dale LIW	OHIO BELL	

Charles St

2110 Charles St

Year	Uses	Source
2010	BEXLEY VILLAGE APARTMENTS	EDR Digital Archive
	BEXLEY VILLAGE APARTMENTS	EDR Digital Archive

CHARLES ST

2110 CHARLES ST

Year	Uses	Source	
2002	BEXLEYVILLAGE	Haines & Company	Image pg. A2
1992	Bexley Village	OHIO BELL	

2201 CHARLES ST

Year	Uses	Source	
2002	CITY OF BEXLEY	Haines & Company	Image pg. A2
	BEXLEY CSD	Haines & Company	Image pg. A2
	XXXX	Haines & Company	Image pg. A2

FINDINGS

Year	Uses	Source	
1992	FIELDEN Jas	OHIO BELL	
1985	MIGLETS Michael P	OHIO BELL	
1952	Longfellow Robt M	R. L. Polk & Co.	Image pg. A13
1947	Pollock Phillip S	R. L. Polk & Co.	Image pg. A18

2203 CHARLES ST

Year	Uses	Source	
2002	SMITHS	Haines & Company	Image pg. A2
1985	OCONNELLD J E	OHIO BELL	
1952	Harris Virginia G Mrs	R. L. Polk & Co.	Image pg. A13
1947	Haubert Eug O	R. L. Polk & Co.	Image pg. A18

2205 CHARLES ST

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A2
1992	MICHAEL Christopher T	OHIO BELL	
	BACHMAN John C	OHIO BELL	
1952	Rosen Herman W	R. L. Polk & Co.	Image pg. A14
1947	Vacant	R. L. Polk & Co.	Image pg. A18

Charles St

2207 Charles St

Year	Uses	Source
2014	MSA EQUITY LLC	EDR Digital Archive
	MSA EQUITY LLC	EDR Digital Archive

CHARLES ST

2207 CHARLES ST

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A2
1952	Kauvar Herbert S	R. L. Polk & Co.	Image pg. A14
1947	Knox John W	R. L. Polk & Co.	Image pg. A18

COLLEGE AVE

885 COLLEGE AVE

Year	Uses	Source	
2002	PENCE April R	Haines & Company	Image pg. A3

FINDINGS

Year	Uses	Source	
2002	HILBINGERGary	Haines & Company	Image pg. A3
1992	VANDERBURG M L	OHIO BELL	
1962	Mac Dowell Lyman I BE	R. L. Polk & Co.	
1957	Mac Dowell Lyman	R. L. Polk & Co.	
1952	MacDowell Lyman L	R. L. Polk & Co.	Image pg. A15
1947	MacDowell Lyman L	R. L. Polk & Co.	Image pg. A19
1942	Schwartz J Chas	R. L. Polk & Co.	Image pg. A23
1937	Schwartz Chas J	R. L. Polk & Co.	Image pg. A26
1932	Schwartz J Chas	R. L. Polk & Co.	
1927	J C Schwartz	R. L. Polk & Co.	
1923	C W Steelman	R. L. Polk & Co.	

887 COLLEGE AVE

Year	Uses	Source	
2002	COLLINSTommas	Haines & Company	Image pg. A3
1992	GIANVITO J	OHIO BELL	
1962	Archer John D I BE	R. L. Polk & Co.	
1957	Archer John D	R. L. Polk & Co.	
1952	Walsh Corinne D Mrs	R. L. Polk & Co.	Image pg. A15
1947	Walsh Corinne D Mrs	R. L. Polk & Co.	Image pg. A19
1942	Walsh Corinne D Mrs	R. L. Polk & Co.	Image pg. A23
1937	Walsh Corinne D Mrs	R. L. Polk & Co.	Image pg. A26
1932	Walsh Corinne F Mrs	R. L. Polk & Co.	
1927	M J Walsh	R. L. Polk & Co.	
1923	R C Ferguson	R. L. Polk & Co.	

888 COLLEGE AVE

Year	Uses	Source	
2002	GENTRY Michael	Haines & Company	Image pg. A3
1962	Volosin Chas Jr BE	R. L. Polk & Co.	
	Volosin Fix It Serv carp BE	R. L. Polk & Co.	
1957	Volosin Chas jr	R. L. Polk & Co.	
1952	Volosin Chas jr	R. L. Polk & Co.	Image pg. A15
1947	Kinkead H C	R. L. Polk & Co.	Image pg. A19
1942	Kinkead Ella M Mrs	R. L. Polk & Co.	Image pg. A23
1937	Klnkead Ella M Mrs	R. L. Polk & Co.	Image pg. A26
1932	landscape ednr	R. L. Polk & Co.	
	Kinkead Grosvenor D	R. L. Polk & Co.	
	Kinkead Ella M Mrs	R. L. Polk & Co.	

FINDINGS

Year	Uses	Source	
1927	Mrs E M Kinkead	R. L. Polk & Co.	
1923	!904 Wm Yaekle	R. L. Polk & Co.	
	Mrs E M Kinkead	R. L. Polk & Co.	

894 COLLEGE AVE

Year	Uses	Source	
2002	OKAUPANG Helen	Haines & Company	Image pg. A3
1992	WINTERROWD Lawrence C	OHIO BELL	
1962	Winterrowd Lawrence C BE	R. L. Polk & Co.	
	Charles intersects es not open	R. L. Polk & Co.	
1957	H 1 Robt D	R. L. Polk & Co.	
	open	R. L. Polk & Co.	
	sects es not	R. L. Polk & Co.	

College Ave

925 College Ave

Year	Uses	Source
2010	EDWIN F GREEN III	EDR Digital Archive
	NORTH / SOUTH REMODELING	EDR Digital Archive
	NORTH / SOUTH REMODELING	EDR Digital Archive
	EDWIN F GREEN III	EDR Digital Archive

E LIVINGSTON AVE

2000 E LIVINGSTON AVE

Year	Uses	Source	
1942	Lieh Carl G	R. L. Polk & Co.	Image pg. A24
1932	Bohr Thos M	R. L. Polk & Co.	
1927	T M Rohr	R. L. Polk & Co.	
1923	T M Rohr	R. L. Polk & Co.	

2004 E LIVINGSTON AVE

Year	Uses	Source
1932	Miller Wm	R. L. Polk & Co.
	Alum Creek Drive begins	R. L. Polk & Co.
1927	Wm Miller	R. L. Polk & Co.
	White X	R. L. Polk & Co.
	n e cor George Geyer soft	R. L. Polk & Co.
	drinks	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1927	Eberly Mill rd begins	R. L. Polk & Co.
	s e cor Wm Smith confr	R. L. Polk & Co.
1923	C A Clickenger	R. L. Polk & Co.
	White X	R. L. Polk & Co.
	n e cor George Geyer	R. L. Polk & Co.

2050 E LIVINGSTON AVE

Year	Uses	Source
1932	Alum Creek crosses	R. L. Polk & Co.
	Emmert Geo	R. L. Polk & Co.

2061 E LIVINGSTON AVE

Year	Uses	Source	
2002	NOTLEMEYER Ray	Haines & Company	Image pg. A4

E Livingston Ave

2062 E Livingston Ave

Year	Uses	Source
2014	TIM HORTONS	EDR Digital Archive
	TIM HORTONS	EDR Digital Archive

2063 E Livingston Ave

Year	Uses	Source
2014	BIG BEAR BARS LTD	EDR Digital Archive
	BIG BEAR BARS LTD	EDR Digital Archive
2010	BIG BEAR BARS LTD	EDR Digital Archive
	DIAMOND LOUNGE INC	EDR Digital Archive
	VENUE LOUNGE	EDR Digital Archive
	BIG BEAR BARS LTD	EDR Digital Archive
	DIAMOND LOUNGE INC	EDR Digital Archive
	VENUE LOUNGE	EDR Digital Archive
2005	DIAMOND LOUNGE INC	EDR Digital Archive
	MAGIC CITY	EDR Digital Archive
	DIAMOND LOUNGE INC	EDR Digital Archive
	MAGIC CITY	EDR Digital Archive

FINDINGS

E LIVINGSTON AVE

2063 E LIVINGSTON AVE

Year	Uses	Source	
2002	DIAMOND FOX	Haines & Company	Image pg. A4
1992	Bikini Ilc Lounge	OHIO BELL	
1985	Diamond Lounge	OHIO BELL	
1981	Diamond Lounge	R. L. Polk & Co.	Image pg. A7
1976	Horseshoe Lounge	R. L. Polk & Co.	Image pg. A8
	Boyter Pete	R. L. Polk & Co.	Image pg. A8

2065 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4

2066 E LIVINGSTON AVE

Year	Uses	Source	
1942	Kinkead Trucking Co	R. L. Polk & Co.	Image pg. A24
	Ferndale rd ends not open	R. L. Polk & Co.	Image pg. A24
	Mayfield pi ends not open	R. L. Polk & Co.	Image pg. A24

2070 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4

E Livingston Ave

2080 E Livingston Ave

Year	Uses	Source
2010	BP PRODUCTS NORTH AMERICA INC	EDR Digital Archive
	BP PRODUCTS NORTH AMERICA INC	EDR Digital Archive

E LIVINGSTON AVE

2080 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4
1981	Bank One Of Columbus N A Br	R. L. Polk & Co.	Image pg. A7
1976	Sohio Service St	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2087 E Livingston Ave

Year	Uses	Source
2014	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive
	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive
2010	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive
	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive
2005	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive
	AMBICA TWO INC	EDR Digital Archive
	SAPP RESTAURANT ENTERPRISES	EDR Digital Archive

E LIVINGSTON AVE

2087 E LIVINGSTON AVE

Year	Uses	Source	
2002	MR HERO RESTAURANTS	Haines & Company	Image pg. A4
1981	Ricks Automatic Car Wash	R. L. Polk & Co.	Image pg. A7
1976	Ricks Car Wash Inc	R. L. Polk & Co.	Image pg. A8

E Livingston Ave

2097 E Livingston Ave

Year	Uses	Source
2014	OPEN DOOR COMPANY	EDR Digital Archive
	GILLIGAN OIL COMPANY INC	EDR Digital Archive
	CPMC	EDR Digital Archive
	NOSA OIL	EDR Digital Archive
	EXXON	EDR Digital Archive
	THORNTONS INC	EDR Digital Archive
	OPEN DOOR COMPANY	EDR Digital Archive
	NOSA OIL	EDR Digital Archive
	EXXON	EDR Digital Archive
	THORNTONS INC	EDR Digital Archive
	CPMC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	GILLIGAN OIL COMPANY INC	EDR Digital Archive
2010	CPMC	EDR Digital Archive
	GILLIGAN OIL COMPANY INC	EDR Digital Archive
	NOSA OIL	EDR Digital Archive
	THORNTONS INC	EDR Digital Archive
	GILLIGAN OIL COMPANY INC	EDR Digital Archive
	THORNTONS INC	EDR Digital Archive
	CPMC	EDR Digital Archive
	NOSA OIL	EDR Digital Archive
2005	THORNTONS INC	EDR Digital Archive
	THORNTONS INC	EDR Digital Archive

E LIVINGSTON AVE

2097 E LIVINGSTON AVE

Year	Uses	Source	
2002	THORNTON OIL 68	Haines & Company	Image pg. A4
	C P M C	Haines & Company	Image pg. A4
1992	CPMC	OHIO BELL	
1985	Auto City	OHIO BELL	
1981	Automobile Trader Inc used car	R. L. Polk & Co.	Image pg. A7
1976	Auto Distributors used car	R. L. Polk & Co.	Image pg. A8

2100 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4
1981	Midwest K 9 Academy	R. L. Polk & Co.	Image pg. A7

2101 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4

2110 E LIVINGSTON AVE

Year	Uses	Source	
2002	PRECISION AUTO WASH	Haines & Company	Image pg. A4
1992	Bexley Spot Free Car Wash	OHIO BELL	
1985	Cycle Therapy	OHIO BELL	
	Psycle Therapy	OHIO BELL	
1976	Vacant	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2111 E Livingston Ave

Year	Uses	Source	
2014	TACO BELL CORP	EDR Digital Archive	
	TACO BELL CORP	EDR Digital Archive	
2010	TACO BELL CORP	EDR Digital Archive	
	TACO BELL CORP	EDR Digital Archive	
2005	TACO BELL CORP	EDR Digital Archive	
	TACO BELL CORP	EDR Digital Archive	

E LIVINGSTON AVE

2111 E LIVINGSTON AVE

Year	Uses	Source	
2002	TACO BELL	Haines & Company	Image pg. A4

E Livingston Ave

2127 E Livingston Ave

Year	Uses	Source	
2010	ADVANCE AMERICA CASH ADVANCE	EDR Digital Archive	
	ADVANCE AMERICA CASH ADVANCE	EDR Digital Archive	
2005	R FAMILY INC	EDR Digital Archive	
	R FAMILY INC	EDR Digital Archive	

E LIVINGSTON AVE

2127 E LIVINGSTON AVE

Year	Uses	Source	
2002	LUSTNAUER Milton	Haines & Company	Image pg. A4
	ARTHUR TREACHERS FISH & CHIP	Haines & Company	Image pg. A4
1992	Long John Silvers	OHIO BELL	
1985	Long John Silvers	OHIO BELL	
1981	Long John Silvers Seafood Shoppe	R. L. Polk & Co.	Image pg. A7
1976	Long John Silvers Seafood Shoppe	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2130 E Livingston Ave

Year	Uses	Source
2010	MAKE IT DO INC	EDR Digital Archive
	MAKE IT DO INC	EDR Digital Archive
2005	HAYNES RICHARD	EDR Digital Archive
	HAYNES RICHARD	EDR Digital Archive

E LIVINGSTON AVE

2130 E LIVINGSTON AVE

Year	Uses	Source	
2002	HAYNES Richard	Haines & Company	Image pg. A4
	HAYNES TOWING	Haines & Company	Image pg. A4
	SPORTS & IMPORTS	Haines & Company	Image pg. A4
1992	Haynes Towing	OHIO BELL	
	Hay nes Walter M Falcone Robert E Kelly Timothy Miller Anne P& Davanzo Mark E MDs3341 E Livingston Av	OHIO BELL	
1985	Sports& Imports	OHIO BELL	
1981	Sports & Imports	R. L. Polk & Co.	Image pg. A7
	Co Op Service Co remodeling	R. L. Polk & Co.	Image pg. A7
1976	Webster A C Plumbing & Heating Inc	R. L. Polk & Co.	Image pg. A8
	Cory Coffee Service Inc	R. L. Polk & Co.	Image pg. A8

E Livingston Ave

2133 E Livingston Ave

Year	Uses	Source
2014	WENDYS INTERNATIONAL LLC	EDR Digital Archive
	WENDYS INTERNATIONAL LLC	EDR Digital Archive
2010	WENDYS INTERNATIONAL INC	EDR Digital Archive
	WENDYS INTERNATIONAL INC	EDR Digital Archive
2005	WENDYS INTERNATIONAL INC	EDR Digital Archive
	WENDYS INTERNATIONAL INC	EDR Digital Archive

FINDINGS

E LIVINGSTON AVE

2133 E LIVINGSTON AVE

Year	Uses	Source	
2002	WENDYS OLD FASHIONED HAMBRGRS	Haines & Company	Image pg. A4
1981	Wendys Old Fashioned Hamburgers	R. L. Polk & Co.	Image pg. A7
1976	Wendys Old Fashioned Hamburgers	R. L. Polk & Co.	Image pg. A8

E Livingston Ave

2135 E Livingston Ave

Year	Uses	Source
2014	POPEYES CHICKEN & BISCUITS	EDR Digital Archive
	POPEYES CHICKEN & BISCUITS	EDR Digital Archive
2010	POPEYES CHICKEN & BISCUITS	EDR Digital Archive
	POPEYES CHICKEN & BISCUITS	EDR Digital Archive

E LIVINGSTON AVE

2135 E LIVINGSTON AVE

Year	Uses	Source	
2002	SAPP James	Haines & Company	Image pg. A4
	POPEYES CHICKEN & BISCUITS	Haines & Company	Image pg. A4
1981	Sisters Chicken & Biscuits restr	R. L. Polk & Co.	Image pg. A7

E Livingston Ave

2140 E Livingston Ave

Year	Uses	Source
2014	BEXLEY CAR CARE	EDR Digital Archive
	BEXLEY CAR CARE	EDR Digital Archive
2010	BEXLEY CAR CARE	EDR Digital Archive
	U-HAUL NEIGHBORHOOD DEALER	EDR Digital Archive
	BEXLEY CAR CARE	EDR Digital Archive
	U-HAUL NEIGHBORHOOD DEALER	EDR Digital Archive

E LIVINGSTON AVE

2140 E LIVINGSTON AVE

Year	Uses	Source	
2002	TUFFY AUTO SERVICE CENTERS	Haines & Company	Image pg. A4

FINDINGS

Year	Uses	Source	
1981	Vacant	R. L. Polk & Co.	Image pg. A7
1976	Getreu Texaco Serv	R. L. Polk & Co.	Image pg. A8

2155 E LIVINGSTON AVE

Year	Uses	Source
1927	John Kramer auto	R. L. Polk & Co.
	supplies	R. L. Polk & Co.
	s w cor Pure Oil Co sta	R. L. Polk & Co.
	Shady Lane Nursery	R. L. Polk & Co.
	Winchester pk begins	R. L. Polk & Co.
	Shady Lane Farms	R. L. Polk & Co.
	Abram Bros confrs	R. L. Polk & Co.

2165 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4
1992	Moores CIng Servs Inc	OHIO BELL	
1985	DYM Systs Inc	OHIO BELL	

E Livingston Ave

2167 E Livingston Ave

Year	Uses	Source
2014	MS VIKKIS REST & BANQUET HALL	EDR Digital Archive
	MS VIKKIS REST & BANQUET HALL	EDR Digital Archive

E LIVINGSTON AVE

2167 E LIVINGSTON AVE

Year	Uses	Source	
2002	ASSOCTD PRNTG EXPRESS	Haines & Company	Image pg. A4
	KELLY JACK R ACCTNT	Haines & Company	Image pg. A4
	PANACOM VISUAL COMMUNICATIONS	Haines & Company	Image pg. A4
1985	East	OHIO BELL	
1981	Golden Eight Ball billiard	R. L. Polk & Co.	Image pg. A7
1976	Golden Eight Ball billiard	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2172 E Livingston Ave

Year	Uses	Source
2014	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	AVENUE AUTO REPAIR	EDR Digital Archive
	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	AVENUE AUTO REPAIR	EDR Digital Archive
2010	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	AVENUE AUTO REPAIR	EDR Digital Archive
	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	AVENUE AUTO REPAIR	EDR Digital Archive
2005	BKT PROPERTIES LLC	EDR Digital Archive
	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	CAPITAL AUTOMOTIVE & RADIATOR	EDR Digital Archive
	BKT PROPERTIES LLC	EDR Digital Archive

E LIVINGSTON AVE

2172 E LIVINGSTON AVE

Year	Uses	Source	
2002	YAMOUR Adil	Haines & Company	Image pg. A4
	CAPITAL AUTOMOTIVE & RADIATOR	Haines & Company	Image pg. A4
1985	Goodyear Tire Center	OHIO BELL	
	S W ON GE RS E RV CE N TE R & AUTO PARTS	OHIO BELL	
	Swope Katie	OHIO BELL	
1981	Swonger Service Center Inc auto repr	R. L. Polk & Co.	Image pg. A7
1976	Webster Garage	R. L. Polk & Co.	Image pg. A8
1942	Webster Milo D auto repr	R. L. Polk & Co.	Image pg. A24

E Livingston Ave

2173 E Livingston Ave

Year	Uses	Source
2014	EDIGAL INTERNATIONAL INC	EDR Digital Archive
	EDIGAL INTERNATIONAL INC	EDR Digital Archive
2010	EDIGAL INTERNATIONAL INC	EDR Digital Archive
	EDIGAL INTERNATIONAL INC	EDR Digital Archive
2005	EDIGAL INTERNATIONAL INC	EDR Digital Archive
	EDIGAL INTERNATIONAL INC	EDR Digital Archive

FINDINGS

E LIVINGSTON AVE

2173 E LIVINGSTON AVE

Year	Uses	Source	
2002	BEXLEY LIQUOR AGENCY	Haines & Company	Image pg. A4
1992	Worthington Sq	OHIO BELL	
1981	State Dept Liquor Control Store No	R. L. Polk & Co.	Image pg. A7
1976	State Dept Liquor Control Store No	R. L. Polk & Co.	Image pg. A8

2177 E LIVINGSTON AVE

Year	Uses	Source	
2002	DELI DELICIOUS	Haines & Company	Image pg. A4
1992	College Carry Out	OHIO BELL	
1985	College Carry Out	OHIO BELL	
	WISEMANA C	OHIO BELL	
1981	College Carry Out	R. L. Polk & Co.	Image pg. A7
1976	College Carry Out	R. L. Polk & Co.	Image pg. A8

E Livingston Ave

2179 E Livingston Ave

Year	Uses	Source
2014	REAL COMFORT HTG & COOLING INC	EDR Digital Archive
	REAL COMFORT HTG & COOLING INC	EDR Digital Archive
2010	REAL COMFORT INC	EDR Digital Archive
	REAL COMFORT INC	EDR Digital Archive
2005	AFFORDIBLE HOME & AUTO REPAIR	EDR Digital Archive
	AFFORDIBLE HOME & AUTO REPAIR	EDR Digital Archive

E LIVINGSTON AVE

2179 E LIVINGSTON AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A4
1992	Kirk Racing Cars Inc	OHIO BELL	
	Rodeo Painting Co	OHIO BELL	
	ROD S HOP THE	OHIO BELL	
1985	ROD S HOP THE	OHIO BELL	
	Kirk Racing Cars Inc	OHIO BELL	
1981	Vacant	R. L. Polk & Co.	Image pg. A7
1976	Kirks Racing Car Inc	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2181 E Livingston Ave

Year	Uses	Source
2014	JCDC ENTERPRISES LLC	EDR Digital Archive
	DENVER AND CHERIES SUBS	EDR Digital Archive
	DENVER AND CHERIES SUBS	EDR Digital Archive
	JCDC ENTERPRISES LLC	EDR Digital Archive
2010	JCDC ENTERPRISES LLC	EDR Digital Archive
	DENVER AND CHERIES SUBS	EDR Digital Archive
	JCDC ENTERPRISES LLC	EDR Digital Archive
	DENVER AND CHERIES SUBS	EDR Digital Archive

2182 E Livingston Ave

Year	Uses	Source
2014	SPEEDY CAR RENTAL LLC	EDR Digital Archive
	DISCOUNT AUTO GLASS LLC	EDR Digital Archive
	AA PRECISE COLLISION REPAIR	EDR Digital Archive
	SEVAN AUTO PARTS	EDR Digital Archive
	Y F PROPERTIES LLC	EDR Digital Archive
	AA PRECISE COLLISION REPAIR	EDR Digital Archive
	Y F PROPERTIES LLC	EDR Digital Archive
	SEVAN AUTO PARTS	EDR Digital Archive
	SPEEDY CAR RENTAL LLC	EDR Digital Archive
	DISCOUNT AUTO GLASS LLC	EDR Digital Archive
2010	DISCOUNT AUTO GLASS LLC	EDR Digital Archive
	SPEEDY CAR RENTAL LLC	EDR Digital Archive
	DISCOUNT AUTO GLASS LLC	EDR Digital Archive
	SPEEDY CAR RENTAL LLC	EDR Digital Archive

E LIVINGSTON AVE

2182 E LIVINGSTON AVE

Year	Uses	Source	
2002	STERLING MOTORS	Haines & Company	Image pg. A4
	JACKSON Glenn	Haines & Company	Image pg. A4
1992	Sterling Motors	OHIO BELL	
1985	Windotint US A	OHIO BELL	
1981	Wonder Shield	R. L. Polk & Co.	Image pg. A7
1976	Kit Kars Inc	R. L. Polk & Co.	Image pg. A8

FINDINGS

E Livingston Ave

2183 E Livingston Ave

Year	Uses	Source
2014	P H NAIL	EDR Digital Archive
	P H NAIL	EDR Digital Archive
2010	P H NAIL	EDR Digital Archive
	P H NAIL	EDR Digital Archive
2005	P H NAIL	EDR Digital Archive
	P H NAIL	EDR Digital Archive

2185 E Livingston Ave

Year	Uses	Source
2014	NEW VIEW WINDOW CORP	EDR Digital Archive
	NEW VIEW WINDOW CORP	EDR Digital Archive
2010	NEW VIEW WINDOW CORP	EDR Digital Archive
	COOKIE CONNECTION	EDR Digital Archive
	COOKIE CONNECTION	EDR Digital Archive
	NEW VIEW WINDOW CORP	EDR Digital Archive
2005	COLUMBUS CMMUNICATIONS SVC CTR	EDR Digital Archive
	COLUMBUS CMMUNICATIONS SVC CTR	EDR Digital Archive

2187 E Livingston Ave

Year	Uses	Source
2014	SUNNYS DRIVING ACADEMY	EDR Digital Archive
	SUNNYS DRIVING ACADEMY	EDR Digital Archive
2010	SUNNYS DRIVING ACADEMY	EDR Digital Archive
	SUNNYS DRIVING ACADEMY	EDR Digital Archive
2005	SUNNYS DRIVING ACADEMY	EDR Digital Archive
	SUNNYS DRIVING ACADEMY	EDR Digital Archive

2210 E Livingston Ave

Year	Uses	Source
2014	PEKING DYNASTY INC	EDR Digital Archive
	LL YONG JI INC	EDR Digital Archive
	LL YONG JI INC	EDR Digital Archive
	PEKING DYNASTY INC	EDR Digital Archive
2010	PEKING DYNASTY INC	EDR Digital Archive
	LL YONG JI INC	EDR Digital Archive

FINDINGS

Year	Uses	Source	
2010	LL YONG JI INC	EDR Digital Archive	
	PEKING DYNASTY INC	EDR Digital Archive	
2005	STEBLETON MATT	EDR Digital Archive	
	PEKING DYNASTY INC	EDR Digital Archive	
	PEKING DYNASTY INC	EDR Digital Archive	
	STEBLETON MATT	EDR Digital Archive	

Ferndale Pl

920 Ferndale Pl

Year	Uses	Source	
2014	ROGERS WINIFRED D	EDR Digital Archive	
	ROGERS WINIFRED D	EDR Digital Archive	

FERNDALE PL

920 FERNDALE PL

Year	Uses	Source	
2002	SPENCER Robbie	Haines & Company	Image pg. A1
	BEXLEYCSD	Haines & Company	Image pg. A1
	CITY OF BEXLEY	Haines & Company	Image pg. A1
1992	KENDRIC Jennifer	OHIO BELL	
1985	WATSON A	OHIO BELL	

Ferndale Pl

926 Ferndale Pl

Year	Uses	Source	
2010	PIERRO	EDR Digital Archive	
	PIERRO	EDR Digital Archive	
2005	PIERRO	EDR Digital Archive	
	PIERRO	EDR Digital Archive	

FERNDALE PL

926 FERNDALE PL

Year	Uses	Source	
2002	LEVITSKIYGreg	Haines & Company	Image pg. A1
	PIERROJohn	Haines & Company	Image pg. A1
1992	PIERRO John	OHIO BELL	

FINDINGS

Year	Uses	Source	
1985	SHUMATE Michael	OHIO BELL	
	PIERROJ John	OHIO BELL	

929 FERNDALE PL

Year	Uses	Source	
2002	LEVITSKIYGreg	Haines & Company	Image pg. A1
1985	SNIDER S	OHIO BELL	

934 FERNDALE PL

Year	Uses	Source	
2002	NOESNER Kevin	Haines & Company	Image pg. A1
1992	RANGE M	OHIO BELL	
	XAYAVONG Heidi	OHIO BELL	
1985	EVANS Enid	OHIO BELL	
	JAISON C	OHIO BELL	

937 FERNDALE PL

Year	Uses	Source	
2002	SHAYNES Richand	Haines & Company	Image pg. A1
1992	SLOUGH Steve	OHIO BELL	
1985	PIERCE Franklin C	OHIO BELL	

940 FERNDALE PL

Year	Uses	Source	
2002	HOYJay	Haines & Company	Image pg. A1
1992	BEANS Trina L	OHIO BELL	

947 FERNDALE PL

Year	Uses	Source	
2002	BRADLEYRochrata L	Haines & Company	Image pg. A1

948 FERNDALE PL

Year	Uses	Source	
2002	HART Richard	Haines & Company	Image pg. A1

949 FERNDALE PL

Year	Uses	Source	
2002	YEAGERVcki	Haines & Company	Image pg. A1

FINDINGS

950 FERNDALE PL

Year	Uses	Source	
2002	HENDERSON Evelyn R	Haines & Company	Image pg. A1
1992	REZOS Chris	OHIO BELL	
1985	SHARPE SL	OHIO BELL	

953 FERNDALE PL

Year	Uses	Source	
2002	YEAGERVickl	Haines & Company	Image pg. A1

956 FERNDALE PL

Year	Uses	Source	
2002	SMITH Keih	Haines & Company	Image pg. A1
1992	STEPP Thos E	OHIO BELL	
1985	MILLER Tony	OHIO BELL	

958 FERNDALE PL

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A1

960 FERNDALE PL

Year	Uses	Source	
2002	ROGERSJ	Haines & Company	Image pg. A1
1992	CUNNINGHAM P G	OHIO BELL	
1985	CUNNINGHAM E H	OHIO BELL	

962 FERNDALE PL

Year	Uses	Source	
2002	MARTINMary A	Haines & Company	Image pg. A1
1992	PIATT Steve	OHIO BELL	
	SISLER Kevin	OHIO BELL	
	KEENER Jonathan H	OHIO BELL	

LIVINGSTON AVE E

2050 LIVINGSTON AVE E

Year	Uses	Source	
1952	No return	R. L. Polk & Co.	Image pg. A16
1947	McCoy Clyde	R. L. Polk & Co.	Image pg. A20
1937	Emmert Geo	R. L. Polk & Co.	Image pg. A27
	irear Independent Rendering Co	R. L. Polk & Co.	Image pg. A27

FINDINGS

Year	Uses	Source	
1937	Alum Creek crosses	R. L. Polk & Co.	Image pg. A27

2063 LIVINGSTON AVE E

Year	Uses	Source	
1971	Golden Horseshoe Cocktail Lounge	R. L. Polk & Co.	Image pg. A9
	Matan Claudia	R. L. Polk & Co.	Image pg. A9
1965	SIMMONS & SON INC AUTO USED	R. L. Polk & Co.	Image pg. A10

2066 LIVINGSTON AVE E

Year	Uses	Source	
1947	Kinkead Trucking Co	R. L. Polk & Co.	Image pg. A20

2070 LIVINGSTON AVE E

Year	Uses	Source	
1960	Used Traller Hq	R. L. Polk & Co.	Image pg. A11
1956	Pettys Food Mkt gro	R. L. Polk & Co.	Image pg. A12
1952	Petty John T gro	R. L. Polk & Co.	Image pg. A16
1947	No return	R. L. Polk & Co.	Image pg. A20

2080 LIVINGSTON AVE E

Year	Uses	Source	
1971	Humble Oil & Refining Co Br gas st	R. L. Polk & Co.	Image pg. A9
1965	MARSHS HUMBLE OIC GAS STA	R. L. Polk & Co.	Image pg. A10
1960	Beverlee Drive In br restr	R. L. Polk & Co.	Image pg. A11

2087 LIVINGSTON AVE E

Year	Uses	Source	
1971	Ricks Car Wash Inc	R. L. Polk & Co.	Image pg. A9
1965	MINIT MAN AUTOMATIC CAR WASH INC BR	R. L. Polk & Co.	Image pg. A10

2088 LIVINGSTON AVE E

Year	Uses	Source	
1956	Eastmore Drive In	R. L. Polk & Co.	Image pg. A12

2097 LIVINGSTON AVE E

Year	Uses	Source	
1971	Byers Geo Sons Inc used cars	R. L. Polk & Co.	Image pg. A9
1965	MAYERS LEX CHEVROLET INC USED CAR DEPT	R. L. Polk & Co.	Image pg. A10

FINDINGS

2110 LIVINGSTON AVE E

Year	Uses	Source	
1971	Scotts Shirt Laundry	R. L. Polk & Co.	Image pg. A9
1965	SCOTTS SHIRT LAUNDRY	R. L. Polk & Co.	Image pg. A10
1960	Scotts Shirt Laundry	R. L. Polk & Co.	Image pg. A11
1956	Scotts Laundromat	R. L. Polk & Co.	Image pg. A12

2130 LIVINGSTON AVE E

Year	Uses	Source	
1971	Webster A C Plumbing & Heating Inc	R. L. Polk & Co.	Image pg. A9
	Webster J R Insurance Claim Service	R. L. Polk & Co.	Image pg. A9
1965	WEBSTER A C PLUMBING & HEATING	R. L. Polk & Co.	Image pg. A10
1960	Webster A C Plmb & Htg	R. L. Polk & Co.	Image pg. A11
1956	Webster A C Plmb & Htg	R. L. Polk & Co.	Image pg. A12
1952	Webster A C Plmb & Htg	R. L. Polk & Co.	Image pg. A16

2133 LIVINGSTON AVE E

Year	Uses	Source	
1971	Burger Boy Drive In restr	R. L. Polk & Co.	Image pg. A9
1965	BURGER BOY DRIVE IN RESTR	R. L. Polk & Co.	Image pg. A10
1960	Burger Boy Drive In restr	R. L. Polk & Co.	Image pg. A11
1956	Burger Boy Drive In	R. L. Polk & Co.	Image pg. A12

2140 LIVINGSTON AVE E

Year	Uses	Source	
1971	Getreu Texaco Serv	R. L. Polk & Co.	Image pg. A9
1965	GETREU TEXACO SERV	R. L. Polk & Co.	Image pg. A10

2148 LIVINGSTON AVE E

Year	Uses	Source	
1960	Birch Fire Equip Co	R. L. Polk & Co.	Image pg. A11
1956	Birch Fire Equip Co	R. L. Polk & Co.	Image pg. A12
1952	Birch Fire Equip Co	R. L. Polk & Co.	Image pg. A16

2167 LIVINGSTON AVE E

Year	Uses	Source	
1971	Golden Eight Ball billiard	R. L. Polk & Co.	Image pg. A9
1965	ROSATIS SUPER MARKET	R. L. Polk & Co.	Image pg. A10
1960	Super Duper Super Mkts gro	R. L. Polk & Co.	Image pg. A11

FINDINGS

2172 LIVINGSTON AVE E

Year	Uses	Source	
1971	Webster Garage	R. L. Polk & Co.	Image pg. A9
1965	WEBSTER GARAGE AUTO REPR	R. L. Polk & Co.	Image pg. A10
1960	Webster Garage auto reprs	R. L. Polk & Co.	Image pg. A11
1956	Webster Garage reprs	R. L. Polk & Co.	Image pg. A12
1952	Webster Milo D auto repr	R. L. Polk & Co.	Image pg. A16
1947	Webster Milo D auto repr	R. L. Polk & Co.	Image pg. A20

2173 LIVINGSTON AVE E

Year	Uses	Source	
1971	State Dept Liquor Control Store No	R. L. Polk & Co.	Image pg. A9
1960	Super Duper Super Mkts gro	R. L. Polk & Co.	Image pg. A11

2182 LIVINGSTON AVE E

Year	Uses	Source	
1971	Martin & Sons Sunoco Service Station	R. L. Polk & Co.	Image pg. A9
1965	MILLERS SUNOCO SERVICE STATION	R. L. Polk & Co.	Image pg. A10
1960	Millers Sunoco Service Station gas sta	R. L. Polk & Co.	Image pg. A11
1956	Burnside Sunoco Serv Sta gas	R. L. Polk & Co.	Image pg. A12
1952	Ballanger Robt F gasoline	R. L. Polk & Co.	Image pg. A16

MAYFIELD PL

814 MAYFIELD PL

Year	Uses	Source	
2002	SMALLWO 09 Harry	Haines & Company	Image pg. A5

900 MAYFIELD PL

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A5

Mayfield Pl

909 Mayfield Pl

Year	Uses	Source
2005	BEXLEY COURT APTS	EDR Digital Archive
	BEXLEY COURT APTS	EDR Digital Archive

FINDINGS

MAYFIELD PL

909 MAYFIELD PL

Year	*Uses*	*Source*	
2002	GAINESTony	Haines & Company	Image pg. A5
	CITY OF BEXLEY	Haines & Company	Image pg. A5
	BEXLEYCSD	Haines & Company	Image pg. A5
	BEXLEY TERRACE	Haines & Company	Image pg. A5
1992	WALLAND Thos M	OHIO BELL	
	Michael	OHIO BELL	
	BENNERAM Brian	OHIO BELL	
	BOOTHE Terry L	OHIO BELL	
	BOWERMAN Kirt	OHIO BELL	
	BRAMEL Danial	OHIO BELL	
	BROOKS Ted	OHIO BELL	
	DASH Andrew	OHIO BELL	
	DESROSIER Lee	OHIO BELL	
	DRUMHELLER Alan	OHIO BELL	
	ECKENRODE Kevin	OHIO BELL	
	EXLEY Jack	OHIO BELL	
	FIGURSKI Greg	OHIO BELL	
	FITZGERALD A	OHIO BELL	
	FOSTER Daniel	OHIO BELL	
	GOUGHENOUR Lee	OHIO BELL	
	GREEN Y	OHIO BELL	
	GUOAN Krista	OHIO BELL	
	KUNCHAL KU NDEL S	OHIO BELL	
	LACEY J	OHIO BELL	
	LEWIS I Stacey	OHIO BELL	
	MACRI Carmine	OHIO BELL	
	MASCHING Donald Jr	OHIO BELL	
	MCCORMICK Tom	OHIO BELL	
	MCGILL De Ron L	OHIO BELL	
	MCMULLEN Ed J	OHIO BELL	
	SHUNK Marc P	OHIO BELL	
	SIDELINGER Jas	OHIO BELL	
	THIELET Larry	OHIO BELL	
	WALKER Chas	OHIO BELL	
1985	DAYD D	OHIO BELL	

FINDINGS

Year	Uses	Source	
1985	DRUMHELLER Alan	OHIO BELL	
	GOODMAN Joe	OHIO BELL	
	HARRISON Robt	OHIO BELL	
	HOWELL John W	OHIO BELL	
	JOHNSON L	OHIO BELL	
	JONES K L	OHIO BELL	
	MACKALL Wendell K	OHIO BELL	
	PRATHER Kenneth E	OHIO BELL	
	SABIN J	OHIO BELL	
	STAGE Terri L	OHIO BELL	
	TENSON Joe	OHIO BELL	
	TINKER Wm	OHIO BELL	
	TRIPLETT Thos	OHIO BELL	
	WASHINGTON Eddie Lee	OHIO BELL	
	WATSON Douglas	OHIO BELL	
	WILLIAMS Steven S	OHIO BELL	
	COURTJ Stephen W	OHIO BELL	

914 MAYFIELD PL

Year	Uses	Source	
1985	SCHNEDER Harry J	OHIO BELL	

920 MAYFIELD PL

Year	Uses	Source	
2002	SMALLWOOD Harry	Haines & Company	Image pg. A5

Mayfield Pl

924 Mayfield Pl

Year	Uses	Source	
2005	CEE & CEE FASHIONS	EDR Digital Archive	
	CEE & CEE FASHIONS	EDR Digital Archive	

MAYFIELD PL

924 MAYFIELD PL

Year	Uses	Source	
2002	JONES Donna	Haines & Company	Image pg. A5
	A JONESJ	Haines & Company	Image pg. A5
1985	TARTAGLIA Paul	OHIO BELL	

FINDINGS

925 MAYFIELD PL

Year	*Uses*	*Source*	
2002	APARTMENTS	Haines & Company	Image pg. A5
	BEATNoah F	Haines & Company	Image pg. A5
	BOZMANDardia	Haines & Company	Image pg. A5
	BURGESSPaula D	Haines & Company	Image pg. A5
	CHEATHAM Mite	Haines & Company	Image pg. A5
	CRITTENOON Thomas L	Haines & Company	Image pg. A5
	HEATH Raquala	Haines & Company	Image pg. A5
	NALL Sanders	Haines & Company	Image pg. A5
	NEEHALLMohareas	Haines & Company	Image pg. A5
	OZALPASANCe M	Haines & Company	Image pg. A5
	SEIDERirehart W	Haines & Company	Image pg. A5
	THOMPSON DE	Haines & Company	Image pg. A5
	WILLIAMSAlan	Haines & Company	Image pg. A5
	THOMPSON DE	Haines & Company	Image pg. A5
1992	WHALEN Mark	OHIO BELL	
	WILLIAMS Willy	OHIO BELL	
	LANG Maurice C	OHIO BELL	
	MCVEY John	OHIO BELL	
	MOLL C Andrew	OHIO BELL	
	PARTIN Dave	OHIO BELL	
	PRAWDZIK Paul E	OHIO BELL	
	ROBBINS Brian	OHIO BELL	
	SHREVE Dave	OHIO BELL	
	STANLEY Joe J	OHIO BELL	
	STEIN Tommy C	OHIO BELL	
	WALLACE Greg S	OHIO BELL	
	WEBER Tina	OHIO BELL	
	ARMSTEAD Sally	OHIO BELL	
	BOLL Deandra	OHIO BELL	
	BOWUNG Mark A	OHIO BELL	
	CRAMER Douglas L	OHIO BELL	
	CURD Marcus	OHIO BELL	
	DANIELS David B	OHIO BELL	
	DAVIS Casey	OHIO BELL	
	DEET Kevin M	OHIO BELL	
	EARLS Scott	OHIO BELL	
	EDWARDS Chas	OHIO BELL	

FINDINGS

Year	Uses	Source	
1992	ELDRIDGE Johnny D	OHIO BELL	
	GRIMES Christopher	OHIO BELL	
	HUGHES J	OHIO BELL	
	HUMPHREY Angela	OHIO BELL	
	KING Jas Lonnie	OHIO BELL	
1985	Bexley Terrace	OHIO BELL	
	ABDUL RAHMAN Akil Frrdel	OHIO BELL	
	AVERETTE ED	OHIO BELL	
	BARRY David	OHIO BELL	
	BELCHERA	OHIO BELL	
	BURTON FE	OHIO BELL	
	BUSTOS Keibert	OHIO BELL	
	CARPENTER Chris	OHIO BELL	
	CUNNINGHAM John	OHIO BELL	
	ELLIS BROWN Clement	OHIO BELL	
	ESTEP Silvan	OHIO BELL	
	JOHNSON Bob	OHIO BELL	
	MCKEE Bryan & Sheila	OHIO BELL	
	MILLER Gary	OHIO BELL	
	MOLL C Andrew	OHIO BELL	
	PATRICK P	OHIO BELL	
	RUTLEDGE KJ	OHIO BELL	
	SMITH LA	OHIO BELL	
	STANDARD Gary	OHIO BELL	
	TEITZ Avraham& Debbie	OHIO BELL	
	TEIXEIRA Diogo2063 Westover Rd	OHIO BELL	
	URQUIA Enrique	OHIO BELL	

930 MAYFIELD PL

Year	Uses	Source	
2002	A DICKERSONPhilip L	Haines & Company	Image pg. A5
	SMALLWOOO Harry	Haines & Company	Image pg. A5
1992	BROGSDALE L M	OHIO BELL	
	SUTHERLAND K J	OHIO BELL	
1985	SMALLWOOD F L	OHIO BELL	

940 MAYFIELD PL

Year	Uses	Source	
2002	A LEE FR	Haines & Company	Image pg. A5

FINDINGS

Year	Uses	Source	
2002	WILLIAMS Patrick	Haines & Company	Image pg. A5
1985	WHITESIDEA Clyde	OHIO BELL	

946 MAYFIELD PL

Year	Uses	Source	
1992	JACKSON Dawne	OHIO BELL	

949 MAYFIELD PL

Year	Uses	Source	
2002	WILLIAMS Patrick	Haines & Company	Image pg. A5

952 MAYFIELD PL

Year	Uses	Source	
2002	WILLIAMS Patrick	Haines & Company	Image pg. A5
	PARTEEKeneitha	Haines & Company	Image pg. A5
1992	BUTLER Merle	OHIO BELL	
	DUBLIN D	OHIO BELL	

SHARON AVE

973 SHARON AVE

Year	Uses	Source	
1992	DAVIS Jffrey S	OHIO BELL	

SHERIDAN AVE

834 SHERIDAN AVE

Year	Uses	Source	
2002	C 00 ANSeah	Haines & Company	Image pg. A6
	GRILLOTPJ	Haines & Company	Image pg. A6
	OReilly Paul D	Haines & Company	Image pg. A6
1992	PEARSON Samuel C	OHIO BELL	
	GRILLOT PJ	OHIO BELL	
	OREILLY Paul D	OHIO BELL	
1985	FAIRCHILD EA	OHIO BELL	
1962	Herbstreit John C	R. L. Polk & Co.	
	Grace Sylvia Mrs	R. L. Polk & Co.	
1957	Denser Helen Mrs	R. L. Polk & Co.	
1952	Moebius John C	R. L. Polk & Co.	Image pg. A17
	Berliner Jules B	R. L. Polk & Co.	Image pg. A17

FINDINGS

Year	Uses	Source	
1947	Gailey Geo J	R. L. Polk & Co.	Image pg. A21
	Berliner Jules B	R. L. Polk & Co.	Image pg. A21
1942	Wiaise Ienry B	R. L. Polk & Co.	Image pg. A25
	Rchoen Vh 1 al Canlton L	R. L. Polk & Co.	Image pg. A25
1937	Brown Russell B	R. L. Polk & Co.	Image pg. A28
	Barber Clarence M	R. L. Polk & Co.	Image pg. A28
1932	Bradner Lynn H	R. L. Polk & Co.	

835 SHERIDAN AVE

Year	Uses	Source	
2002	CALLAHANLlsa	Haines & Company	Image pg. A6
	CALLAHAN James	Haines & Company	Image pg. A6
1992	SHOSTAK Semeon	OHIO BELL	
1985	KEENEY Steven R	OHIO BELL	

837 SHERIDAN AVE

Year	Uses	Source	
1992	ROMANOFF Pat	OHIO BELL	

839 SHERIDAN AVE

Year	Uses	Source	
2002	BROWN David Aaron	Haines & Company	Image pg. A6
1985	ALPER NtLM	OHIO BELL	

840 SHERIDAN AVE

Year	Uses	Source	
2002	TAROTKal	Haines & Company	Image pg. A6
1992	WILSON Todd A	OHIO BELL	
	THOMAS Joe	OHIO BELL	
1962	Armstrong Allf B BEV 51 4	R. L. Polk & Co.	
1957	Armstrong Alf B	R. L. Polk & Co.	
1952	Armstrong Alf V	R. L. Polk & Co.	Image pg. A17
1947	Armstrong Alf V	R. L. Polk & Co.	Image pg. A21
1942	Dobolt Harlin H	R. L. Polk & Co.	Image pg. A25
1937	Garvin John F	R. L. Polk & Co.	Image pg. A28
	Sehiefer Kath Mrs	R. L. Polk & Co.	Image pg. A28
1932	Schiefer John V	R. L. Polk & Co.	
1927	J B Schiefer	R. L. Polk & Co.	

FINDINGS

845 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Ables Geo C BE 5 2 S	R. L. Polk & Co.	
1957	Ables Geo C	R. L. Polk & Co.	
1952	Stebelton Helen Mrs	R. L. Polk & Co.	Image pg. A17
1947	Stebelton Russell F	R. L. Polk & Co.	Image pg. A21
1942	Stohelton Russell F	R. L. Polk & Co.	Image pg. A25
1937	Greenfield Alex S	R. L. Polk & Co.	Image pg. A28
1932	German Edw J	R. L. Polk & Co.	

847 SHERIDAN AVE

Year	Uses	Source	
1962	Deeot Rihlhd	R. L. Polk & Co.	
1957	Krueger Theophil A	R. L. Polk & Co.	
1952	Krueger Theophil A Rev	R. L. Polk & Co.	Image pg. A17
1947	Teegardin Shelby	R. L. Polk & Co.	Image pg. A21
1942	Penburir Herbert L	R. L. Polk & Co.	Image pg. A25
1937	Sheetz Boy	R. L. Polk & Co.	Image pg. A28
1932	Kidner Carl R	R. L. Polk & Co.	

850 SHERIDAN AVE

Year	Uses	Source	
2002	SCHWARZCandis 00 I	Haines & Company	Image pg. A6
	A FLATEAU Daniel	Haines & Company	Image pg. A6
	JACOBS Nel M	Haines & Company	Image pg. A6
1992	FAILLA D J	OHIO BELL	
	ALBAIU Tudor	OHIO BELL	
1985	DUNCAN Raleigh	OHIO BELL	
1962	Endg Mary Krone Louis J BE	R. L. Polk & Co.	

851 SHERIDAN AVE

Year	Uses	Source	
2002	MITCHELLJef Irey	Haines & Company	Image pg. A6
	TIEDEHottinger David	Haines & Company	Image pg. A6
1992	CABEL Rob & Esti	OHIO BELL	
1985	SCHIFF Leonard& Harriett	OHIO BELL	

853 SHERIDAN AVE

Year	Uses	Source	
2002	MORRISAllan	Haines & Company	Image pg. A6

FINDINGS

Year	Uses	Source	
1985	DUREU G Britton	OHIO BELL	
1962	Pickering Grace Mrs BE	R. L. Polk & Co.	
1957	Pickering Lafayette	R. L. Polk & Co.	
1952	Pickering Lafayette D	R. L. Polk & Co.	Image pg. A17
1947	Pickering Lafayette D	R. L. Polk & Co.	Image pg. A21
1942	Pivkering Lafayette D	R. L. Polk & Co.	Image pg. A25
1937	Pickering Lafayette D	R. L. Polk & Co.	Image pg. A28
1932	Pickering Lafayette D	R. L. Polk & Co.	
1927	Lafayette Pickering	R. L. Polk & Co.	

856 SHERIDAN AVE

Year	Uses	Source	
2002	SIXSusan	Haines & Company	Image pg. A6
1992	MILLER Gary D	OHIO BELL	
1985	MILLER Gary D	OHIO BELL	
1957	Anastos Frank	R. L. Polk & Co.	
1952	Anastos Frank	R. L. Polk & Co.	Image pg. A17
1947	Anastos Frank	R. L. Polk & Co.	Image pg. A21
1942	Messerknecht Carl F	R. L. Polk & Co.	Image pg. A25
1937	Messerknecht Carl F	R. L. Polk & Co.	Image pg. A28
1932	Messerknecht Carl F	R. L. Polk & Co.	
1927	C F Messerknecht	R. L. Polk & Co.	

Sheridan Ave

857 Sheridan Ave

Year	Uses	Source
2014	YETZER ENGINEERING	EDR Digital Archive
	YETZER ENGINEERING	EDR Digital Archive

SHERIDAN AVE

857 SHERIDAN AVE

Year	Uses	Source	
2002	MIDLAMTerry	Haines & Company	Image pg. A6
1992	BOUSFIHA Mohammed	OHIO BELL	
	LUCAS Geo	OHIO BELL	
1962	Benedict Paul N BE	R. L. Polk & Co.	
	j Nb Retc	R. L. Polk & Co.	
1957	Benedict Paul N	R. L. Polk & Co.	

FINDINGS

Year	Uses	Source	
1957	Benedict Minnie F	R. L. Polk & Co.	
1952	Benedict Paul N	R. L. Polk & Co.	Image pg. A17
1947	Benedict Paul N	R. L. Polk & Co.	Image pg. A21
	Dysart Hollie	R. L. Polk & Co.	Image pg. A21
1942	Spenieer Chas M	R. L. Polk & Co.	Image pg. A25
	Stevens reter	R. L. Polk & Co.	Image pg. A25
1937	Camprbell Margt	R. L. Polk & Co.	Image pg. A28
	Ritchie I Leo A	R. L. Polk & Co.	Image pg. A28
1932	Le Man Frank D	R. L. Polk & Co.	

861 SHERIDAN AVE

Year	Uses	Source	
2002	MYERSML	Haines & Company	Image pg. A6
	BENNETTMargaret	Haines & Company	Image pg. A6
1992	BENNETT Geo Jr	OHIO BELL	
1985	BENNETT Geo Jr	OHIO BELL	
1962	Minkoft Robt fl E	R. L. Polk & Co.	
1957	Wacker Norbert P	R. L. Polk & Co.	
1952	Wacker Norbert P	R. L. Polk & Co.	Image pg. A17
1947	Wacker Norbert P	R. L. Polk & Co.	Image pg. A21
1942	Millller Jo$hn C	R. L. Polk & Co.	Image pg. A25
1937	Miller Jchn C	R. L. Polk & Co.	Image pg. A28
1932	Miller John C	R. L. Polk & Co.	
1927	J C Miller	R. L. Polk & Co.	

862 SHERIDAN AVE

Year	Uses	Source	
2002	LONGSTRETHCraig	Haines & Company	Image pg. A6
1992	ORNSTEIN David	OHIO BELL	
	COMBS Carmen	OHIO BELL	
1962	Wajner Edna Mrs K f E	R. L. Polk & Co.	
1957	No return	R. L. Polk & Co.	
1952	Freeman Thos D	R. L. Polk & Co.	Image pg. A17
1947	Freeman Thos D	R. L. Polk & Co.	Image pg. A21
1942	Freemnan Thlos D	R. L. Polk & Co.	Image pg. A25
1937	Clark Earl V	R. L. Polk & Co.	Image pg. A28
1932	Knepiper Emma Mrs	R. L. Polk & Co.	
1927	Mrs Emma Knepper	R. L. Polk & Co.	

FINDINGS

866 SHERIDAN AVE

Year	Uses	Source	
2002	OWADDELLR	Haines & Company	Image pg. A6
1992	WOOD T	OHIO BELL	
1962	Pa aropou los Jolhn S BE 5 18 7 B	R. L. Polk & Co.	
1957	Pazaropoulos John	R. L. Polk & Co.	
1952	Butterfield Marcella	R. L. Polk & Co.	Image pg. A17
1947	Papke Earl R Rev	R. L. Polk & Co.	Image pg. A21
1942	Harner Troy W	R. L. Polk & Co.	Image pg. A25
1937	Tatem Durward E	R. L. Polk & Co.	Image pg. A28
1932	Grunstein Sami L	R. L. Polk & Co.	

868 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1992	REILLEY P A	OHIO BELL	
1985	ELIZONDO Martha	OHIO BELL	
1962	Gavalla Jean BE	R. L. Polk & Co.	
1957	Gavalla Jean	R. L. Polk & Co.	
1952	Brown Bernard M	R. L. Polk & Co.	Image pg. A17
1947	Gerhold Leo L	R. L. Polk & Co.	Image pg. A21
1942	Newiurna Frank M	R. L. Polk & Co.	Image pg. A25
1937	Vacant	R. L. Polk & Co.	Image pg. A28
1932	Schofer Aug	R. L. Polk & Co.	

870 SHERIDAN AVE

Year	Uses	Source	
2002	DOWELL Rachel	Haines & Company	Image pg. A6
	JACKSON Brian	Haines & Company	Image pg. A6
1985	SMITH B	OHIO BELL	
1962	Vacant	R. L. Polk & Co.	
1957	Tagliam buris Nicola	R. L. Polk & Co.	
1952	Condon Robt W	R. L. Polk & Co.	Image pg. A17
1947	Condon Robt W	R. L. Polk & Co.	Image pg. A21
1942	Fier C Em il R	R. L. Polk & Co.	Image pg. A25
1937	Stebelton Jas L	R. L. Polk & Co.	Image pg. A28
1932	Alspach Clement W	R. L. Polk & Co.	

FINDINGS

871 SHERIDAN AVE

Year	Uses	Source	
2002	MORRISON Florence	Haines & Company	Image pg. A6
1992	HENKE Philip J	OHIO BELL	
1962	Areutre Gayeton J	R. L. Polk & Co.	
	&72 Cl ark l Paul R	R. L. Polk & Co.	
1957	Morrison Florence	R. L. Polk & Co.	
1952	Morrison Murdo	R. L. Polk & Co.	Image pg. A17
1947	Morrison Murdo	R. L. Polk & Co.	Image pg. A21
1942	Morrlson Murdo	R. L. Polk & Co.	Image pg. A25
1937	Morrison Murdo	R. L. Polk & Co.	Image pg. A28
1932	Morrison Murdo	R. L. Polk & Co.	

Sheridan Ave

872 Sheridan Ave

Year	Uses	Source
2014	RED WNTING BLUE OPERATIONS LLC	EDR Digital Archive
	RED WNTING BLUE OPERATIONS LLC	EDR Digital Archive

SHERIDAN AVE

872 SHERIDAN AVE

Year	Uses	Source	
2002	TURNER Tracy	Haines & Company	Image pg. A6
1957	flowrnan John F	R. L. Polk & Co.	
1952	Strawser Jack N	R. L. Polk & Co.	Image pg. A17
1947	Strawser Jack N	R. L. Polk & Co.	Image pg. A21
1942	Powell rrank J	R. L. Polk & Co.	Image pg. A25
1937	Lewin Alvin H	R. L. Polk & Co.	Image pg. A28
	Hazard Bliss A	R. L. Polk & Co.	Image pg. A28
1932	Davis Raymond E	R. L. Polk & Co.	

873 SHERIDAN AVE

Year	Uses	Source	
2002	DAWSONSean	Haines & Company	Image pg. A6

875 SHERIDAN AVE

Year	Uses	Source
1992	STEVENS Monte A	OHIO BELL
	PARDINGTON Greg &Tracey	OHIO BELL

FINDINGS

Year	Uses	Source	
1985	PETER Jammala	OHIO BELL	
	JORGENSON Larry	OHIO BELL	
1962	j Schaefer Herbert G Rev	R. L. Polk & Co.	
	Brown HRarold 3 E Rev	R. L. Polk & Co.	
1957	Schafer John G	R. L. Polk & Co.	
	Oberdorfer Carl N	R. L. Polk & Co.	
1952	Schneider Frank	R. L. Polk & Co.	Image pg. A17
1947	Powell Ann G	R. L. Polk & Co.	Image pg. A21
1942	Daumn Ralph R	R. L. Polk & Co.	Image pg. A25
1937	Freer Slade	R. L. Polk & Co.	Image pg. A28
1932	Fitzgerald Jos T	R. L. Polk & Co.	

876 SHERIDAN AVE

Year	Uses	Source	
2002	MILENKOVICHJames	Haines & Company	Image pg. A6
1962	Olsion RK ob t W	R. L. Polk & Co.	
1957	Johnson Walter A	R. L. Polk & Co.	
1952	Johnsdn Walter A	R. L. Polk & Co.	Image pg. A17

878 SHERIDAN AVE

Year	Uses	Source	
1957	Wept Leroy F	R. L. Polk & Co.	
1952	West Leroy F	R. L. Polk & Co.	Image pg. A17

879 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6

882 SHERIDAN AVE

Year	Uses	Source	
2002	ROOD Stephen 00 I	Haines & Company	Image pg. A6
	LONGJ	Haines & Company	Image pg. A6
1962	azza Gertrude C BE	R. L. Polk & Co.	
1957	Boothe Ingram jr	R. L. Polk & Co.	
1952	Cronin Harry M	R. L. Polk & Co.	Image pg. A17
1947	Cronin Harry M	R. L. Polk & Co.	Image pg. A21
1942	Cronln Hurry M	R. L. Polk & Co.	Image pg. A25
1937	i Callahan Leslie	R. L. Polk & Co.	Image pg. A28
	Jackson Lonnie M	R. L. Polk & Co.	Image pg. A28
1932	Fogerty Thos F	R. L. Polk & Co.	

FINDINGS

884 SHERIDAN AVE

Year	Uses	Source	
2002	ROOD Stephen	Haines & Company	Image pg. A6
1962	Baxter arriet M Mrs BE	R. L. Polk & Co.	
1957	Baxter Harriet NM	R. L. Polk & Co.	
1952	Baxter Lowell C	R. L. Polk & Co.	Image pg. A17
1947	Baxter Lowell C	R. L. Polk & Co.	Image pg. A21
1942	Baxter Lowell C B	R. L. Polk & Co.	Image pg. A25
1937	Carpenter Claude V	R. L. Polk & Co.	Image pg. A28
1932	Ascher Jas K	R. L. Polk & Co.	

885 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Hirsch David A BE	R. L. Polk & Co.	
1957	Hirsch avid A	R. L. Polk & Co.	
1952	Hirsch David D	R. L. Polk & Co.	Image pg. A17
1947	Hirsch David A	R. L. Polk & Co.	Image pg. A21
1942	Hirsch David A	R. L. Polk & Co.	Image pg. A25
	Charles begins	R. L. Polk & Co.	Image pg. A25
1937	Underwood Clarence E	R. L. Polk & Co.	Image pg. A28
1932	Lloyd Jas A	R. L. Polk & Co.	
1927	C A Miller	R. L. Polk & Co.	

Sheridan Ave

889 Sheridan Ave

Year	Uses	Source
2010	H LEE TOY CO	EDR Digital Archive
	H LEE TOY CO	EDR Digital Archive
2005	H LEE TOY CO	EDR Digital Archive
	H LEE TOY CO	EDR Digital Archive

SHERIDAN AVE

889 SHERIDAN AVE

Year	Uses	Source	
2002	SWEENEY Barbara 00 I	Haines & Company	Image pg. A6
	THOMPSON H Lee	Haines & Company	Image pg. A6
1962	Charles btegiasi	R. L. Polk & Co.	

FINDINGS

Year	Uses	Source	
1962	Scherer T hos M BE	R. L. Polk & Co.	
1957	Charles begins	R. L. Polk & Co.	
	Fisher Fred R	R. L. Polk & Co.	

891 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Mcr ew Wayne D B E	R. L. Polk & Co.	
1957	MNc Grew N D	R. L. Polk & Co.	

896 SHERIDAN AVE

Year	Uses	Source	
2002	COOKSean	Haines & Company	Image pg. A6
1985	WEBB W	OHIO BELL	
1962	Sorlein Paul	R. L. Polk & Co.	
1957	Finkelstein Irving	R. L. Polk & Co.	
1952	Vacant	R. L. Polk & Co.	Image pg. A17
1947	Graf Ellsworth E	R. L. Polk & Co.	Image pg. A21

898 SHERIDAN AVE

Year	Uses	Source	
1992	PHINNRY S D	OHIO BELL	
1985	HAWKINS Richard	OHIO BELL	
1962	Hifford Dorothi Ly R BE	R. L. Polk & Co.	
1957	Spiers Walter L	R. L. Polk & Co.	
1952	Sobel Lee	R. L. Polk & Co.	Image pg. A17
1947	Shaffer Donald E	R. L. Polk & Co.	Image pg. A21

899 SHERIDAN AVE

Year	Uses	Source	
2002	BIGRIGGWayne	Haines & Company	Image pg. A6
1992	BIGRIGG Wayne	OHIO BELL	
1985	BIGRIGG Wayne	OHIO BELL	
1962	Bigrig W ra rn& 1 V BB	R. L. Polk & Co.	
1957	Bigrigg Wayne	R. L. Polk & Co.	
1952	Althaus Geo J	R. L. Polk & Co.	Image pg. A17
1947	Althaus Geo J	R. L. Polk & Co.	Image pg. A22
1942	Altii Haus Geo J 0 contr	R. L. Polk & Co.	Image pg. A25
1937	Althaus Geo J	R. L. Polk & Co.	Image pg. A28
1932	Althaus Geo J plstr	R. L. Polk & Co.	

FINDINGS

Year	Uses	Source	
1927	G J Althaus	R. L. Polk & Co.	

900 SHERIDAN AVE

Year	Uses	Source	
2002	SHERIDANAV	Haines & Company	Image pg. A6
	XXXX	Haines & Company	Image pg. A6
1992	JOHNSON T C	OHIO BELL	
1985	MACKLIN M	OHIO BELL	
1962	Gibson Lou F BE	R. L. Polk & Co.	
1957	Pancoast Donald F	R. L. Polk & Co.	
1952	Pancoast Donald F	R. L. Polk & Co.	Image pg. A17
1947	Vacant	R. L. Polk & Co.	Image pg. A22

901 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6

902 SHERIDAN AVE

Year	Uses	Source	
2002	Elizabeth	Haines & Company	Image pg. A6
	CONDOPOULOS 614 230 I	Haines & Company	Image pg. A6
	CONDOPOULOSE	Haines & Company	Image pg. A6
1992	CHERWINSKI Jas D	OHIO BELL	
1985	KUHNER P	OHIO BELL	
1962	Athey Arnold J BES 9547	R. L. Polk & Co.	
1957	Cocklin Richd F	R. L. Polk & Co.	
1952	Gahr Wm T	R. L. Polk & Co.	Image pg. A17
1947	Werner Clifford W	R. L. Polk & Co.	Image pg. A22

905 SHERIDAN AVE

Year	Uses	Source	
2002	KARR Karen G 6 M	Haines & Company	Image pg. A6
	BARTLEY Donald	Haines & Company	Image pg. A6
1962	Moorehead Zita MI nrs 01 E	R. L. Polk & Co.	
1957	Moorhead Byron	R. L. Polk & Co.	
1952	Moorehead Byron	R. L. Polk & Co.	Image pg. A17
1947	Rosenthal Louis M	R. L. Polk & Co.	Image pg. A22
1942	Goldlim Edw	R. L. Polk & Co.	Image pg. A25
1937	Awe Geo F	R. L. Polk & Co.	Image pg. A28
1932	Seyerle Walter	R. L. Polk & Co.	

Year	Uses	Source
1927	Cornelius Frey	R. L. Polk & Co.

Sheridan Ave

908 Sheridan Ave

Year	Uses	Source
2014	ALL ABOUT PHOTOGRAPHY AND BKS	EDR Digital Archive
	ALL ABOUT PHOTOGRAPHY AND BKS	EDR Digital Archive
2010	ALL ABOUT PHOTOGRAPHY AND BKS	EDR Digital Archive
	ALL ABOUT PHOTOGRAPHY AND BKS	EDR Digital Archive

SHERIDAN AVE

908 SHERIDAN AVE

Year	Uses	Source	
2002	OLAKEGre 18 614 23y 5v	Haines & Company	Image pg. A6
1985	KORTE Carleen	OHIO BELL	
1962	Hinilel Fear Mrs 0 BES 8545	R. L. Polk & Co.	
1957	Hinkle Fern Mrs	R. L. Polk & Co.	
1952	Vacant	R. L. Polk & Co.	Image pg. A17
1947	Mulligan Thos J	R. L. Polk & Co.	Image pg. A22
1942	Taylor Cerald H	R. L. Polk & Co.	Image pg. A25
1937	Wick Neil A	R. L. Polk & Co.	Image pg. A28
1932	Dysart Homer	R. L. Polk & Co.	

910 SHERIDAN AVE

Year	Uses	Source	
2002	GIBSON Frances E B	Haines & Company	Image pg. A6
1962	Farley Robt 3 Bf E	R. L. Polk & Co.	
1957	Farley Robt J	R. L. Polk & Co.	
1952	Farley Robt J	R. L. Polk & Co.	Image pg. A17
1947	Farley Robt J	R. L. Polk & Co.	Image pg. A22
1942	Johnson Howard	R. L. Polk & Co.	Image pg. A25
1937	Johnston Howard	R. L. Polk & Co.	Image pg. A28
1932	Bingham Wm	R. L. Polk & Co.	

911 SHERIDAN AVE

Year	Uses	Source	
2002	HARDY Donald Jr Ore	Haines & Company	Image pg. A6
1992	HARDY Donald Jr	OHIO BELL	

FINDINGS

Year	Uses	Source	
1985	HARDY Donald Jr	OHIO BELL	
1962	Johnson Maynard E BE	R. L. Polk & Co.	
1957	Shaw Thos R	R. L. Polk & Co.	
1952	Culp Arlus D contr	R. L. Polk & Co.	Image pg. A17
1947	Culp Arlus D plstr contr	R. L. Polk & Co.	Image pg. A22
1942	Culp Anrlus I ontr	R. L. Polk & Co.	Image pg. A25
1937	Culp Arlus D plstr contr	R. L. Polk & Co.	Image pg. A28
1932	Culp Arlus D contr	R. L. Polk & Co.	

912 SHERIDAN AVE

Year	Uses	Source	
2002	SDUCATODebra	Haines & Company	Image pg. A6
1992	DEHNBOSTEL N J	OHIO BELL	
1985	COON D R	OHIO BELL	
1962	Sullivan John L 0 BE	R. L. Polk & Co.	
1957	Sullivan Jack L	R. L. Polk & Co.	
1952	Groby Frank	R. L. Polk & Co.	Image pg. A17
1947	Nalley Jos N	R. L. Polk & Co.	Image pg. A22
1942	Girelle Walter W	R. L. Polk & Co.	Image pg. A25
1937	Grelle Walter W	R. L. Polk & Co.	Image pg. A28
1932	Davis Thos M	R. L. Polk & Co.	

914 SHERIDAN AVE

Year	Uses	Source	
2002	LESSEMA 614 231 I	Haines & Company	Image pg. A6
	LESSEMDavid 61e a	Haines & Company	Image pg. A6
1992	ANDRIKO V M	OHIO BELL	
1985	BAUM Michael	OHIO BELL	
1962	Vacant	R. L. Polk & Co.	
1957	Snyder Richd W	R. L. Polk & Co.	
1952	Groby Wilbur D	R. L. Polk & Co.	Image pg. A17
1947	Groby Wilbur D	R. L. Polk & Co.	Image pg. A22
1942	Hiinterscheid Neil J	R. L. Polk & Co.	Image pg. A25
1937	real est	R. L. Polk & Co.	Image pg. A28
	Guthrie Minnie W Mrs	R. L. Polk & Co.	Image pg. A28
	Walworthy Blanche G Mrs	R. L. Polk & Co.	Image pg. A28
	W alworthy Lynn W	R. L. Polk & Co.	Image pg. A28
1932	Vacant	R. L. Polk & Co.	

FINDINGS

915 SHERIDAN AVE

Year	Uses	Source	
2002	HERSZAGEScolt	Haines & Company	Image pg. A6
1992	TURNER L E	OHIO BELL	
1985	CAMPBELL L	OHIO BELL	
1962	Davidorf Fredk H	R. L. Polk & Co.	

Sheridan Ave

916 Sheridan Ave

Year	Uses	Source
2005	WACK HEATHER	EDR Digital Archive
	WACK HEATHER	EDR Digital Archive

SHERIDAN AVE

916 SHERIDAN AVE

Year	Uses	Source	
2002	OMAHER Valerie	Haines & Company	Image pg. A6
	BERECZ Nalalee 614 Sn!u	Haines & Company	Image pg. A6
	BEREOZJasos 614 5 E!	Haines & Company	Image pg. A6
1962	Ballantyne John NI 0 B 3 E	R. L. Polk & Co.	
1957	Ballantyne John M	R. L. Polk & Co.	
1952	Keene Elmo K	R. L. Polk & Co.	Image pg. A17
1947	Keene Elmo K	R. L. Polk & Co.	Image pg. A22
1942	Upton Id Ihl D	R. L. Polk & Co.	Image pg. A25
1937	Reiland Win E	R. L. Polk & Co.	Image pg. A28
1932	Cameron John V	R. L. Polk & Co.	

917 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1985	FISCHMAN Alberto	OHIO BELL	
1962	Smith Abert T	R. L. Polk & Co.	

Sheridan Ave

918 Sheridan Ave

Year	Uses	Source
2014	BARRETT CAPITAL GROUP LLC	EDR Digital Archive
	BARRETT CAPITAL GROUP LLC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2010	BARRETT CAPITAL GROUP LLC	EDR Digital Archive
	BARRETT CAPITAL GROUP LLC	EDR Digital Archive

SHERIDAN AVE

918 SHERIDAN AVE

Year	Uses	Source	
2002	MAHERValerie 614 231 T B	Haines & Company	Image pg. A6
1962	Keene Emflrlo MN 0 BE	R. L. Polk & Co.	
1957	Keene Elmo M	R. L. Polk & Co.	
1952	Keene Elmo M	R. L. Polk & Co.	Image pg. A17
1947	Keene Elmo M	R. L. Polk & Co.	Image pg. A22
1942	Elstss Donald H	R. L. Polk & Co.	Image pg. A25
1937	Craig Wm C	R. L. Polk & Co.	Image pg. A28
1932	Metzger Edw H	R. L. Polk & Co.	

923 SHERIDAN AVE

Year	Uses	Source	
2002	KINGl Mark	Haines & Company	Image pg. A6
1962	Nye M 1 Vi Cb 1 A BE	R. L. Polk & Co.	
1957	Prisk Thos J	R. L. Polk & Co.	
1952	Prisk Thos J	R. L. Polk & Co.	Image pg. A17
1947	Prisk Thos J	R. L. Polk & Co.	Image pg. A22
1942	Wells Jesso E	R. L. Polk & Co.	Image pg. A25
1937	Reed Mabel E Mrs	R. L. Polk & Co.	Image pg. A28
1932	Besse Samil B	R. L. Polk & Co.	

925 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1985	WHITE M	OHIO BELL	
1957	Turner Robt	R. L. Polk & Co.	
1952	Prisk Thos J jr	R. L. Polk & Co.	Image pg. A17
1947	Prisk Thos J jr	R. L. Polk & Co.	Image pg. A22
1942	Reed Mabel E Mrs	R. L. Polk & Co.	Image pg. A25
1937	Warwick Howard E land	R. L. Polk & Co.	Image pg. A28
	scape gdnr	R. L. Polk & Co.	Image pg. A28
1932	Hunt Wm P	R. L. Polk & Co.	
1927	Frank Pepper	R. L. Polk & Co.	

FINDINGS

928 SHERIDAN AVE

Year	Uses	Source	
2002	ELDRIDGECynlhia	Haines & Company	Image pg. A6
1985	TANNERA A d	OHIO BELL	
1962	Stellarini: Joe	R. L. Polk & Co.	
1957	Tanner Bernard	R. L. Polk & Co.	
1952	Opper Geo	R. L. Polk & Co.	Image pg. A17
1947	Opper Geo	R. L. Polk & Co.	Image pg. A22
1942	Baughmnn Chester E	R. L. Polk & Co.	Image pg. A25
1937	I Kastner Elmer W	R. L. Polk & Co.	Image pg. A28
1932	Kastner Elmer W	R. L. Polk & Co.	

930 SHERIDAN AVE

Year	Uses	Source	
1962	Tanner Atzhony J 0 BES 8021	R. L. Polk & Co.	
1957	Graham Fred L	R. L. Polk & Co.	
1952	Mercer Oscar E	R. L. Polk & Co.	Image pg. A17
1947	Mercer Oscar E	R. L. Polk & Co.	Image pg. A22
1942	Schultz Geo S Jr	R. L. Polk & Co.	Image pg. A25
1937	Jones Zane L	R. L. Polk & Co.	Image pg. A28
1932	Jones Zane L	R. L. Polk & Co.	

931 SHERIDAN AVE

Year	Uses	Source	
2002	REYNOLDSCharles	Haines & Company	Image pg. A6
	GRANICKGre S	Haines & Company	Image pg. A6
	GRANICK Kerne E 6r 23 y	Haines & Company	Image pg. A6
1962	Winatead Beth BE	R. L. Polk & Co.	
1957	Barrick Robt	R. L. Polk & Co.	
1952	Kramer Edw T	R. L. Polk & Co.	Image pg. A17

Sheridan Ave

933 Sheridan Ave

Year	Uses	Source
2014	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive
	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive
2010	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive
	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive
2005	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive

Year	Uses	Source
2005	THOMAS LANDSCAPE & DESIGN	EDR Digital Archive

SHERIDAN AVE

933 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Parrish farold BE	R. L. Polk & Co.	
1957	Ralstdn Richd Jf	R. L. Polk & Co.	
1952	Dye Horace P	R. L. Polk & Co.	Image pg. A17

936 SHERIDAN AVE

Year	Uses	Source	
2002	BONDMarcy 614 23 O	Haines & Company	Image pg. A6
	ELORIDGE Slephen	Haines & Company	Image pg. A6
1962	Kerrigan Eag FI 0 BES 0672	R. L. Polk & Co.	
1957	Mason Carl E B	R. L. Polk & Co.	
1952	Mason Carl E	R. L. Polk & Co.	Image pg. A17
1947	Ross Anna B	R. L. Polk & Co.	Image pg. A22
1942	Glecltlcr Fred W	R. L. Polk & Co.	Image pg. A25
1937	Wihite Andrew J Jr	R. L. Polk & Co.	Image pg. A28
1932	Dixon Lcvette T	R. L. Polk & Co.	

937 SHERIDAN AVE

Year	Uses	Source	
2002	LANTZNeil	Haines & Company	Image pg. A6
1992	CHANDLER C A	OHIO BELL	
1985	CHANDLER C A	OHIO BELL	
1962	Salvatoze J	R. L. Polk & Co.	
1957	Smnith Edw D	R. L. Polk & Co.	
1952	Smith Edw D	R. L. Polk & Co.	Image pg. A17

938 SHERIDAN AVE

Year	Uses	Source	
2002	STAUBINDavid 614 2 8 i	Haines & Company	Image pg. A6
1962	Whi teside Alba L	R. L. Polk & Co.	
1957	Erwin Robt P	R. L. Polk & Co.	
1952	Erwin Robt P	R. L. Polk & Co.	Image pg. A17
1947	Wolman Ella	R. L. Polk & Co.	Image pg. A22
1942	Alpers J Julian	R. L. Polk & Co.	Image pg. A25

FINDINGS

Year	Uses	Source	
1937	Thomas Lemuel D pntr	R. L. Polk & Co.	Image pg. A28
1932	Haskin Romeo W	R. L. Polk & Co.	

939 SHERIDAN AVE

Year	Uses	Source	
2002	PURVISC 614 a	Haines & Company	Image pg. A6
1992	JONES Andrew	OHIO BELL	
1985	BIDWELL Jill A	OHIO BELL	
1962	Heinz Ann C 0 BES 5	R. L. Polk & Co.	
1957	Hanlon Jas B	R. L. Polk & Co.	
1952	OHanlon Jas	R. L. Polk & Co.	Image pg. A17

940 SHERIDAN AVE

Year	Uses	Source	
2002	OEVARDDoroth Uy 614 237 3 i	Haines & Company	Image pg. A6
1962	Donaldson Artle E Mrs BE	R. L. Polk & Co.	
1957	Harktless David bt	R. L. Polk & Co.	
1952	McKinley Wm B	R. L. Polk & Co.	Image pg. A17
1947	McKinley Wm B	R. L. Polk & Co.	Image pg. A22
1942	Mc KInley Wm B	R. L. Polk & Co.	Image pg. A25
1937	Mc Kinley Wnm B	R. L. Polk & Co.	Image pg. A28
1932	Mc Kinley Wm	R. L. Polk & Co.	
1927	Wm Mc Kinley	R. L. Polk & Co.	

943 SHERIDAN AVE

Year	Uses	Source	
2002	REYNOLDSCharles	Haines & Company	Image pg. A6
1992	MEANS Peter	OHIO BELL	
1985	GREENAN HJ	OHIO BELL	
1962	Sanebury Theo fi B 3 E 1546	R. L. Polk & Co.	
1957	Prud en Jack	R. L. Polk & Co.	
1952	Buoni Emilio J	R. L. Polk & Co.	Image pg. A17

945 SHERIDAN AVE

Year	Uses	Source	
2002	HORNM 614 2374 i	Haines & Company	Image pg. A6
	FRAZEE Chris	Haines & Company	Image pg. A6
1985	FERGUSON Craig	OHIO BELL	
1962	Bennett ray Mr S	R. L. Polk & Co.	
1957	Bennett Hiarry J	R. L. Polk & Co.	

FINDINGS

Year	Uses	Source	
1952	Bennett Harry J	R. L. Polk & Co.	Image pg. A17

946 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1992	RAREY Vernon	OHIO BELL	
1962	Collins Jos B BE 5 E 7668	R. L. Polk & Co.	
1957	Kember Frank A	R. L. Polk & Co.	
1952	Howard Chas F	R. L. Polk & Co.	Image pg. A17

948 SHERIDAN AVE

Year	Uses	Source	
2002	PRITCHARD Austlin	Haines & Company	Image pg. A6
1992	HANNEL Sue	OHIO BELL	
1985	MCNEMARA Timothy E	OHIO BELL	
1962	Gray Lewis BEf	R. L. Polk & Co.	
1957	Lichtenstein San	R. L. Polk & Co.	
	ford G	R. L. Polk & Co.	
1952	Danison Wm G	R. L. Polk & Co.	Image pg. A17

951 SHERIDAN AVE

Year	Uses	Source	
2002	THOMASJim 681 2 S Il	Haines & Company	Image pg. A6
	THOMASCndy	Haines & Company	Image pg. A6
	DIMMLICH Allen	Haines & Company	Image pg. A6
1992	DIMMELICH Scot A	OHIO BELL	
1985	MCKINNEY Wm F&: Rebecca	OHIO BELL	
1962	einstetn Sam B BB	R. L. Polk & Co.	
1957	Feinstein Sam	R. L. Polk & Co.	
1952	Bishop Robt S	R. L. Polk & Co.	Image pg. A17
1947	Ikehorn Wilbur J	R. L. Polk & Co.	Image pg. A22
1942	Ikohorn Wilbur J	R. L. Polk & Co.	Image pg. A25
1937	Ikehorn Wilbur J	R. L. Polk & Co.	Image pg. A28
1932	Ikehorn Wilbur J	R. L. Polk & Co.	

954 SHERIDAN AVE

Year	Uses	Source	
2002	WUORINENJohn	Haines & Company	Image pg. A6
	HINDERSJulia R 61407h ah I	Haines & Company	Image pg. A6
1992	WUORINEN J S	OHIO BELL	

FINDINGS

Year	Uses	Source	
1992	NUSKEN E G	OHIO BELL	
1985	HUNE M G	OHIO BELL	
1962	Daetricle Alice MMrs BE	R. L. Polk & Co.	
1957	Mc Bane Dwight T	R. L. Polk & Co.	
	Gruen PR	R. L. Polk & Co.	
1952	White John K	R. L. Polk & Co.	Image pg. A17
	Mulligan Thos J	R. L. Polk & Co.	Image pg. A17
1947	Hartlerode Arth V	R. L. Polk & Co.	Image pg. A22
1942	Harlorod Arlh V	R. L. Polk & Co.	Image pg. A25
1937	Vermil Lion Louis N	R. L. Polk & Co.	Image pg. A28
1932	Vacant	R. L. Polk & Co.	

956 SHERIDAN AVE

Year	Uses	Source	
2002	GROSELLEJohn B 61 23311ii	Haines & Company	Image pg. A6
1985	BRANDENBURG David & Nancy	OHIO BELL	
1962	Diettlcb John C BE	R. L. Polk & Co.	
1957	Sauin Earl G	R. L. Polk & Co.	
1952	Wilson Jas J	R. L. Polk & Co.	Image pg. A17
1947	Shore Jack I	R. L. Polk & Co.	Image pg. A22
1942	Grlmnm JIHimnar	R. L. Polk & Co.	Image pg. A25
1937	Miller Flvin H	R. L. Polk & Co.	Image pg. A28
1932	Evans Kenneth R	R. L. Polk & Co.	

Sheridan Ave

959 Sheridan Ave

Year	Uses	Source
2014	WHITE JAMES H MARY S	EDR Digital Archive
	WHITE JAMES H MARY S	EDR Digital Archive

SHERIDAN AVE

959 SHERIDAN AVE

Year	Uses	Source	
2002	OWHITEShannon 61 211 7 S	Haines & Company	Image pg. A6
1962	Barrett Gleann S 0 BE	R. L. Polk & Co.	
1957	Barrett Glenn A	R. L. Polk & Co.	
1952	Bruno John F	R. L. Polk & Co.	Image pg. A17
1947	Bruno John F	R. L. Polk & Co.	Image pg. A22

FINDINGS

Year	Uses	Source	
1942	Klepsor Harry J	R. L. Polk & Co.	Image pg. A25
1937	Chadwick Dale B	R. L. Polk & Co.	Image pg. A28
1932	Briebach Henry P	R. L. Polk & Co.	

960 SHERIDAN AVE

Year	Uses	Source	
2002	LEEMANBary	Haines & Company	Image pg. A6
1992	SIMAKOVSKY Ygele	OHIO BELL	
1985	GREY Dennis& Dorothy	OHIO BELL	
1962	Lormns J 0s C BE	R. L. Polk & Co.	
1957	Pagnard Robt B	R. L. Polk & Co.	
1952	Pagnard Robt B	R. L. Polk & Co.	Image pg. A17
1947	Pagnard Robt B	R. L. Polk & Co.	Image pg. A22
1942	Rceves Hichd E	R. L. Polk & Co.	Image pg. A25
1937	Arbenz Nand J	R. L. Polk & Co.	Image pg. A28
1932	Arbenz Nand J	R. L. Polk & Co.	

Sheridan Ave

962 Sheridan Ave

Year	Uses	Source
2014	B T LITTLETON SIGN CO INC	EDR Digital Archive
	B T LITTLETON SIGN CO INC	EDR Digital Archive
2010	B T LITTLETON SIGN CO INC	EDR Digital Archive
	B T LITTLETON SIGN CO INC	EDR Digital Archive

SHERIDAN AVE

962 SHERIDAN AVE

Year	Uses	Source	
2002	APPELNancy 614 231 t	Haines & Company	Image pg. A6
1992	KELLEY K E	OHIO BELL	
1985	RIZZO Paul	OHIO BELL	
1962	FWergi on Jean A 0 B	R. L. Polk & Co.	
1957	Fisher Ray E	R. L. Polk & Co.	
1952	Crist Wilbur E	R. L. Polk & Co.	Image pg. A17
1947	Owens Jas E	R. L. Polk & Co.	Image pg. A22
1942	H 11e Roht C	R. L. Polk & Co.	Image pg. A25
1937	Corporation line	R. L. Polk & Co.	Image pg. A28
	Alcox Lloyd W	R. L. Polk & Co.	Image pg. A28

FINDINGS

Year	Uses	Source	
1932	Mo Crum John T	R. L. Polk & Co.	

963 SHERIDAN AVE

Year	Uses	Source	
2002	Tatynana	Haines & Company	Image pg. A6
	PAZOOROTNEVA	Haines & Company	Image pg. A6
	SLIPPERTDonan M	Haines & Company	Image pg. A6
1962	Vaa Ioutien Della M Mrs BE	R. L. Polk & Co.	
1952	Gardine Allen R	R. L. Polk & Co.	Image pg. A17

965 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Vacant	R. L. Polk & Co.	
1957	Pfister Chas W	R. L. Polk & Co.	
1952	Goldthwaite Allen B	R. L. Polk & Co.	Image pg. A17

966 SHERIDAN AVE

Year	Uses	Source	
2002	OLIPPERTIda	Haines & Company	Image pg. A6
	BENSKEYJos M 614 2i	Haines & Company	Image pg. A6
1992	BENSKEY Jos M	OHIO BELL	
1985	BENSKEY dos M	OHIO BELL	
1957	West Jay B	R. L. Polk & Co.	
1952	West Jay B	R. L. Polk & Co.	Image pg. A17

968 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1992	MILLER C	OHIO BELL	
1985	SCOTT Tim A	OHIO BELL	
1962	Vacant	R. L. Polk & Co.	
1957	Dewey Marshall B	R. L. Polk & Co.	
1952	Dewey Marshall B	R. L. Polk & Co.	Image pg. A17

969 SHERIDAN AVE

Year	Uses	Source	
2002	CHELLISJane 66 a 31 T	Haines & Company	Image pg. A6
	LIPPERTIda	Haines & Company	Image pg. A6
1992	LIPPERT K A	OHIO BELL	

FINDINGS

Year	Uses	Source	
1962	Stewrit Vanice	R. L. Polk & Co.	
1957	Mohler WN R	R. L. Polk & Co.	
1952	Sawin Ruth H Mrs	R. L. Polk & Co.	Image pg. A17

971 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1992	LIPPERT David	OHIO BELL	
1985	COTTRILL David & Sheila	OHIO BELL	
1962	Chatield Geo	R. L. Polk & Co.	
1957	Irwin Wm I J	R. L. Polk & Co.	
1952	Spohn Ronald	R. L. Polk & Co.	Image pg. A17

974 SHERIDAN AVE

Year	Uses	Source	
2002	DUCATODebra	Haines & Company	Image pg. A6
	BAILEY A J 616 239 a	Haines & Company	Image pg. A6
1992	VERTSMAN Gregory	OHIO BELL	
	TOLSTYKH Elena	OHIO BELL	
1985	SMYTHE Harry	OHIO BELL	
	CHAMBERS CD	OHIO BELL	
1962	Henry Eldon I BE	R. L. Polk & Co.	
1957	Henry Eldon I	R. L. Polk & Co.	
1952	Henry Eldon I	R. L. Polk & Co.	Image pg. A17

976 SHERIDAN AVE

Year	Uses	Source	
2002	XXXX	Haines & Company	Image pg. A6
1962	Panos Sue D BE	R. L. Polk & Co.	
1957	Panos Sue D	R. L. Polk & Co.	
1952	Hickey Delmar	R. L. Polk & Co.	Image pg. A17

986 SHERIDAN AVE

Year	Uses	Source
1962	V 6carnt	R. L. Polk & Co.

FINDINGS

SHERIDAN ST

850 SHERIDAN ST

Year	*Uses*	*Source*
1985	ZENKER Laura	OHIO BELL

857 SHERIDAN ST

Year	*Uses*	*Source*
1985	GRIFFIN Zelma M	OHIO BELL

882 SHERIDAN ST

Year	*Uses*	*Source*
1985	ROWLAND Edria M	OHIO BELL

884 SHERIDAN ST

Year	*Uses*	*Source*
1992	BAXTER Lowell C	OHIO BELL
	WENTZEL John C	OHIO BELL
1985	BAXTER Lowell C	OHIO BELL
	WENTZEL John C	OHIO BELL

905 SHERIDAN ST

Year	*Uses*	*Source*
1992	MOOREHEAD Z T	OHIO BELL
1985	MOOREHEAD ZT	OHIO BELL

918 SHERIDAN ST

Year	*Uses*	*Source*
1992	MANNING B	OHIO BELL
1985	KEENE Elno M	OHIO BELL

923 SHERIDAN ST

Year	*Uses*	*Source*
1985	SELFJ S M	OHIO BELL

931 SHERIDAN ST

Year	*Uses*	*Source*
1985	WINSTEAD Beth	OHIO BELL
	WINSTEAD Marie	OHIO BELL

FINDINGS

933 SHERIDAN ST

Year	*Uses*	*Source*
1985	HAVERLYJ A	OHIO BELL

938 SHERIDAN ST

Year	*Uses*	*Source*
1992	VANWOERT H C	OHIO BELL
1985	VANWOERT H C	OHIO BELL

959 SHERIDAN ST

Year	*Uses*	*Source*
1992	BARRETT Glenn Sam	OHIO BELL
1985	BARRETT Glenn Sam	OHIO BELL

963 SHERIDAN ST

Year	*Uses*	*Source*
1985	HUBBARD Beryl	OHIO BELL

965 SHERIDAN ST

Year	*Uses*	*Source*
1992	REHKOPF M M	OHIO BELL

969 SHERIDAN ST

Year	*Uses*	*Source*
1985	LEGO Vernon	OHIO BELL

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
921 Ferndale Place	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2000 E LIVINGSTON AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1937
2004 E LIVINGSTON AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937
2050 E LIVINGSTON AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1927, 1923
2050 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1942, 1932, 1927, 1923
2061 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2062 E Livingston Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2062 E Livingston Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2063 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2063 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2063 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2063 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2065 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2066 E LIVINGSTON AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1937, 1932, 1927, 1923
2066 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1942, 1937, 1932, 1927, 1923
2070 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2070 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1957, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
2080 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2080 E Livingston Ave	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2080 E Livingston Ave	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2080 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2087 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2087 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2087 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2087 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2088 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2090 CHARLES ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2092 CHARLES ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2097 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2097 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2097 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2097 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2100 CHARLES ST	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2100 Charles St	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2100 Charles St	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2100 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2101 CHARLES ST	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2101 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2102 CHARLES ST	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2110 CHARLES ST	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2110 Charles St	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
2110 Charles St	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2110 E LIVINGSTON AVE	2014, 2010, 2005, 1981, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2110 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2111 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2111 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2111 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2127 E Livingston Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2127 E Livingston Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2127 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2130 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2130 E Livingston Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2130 E Livingston Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2130 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1947, 1942, 1937, 1932, 1927, 1923
2133 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2133 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2133 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2133 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2135 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2135 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2135 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2140 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2140 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2140 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1985, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2140 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
2148 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1957, 1947, 1942, 1937, 1932, 1927, 1923
2155 E LIVINGSTON AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1923
2165 E LIVINGSTON AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2167 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2167 E Livingston Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2167 E Livingston Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2167 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2172 E LIVINGSTON AVE	2014, 2010, 2005, 1992, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1937, 1932, 1927, 1923
2172 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2172 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2172 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1942, 1937, 1932, 1927, 1923
2173 E LIVINGSTON AVE	2014, 2010, 2005, 1985, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2173 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2173 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2173 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1965, 1962, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2177 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2179 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2179 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2179 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2181 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2181 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2182 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2182 E Livingston Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2182 E LIVINGSTON AVE	2014, 2010, 2005, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
2182 LIVINGSTON AVE E	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1962, 1957, 1947, 1942, 1937, 1932, 1927, 1923
2183 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2183 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2185 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2185 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2187 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2187 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2201 CHARLES	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2201 CHARLES ST	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1942, 1937, 1932, 1927, 1923
2203 CHARLES	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2203 CHARLES ST	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1942, 1937, 1932, 1927, 1923
2205 CHARLES	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2205 CHARLES ST	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1942, 1937, 1932, 1927, 1923
2207 CHARLES	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2207 CHARLES ST	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1942, 1937, 1932, 1927, 1923
2207 Charles St	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2207 Charles St	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2210 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
2210 E Livingston Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
814 MAYFIELD PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
834 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
835 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
837 SHERIDAN AVE	2014, 2010, 2005, 2002, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
839 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
840 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
845 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
847 SHERIDAN AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
850 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
850 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
851 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
853 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1923
856 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1923
857 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
857 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
857 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
857 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
861 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1923
862 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1923
866 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
868 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
870 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
871 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
872 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1927, 1923
872 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
872 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
873 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
875 SHERIDAN AVE	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
876 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
878 SHERIDAN AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
879 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
882 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
882 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
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884 SHERIDAN ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
885 COLLEGE AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956
885 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1923
887 COLLEGE AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956
888 COLLEGE AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956
889 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
889 Sheridan Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
889 Sheridan Ave	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
891 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
894 COLLEGE AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
896 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1942, 1937, 1932, 1927, 1923
898 SHERIDAN AVE	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1960, 1956, 1942, 1937, 1932, 1927, 1923
899 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1923
900 MAYFIELD PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
900 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1942, 1937, 1932, 1927, 1923
901 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
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905 SHERIDAN ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
908 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
908 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
908 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
909 Mayfield Pl	2014, 2010, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
909 Mayfield Pl	2014, 2010, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
909 MAYFIELD PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
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911 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
912 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
914 MAYFIELD PL	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
914 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
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916 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
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916 Sheridan Ave	2014, 2010, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
917 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
918 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
918 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
918 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
918 SHERIDAN ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
920 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
920 Ferndale Pl	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
920 Ferndale Pl	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
920 MAYFIELD PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
923 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
923 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
924 Mayfield Pl	2014, 2010, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
924 MAYFIELD PL	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
924 Mayfield Pl	2014, 2010, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
925 College Ave	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
925 College Ave	2014, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
925 MAYFIELD PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
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926 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
926 Ferndale Pl	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
926 Ferndale Pl	2014, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
928 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
929 FERNDALE PL	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
930 MAYFIELD PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
930 SHERIDAN AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
931 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
931 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
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933 Sheridan Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
933 Sheridan Ave	2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
933 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
934 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
936 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
937 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
937 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
938 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
938 SHERIDAN ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
939 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
940 FERNDALE PL	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
940 MAYFIELD PL	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
940 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1923
943 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
945 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
946 MAYFIELD PL	2014, 2010, 2005, 2002, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
946 SHERIDAN AVE	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
947 FERNDALE PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
948 FERNDALE PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
948 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
949 FERNDALE PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
949 MAYFIELD PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
950 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
951 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
952 MAYFIELD PL	2014, 2010, 2005, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
953 FERNDALE PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
954 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
956 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
956 SHERIDAN AVE	2014, 2010, 2005, 1992, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
958 FERNDALE PL	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
959 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1927, 1923
959 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
959 Sheridan Ave	2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
959 SHERIDAN ST	2014, 2010, 2005, 2002, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
960 FERNDALE PL	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
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962 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
962 Sheridan Ave	2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

FINDINGS

Address Researched	Address Not Identified in Research Source
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963 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
965 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
965 SHERIDAN ST	2014, 2010, 2005, 2002, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
966 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1962, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
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969 SHERIDAN ST	2014, 2010, 2005, 2002, 1992, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
971 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
973 SHARON AVE	2014, 2010, 2005, 2002, 1985, 1981, 1976, 1971, 1965, 1962, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923
974 SHERIDAN AVE	2014, 2010, 2005, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
976 SHERIDAN AVE	2014, 2010, 2005, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1956, 1947, 1942, 1937, 1932, 1927, 1923
986 SHERIDAN AVE	2014, 2010, 2005, 2002, 1992, 1985, 1981, 1976, 1971, 1965, 1960, 1957, 1956, 1952, 1947, 1942, 1937, 1932, 1927, 1923

Source Page Images Appendix

TP ✓ **Adjoining** ✓ **Source** Haines & Company

FERNDALE PL 2002

FERN AV 43211 CONT
2764 •DICKERSON Christal OO 0
2770 •EARNEST Philip OO 8
2771 •PARSONS Donald D 614-475-5513 5
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KYSER Richard A 614-476-6577 6
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2790 •TANTARELLI Victor OO 9
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2797 •BERGER David OO 9
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2812 •MILLS Chester OO 8
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2818 XXXX OO
2823 •SAUNDERS L Barbara 614-475-0139
2829 •MURPHY Robert OO 8
2836 •MORRIS Marilyn 614-337-0846 9
2837 •NELSON Elizabeth A 614-475-0984 9
2842 •FREEMAN Eugene 614-471-3710
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2031 •RIFFLE Wilma L 614-471-9653
2037 •DUNN James OO +1
GUNN Harold S 614-428-7498 +1
2040 •FOOTE Vondonderlear A 614-337-2502 +1
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250 MATHENA Robt W 614-879-8258 5
255 XXXX OO
258 REDMAN Debbie 614-879-7121 8
REDMAN Herman 614-879-7121 9
263 HUNTER Gregory D 614-879-9323
266 FRIEND Lisa M 614-879-5853 +1
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921A BONILLA Carrie 614-237-8546 9
921 NICKERSON Cory 614-239-6338 0
925 •SCHWARZ Henry OO 8
926 •LEVITSKY Greg OO 0
PIERRO John 614-235-9396
929B DODSON Darren 614-235-2713 +1
929 •LEVITSKIY Greg OO 0
929B WILLIAMS Victoria 614-236-8172 +1
934 •NOESNER Kevin OO 0
937B GIONTA Amy C 614-236-1633 +1
937 •HAYNES Richard 614-231-5227 3
940 •HOY Jay OO 0
941 •SCHWARZ Henry OO 8
945 XXXX OO
947 BRADLEY Rochelle L 614-238-1105 +1
948 •HART Richard OO 0
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953 •YEAGER Vicki OO 9
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7320 •CUNNINGHAM Brent 614-899-1784 9
7330 •ONEAL Allison OO 9
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7380 ONEAL A 614-890-9858 2
7395 •MENGEL Jim 614-882-8637
•MENGEL Marcia 614-882-8637
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7490 •KOVAL Michael OO 9
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4840 •ECKELS D Joe 614-836-2648 7
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•MULLINS Virgil R 614-836-7101 7
4844 •KALLIES John 614-836-7726 0
4845 •GUSE Lee 614-836-2145 9
4848 •WILSON Janet OO 9
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40 •SMITH Ruth OO 8
47 •WILLIAMS Wanda OO 8
48 •BLOOMBERG L 614-878-2262
53 •SINGELL Roger M 614-878-8551
56 •GORDON Derek 614-870-2417 8
58 •RINEHART Robt R 614-878-3235
61 •MCKEE Russell 614-878-7011
67 •CORRIVEAU John OO 9
72 •HAMMOND Clifford OO 9
73 •THOMAS June OO +1
76 •SAMMET Flora 614-870-6140
79 •MARCUM Glenora OO 9
82 •ANDREWS Frank OO 0
COLLINS Deanna 614-851-5410 0
X PENHURST AV
95 •SAUL B J 614-878-9235 8
98 •EVANS Carl Edwin 614-878-4980
101 •BARKER K 614-851-9472 8
106 •BOWE Billie OO 8
109 •WHITE Dann OO 0
112 •THACKER Eric OO 8
115 •WARDEN John W 614-878-9520
118 •FRAZIER Dallas J 614-870-7308 8
•FRAZIER Gloria 614-870-7308 8
121 •DAVIS Harry 614-878-3768
124 •KENNEDY Marcie OO 9
129 •GLEICH Donald 614-878-7969
132 •PYLES Earl OO 9
135 •CHADWICK Jane 614-851-0231 7
136 •HITT G 614-878-2627 4
141 •KISER Donald R 614-878-3686 3
X PALMETTO
150 •MCCOLGAN Robert 614-870-0417 7
153 •MCGLAUGHLING 614-853-3098 9
168 •DANISON William OO 9
171 •JOHNSON Sharyn OO +1
172 •DANISON William OO 9
179 •WALKER Rachelle 614-878-0994 +1
180 •ROSENBERGER Rebecca M 614-878-8745 +1
184 •ZWIEBEL Judy OO 9
185 •KOVALCHUK Nadia 614-878-8761 0
•KOVALCHUK Viktor 614-878-8761 0
193 •ONEAL Raymond OO 9
197 •SHEETS Charles OO 9
205 •ROGERS J R 614-878-8605
206 •KAISER Thomas R Sr 614-851-1762 0
211 •WOOLFE Ralph OO 8
214 •WILLIS Kimberly OO 8
217 •LANTZ Edward OO 8
221 •FINNEY T L 614-851-9794 7
230 •STURGILL Marguerite M 614-870-8387 0
234 •VOLD Jack OO +1
X MOUNT ROYAL AV
236 •HOWARD T S 614-853-9397 6
257 •DEMING Cindy OO 9
252 •MATHIAS Jeffrey 614-870-2331 8
253 FAIRFIELD J C 614-851-0953 9
FAIRFIELD Jas E 614-878-1591
264 •BRONSON Jerry OO 9
266 •FANCELLI Joseph OO 9
270 •HALE Bennie OO 9
271 •DICKSON Chas 2D 614-878-0629
272 •CHURCH FERNHILL FULL GSPL BAPT 614-853-0375 0
277 •MASON D R 614-878-7966
283 •BEEMAN Shirley OO 8
SEIDENABEL Clarence H 614-878-3574
286 •LEE James 614-878-1364
291 •LEE John OO 0
297 •CARTE Henry OO 8
303 •LOCKHART Gene 614-878-6897
306 •SPANGLER Paul A 614-870-6943
309 •COYER Ernest OO 8
317 •CRISWELL Charles E 614-878-6868 6
X OWEN
326 •JUSTICE Brigitte 614-870-5237 +1
340 •HOBBS Paul V 614-878-1119
352 •HUNT Gerald P 614-878-2215 4

FERNHILL AV 43228 CONT
354 •SAYRE Henry 614-878-6563
360 •BROWN William OO 9
368 •KING Gerald OO 9
372 •SELF Tony OO 8
390 •MOREHOUSE Leon OO 0
396 •MOORHEAD Thos 614-870-0647
400 LEONARD Yvonne 614-878-0757
•TINNEY Allen OO 8
412 •PORTER John 614-878-2262 3
420 •FRIEND Harry 614-878-5009
440 COLE Kimberly K 614-853-3392 9
•GRIFFITH Sonya OO 9
X STATION RD
460 •BAILLARGEON Craig OO +1
SMITH William 614-851-5957 +1
X SULLIVANT AV
* 1 BUS 87 RES 8 NEW

FERNLEAF LN 43235 COLUMBUS
WEALTH CODE 9 0
2156 - 2292
CITY OF COLUMBUS
WORTHINGTON CSD
2156 •MERRYMAN D A 614-764-9260
2168 •CASDORPH Cathy 614-764-4827
•CASDORPH Craig 614-764-4827
2171 •MARTIN Dorothy 614-889-1684
•MARTIN John 614-889-1684
2184 •REDICK Ronald L 614-889-6596
2192 •GROFF Timothy 614-793-0123
2193 •WEST Gregory L 614-889-5057
•WEST Gregory L 614-764-1657
2200 •FANCELLI Mike V 614-798-9459 4
X LAKEBROOK BLVD
2201 •REIDINGER Eric R 614-766-5460 2
2208 •PRESTON Julie OO 8
2209 •JAFFE Dan 614-798-9297
•JAFFE Ky 614-798-9297
2216 •KELLEMS Ronald O 614-766-1230
2217 •CARDILLO Harry F 614-889-0950
•CARDILLO Linda L 614-889-0950
2222 •BRICKWEG James 614-766-2841 0
•BRICKWEG Jas 614-766-2428
•BRICKWEG P 614-766-2428
2225 •LAVEZZARE Sandra OO 9
2228 •LINDQUIST L 614-766-4236 9
2233 •WILD Earl OO 8
2234 •MANDT Debbie 614-336-8261 0
•MANDT Randy 614-336-8261 0
2240 •ELLISON Cheryl 614-766-1955
•ELLISON Cheryl 614-766-5341 5
•ELLISON Jane 614-766-1955
•ELLISON Jane 614-766-5341 5
HOLZAPFEL Brian 614-766-5341
HOLZAPFEL Katie 614-766-5341
2241 •STONER Keith OO 9
2246 GRINDSTAFF Terry 614-761-3141 +1
•GRINDSTAFF Terry L 614-761-9141
2249 •SHIMIZU Keiichi 614-763-9151 7
2252 •SLUVOL Rene 614-766-5344
2255 LAO Alfonso 614-761-0922
•TAN Victoria OO +1
YAP Cresencio T 614-932-9187 +1
2258 •GAWEL John F 614-792-1778
•RED GOLD INC 614-717-9030 9
2263 •HANSON Robt S 614-766-4055 8
2264 •ANDRICK Michael H 614-766-8373 7
2270 •HELLER A 614-793-2102
2271 •CHANG Jos S 614-764-3960 4
2276 •PAOLA Arvind D 614-766-6581
2279 •ABRAHAM RICK J ATTY 614-766-6826 7
•ABRAHAM Sharon 614-766-6826 7
2282 •MANSFIELD Bruce 614-768-9188
•MANSFIELD Marabah 614-766-9188
X VIBURNUM LN
2288 MOORE Betsy 614-889-1867
MOORE Douglas 614-889-1867
* 2 BUS 50 RES 3 NEW

+FERNRIDGE DR (01) 43054 NEW ALBANY
7095 ROBINSON Jeff 614-775-0330 +1
ROBINSON Kathy 614-775-0330 +1
7099 FISHMAN Jane 614-855-4490 +1
7105 BEVIS Stanley 614-855-8041 +1
7179 LAMONE Brad E 614-855-5943 +1
* 0 BUS 5 RES 5 NEW

FERN TRL DR (95) 43026 HILLIARD
WEALTH CODE 4 0
4504 - 4599
CITY OF HILLIARD
HILLIARD CSD
X DARBY GLEN BLVD
4504 •GRAHAM James OO 9
4512 •STEMEN Cindi 614-527-0739 9
•STEMEN Don 614-527-0739 9
4520 MOLLOY K 614-850-0609 7
•MUTTER Jonathon OO +1
4525 •EISENMAN Jeff 614-876-7063 0
FAHYS Virginia E 614-921-8896 0
4528 •WAGGONER David 614-529-8370 6
4534 •LEWIS Marilyn J 614-529-0047 9
4535 •MENNONA Richard C Jr 614-527-9057 8
4540 •BERRY Jeffery W 614-921-1518 +1
4543 •WALKER K 614-529-8375 8
4546 •ROGERS C 614-850-9625 8
4551 •DEFLUITER T L 614-529-1986 8
4552 •PERKINS Brenda 614-850-9628 8
•PERKINS Steve 614-850-9628 8
4558 •DUESLER Paul 614-529-8102 8
4564 •PARIS Lesley 614-850-8130 8
•PARIS Ted 614-850-8130 8
4571 •KEATING Julie 614-876-0749 8
•KEATING Sue 614-876-0749 8
4577 •GRAY John 614-771-0001 8
4578 •MIDKIFF Angela 614-850-9714 8
•MIDKIFF Marc 614-850-9714 8
4583 •BRIGHT Robert OO 0
4589 •HILL K 614-850-9747 8
4599 •COLE B L 614-850-9719 8
* 0 BUS 27 RES 2 NEW

FERNTREE RD 43219 COLUMBUS
WEALTH CODE 6 0
1819 - 1911
CITY OF COLUMBUS
COLUMBUS CSD
X RICHTREE RD
1819 •STINSON Richard E 614-471-8913
1820 •CARTER Lewis OO 8
1821 •PAYNE C J 614-471-7377
•PAYNE C J 614-471-7375 7
1825 •MOORE Robert OO 8
1829 •WHITE Marvin OO 9
1830 •MALBON Chas 614-475-8061
1833 •BURNS Connie OO 8
1837 •CLAYTOR Ernest E 614-471-9455
1843 •RUSSELL Michael 614-475-2110
1846 •SESSION Willie 614-475-5921
1851 •OAKES B J 614-475-4015
•OAKES Robt Sr 614-475-4015
1852 •OLIVER Arthur L 614-475-7032
1857 •WADE Joseph OO 9
1862 •CARROLL Robt E 614-471-4231
1865 •BROWN David OO 8
1870 •TRUSS Loretta 614-471-9130
•TRUSS Vincent 614-471-9130
1875 •HUMPHREY Betty OO 8
1876 •LAWSON Dorothy OO 8
1883 •PORTER Elmer OO 8
1884 •GATES Robert 614-475-1022 8
1891 •COATS Geraldine OO 8
1892 •BOYSAW S 614-471-7214 3
X HUDSON E
1899 •WALKER Debra OO 8
1900 •POOLE Gerald OO +1
1910 •STITT Frances OO 8
1911 •SAULS Michaline OO +1
SKINNER M M 614-471-7179 +1
* 0 BUS 30 RES 2 NEW

FERNWOOD AV 43212 COLUMBUS
X CARDIGAN AV
1294 XXXX OO
1325 XXXX OO
X 5TH AV W
1516 XXXX OO
1600 •MARBLE CLIFF VLG CITY HALL 614-486-6993
* 1 BUS 3 RES 0 NEW

FERNWOOD AV 43123 GROVE CITY
WEALTH CODE 9 0
2277 - 2438
CITY OF GROVE CITY
SOUTHWESTERN CSD
2277 •LOTT T 614-801-9771 +1
2278 •CARPENTER Kevin R 614-871-4135
2257 BUMGARDNER P L 614-875-1022
•JONES Roseanne OO +1
2290 •WALLACE Jeffrey R 614-871-3573
2295 •LOWER Chad 614-801-0094 +1
X FOREST GLEN DR
2300 •BUTSKO Melissa OO 4
2303 •ROGERS Christy 614-875-5433
•ROGERS Daniel 614-875-5433
2308 •MOUNT Troy OO 8
2311 •BATDORFF Dan M 614-871-2626
2316 •MOLNAR David 614-871-4644
2319 •DODD Kelly 614-871-2432 5
2324 •DAUGHERTY Patrick OO 8
2327 •SPEZIALETTI Louis OO 8
2332 •PERRY Robert OO 8
2335 •UNGER M J 614-875-9216 5
2340 •THEADO Joseph OO +1
2343 •CORBIN S 614-875-9404 0
2350 •WHIPPLE Scott 614-875-6699 +1
2351 •PRESLER D L 614-871-8287 8
2356 •GROOMS Kenneth OO 8
2359 •BROWN Pamela OO 8
2362 •NEAR J L 614-875-3691
•NEAR Wm 614-875-3691
2367 •COOPER Jas J 614-875-1872
2370 •DUCKWORTH John 614-801-9509 +1
2375 •FEUCHT Steve 614-871-0187
•FEUCHT Steve 614-277-0171 9
2378 •RANDALL Christina 614-871-0928 8
•RANDALL Mike 614-871-0928 8
2383 JACOBS Amy E 614-277-0570 +1
•YERIAN David OO +1
2386 •CHANDLER Jack W 614-871-3710 +1
2391 •WRIGHT Donna 614-539-3437 9
•WRIGHT Donna 614-539-0534 9
•WRIGHT Gordon 614-539-0534 9
2394 •KETCHUM Robert OO 9
2401 •CAPATOSTO Anthony OO 8
2402 •PEARSON Dale OO 8
2409 •WELCH S J 614-875-4503
2410 •GABRIEL A 614-871-3887
•GABRIEL J 614-871-3887
2417 •SLEE David OO 8
2420 •HARTUNG Howard OO 8
2427 •GOAMS Raymond 614-871-4470
2428 •ESTEP Cynthia 614-875-4734 8
•ESTEP Kevin 614-875-4734 8
2437 CASTO Aaron 614-801-9990 +1
CASTO Lori 614-801-9990 +1
2438 •RIFFE Brenda OO 0
X SPRING HILL RD
* 0 BUS 51 RES 12 NEW

FERRELL PL 43204 COLUMBUS
WEALTH CODE 2.0
3575 - 3600
CITY OF COLUMBUS
SOUTHWESTERN CSD
X WILSON RD N
3594 XXXX OO
3575 •ROBERTS L M 614-272-1220
3576 •SCOTT Paul E 614-274-3227
3583 •MORGAN Geo E 614-272-7183
3584 •BACON Robert OO 9

FERRELL PL 43204 CONT
3591 •KNIGHT Richard D 614-275-0826
•KNIGHT Richard D Jr 614-279-0168 9
3592 •KIERNS Kenneth R 614-279-0996 7
3599 •MOORE Jos J 614-274-3725
3600 •WILLIAMS Hubert 614-274-8690
•WILLIAMS Mary 614-274-8689
* 0 BUS 11 RES 0 NEW

FERRIS RD 43224 COLUMBUS
WEALTH CODE 3 5
1591 - 1645
1658 - 1658
1660 - 1660
1670 - 1670
1680 - 1690
1700 - 1710
1720 - 1720
2577 - 2577
2775 - 2775
CITY OF COLUMBUS
COLUMBUS CSD
1651 - 1651
1659 - 1659
1665 - 1669
1671 - 1671
1691 - 1691
1715 - 1715
1721 - 2294
CLINTON TWP
COLUMBUS CSD
2590 - 2754
MIFFLIN TWP
COLUMBUS CSD
X KARL RD
1523 ...... APARTMENTS
A3 BROWN H J 614-268-6969 0
AB3 CLEAVER D Ray 614-262-0954 7
B2 CONLEY Alice 614-262-8609 9
C1 DIALLO A P 614-267-4731 0
A4 MCDANIEL Robert S 614-268-5874 7
C3 MILNER Robt C 614-267-1778 2
C4 THOMAS A 614-267-7557 +1
1523 ....
1525 BEEBA April 614-447-9383 0
BOYERS S 614-262-3828 0
FEAMSTER Christy L 614-263-4581 0
WURSTER Cathy 614-263-6908 +1
1533 * KARL FERRIS APTS 614-262-8898
1541 ...... APARTMENTS
C1 BEATTY Anna 614-267-7935 9
B4 FLANAGAN Kenneth P 614-447-1894
B3 GALGANI Carl E 614-268-8877
MADDEN Elisa 614-268-0075 +1
A3 MOUGEY Doug 614-263-0479
1541 ....
1543 ...... APARTMENTS
A2 BARON Jean R 614-263-4572 +1
C1 CASPER Candice M 614-447-8978 +1
C2 HERDMAN Mary 614-262-5140 0
B1 JOHNSON K 614-267-8877
C4 OLADELE Adelayo 614-267-4865 0
B3 SHADE Thomas E Jr 614-263-5719 7
1543 ....
1545 CANEGALI Michael E 614-268-4768 4
HOYT Karen J 614-263-8263 0
SYKES Wayne 614-265-9194 0
X ESTATES PL
1566 * ST MATTHIAS SC 614-447-3030
1582 MATHEWSON Dean Rev 614-267-5593 4
* ST MATTHIAS CHURCH 614-267-3406 4
1591 •TUFF Delores 614-261-8411 5
1600 •GRIFFIN James OO 8
NORRIS M T 614-262-4010 4
1604 •MORGAN Timothy OO 8
1608 •SPRADLIN Gregory OO 9
1611 •HART M A 614-263-8189 2
1616 •APPELL Robert N 614-267-5134 +1
1625 •GULLEY Leo OO +1
1631 •WIGGINS Barbara 614-784-8901 9
•WIGGINS Vernon 614-784-8901 9
X ANNA MARIE DR
1639 •SCHAEFER Steven OO +1
WILBURN Jonathan E 614-262-1539 +1
1645 •BRAGG Cumi 614-267-8564 3
1651 •BACHMAN Connie OO 0
1658 •GRUBB M 614-447-8678 0
•GRUBB Martha 614-262-1268
1659 •JOHNSON B J 614-262-1775
1660 •SEMON Robt B 614-263-7776
1665 •CHRIST Marilyn J 614-261-9499 7
1669 •KARLICH Frank OO 8
1670 •CAMPBELL Y 614-447-0148 9
1671 •PRESUTTI Joseph M 614-784-1708 6
X MINNIE RD
1680 •MILLER Robt L 614-268-1629
1684 •DRUM Bud 614-268-7378
1690 •MCGRANER James OO 8
1691 •DIANA Angela OO 8
1700 •DEPIFANIO I A 614-263-0694
1710 •BOOTH Craig 614-268-6731
•BOOTH Esther 614-268-6731
1715 JONES Dan L 614-784-8272 0
•LLOYD Clarence OO 8
1720 •SMITH Fred R 614-268-3821
1721 •MEADE Meri OO 8
1727 •PRATT Carl 614-267-2736 2
1734 •MCDANIEL Jas R 614-267-4161
1735 •SPILLER Charles J 614-261-6855 0
1740 •HEISCHMAN D W 614-267-4504
1741 •KEATON Darc OO +1
1748 •SPECKIEN Elbert R Rev 614-263-0626
1751 •HENTHORN L 614-267-6535
1754 •PORTEZ Jeff 614-261-1716
•PORTEZ Ruth 614-261-1716
1780 •PLOTT Thelma 614-263-2236 6
1781 •WAGGONER Howard OO 8
X DRESDEN
1786 •HOUGH Jack W Mrs 614-253-6845
1781 •DO Jason OO +1
1782 •BECK Donald W 614-263-8551
1791 •HUBBARD Wesley OO 8
1792 •OKEEFE Joseph 614-268-1218 9
1799 •PAYNE Joseph 614-268-1809 7
1800 •MERRILL Stephen 614-263-3494 9
1807 •GRUBIC Carl 614-262-5124
1810 •CHRISTIAN Clifford A Sr 614-262-7727
1817 •WARD James OO 8
1818 •WALKER Jill OO 8
1827 •KUHN Paul Michael 614-268-5127
1828 •KEIRNS Virgie OO
1835 HARMON Ray 614-268-0792
•PAULEY Barbara OO 8
1836 COMPTON C 614-263-1436 +1
•SHOCK Frances L 614-261-9025 +1
1845 EASTMAN J 614-268-0070 7
•GUTSINGER Robert OO +1
1846 •ZEPEDA Martin 614-268-8451 0

FERRIS RD 43224 CONT
1853 •STARRETT Sally 614-261-6694
1856 •SIMPSON Larry 614-267-...
1863 •SEARS Paul J 614-262-...
1866 •HOOD Karen OO
1874 •FRAZIER E 614-262-...
•FRAZIER J 614-268-...
1881 •BALSIMO Joseph F 614-267-...
1884 •MARLOW Eugene OO
X MANOR RD
1891 •CORDIANO Patricia OO
1894 •MORRIS J C 614-267-...
1899 •OEIME Robert OO
1900 •TAYLOR Alice OO
1909 •BURCHETT Jackie OO
1910 •KREMPASKY Eric OO
1917 •ROEGER Tina M 614-784-...
1918 •MILLER Donald Jos 614-267-...
1925 •MOREHOUSE D 614-261-...
1926 •DALTON Keena OO
1935 •MCLAIN Charles 614-262-...
1936 •MCCORD Sandra OO
1944 •HONAKER Don W 614-267-5658
1951 •CAMPBELL Michael OO
1952 •HIGDON Florence OO
SANDERS E F 614-262-...
1959 •MEAD N L 614-261-...
1960 •JOHNSON Helen OO
1967 •RUSSELL Lillian OO
1968 •AGRIESTI Mark 614-268-...
1977 •BERGMAN Kimberly OO
KELLEY James E 614-262-...
1985 •JORDAN Shawn OO
1986 •BAUGHMAN Steve OO
1991 •WHEELER Daniel OO
1997 •WOOD Dina OO
X WALFORD
2000 •ENGEL Robert OO
2011 BRESLIN Tony 614-428-...
•SNOW Marjorie OO
2014 •SEKERAK Michael 614-471-...
2017 •HILL Myron OO
2020 •NORRIS Robt L 614-471-...
2023 •RICHARDS Lucy OO
2028 •HARRINGTON Richard OO
2034 •RILEY David OO
2037 •SLOWEK Jeff A 614-476-...
2040 •MUNCY Lavonda Ellen 614-476-...
2043 •LESTER Terry OO
X HICKMAN RD
2046 •EICHENSEHR Hal OO
2049 •LAWSON James OO
2057 •MARGELLO Carmen OO
2060 •FOX Daniel J 614-471-...
•NEWELL Caron 614-471-...
•NEWELL Ship 614-471-...
2066 •HAWLEY Frank L 614-475-...
2070 XXXX OO
2071 •SHAW Glenn OO
2072 •HAWLEY Mark OO
2077 •KEMP J 614-476-...
2080 •RIVERA Jorge OO
2085 •RUH Laurena OO
2088 •KEMP Robert OO
2092 •SNELLING Matilda OO
2097 •BOLEN Gary OO
2100 •SALYER Jas 614-471-...
2103 •CUMBOW Dale E 614-471-...
2106 •MULLINS C W 614-471-...
2111 •WEARS Armeal 614-337-...
2112 CASTLE Alice 614-475-...
•RUGG Theodore OO
2117 JOHNSON Kenneth R 614-471-...
•SIDERS Curtis OO
2125 •BING Kenneth OO
2126 •DAVIS Royce OO
2135 •SITTON Donna OO
2136 •COLLINS Maynard 614-476-...
2144 •BAILEY Carl 614-479-...
2150 •HORTON Geo E 614-475-...
2155 •ADKINS Michelle 614-471-...
2164 •DEVILLERS Daniel 614-337-...
2169 * PEACE UNITED METHODIST CHURCH
SCHILL Kevin G Rev 614-471-...
2170 •WELCH Daniel OO
2176 •PEERENBOOM Debbie 614-337-...
2182 •TRZCINSKI Joe 614-471-...
2187 VELASCO Romeo Rev 614-471-...
2195 TAYLOR Johnie 614-475-...
•TAYLOR P 614-475-...
2198 HANCK James 614-476-...
•HANCK Kellie 614-476-...
2201 •TEDROW Donald R 614-476-...
2202 •STIRES Jack OO
2207 •ANTONIAK Wm J 614-471-...
•ANTONIAK Wm J 614-337-...
X OLEN AV
2208 •CHRISTIAN Rebecca OO
2215 •SHAUB T M 614-475-...
2222 •CHAN Shek OO
2227 •SHERIDAN John J 614-475-...
2228 •HARRISON Martha 614-476-...
2233 •SCHMITZ S 614-476-...
2239 •WILSON P E 614-471-...
2242 •WOEHRLE Thomas OO
2247 •TURAY Desmond OO
2248 •PEKAREK Frank 614-471-...
2253 •VANDEWALLE Lyon OO
2254 •RATVASKY T A 614-478-...
2261 •COCHRAN Douglas OO
2262 •RAY Faye OO
2267 •REESE Durk OO
2268 •WOODFORD Carl OO
2274 SEJUD Rena Y 614-476-...
•STAFFORD Pamela OO
2282 •SALTS Edw W 614-471-...
2283 •CORDER Lester R 614-471-...
2288 •KAISER Robert OO
2293 •BARNES Paul OO
2294 •SEARS John OO
X CLEVELAND AV
2569 XXXX OO
2571 * MORE'S PBE INC 614-476-...
2573 XXXX OO
2575 * OHSTEEL INDUSTRIES 614-471-...
2577 •HAYS Bonnie OO
* PLASTIC RESOURCES 614-471-...
* RUPP INDUSTRIES INC 614-471-...
* TEMPHEAT PORTABLE 614-471-...
* TEMPHEAT&TEMPCOOL DIV 614-471-...
2579 * ELLEDGE GASKETING&SUPPLY CO 614-471-3998
2581 * MAACO AUTO PAINTING&BODYWORKS 614-476-...
2590 * CHRISTINE'S HAIR&TANNING SLNS 614-471-...
•MUNCY W OO
2596 * SPECIALTY CONSTRUCTION 614-471-...
2597 * CALLICOAT Paul 614-475-...
2610 * ARBOR PRO SALES INC 614-471-...

♦=DO NOT CALL ⊗=DO NOT MAIL ⊘=DO NOT CALL OR MAIL

CHARLES ST 2002

CHAPEL HILL CT 43228 CONT.
370 SANCHEZ Anastacio 614-276-7835 +1
374 XXXX OO
378 YU Shu L 614-276-8832 +1
382 XXXX OO
386 RODRIGUEZ Liborio 614-276-1008 8
390 XXXX OO
394 CRUZ Eduardo Lopez 614-275-1735 0
398 XXXX OO
★ 0 BUS 27 RES 7 NEW

CHAPEL SQUARE CT 43162 WEST JEFFERSON

WEALTH CODE 2 0

46 DIXON Tracy L 614-879-8938 +1
50 JORDAN Joyce 614-879-8906 +1
56 PRESTON Deck Rev 614-879-4056 +1
60 XXXX OO
65 WILSON A L 614-879-7099 +1
66 FERERER Annetta 614-879-8140 0
69 GILKERSON Lan 614-879-6211 +1
HARSH Sarah 614-879-6211 +1
70 XXXX OO
76 BROWN Belinda 614-879-9009 9
79 NEAL G J 614-879-9969 6
85 CAVINEE P Jason 614-879-4158 9
86 XXXX OO
89 WALKER Mendie 614-879-4759 +1
90 FLORES Miquel 614-879-9694 0
FRAZIER Jeanne 614-879-9694 0
95 PAVER P 614-879-7574 7
X FELLOWS AV
99 XXXX OO
★ 0 BUS 18 RES 7 NEW

CHAPEL STONE RD (98) 43004 BLACKLICK

8088 - 8252
CITY OF COLUMBUS
LICKING HEIGHTS LSD

X WAGGONER RD N
8088 ●WEGENER Colleen 614-751-0635 0
●WEGENER Werner 614-751-0635 0
8089 ●MALONE Colin J 614-575-9508 8
8094 ●SMITH Carol OO 0
8095 ●CLOSSMAN Linda 614-755-3975 9
8100 ●MORRIS Curtis E 614-577-9487 8
8101 ●BYRD David OO 0
8106 ●HAMMOND Barry E 614-863-9484 6
8107 ●GORE Duane 614-577-9672 9
8112 ●JONAS Rick A 614-759-8401 8
8113 ●STOWERS Michael OO +1
8118 ●JACKSON Chad OO 0
8119 ●GRIFFIN Bryon 614-501-9823 9
●GRIFFIN Tricia 614-501-9823 9
8124 ●CHEATHAM Edwin OO 0
8125 ●FRY Darin OO 0
8130 ●CAREY Thomas C 614-860-0619 8
8136 ●O'Dell James S 614-866-1838 9
X CANDLEGLOW RD
8142 KIRK Kimberly 614-863-2432 +1
●KIRK R K 614-759-6917 8
8148 ●BAHNICK Teri 614-856-3775 8
X RIVER PEBBLE DR
8154 ●THOMAS Gary D 614-759-7158 8
8160 ●RICHARDSON Barbara G 614-501-0524 9
8166 ●JOSEPH Douglas J 614-864-8431 8
8172 EVERHART Jason 614-575-9657 +1
EVERHART Katherine 614-575-9657 +1
●JUSTICE Elizabeth OO +1
8178 ●MORROW Nicole M 614-866-7809 9
8184 ●HITCHENS Douglas OO 0
8188 ●MCLEOD John OO +1
8190 ●SUPINO M 614-864-7806 9
8196 ●MANTILLA Jeanette Davis 614-577-1547 9
8252 ●MAYZUM Carolyn 614-759-0311 9
●MAYZUM Tom 614-759-0311 9
X MARCUM RD
★ 0 BUS 34 RES 6 NEW

CHAPIN CT (96) 43123 GROVE CITY

WEALTH CODE 8.0

4202 - 4253
CITY OF GROVE CITY
SOUTHWESTERN CSD

X LARCHMERE DR
4202 ●EISNAUGLE Preston 4th 614-539-0268 8
●EISNAUGLE Preston 4th 614-539-0269 9
4213 ●DEARTH Brian 614-875-1284 ♦ 7
●DEARTH Karen 614-875-1284 ♦ 7
4214 ●RITTER Charles OO +1
ROLFES Robert L 614-539-9146 6
4223 ●CHESTER John OO +1
4224 ●TOWNLEY Scott 614-871-9825 7
4233 ●JOSEPH Joe C 614-875-2346 7
4234 ●MCCOY Ardith 614-871-1998 ♦ 7
●MCCOY Duane 614-871-1998 ♦ 7
4243 ●BOEHM Robert R 2D 614-539-5096 6
●BOEHM Robert R 2D 614-539-5125 0
4253 ●CROYSDALE Russell 614-539-1672 9
★ 0 BUS 14 RES 2 NEW

CHAPMAN CT (94) 43026 HILLIARD

WEALTH CODE 8 0

5578 - 5619
CITY OF HILLIARD
HILLIARD CSD

5578 ●VOLGARES James F 614-876-0116 +1
5579 ●MCGHEE Michael OO 9
5586 ●COPELAND Bob 614-529-1073 8
●COPELAND Willie Mae 614-529-1073 8
5591 ●STEVENSON Doug 614-777-4062 9
5598 ●FINK Robert 614-777-8665 0
5601 ●FUSHIMI C 614-529-1483 5
5606 ●HOOK A 614-777-1857 6
●HOOK P 614-777-1857 6
5609 ●MCPHERSON Anne 614-771-0944 5
●MCPHERSON Bruce 614-771-0944 5
5616 ●HEATH Aaron OO 9
5617 ●TWITCHELL K 614-529-8568
●TWITCHELL R 614-529-8568

CHAPMAN CT 43026 CONT
5619 ●SHIEBLER Chuck 614-777-5061 ⊕ 9
●SHIEBLER Jackie 614-777-5061 ⊕ 9
X BOHLEN DR
★ 0 BUS 16 RES 1 NEW

CHAPS CT 43221 COLUMBUS

WEALTH CODE 9 0

5200 - 5252
CITY OF COLUMBUS
HILLIARD CSD

5200 ●LAMB J Alan 614-771-4813
5201 ●DETTMER Loretta OO +1
5206 ●HARD Wesley OO 8
5207 ●LONG Brent 614-850-7246 9
●LONG Susan 614-850-7246 9
5212 ●TAKAHASHI Noboru 614-529-0318 8
5215 ●GRUSZEWSKI A 614-876-6697 7
●GRUSZEWSKI P 614-876-6697 7
5220 ●HAINES Michael Jas 614-876-1905
5221 ●BRIDGWATER Michael 614-771-8906 +1
●BRIDGWATER Sallie 614-771-8906 +1
5227 ●LOGAN Mark J 614-771-8015
5228 ★ERIC A RIEVE CPA INC 614-527-9855 9
●RIEVE Eric 614-771-8358
●RIEVE Kay 614-771-8358
5235 ●BARRETT Kate 614-777-8439
●BARRETT Mike 614-777-8439
5236 SNYDER D 614-850-7399 9
●YODER Joseph W 614-850-7399 9
5243 ●KLAWITTER Kristen 614-850-9144 9
●KLAWITTER Paul 614-850-9144 9
5244 ●BRATT P G 614-529-5537 9
5251 ●NAPIER Rhonda 614-529-8641 0
5252 ●WEBER George OO +1
X SADDLEHORN DR
★ 1 BUS 23 RES 4 NEW

CHARBERT CT 43232 COLUMBUS

WEALTH CODE 0 0

X COURTRIGHT RD
3706 XXXX OO
3708 OEMBA Bocar 614-868-8739 0
3709 COLEY Marcia 614-577-1165 8
3710 NIANG Aliima 614-866-0132 +1
3712 CAUDILL Michael 614-751-9489 +1
3713 BOWMAN Victor K Sr 614-861-9649 +1
3715 XXXX OO
3717 HEARNS Mary 614-863-4671
3719 XXXX OO
3721 XXXX OO
3723 KINSLER J 614-759-7563 +1
★ 0 BUS 11 RES 4 NEW

CHARBONNET CT 43232 COLUMBUS

WEALTH CODE 4 0

3802 - 3835
CITY OF COLUMBUS
COLUMBUS CSD

3800 XXXX OO
3802 ●MOON Calvin OO 9
3804 ●DINKINS Harvella 614-501-4504 0
3805 ●HEFFLEY L M 614-864-3182
3806 BROWN C 614-575-2704 5
●LAWRENCE Joseph OO 9
3807 ●MUHAMMAD Jamal OO 9
3808 ●MILLS Donald OO 8
3809 ●BURTON Maretta F 614-864-7392
3810 ●WILLIAMS C L 614-575-6361 7
3811 ●BILES Melissa OO 8
3812 ●DANIEL D K 614-856-3945
DANIEL H J 614-856-3945
3813 ●PAYNE Jerry OO +1
3814 ●HAMILTON P 614-868-5853
3815 HEARD George 614-863-4312 +1
●WILLIAMS Michael OO 8
3816 ●HARDIN Ida OO 8
3817 ●MATTISON Shirley OO 8
3818 ●VANDEWATER J M 614-864-2246
3819 ●LONG Duncan OO 8
3820 ●MARTIN Jas L 614-861-6743
3821 ●WELKE R 614-759-9564
3822 ●MCCORD Michael OO 0
3823 ●SIEGEL K 614-868-2724
3824 ●BORDERS Charles OO 0
3825 ●HANDSHEY E G 614-864-0972 4
3826 ●SMITH Richard OO 9
3827 ●HUTCHINSON Thelma OO 8
3828 ●HARRIS Christie 614-861-5855 7
3829 ●WALTER E B 614-861-3308
3831 ●NEWPORT M 614-866-1117
3833 ●WALTON Michele OO +1
3835 ●GRUNEWALD John OO 8
★ 0 BUS 34 RES 3 NEW

CHARDON RD 43220 UPPER ARLINGTN

WEALTH CODE 9 0

2030 - 2137
CITY OF UPPER ARLINGTON
UPPER ARLINGTON CSD

X MOUNTVIEW RD
2030 ●FERRIN Harold E 614-451-0025
2033 ●TRAURING J B 614-457-2493 5
2040 ●HALL Daniel M 614-451-7287
2045 ●BALLINGER Paul 614-459-2294
●BALLINGER Susan 614-459-2294
2056 ●RODE Thomas J 614-538-9189 9
2057 ●STEVENSON Donald G 614-451-4662
2068 ●BLAKE Brian R 614-457-7368
STOLTZ Brandon 614-457-7368 9
2069 ●LEE Neal 614-451-8281
●LEE Neal 614-451-8003
●LEE Neal 614-451-2483 0
2080 ●SIMPFENDERFER G L 614-538-1916 ♦ 9
2083 ANDREWS K 614-451-3354
●DURTSCHI Karla OO +1
2092 ●KINGTON Betty L 614-451-7410
2095 ●CLARK Jas W 614-451-4738
2104 ●HERRIDGE John T 614-451-2794

CHARDON RD 43220 CONT
2105 ●SALVATERRA Arnold 614-451-5716
2114 ●TATERA Francis 614-459-3528
●TATERA Mary L 614-459-3528
2115 ●JACKSON Albert 614-451-0433 +1
2117 XXXX OO
2124 ●LISS Leopold Dr 614-451-4606
2127 ●MEYER Robt L 614-457-1484
2134 ●FERGUS Constance L 614-451-7517
●FERGUS Kevin B 614-451-7517
2137 ●WOLFE Theresa A 614-451-9727
X WOODBRIDGE RD
★ 0 BUS 28 RES 2 NEW

CHARECOTE LN 43220 COLUMBUS

WEALTH CODE 3.0

X MERRIMAR CIR N
4660...... COLONY OF COLUMBUS
B CAMPBELL Rachael A 614-273-0421 +1
MAGUIRE Kathleen R 614-273-0421 +1
J SCHLOMANN Andrew 614-326-0470 8
G TROY Lee G 614-459-1076
I ANDERSON Jon D 614-442-0638 7
DAVIS Charles 614-457-5725 0
FISHER L 614-326-0323 0
A HAINES Margaret H 614-457-9634 9
C JARVIS Gary L 614-326-3154 ♦ 7
MORGAN Donlan F 614-457-9540 0
4660..................................
X WEYBRIDGE RD S
4692...... APARTMENTS
C HOLTZLANDER Todd 614-326-2426 +1
F TARAU Marius C 614-459-7491 +1
A VROBEL Matthew O 614-538-8946 +1
H BRENNAN K 614-326-1582 8
D GREEN John L 614-459-1910 7
B HUMPHREY Eric 614-457-2408 9
SCHAROSCH L 614-457-5916 6
4692..................................
4710...... COLONY OF COLUMBUS
BESS R J 614-457-1917 0
K LINKIE Sharon S 614-451-8643 +1
LOOMIS Jessica 614-442-5975 +1
M MCNICOL Patk 614-451-9556
O RAPOL M 614-459-4448 0
I TARTAL Diana 614-457-7431 2
L ECKERT Jeffrey B 614-442-8947 5
P LANG Sandra L 614-451-3799 6
SPANN James L Jr 614-457-8820 0
J WHEELER P 614-538-1205 0
4710..................................
★ 0 BUS 27 RES 7 NEW

CHARING RD 43221 UPPER ARLINGTN

WEALTH CODE 9.0

2520 - 2897
CITY OF UPPER ARLINGTON
UPPER ARLINGTON CSD

2520 OTT Jeffrey D 614-486-2303
2521 ●OSBORNE Dorothy OO 8
2550 ●BUDLONG L Clarke 614-486-1824
2551 COWMAN D G 614-488-2744
KITCHEN Matthew 614-481-1906 0
MALATESTA Stan 614-488-3346 6
STIRES Shannon N 614-486-1656 +1
2557 ●KIRK Vera OO ⊕ 0
2560 ●GALBREATH John OO +1
2565...... APARTMENTS
1 BUEMI Matthew 614-486-6995 9
3 EVANS T R Jr 614-488-5577 7
4 FRIEDMAN A C 614-488-5339 3
8 METZGER S J 614-488-2624
6 MOBERLY Travis Todd 614-488-1385 0
2 PAUL Carey B Sr 614-488-1693
5 WALKER T R 614-488-3284
2565..................................
2571 XXXX OO
2575B DAVIS L 614-488-6233 +1
2575A ROUMANOS Gus 614-481-8050 8
A ISABELLE Kristina 614-481-8050 8
2589 XXXX OO
2590 ●KOWALSKI Kevin OO 0
2591...... APARTMENTS
GAYLORD Erin C 614-486-9818 +1
E MICHA J A 614-486-1650 5
RANDALL John G 614-486-6919
WOLFE Lou 614-481-0811 8
B ZIMMER Brian T 614-488-8513
2591..................................
2601 ●HILL Laverne OO 9
MAGEE Amanda 614-488-0058 +1
2603 XXXX OO
2605 BARRON S A 614-486-2150
2607 MOORE Kay 614-486-4138
2609 MILLER Richard J 614-488-8115
2610 ●MEILING George 614-488-2488 7
●MEILING George 614-488-3449 8
X LEEDS RD
2611B KERR M 614-486-3885 0
2611 SHIVKAMINI Somasundran 614-481-7902 7
2615...... APARTMENTS
A GORODN Alex T 614-488-0558 +1
E MONTGOMERY Susan J 614-488-4202 +1
D PEQUIGNOT Jennifer 614-486-6987 6
B SCOTT S M 614-486-0686 7
F LONGSTRETH A R 614-481-9277 3
RICHARDSON J A 614-488-7153 5
2615..................................
2623 ●WALQUIST Linc 614-487-0844 7
●WALQUIST Sandra 614-487-0644 7
2625 ●CATERER Kathryn OO 9
2627 ●VOLIO Paula OO +1
2630 ●HOLSCHUH John D 614-488-6761
2633 ●JENKINS Marilyn OO 9
2635 JONES Steven O 614-486-1919 6
2637 MAGNUSON Arthur R 614-488-6330
2642 ●LEHMAN Harry J 614-486-7166 ⊕
2643 ●HOLLINGER William OO 9
2645 SHEPHERD Roy J 3D 614-481-7983 4
2647 XXXX OO
2649 DIFRANGIA John 614-485-9796 0
2651 HICKMAN Joel Scott 614-481-8566 +1
●MYERS Jeffrey OO 6
2653 MAYNARD D 614-488-6698 +1
2654 ●BINAU Dan 614-488-6408
★BINAU DAN J ATTY 614-488-6408
●BINAU Kathy 614-488-6408
2659 ●GAUPP James OO 9
2661 ●GAUPP Thomas E 614-486-0029 +1
2663 ●WRIGHT William E 614-486-0850 6
2666 ●DANGELO Theresa 614-486-1336
●DANGELO Tim 614-486-1336

CHARING RD 43221 CONT
2667 FERRELL Claudia 614-488-6325 +1
●GRIFFITHS Edward OO 8
ZIEGLER Robin 614-488-6325 +1
2669 MULLIGAN Thomas W 614-486-1347 9
MULLIGAN Thos W 614-486-5412
2671 ●GRIFFITHS Edward OO 9
2673 KANARD Roly 614-487-9914 +1
2675 JACQUES Robert 614-486-0953 ⊕ 9
2680 ●BOWMAN Laura OO 8
2683 JEFFERS L A 614-488-9545
●THAYER Constance OO 9
2685 PAUL Mark R 614-486-3987 +1
2687 XXXX OO
2689 MEISSNER Michael A 614-481-8118 +1
2690 ●GRAY Harold 614-488-0835
●GRAY Suzanne 614-488-0835
2697 ●BOLES Stephen OO +1
X ABINGTON RD
2705 ●MANGINI Scott OO 0
2707 BUCCILLA Matthew J 614-481-1974 0
MANGINI Scott 614-481-1974 ♦ 0
2710 ●FEDERLE Katherine OO 0
★HAYNES&ASSOCIATES ARCHITECTS 614-485-9886 0
2715 CHICK Bradford W 614-481-8642 9
2717 GALLION Jason 614-487-1524 +1
2719 MERRYMAN Gary 614-486-5396 7
2731 ●COLEMAN Theodore OO 9
LYNCH John C Cpa 614-481-8117 ⊕ 9
2733 DUDGEON T H 614-488-9010
2735 XXXX OO
2737 RADLOFF John 614-488-7732 9
2747 ●HORTON Richard OO 9
2749 LOWRY C 614-246-0120 +1
2751 XXXX OO
2755 ULANE W 614-486-4612 0
X DORCHESTER RD S
2765 ●VOGEL Byron W 614-486-7266 ♦ 5
2767 BOWERS Patricia A 614-488-1404 6
2769 PIERSON Christopher 614-486-3732
2787 ●FRAKES Glenore OO 9
TAYLOR S 614-486-8516 8
2789 WEBSTER R N 614-485-7408
2791 POND Robt E 614-488-2254
2803 BRAKE Jay 614-485-9960 +1
●FRAKES Glenore OO 9
2805 DAMMEYER Diane 614-488-1405 +1
2811 ●BLUE S 614-486-3200 8
2815 ●SOBIECH Patricia OO +1
2827...... APARTMENTS
LADRACH Jeff 614-486-0914 +1
C VALBUENA P 614-487-8508 6
D WEEMS Michael 614-486-6920 0
E ABBOTT N 614-488-9585 6
E ABBOTT N 614-488-4128 9
F FANKHAUSER Richard 614-488-1667 7
2827..................................
X MARGATE RD
2840 BINENFELD Bruce 614-487-8025 9
●NELSON Hugh OO 9
2841 ●PORTER Betty OO 8
2843 XXXX OO
2845 BEAUCHENE Ann M 614-486-3695 0
2857 ●REDMOND Chas D Atty 614-488-8625
2859 ●REDMOND Mark 614-488-8041 9
2860 PATTON Robt M 614-488-6249
2867 BARR Deleen 614-486-1914 0
BARR Mitchell 614-486-1914 0
CUNNINGHAM Cynthia 614-486-0125 0
●GRIFFITHS Edward OO 9
2869 ●GRIFFITHS Edward OO 0
2881 MOORE David A 614-485-0573 +1
●NORTHRUP John OO 9
2883 DZAMOV Nikola 614-487-2009 8
2885 XXXX OO
2891 ●SMITH Anson B 614-488-3325 ♦ 8
2893 ●KAISER J W 614-488-1312 6
2895 YAISSLE Jill 614-485-0124 +1
2897 ●BRASEL W OO ⊕ 8
X CANTERBURY RD
★ 2 BUS 138 RES 25 NEW

CHARING CROSS (96) 43119 GALLOWAY

WEALTH CODE 7.0

180 - 362
CITY OF COLUMBUS
SOUTHWESTERN CSD

180 ●CAUDILL Michael OO 9
181 ●WEEMS Brian K 614-853-9021 8
187 ●MEADOWS Frank 614-878-1893 8
192 ●HALTER Patrick OO 9
193 ●HEWLETT Pinkie OO 9
199 ●WARRICK Stephen OO 9
200 ●GILHAM Lisa OO 9
205 DILL Matthew 614-870-3835 +1
●GEARHEART Julie OO +1
211 ●ROSS James OO +1
212 ●BURSON Don E 614-851-9102 9
217 ●BOSTIC J 614-853-1084 9
●BOSTIC L 614-853-1084 9
223 ●BREWER Brian 614-851-8264 9
224 ●PEACOCK Tim OO 9
229 ●TATE D L 614-870-1550 7
TATE Deborah 614-851-0602 +1
235 ●JOHNSON Chasnie 614-878-8901 8
236 ●FLUSCHE James Rev 614-870-9809 0
●FLUSCHE Melissa 614-870-9809 0
243 ●HUFFMAN Glen M 614-851-5872 0
251 ●COURTRIGHT Harry 614-878-0510 7
259 ●CONNORS Jason OO 9
267 ●ABSHIRE Karen OO 9
X BENTONHURST CT
275 ●BRUNA Kenneth OO 9
283 ●WALKER Imogene 614-878-6983 6
●WALKER Ronald C 614-878-6983 6
291 ●RINGS Diane 614-878-9507 9
●RINGS Jay 614-878-9507 9
297 ●BANDALAN Mike 614-878-2016 +1
●BANDALAN Sharon 614-878-2016 +1
303 ●DUBIEL David 614-851-9830 6
DUBIEL Hannah 614-851-9830 6
311 ●WRIGHT Robert OO 9
319 ●HORNE Gayle H 614-870-0621 8
X AVONHURST CT
327 LOEPER Sandra 614-853-0922 9
●PERRY Lisa A 614-853-0922 8
333 ●CORZATT Kyle 614-851-0440 9
339 ●SCHNEIDER Robert 614-870-9786 9
345 XXXX OO
346 ●UNDERWOOD C R 614-853-0740 8
351 ●HEPLER Keith 614-851-0217 8
354 ●HARRIS Melissa 614-878-5224 0
359 ●BREWER L S 614-870-7304 9
362 ●WITHROW Richard OO 0
X SULLIVANT AV
★ 0 BUS 45 RES 6 NEW

CHARINGTON CT 43147 PICKERINGTON

WEALTH CODE 9 0

8849 - 8972
VIOLET TWP
PICKERINGTON LSD

6849 ●NEAL Mary OO +1
6871 ●PETERMAN Gary 614-861-6570
★STERLING MAIDS 614-864-9400 6
6878 ●CHIZMAR Michael T 614-866-0624
6891 ●GERHARD Carl W 614-866-3465
6896 ●BROWN E 614-575-6924 9
X CHARINGTON DR
6915 ●HOPPER Wm L 614-861-5554
6916 ●HOWARD Jas J 614-864-3875
6950 ●COOKE Wm J 614-861-3979
6951 ●ROSS Donald 614-868-1459 ⊕ 6
6971 ●LASSA Arthur G 614-864-7497
●LASSA Arthur G 614-575-0283 0
6972 ALLEN M W 614-864-3534
ALLEN Mike 614-864-6886
ALLEN Sue 614-864-6886
★ 1 BUS 14 RES 1 NEW

CHARINGTON DR 43147 PICKERINGTON

WEALTH CODE 9 0

13122 - 13270
VIOLET TWP
PICKERINGTON LSD

X CHARINGTON CT
13122 ●PHILLIPS Wayne L 614-861-1691
13134 ●GALDEN David OO 8
13154 ●TUMBLISON Dennis OO 8
13172 ●VANDRMAN Lawrence S 614-864-1001
X WINSTON RD
13222 ●CRISWELL H H Jr 614-866-0320
13270 ●SICKMEIER Douglas T 614-866-4339 6
X CHEVINGTON CT
★ 0 BUS 6 RES 0 NEW

CHARLBURY DR 43220 UPPER ARLINGTN

WEALTH CODE 9.0

4976 - 5001
PERRY TWP
UPPER ARLINGTON CSD
5015 - 5033
PERRY TWP
DUBLIN CSD

X HENDERSON RD W
4976 ●KENT James H 614-451-2830
4977 ●LEWIS D 614-457-4613 6
4984 ●GEORGE Bryan P 614-442-7533 9
4985 MANILCHUK Andrei 614-457-7203 +1
●PYLAEVA Olga OO +1
X WOODVIEW PL
5000 ●MEADE Larry A 614-459-9159
5001 ●FARKAS Paul OO 8
5015 ●JAMISON G D 614-451-5144
5032 ●LEADER Alexander 614-457-5116 +1
5033 ●WALTON E Hillier 614-451-3258
★ 0 BUS 10 RES 3 NEW

CHARLEMAGNE 43123 GROVE CITY

WEALTH CODE 7.0

2327 - 2471
JACKSON TWP
SOUTHWESTERN CSD

X MCCOMB RD
2327 ●MUNCY Lonnie OO 8
2336 ●BECKER Fred R 614-875-3953
2340 ●ACOCELLA Guy 614-875-5866
2341 ●KAMINSKI Gary OO 8
2345 ●DAY Diana 614-875-6593 +1
2346 ●TAYLOR Kymm OO 8
2355 ●DUNN Burley M Jr 614-875-5939 ♦
2364 ●REBER Jack OO 6
2370 ●CAUDILL Jas H 614-875-2661
2384 ●MCCORMICK R A 614-875-6753
2385 ●MATHEWS John Stewart 614-875-0946
2388 ●SHELDON Chas E 614-875-1882
2391 ●LLOYD Allen Jr 614-871-7262 9
X LOIS DR
X WEST RD
2401 ●MCKNIGHT Lora A 614-875-6284 ⊕ +1
2415 ●CLINE Carl 614-875-3112
2424 ●COCHRAN Jackie OO 8
KO Yeon Ok 614-539-3406 9
2425 CHAFFIN I 614-875-8885 8
●EVANS Imogene OO +1
2436 ●DENNY Virgil 614-875-2191
2437 ●SWYCK S 614-277-0752 +1
2448 ●LHAMON Holly OO 8
2449 PRIOR Harry T 614-539-0159 +1
2461 ●ROFFE David C 614-871-9514
2470 ●SHEPPARD Virgil L 614-539-6668 0
2471 ●KEARNS Dale OO 8
★ 0 BUS 26 RES 5 NEW

CHARLEMONTE WAY (95) 43110 CANAL WINCHSTR

WEALTH CODE 8.0

3670 - 3703
CITY OF COLUMBUS
GROVEPORT MADISON LSD

3663 CLIFFORD Ml 614-833-6284 +1
3670 ●PIERCE Steven OO 9
3671 ●ROGERS Doris OO 9
3672 MEECE O A 614-833-2319 5
3673 ●PRESKAR Karen 614-920-1873 +1
3675 ●WADE V A 614-833-0621 ♦ 5
3677 ●SIMPSON June OO 0
3681 ●TAYLOR Catherine OO +1

CHARLEMONTE WAY 43110 CONT
3683 ●ROGERS Marilyn J 614-834-0240
●ROGERS Robert E 614-834-0240
3685 ●MARTIN Pat 614-833-2658 6
3687 ●HALL Joyce 614-920-0077 +1
3691 ●COOK N 614-837-1582 +1
3693 WHITE N 614-837-6234 5
3695 ●WAIBEL J G 614-837-4357 6
3698 ●HINCKLEY Donald 614-834-0818 5
3700 ●SADLER Julia OO +1
3701 ●PROBASCO Jo OO 5
3703 EBERST S 614-837-0980 5
●GRAVELY Sue OO +1
★ 0 BUS 20 RES 7 NEW

CHARLES 43209 BEXLEY

WEALTH CODE 4 2

2201 - 2395
CITY OF BEXLEY
BEXLEY CSD

2090E MILLER Jodi N 614-239-9311 +1
2090C PARFENOV Yelena 614-231-0797 3
2092D ZASLAVSKAYA Fira 614-235-0100 +1
D LEVITSKY Sergey 614-236-5172 9
2100...... APARTMENTS
AKHMAMETYEVA Elena M 614-239-9943 0
A BARNES Andrew J 614-238-3475 +1
C BRADLEY Sean M 614-237-0433 +1
BREIDO Inna 614-231-4043 3
E HILL Timothy J 614-237-0056 +1
JURGENSEN B 614-239-7354
2100..................................
2101 XXXX OO
2102...... APARTMENTS
BLACKSON Cory M 614-235-3878 +1
BLACKSON Sara 614-235-3878 +1
A KENT Stephanie L 614-235-4349 +1
B KOETZ John R 614-237-1549 0
E LEVOITSKIY Gregory 614-239-5746 +1
MOGILEVKIN Yefim 614-235-6552 5
2102..................................
X SHERIDAN AV
2110 ★BEXLEY VILLAGE 614-237-9266
X COLLEGE AV
2201 XXXX OO
2203 SMITH S 614-238-6793 0
2205 XXXX OO
2207 XXXX OO
X EUCLAIRE AV
2395 ●LARRIMER Richard OO 9
X CASSINGHAM RD S
★ 1 BUS 22 RES 9 NEW

CHARLES CT 43147 PICKERINGTON

WEALTH CODE 9 0

1582 XXXX OO
1584A AHEE Halene A 614-863-6499 +1
1584 LUKENS Ann 614-861-8726 8
LUKENS David 614-861-8726 8
1588 DANKOWSKI Amy 614-759-0458 +1
DANKOWSKI Dan 614-759-0458 +1
1586A BARNHART Bryan 614-501-8290 0
1586 XXXX OO
1591...... APARTMENTS
BERLEKAMP Erin 614-864-8393 +1
BERLEKAMP Kurt 614-864-8393 +1
BJORNAS Kristy 614-861-2125 +1
BJORNAS Martin 614-861-2125 +1
I FITZPATRICK C 614-367-1920 +1
J SAYEED Quazi 614-861-4159 0
A WHETSTONE Dean 614-755-2509 9
D ANDERSON Vernon E 614-751-8310 8
F EPSTEIN Morton 614-864-9232 8
H GREER Shane 614-861-4169 0
L OSMAN Debbie 614-367-9134 0
SCHILL Joseph C 614-759-6247 0
1591..................................
1595...... APARTMENTS
C CROSS Thomas 614-501-9941 +1
FLOWERS John 614-864-3942 +1
FLOWERS Sherry 614-864-3942 +1
B GEORGE T 614-367-9569 +1
L HARTMAN Krista 614-861-0743 +1
E KROTZER Tara L 614-868-1924 +1
H PLUNKETT Jeff 614-860-0621 9
A SMITH A 614-322-1184 +1
F ULRICH R E 614-751-6578 8
G DICKENS Karen 614-575-0142 9
J STOTRIDGE Paul 614-501-7568 0
1595..................................
X TURNBERRY DR
★ 0 BUS 31 RES 15 NEW

CHARLES DR 43123 GROVE CITY

WEALTH CODE 4 0

2690 - 3109
CITY OF GROVE CITY
SOUTHWESTERN CSD

2690 ●BONDO Saundra OO 9
2692 XXXX OO
2700 KINNEAR Lucilla A 614-875-9171 +1
●ROSS Steven OO
2702 XXXX OO
2710 ●SNIDE Richard OO 8
2711 ●MAPLE Donald OO 9
SCHRAMM O 614-539-7212 9
2712 SPIES K R 614-871-7202 ⊕ 5
2713 MCGEEHAN T 614-539-2799 0
2720 ●NORDMOE Ronald OO 9
2721 ●NORDMOE Ronald OO 9
2722 XXXX OO
2723 XXXX OO
2730 ●WINKLER Richard OO 9
2731 ●MITCHELL Faye OO 0
2732 BLANKENSHIP Rhonda 614-539-2823 +1
2733 NICELY Thomas 614-871-7613 9
2740 ●WINKLER Xiaoke OO 9
2741 ●EMERSON Wayne OO 9
2742 XXXX OO
2743 FILEDS Randall 614-539-7752 0
2749 SMART Kim 614-277-0425 +1
●SNIDE Richard OO 9
2751 XXXX OO
2757 ●EMERSON Wayne OO 9
X HOME RD
3081 ●PATTON James OO 0

♦=DO NOT CALL ⊕=DO NOT MAIL ⊘=DO NOT CALL OR MAIL

COLLEGE AVE 2002

COLFAX AV 43224 COLUMBUS

WEALTH CODE 5 5

2061 - 2308
CITY OF COLUMBUS
COLUMBUS CSD

No.	Name	Phone	Code
X	WALFORD		
2061	●KYRE B A	614-471-6203 ♦	
2062	●FOSTER Lorretta	OO	+1
2071	●BICKEL Ralph L	614-471-6440	
2072	●ALESHIRE Robt E	614-475-1018	
2079	●CHOINA Sandra	OO	9
2080	●SHORT T E	614-428-8826	0
2087	●SHORT Donald E	614-471-6458	
2088	●ASTON E H	614-475-1577	
2096	●POLING Virgil	614-475-1459	6
X	HICKMAN RD		
2104	●ANDREWSBRYA T	OO	8
	BRYANT T	614-478-8307	+1
2112	●HAYDEN Deaudra	OO	0
2113	●BARBER B	614-476-4324	
2120	●ASBECK Adam A	614-476-9264	9
2123	●GREER Melvin L	614-471-3163	
2128	●STEFANEK John	OO	8
2129	●HOPKINS D	614-471-6598	3
2137	●HENKEL T N	614-337-9626	
2138	●TULLIS Lance	614-428-5609	+1
2143	●GORDON John R	614-471-6313	
2144	●JONES D C	614-476-3208	3
2151	●CARRINGER O	614-475-4761	
2154	●DALTON Henry J	614-471-6456	
2159	●GRAHAM A J	614-471-6310	
2160	●ALI L	614-471-6761	
	●ALI L	614-471-1390	9
2165	●REED Melvin	OO	8
2170	●ARMSTRONG Fred E	614-471-6824	
2173	●VALLETTE D	614-471-7187	8
2178	●HERNDON Bradley	OO	8
2181	●WILLIAMS Grady J	614-471-0875	
2186	●CORBIN Jerry	614-471-9806	
2187	●ULERY Amber L	614-475-7129	0
2194	●BURT David	OO	0
2195	●BRUBAKER Marla	614-475-3960	
	●BRUBAKER Rick	614-475-3960	
2202	●GERLACH Cindy	OO	+1
2203	●BINNS C M	614-475-9907	
2210	●WILLEY Linda	OO	8
2211	●NAUMAN Richard L	614-471-6321	
2217	●MCIVER Mark T	614-476-9309	2
2218	KELLIN James L	614-428-9421	+1
	●WHALEN Nancy	OO	+1
2226	●JONES Michael K	614-476-9639 ♦	9
2227	●ELLIS M M	614-471-0735	
2235	●DAVIS Saundra	OO	8
2236	●MACK Angela	OO	+1
2243	●GRUNEWALD Michael	OO	+1
2246	●HANNON Michael J	614-471-0730	
2251	●BURTON Thos G	614-476-2795	
2254	●COFFEY David L	614-471-5582	
2261	●PEREZ Isaac	OO	9
2262	●TURNER D R	614-471-9697	6
2269	●SUSI B	614-471-6095	
2272	●BRUSADIN Anthony	614-476-1074	0
2279	●TOMLINSON K L	614-478-8542	2
2280	●HUEY William	OO	8
2287	●MUNDY Sean	614-476-4315	9
2288	●BELCHER G	614-337-9411	
2294	●ALLEN Wm J	614-471-6769	
2295	MARUCA J L	614-428-4851	+1
	●REYNOLDS Thomas	OO	+1
X	ASHLEY DR		
X	FENTON		
2300	●WEBSTER Harold	OO ⊕	8
2303	●SWINEHART Laberla	614-476-5979	6
	●SWINEHART Paul	614-476-5979	6
2308	●LINEBERRY T	614-476-1909	+1
2318	DOLAN Jas F Jr	614-471-5239 ♦	
★	0 BUS	67 RES	11 NEW

COLGATE RD 43213 WHITEHALL

WEALTH CODE 4 0

865 - 1027
CITY OF WHITEHALL
WHITEHALL CSD

No.	Name	Phone	Code
X	VANDERBILT DR		
865	●MATHYS John	614-864-4605	+1
868	●PACCIORETTI Anthony	614-868-0077	
873	●BENNETT Kenneth	OO	+1
876	●WALKER Gina S	614-856-1554	0
881	●SHULL Chas B	614-861-3728	
888	●THIEDE Amanda A	614-864-8399	0
889	●MOORE Beth	OO	8
897	●SCHLATER Tiffany	OO	+1
898	●EYE V L	614-866-9779	+1
904	●JONES Howard	OO	8
907	●AKE Vivian	OO	9
912	●BAILEY Ray B	614-861-7019	
915	●BALS Lavonne	OO	9
920	●LEGGETT Louie	614-864-9612	
	●LEGGETT Sue	614-864-9612	
923	●WILLIAMS Kathleen	OO	9
928	XXXX	OO	
931	●FLOYD Nathaniel	614-501-0458	0
	●FLOYD Tara	614-501-0458	0
936	●JONES Tim P	614-751-0272	6
939	●KIRK D	614-501-7506	+1
944	●VONSCHRILTZ Daniel	614-866-0971	
947	●PAULSON Kenneth	OO	8
950	●YOUNG Betty	OO	8
955	●YANG Soon	614-868-9705	
958	★MEIER HOME IMPROVEMENT	614-575-0588	5
	●MEIER Kelly	614-861-9959	9
963	●PARKS R	614-864-1663	7
966	●HOWARD Robt	614-861-8231	4
971	●GRABOVICH Steve	614-861-6737	
974	●BAISDEN John A	614-856-0990	+1
979	●GLADWELL Charlotte	OO	8
982	●MOORE Richard D	614-861-3595	
987	●MILLER Jerry	OO	8
990	●LEWIS Linda	OO	9
995	●BYERS H M	614-864-1638	
1000	●SMITH Jeremiah	OO	0
1008	●WEAVER Teresa	OO	0
1009	●JOLLEY D	614-863-4301	0
1015	●GOINGS Roger	OO	9
1016	●KEY David	OO	8
	SKEENS Shelly	614-322-1527	+1
1026	●POPPER Gregory	OO	8
1027	●THOMPSON J E	614-866-9630	
X	DIMSON DR S		
★	1 BUS	43 RES	7 NEW

COLHASSET LN 43220 COLUMBUS

WEALTH CODE 7 2

1750 - 1776
CITY OF COLUMBUS
COLUMBUS CSD

No.	Name	Phone	Code
1750	●COHEN I	614-538-9661	3
1752	●DUDROW John	614-451-9541	8
1754	●RYAN S I	614-538-9144 ♦	5
1756	●RITTER L M	614-459-1443	
1760	●FAIR B A	614-442-1574	
1762	●TOOPS Alan	614-457-2944	2
1764	●KASTER Lynn	OO	8
1766	●DRABENSTOTT Maryjo	614-326-0704	0
X	REED RD		
1770	●SHAW M E	614-451-6794 ⌀	9
1772	●FULLAM William 3D	614-451-2740	+1
1774	HARPER Nelson N	614-451-7631	
	●WALKER Susan	OO	+1
1776	●KLINE Reba	614-459-7892	9
★	0 BUS	13 RES	2 NEW

COLIN CT 43229 COLUMBUS

WEALTH CODE 1 0

No.	Name	Phone	Code
1900	XXXX	OO	
1901	XXXX	OO	
1902	MOALLIN Abukar E	614-431-9017	+1
1903	XXXX	OO	
1904	XXXX	OO	
1905	XXXX	OO	
1906	XXXX	OO	
1908	RUTASHONGERWA Daniella K	614-846-1852	+1
1909	BURTON Brent T	614-880-0240	+1
1911	ABDI Sadia A	614-880-1020	+1
	CAMALO Suleman	614-847-9090	+1
1912	XXXX	OO	
1913	STROH Jesse	614-847-4315	+1
1914	HENDERSON Tameca	614-635-8689	+1
1915	WHITMORE Eugene A	614-431-5413	9
1916	XXXX	OO	
1917	XXXX	OO	
1918	XXXX	OO	
1919	ALEXANDER Earline	614-825-4145	+1
X	CARAHAN RD		
★	0 BUS	19 RES	8 NEW

COLLEEN CT 43221 COLUMBUS

WEALTH CODE 9 0

3217 - 3242
CITY OF COLUMBUS
HILLIARD CSD

No.	Name	Phone	Code
3217	●SHEETS Kendall	614-876-4910	
3225	●THOMPSON F M	614-876-6530	
3230	●KRIMM J J	614-876-1014 ♦	
3237	●KINSEY L	614-876-5347	
3242	●BISHOP Curtis	614-876-7550	
	●BISHOP P V	614-876-7550	
X	NOREEN DR		
★	0 BUS	6 RES	0 NEW

COLLEGE 43125 GROVEPORT

WEALTH CODE 3 8

80 - 331
MADISON TWP
GROVEPORT MADISON LSD

No.	Name	Phone	Code
X	HAMILTON RD		
78	EDWARDS Paul	614-836-5414	9
80	●EDWARDS C P	614-836-5877 ⊕	9
98	●HASLETT Eugene	OO	9
98D	HURT Jerry L	614-830-0480	+1
101	APARTMENTS		
	MYERS Allen L	614-830-0201	+1
	●STEBELTON Kenneth	OO	8
	TRIPLETT Brandon R	614-830-0324	+1
H	EMMERS Dorothy	614-836-3132	
F	EMMERS Ronald	614-836-9045	
C	HAYES Bill D	614-836-3101	3
101			
111C	COSSIN Jane	614-830-0109	+1
111	MCNAMEE Glenn S	614-836-7327	+1
111A	HAYES Nadean	614-836-5748	9
112	●GLOVER Dewey	614-836-5281	
X	NAOMI CT		
119	●BAKER Jeffrey	OO	8
120	●KOHLER D	614-836-1709	6
121	XXXX	OO	
122	●BAKER Jeffrey	OO	8
126	XXXX	OO	
149	●GREEN Mark E	614-836-9277	
	★GREEN MARK E&ASSOC	614-836-5590	2
X	BLACKLICK		
163	ADAMS Brian R	614-836-7737	+1
	●JEWETT Roxanna	OO	+1
169	●HUMPHRIES Angela	614-830-0467	+1
	●HUMPHRIES William	614-830-0467	+1
175	●WOODS Tamara	OO	9
X	MAPLE		
183	●DAVISON Leona	OO	8
184	●MICHAEL William	OO	9
186	MICHAEL William L	614-836-0934 ♦	7
191	HOPKINS Brent	614-836-2345	0
	●JONES Peggy	614-836-2062	0
	●JONES Scott	614-836-2062	0
197	HUNT Edward J	614-838-1091	0
	●LOSKOTA Stephen	OO	0
X	ELM		
205	●CAMPBELL S A	614-836-7314	3
212	●COTE Catherine	OO	0
213	●ERVIN M	614-836-2004	5
214	●STANSBURY Margaret L	614-836-3105	
217	PEELLE Derek	614-836-8240	7
	●WATTSBAILEY Brenda	OO	8
218	●BLEDSOE Dona	OO	0
221	●THOMPSON Virgil	614-836-1462	0
X	MAIN		
222	●BATES K	614-836-3820	0
231	XXXX	OO	

COLLEGE 43125 CONT

No.	Name	Phone	Code
250	XXXX	OO	
X	CHERRY		
275	★GROVEPRT PRESBY CH	614-836-3796	5
283	XXXX	OO	
284	●MOODY M L	614-836-5294	5
287	●WHIPPLE Andy	614-836-2915	7
X	CANAL		
296	DILLON Linda	614-838-1908	0
	●HASLETT Eugene	OO	0
299A	DALTON S L	614-830-0025	+1
299	HAYES H	614-830-0079	+1
305	●MONTGOMERY Jon	OO	9
306	XXXX	OO	
310	●LEMASTER Bert	614-836-8217	7
313½	LOWERY J S	614-836-3750	+1
314	●MORRIS Aaron W	614-836-3441	0
323	●STORTS Danny	614-836-7765	7
324	GRAHAM Shelly L	614-836-6089	0
	●TERRY Lee	OO	9
328	●SIMMS Ronald	OO	+1
331	●HARPER Terry	614-838-5229	7
X	WIRT RD		
★	2 BUS	61 RES	13 NEW

COLLEGE AV 43209 BEXLEY

WEALTH CODE 5 2

661 - 984
CITY OF BEXLEY
BEXLEY CSD
1031 - 1327
CITY OF COLUMBUS
COLUMBUS CSD

No.	Name	Phone	Code
X	MAIN E		
X	MOUND E		
661	KUYPER Courtney	614-239-8607	+1
669	FLECHTNER Laura L	614-235-3276	0
672	XXXX	OO	
675	●STEVE Mike	614-231-6210	
677	GIANVITO Michele	614-236-8565	7
	●HESS Richard	OO	9
680	XXXX	OO	
681	●HESS Rich	614-236-4050	
	PARKER K	614-231-9818	9
693	XXXX	OO	
699	LULOW Adam R	614-237-5649	0
X	ASTOR AV		
X	GRANVILLE PIKE		
709	★FELLOWSHIP CHRISTIAN ATHLETES	614-235-3999	+1
	★FELLOWSHIP CHRISTIAN ATHLETES	614-235-4619	+1
	★INTL FIELD STDS INC	614-235-4546	
726	XXXX	OO	
729	●IRVINE Michael	614-239-8594 ⊕	4
	MUNDY S	614-338-1301	
733	●SPEAKMAN Norman L	614-236-0477	
737	●MCCURDY T L	614-235-9665	
738	XXXX	OO	
741	ACKERY Mark	614-237-0250	+1
	●GARNER Helen	614-237-0250	+1
746	XXXX	OO	
748	XXXX	OO	
751	●RIESENBERGER Jas A	614-231-0036	4
752	XXXX	OO	
760	XXXX	OO	
761	●CORELIS Michael	614-237-8993	8
766	XXXX	OO	
767	●HARMS Seth	614-231-4045	7
	●HARMS Thea	614-231-4045	7
773	●THOMPSON Raymond L	614-231-8517	
783	●WALDBURGER John	614-238-0104	
786	●STROPES Edw N	614-231-6832	
793	●MUNCY Stephen	OO	9
801	●MUNCY Stephen	OO	9
806	●MCCLAIN Edw	614-235-0449	
807	FEYH Brian	614-237-6948	6
	FEYH Stephanie	614-237-6948	6
	●MUNCY Stephen	OO	8
812	●BUSH Kevin	614-239-5737	7
815	●JAMES A	614-231-7654	5
822	●KIRSCHNER Rick	614-239-0822	
825	●WATIKER Chadwick	OO	0
826	RAILSBACK Dana	614-237-0115	9
832	●GIRARD Mark	OO	+1
833	●DAVIS Theresa	614-239-0238	0
834	BAHNFLETH Matthew D	614-238-3054	0
835	XXXX	OO	
840	●MOORE John W	614-239-8124	
845	●SHARP Richard E	614-238-6611 ♦	
850	●BLITZER Fred A	614-237-8436	8
853	BACH Michael R	614-231-3039	0
854	●SMITH William	OO	9
	WILSON Steve A	614-235-7714	2
858	SMITH William	614-237-8762	7
859	●SEYMOUR J	614-231-3811	8
	●SEYMOUR T	614-231-3811	8
860	GILBERTSEN George	614-237-8731	0
	●RUSSELL Sally A	614-237-8731	9
862	LOCHSTAMPFOR Erin	614-236-2415	+1
863	XXXX	OO	
865	●BRICKEY Michael	614-237-5333	
	●BRICKEY Michael Dr	614-237-4556	0
866	●MCCOY Watson A Jr	614-231-9034	
869	●GOLDSMITH Audrey A	614-239-8648	
	●GOLDSMITH Lawrence J	614-239-8648	
872	●SMITH Cheryl	OO	8
875	●RANKIN Chris	614-238-6604	9
879	CURRAN Mel	614-237-4908	5
	●RABIDOUX Paula	614-237-4908	5
884	HAMMOND Kara	614-237-3290	0
	●HENLEY Marilyn	OO	8
886	●HILBINGER Gary	OO	8
	PENCE April R	614-235-4748	0
888	HENLEY M	614-231-3222	
887	●COLLINS Tommas	614-239-8270	+1
888	●GENTRY Michael	614-239-7132	3
894	●KAUPANG Helen	OO	0
X	CHARLES		
904	●WALLACE Brian	614-235-7897	
	●WALLACE Brian	614-235-0107	9
905	●ALDRICH D	614-237-5871 ⊕	0
	●ALDRICH Merrill	614-237-5871 ⊕	0
911	●ALEXANDER M T	614-231-2965	
912	●BORKAN Ted	614-235-9199	
919	●PRINCE Constance	614-239-7130	
920	●SHPANCER Brittany A	614-237-1608	0
925	●GREEN Edwin	OO	0
928	●MESZAROS Genevieve	OO	9
931	●BRESLIN Sara	OO	9
936	●REED Clarence W	614-231-5226	
937	●SANTONI Audina	OO	9
	UPCHURCH Carl	614-239-9341	9
943	●BAGGS Emile V	614-236-8900	
946	●SULLIVAN Eunice	OO	8
955	●COOPER Herman H	614-235-2598	
956	BROMMER Deborah	614-239-9347	0

COLLEGE AV 43209 CONT

No.	Name	Phone	Code
	●KILE Robert	OO	0
960	●LIPPS Robert	OO	9
965	XXXX	OO	
967	●WOODS Wm G	614-235-9149	
970	●SCHNEIDER Robert R 2D	614-237-0210	7
971	●MITCHELL Steven	614-239-8740	5
975	●TURNER E	614-231-8050	+1
980	●PIERCE James	614-231-5597	
	●PIERCE Karen	614-231-5597	
981	●BUSHEY Beth	OO	+1
984	JAMES Edward Jr	614-231-1421	+1
	●SAINE A	614-238-0678	+1
X	BERWICK BLVD		
X	LIVINGSTON AV E		
1031	★ABUNDANT EFFECTS	614-586-0002	+1
	★CRAWFORD CHARLES A DDS	614-237-9008	+1
1033	XXXX	OO	
1035	★GI GI HAIR DESIGN	614-236-0609	
1037	★CURRENT STYLE BARBER SALON	614-235-2857	7
1039	XXXX	OO	
1047	★FOUNDATION FOR VISUAL ART	614-235-6523	9
	★RED HOT INSTANTS	614-239-7581	9
1049	XXXX	OO	
1051	MCINTYRE N R	614-239-8062	+1
1079	XXXX	OO	
X	CASTLEGATE RD		
X	EUCLAIRE AV		
1125	★APEX M&P CONSTRUCTION	614-231-9409	+1
	★JEWISH COMMUNITY CENTER	614-231-2731	0
1135	APARTMENTS		
	BLUMENFELD Lee S	614-237-2773	
	GUTTER Shirley	614-236-1707	7
	MOLAR Ronald S	614-231-1272	2
	NEWMAN Marc	614-236-2548	2
	SZLUZER Jacob	614-239-9357	8
	WEINSTEIN Victor	614-237-6061	
1135			
1145	HERITAGE TOWER		
	ABRAMOVITZ E	614-239-8161	7
	ADELMAN M	614-237-1518	9
	ARONOV Solomon	614-231-5671	5
	BENJAMIN J R	614-239-9812	9
	BERKOWITZ Ben	614-238-2789	+1
	BERMAN Carl	614-231-9644	7
	BLANK Sol	614-235-8792 ⊕	4
	BLOCK Nancy S	614-338-1964	4
	BOGLER Margaret	614-231-5202	0
	BONOWITZ Doris	614-231-7285	5
	BRIGGS Helen W	614-235-4280	+1
	BRODSKY R	614-231-7158	6
	BULKOVSHTEYN Yefim	614-235-0896	+1
	CALLIF S	614-237-7277	
	CHAYKOVSKAYA Liya	614-235-4562	9
	CLARK M M	614-239-9068	6
	COHEN Helen S	614-239-7328	5
	COHEN Isaac	614-231-6214	6
	COLE David	614-236-1614	
	CRABTREE A M	614-231-9349	6
	CULVER Edith	614-237-1173	+1
	DLIKMAN Fichel L Rozalia	614-236-0305	+1
	DUBROVSKIY Boris	614-239-7750	4
	DWORKIN Laura	614-235-6608	
	FLEISCHER Boris	614-237-6281	4
	FONAREVA Revekka	614-238-0682	5
	FREGER Zelda	614-231-2705	
	FRIDMANSERY Ida	614-239-7115	8
	FUKSHANSKY Mikhail	614-231-1510	7
	GABA Alexander	614-237-9809	9
	GARNETT Juanita	614-237-1351	3
	GELMAN G	614-236-8792	
	GOLBA Joseph	614-235-4035	7
	GOLDMAN Irving	614-236-0874	+1
	GOLDMAN Rhoda	614-236-0874	+1
	GREEN Sara C	614-235-1938	8
	GRINFARB Polya	614-236-5570	+1
	GURKE Moisey	614-237-8124	
	HANSON H L	614-235-9137	7
	★HERITAGE TOWER	614-237-2521	0
	HUNTER M E	614-239-6540	
	HURWITZ Lillian	614-238-8025	9
	JACKSON B	614-235-4805	3
	KAGAN Mark	614-237-7185	2
	KAHANE Harry	614-237-3282	
	KAHN Mollie	614-235-7180	
	KAMNITZER Gretta	614-237-2964	3
	KATZEL R M	614-338-8070	6
	KELLOGG R K	614-235-0048	2
	KHAZANOV Genya	614-235-4637	2
	KLYUKA Valentina	614-231-0374	+1
	KOGAN Iosif Y	614-231-4324	4
	KORZHENEVICH Sofiya	614-231-7192	+1
	KRAKOFF B	614-231-9087	
	LERNER Malka	614-237-5391	+1
	LESSEM J	614-235-4863	2
	LIPSKEROVA S	614-237-9751	9
	LOVE J N	614-231-7262	0
	MEKSIN Abram	614-237-6305	8
	MIKHLIN Sofya	614-235-9749	
	MOLNAR M	614-231-9079	8
	MOSS E	614-237-7265	
	PALECZNICKI H Z	614-237-4054	+1
	PASTOR S D	614-237-4686	5
	PESIN Leonid	614-238-0651	6
	PINKSTON William	614-239-7342	9
	POLSTER M B	614-235-6054	
	RATHAUS Agatha	614-235-4485	
	RIAZANSKAIA Emilia	614-237-6158	9
	RINGER Barney	614-237-5361	
	RODENFELS M A	614-237-9487	2
	ROSEN Herman	614-231-1708	9
	ROWLEY M E	614-231-6635	
	SACHS Sylvia	614-231-4017	
	SANDLER Yezekiel	614-231-7444	
	SCHERKER R	614-237-6295	
	★SHALOM HOUSE 1	614-239-1999	0
	SHARKOVA Inna	614-237-7142	8
	SHIFMAN T	614-231-7707	9
	SIGORENKO Frima	614-235-9764	9
	SKULSKAYA P	614-238-0264	
	SMIDL M	614-237-9843	9
	SOKOLOV Grigory	614-231-6857	4
	SOSKIN Lyudmila	614-231-3286	0
	STARIK Dina	614-238-9422	+1
	STEWARD Raiford	614-338-8301	+1
	STEWARD V M	614-338-8301	+1
	SWITKIN Esther M	614-237-1611	
	TESLER Anatoliy	614-239-7166	+1
	WANDLER Alan	614-239-9248	+1
	WECHSLER Richard	614-235-2114	
	YANOVSKIY Alexander	614-239-9653	9
	ZISMAN Esther	614-236-2390	
1145			
X	CASSINGHAM RD S		
1151	★ELDER SERVICES NETWRK CNTRL OH	614-559-0317	+1
	★JEWISH FAMILY SERVICE	614-231-1890	8
	KOHN Arthur	614-231-1594	5
	MESHANKO T	614-238-2837	+1

COLLEGE AV 43209 CONT

No.	Name	Phone	Code
	SCHLANSKY E	614-231-0688	
	SCHNEIDER Reuben	614-236-8086	7
	★WEXNER HERITAGE VILLAGE	614-231-4900	9
1154	XXXX	OO	
1175	★COLS JEWISH FEDERATION	614-237-7686	0
	★COLS JEWISH FOUNDATION	614-338-2365	0
	★COLS JEWISH HISTORICAL	614-238-6977	0
	★JEWISH FOUNDATION OF COLUMBUS	614-338-2365	0
	★JEWISH HISTORICAL COLUMBUS	614-238-6977	0
	★KOL AMI HEBREW SCHOOL	614-237-3755	0
1182	●FLAUGHER M	614-338-0670	8
1190	KLEIN G E	614-235-6236	
	●WENGERTER Barbara	OO	8
1198	●MULLINS E W	614-235-4120	
X	MEDFORD PL		
X	MEDFORD RD		
1210	●BROWN Walter	OO	8
1211	XXXX	OO	
1223	★BETH JACOB CONGRTN	614-237-8641	
	★BETH JACOB KTCHN	614-237-9226	5
1249	●CUNNINGHAM Larry	614-235-3884	
1255	●FORDE Mary	OO	9
1260	●WARREN Joan E	614-237-8939 ⌀	6
1263	●HOPKINS L A	614-235-8018	7
1270	●WOODFORD Stacy	OO	8
1273	●PATRICK Gail	OO	0
1280	●KENT Jay W	614-235-9667	
1281	●HUNTER Earl	OO	8
	KIRK D	614-238-0261	6
1290	XXXX	OO	
1293	●ROCKEY Robt M	614-231-6174	
1298	●DEARING Fern	OO	8
1301	●EDWARDS Diane	614-338-0987	0
	●EDWARDS James	614-338-0987	0
1308	●YISHAI Avraham	614-237-5566	7
1311	●CULLEN Leroy	614-231-3731	8
1316	SHEFFIELD Chas	614-235-6676	5
	●SHEFFIELD M L	614-235-6676	5
1319	FRALEY Taylor	614-237-7928	+1
	●SHEETS V E	614-231-9125	
X	BROOKWOOD RD		
1326	●MEREDITH Hezekiah Rev	614-236-1817	
1327	●WOODFORD Stacy	OO	8
X	HADDON RD		
X	ROADS END PL		
1480	HESSLER Dallas D 2D	614-338-1089	3
	★SHALOM HOUSE SOUTH	614-338-2351	9
1555	★JEHOVAH'S WITNESSES	614-231-3563	
	★JEHOVAH'S WITNESSES EASTLAND	614-231-1106	9
NO #	★MAJESTY AUTOMOTIVE SALES&SERVS	614-235-1969	+1
★	28 BUS	242 RES	37 NEW

COLLEGE AV E 43081 WESTERVILLE

WEALTH CODE 6 2

13 - 3060
CITY OF WESTERVILLE
WESTERVILLE CSD

No.	Name	Phone	Code
1	VANHOY Chris	614-865-0956	+1
X	STATE N		
3	★LEWIS J A INS AGENCY	614-794-1012	
9½	RAICA Geo	614-899-1967	4
11	★MOTORSPORT COLLECTIBLES	614-891-0231	7
12	★UPTOWN HAIR DESIGN	614-891-5500	
13	★CAPPUCINO CAFE'	614-882-3448	3
13½	★LITTLE LOUVRE GALLERY&ART STDO	614-882-4588	+1
14	XXXX	OO	
15	★I B'S PIZZA&SUBS	614-891-3556	+1
16	★MY COUSINS CLOSET	614-899-6110	
17	★C&M TAILORING&ALTERATION	614-882-7414	3
18	XXXX	OO	
19	★RISING MOON APPRL	614-882-1336	
20	★DAN'S BARBER SHOP	614-891-7669	9
21	●MOON Charles	OO	0
22	XXXX	OO	
23	XXXX	OO	
24	★NAILS THAT LOOK LIKE NAILS	614-818-0700	8
27	●CROSS John	OO	9
	★FOUL PLAY MYSTERY BOOKSHOP	614-818-2583	8
30	★FLOWERS BY DORIS	614-882-0351	
	●SMITH Jeff	OO	9
33	★C A M C O COMMUNICATIONS	614-891-9180	9
	★CALL CONTROLL	614-891-2255	9
	★CLAY PAINTER THE	614-818-0561	8
	●MOON Charles	OO	9
	★THE CLAY PAINTER	614-818-0561	8
33A	★SECOND GLANCE CONSIGNMENT	614-898-3680	+1
34	★BEEHIVE SALON LTD	614-899-7100	0
35	CASE Nicole	614-895-7005	+1
39	●MOON Charles	OO	9
	★SUNNY KNOLL FARM SH	614-890-1119	4
40	★SPETTEL THOMAS R CPA	614-890-7500	9
43	★GREEN CLNRS	614-882-4961	
	★UPTOWN GALLERY&FRAMING LTD	614-882-0035	9
46	●DAVIDSON Dennis	OO	9
	★RAMBLING ROSE THE	614-891-7717	4
49	★LANDA'S INTERDESIGN	614-899-1773	
52	XXXX	OO	
55	●DEVLIN Jon	614-898-9119	
	●DEVLIN Teri	614-898-9119	
58	THALL C M	614-818-5402	0
X	VINE N		
79	●KING Martha	614-899-9260	4
	●KING Stephen	614-794-3105	4
	●KING Stephen	614-899-9260	4
87	●AUGUSTUS M	OO	0
88	●MORROW Walter	OO	9
89	HAYES Paul G	614-895-7201	5
89½	MCCAIN Julia	614-865-1795	+1
90	★MORROW WALT BUILDER INC	614-891-9100	6
	★WALT MORROW BUILDER INC	614-891-9100	7

COLLEGE AV E 43081 CONT

No.	Name	Phone	Code
93	MILLS Andrew P	614-823-6668	0
95	★ATWOOD BRAD INS	614-882-9414	
	★ATWOOD JERRY E INS	614-891-1921	
	★WEDDING JOY	614-794-3737	+1
96C	COLEMAN Marc B	614-823-6437	9
96	★STATE FARM INS AGNT	614-891-1921	3
101	★BELPEDIO THOMAS INS	614-882-7218	6
	★DOLBOW INSURANCE AGENCY	614-899-1614	6
	★FARMERS INS AGENT	614-899-1614	
	★FARMERS INS AGENT	614-890-0401	9
	HIPPS D E	614-818-3757	8
	LINKHORN Jerry E	614-865-9255	+1
	★ROBERT HENDRICK'S AGENCY	614-794-5667	9
	★TAYLOR BRENDA M	614-890-0401	9
	★WARNER&ASSOCS INC	614-891-9003	6
102	★BUCKEYE PLUMBING COMPANY INC	614-899-1122	9
104	●HATCH Melvin	OO	0
	★MONROE JAMES ASSOCIATES INC	614-891-5245	4
106	XXXX	OO	
107	★A W SEARCH	614-523-0802	6
	★ALLSTATE INS CO SLS	614-890-7788	5
	★AMER FMLY INS AGENT	614-898-8485	+1
	★BRUSHARMOR USA INC	614-818-4095	9
	★DAULTON JOHN	614-898-8485	+1
	★MASTROIANNI ANTHONY	614-890-7788	5
	★NORMAN HARVEY	614-890-7788	5
108	★BRUCK SAFE CO	614-882-2236	
110	XXXX	OO	
112	★SMOCK'S ELECTRIC	614-891-1203	0
114	★CREATIVE CABINET SOLUTIONS INC	614-890-2068	9
115	●OLMS Cary	614-882-7028	5
120	XXXX	OO	
123	●HRABCAK Michael	OO	0
123B	SZILI Steve	614-895-8624	8
126	★APPLIANCE MAN THE	614-895-8017	9
	●HATCH Melvin	OO	9
129	★D D RECKNER CO THE	614-890-5544	9
130	XXXX	OO	
134	XXXX	OO	
137	★CELLAR LUMBER	614-882-2321	
151	XXXX	OO	
154	★CELLAR LUMBER CO GENERAL OFC	614-890-2050	
X	ISRAEL		
160	●BENNETT Frieda C	614-882-3756	
161	●MAGINNITY Paul M	614-882-2279	
165	●JOHNS Chris	614-882-3558	
168	●RIETEMA Gregory	614-882-4019	3
171	●BENSON John	OO	+1
174	HOHL Robert	614-794-2274	6
175	●GILDNER Bruce A	614-523-0710	0
183	●KRAY Joanna	614-823-4846	0
	●KRAY Matthew	614-823-4846	0
186	●DAVIS Grant	OO	+1
	DAVIS Janet L	614-899-6554	5
191	●MAZE Doug H	614-523-0013	7
193	XXXX	OO	
X	SUMMIT		
194	●WIGET David	OO	+1
198	●PIERCE C	614-882-7171	6
199	●SERGENT B L	614-882-3159 ♦	
200	●LONG Patk	614-899-6986	
X	WHITEHEAD N		
208	PRESBYTERIAN Trinity	614-899-0801	0
209	●MILLER N R	614-794-0454	2
213½	STONE M R	614-901-8488	+1
X	WEYANT		
220	●KELLEY Randy	OO	9
223	●STONER C E	614-882-7034	9
229	ADAMS Joshua A	614-899-6505	+1
	●PERCY Richard	OO	0
230	●BLOOMFIELD Paul E	614-882-2928	
234	KLEOUDIS Jimmy M	614-890-3249	0
	●ROSENDALE Nancy	OO	9
237	●RYAN Elizabeth	614-890-6485	
	●RYAN Jas	614-890-6485	
240	●CONNELL Maria	614-898-7807	7
	●CONNELL Phil	614-898-7807	7
241	●WILSON Kevin	614-891-7738	
248	●KETRON Travis D	614-823-5467	9
249	SHIVELY Derek	614-901-8819	0
	●TABACCA Jerome	OO	0
254	●EASTER Dave	614-882-1752	
X	OTTERBEIN AV N		
257	●GEBERT J M	614-882-3584	+1
281	●FURNISS M J	614-882-4182	
291	●CASTLE Dale	614-818-4065	8
	●CASTLE Tammie	614-818-4065	8
294	●TUCKER Marguerite	OO	6
295	●DILLOW Amy	OO	8
298	●RISHEL Wendell E	614-882-2074 ⊕	
300	●SWEAZY Clark	614-882-4198	
303	●RITCHIE Richard D	614-901-9554	+1
305	●GRIMM Larry	614-891-5727	
	●GRIMM Larry	614-882-0669	9
310	●HAYMAN John H	614-882-3935 ⊕	
323	●KEATING Van D	614-891-6347	8
331	ANDREWS Mary Beth	614-891-5071	
	ANDREWS Mick	614-891-5071	
	POLICH Marybeth	614-891-5071	
	POLICH Mick	614-891-5071	
	●WILSON Jennifer	OO	+1
336	●KUHN T	614-890-2109	
339	●JEFFRIES Allen C	614-890-4376	
X	PLEASANT AV		
340	●JUMP Benjamin N	614-901-2251	+1
349	●JACOBY Gerald E	614-882-7226	
353	XXXX	OO	
357	●LONGHENRY Richard	614-882-3879	
364	●MYERS K	614-898-6996	+1
368	●THOMPSON Harold L	614-882-4312	
369	●PIGG Gary	OO	+1
376	●MCCANN Justina R	614-901-0189	9
	WHITE Daniel	614-901-0189	9
377	★CLARK LEGAL ASSOCIATES&CO LPA	614-846-6105	+1
379	●ARMSTRONG Gary	OO	0
X	JUNIPER AV		
390	★CHRISTIAN CMTY CH	614-882-0325	
393	★CHRISTIAN COMMUNITY CH CFLC	614-818-0267	9
421	★JEHOVAHS WITNESSES	614-895-1192	
462	●BARB Robt W	614-882-3909	
471	★TREE OF LIFE CHRISTIAN SC	614-818-4405	8
	★WESTERVL CHRISTN CH	614-891-6842	
	★WESTERVL CHRISTN CH	614-891-6090	4
X	GREEN ACRES DR		
514	●PHIPPS Carold	OO	8
526	●LAWTON Raymond M	614-882-3416 ⊕	8
535	SIZEMORE Shawn E	614-865-0850	+1
540	●DOMIN R B	614-882-6057	8
552	●BYERS Richard H	614-882-4033	8
564	ROOD Tad C	614-882-5782	8
	●ROOD Troy W	614-882-5782	6

♦=DO NOT CALL ⊕=DO NOT MAIL ⌀=DO NOT CALL OR MAIL

TP	Adjoining	Source
-	✓	Haines & Company

E LIVINGSTON AVE 2002

LIVINGSTON AV E 43205 CONT

No.	Name	Phone	Code
906	XXXX	OO	
907	●VEAL Lucy	OO	9
910	XXXX	OO	
911	●BONDURANT Gail	OO	8
912	XXXX	OO	
915	●WILLIAMS Laura	OO	0
916	XXXX	OO	
921	●CHANDLER Benjamin	OO	9
922	●TATUM Barbara	OO	9
925	●LAFLECHE Ginette	OO	0
	THOMAS Vena R	614-443-8057	+1
926	●EDMONDS Steven	OO	9
927	●WRIGHT Devorah	OO	+1
928	MCKINESS Charles E	614-253-4502	0
930	●JINNA Annetta	OO	9
940	●COHEN Mitchel	OO	9
	★FAMILY CARRYOUT THE	614-253-3229	3
X	22ND S		
942	★TERESA'S PIZZA INC	614-252-1525	
	★TERESA'S PIZZA INC	614-252-1535	
943	XXXX	OO	
946	XXXX	OO	
949	●GELENDER Martin	OO	0
	★US DENTAL CARE	614-252-3181	
963	●GELENDER Martin	OO	9
967	●FOSTER Josephus	OO	9
	★FOUNTAIN OF HOPE	614-258-5428	0
	★FOUNTAIN OF HOPE INC	614-258-6526	6
970	★AUTOZONE	614-258-7799	6
X	OHIO AV S		
981	●NESBITT Mary	OO	0
	★SOUTHEAST FSH&PRDCE	614-253-0432	
	★U HAUL COMPANY	614-253-2153	8
991	XXXX	OO	
992	XXXX	OO	
996	●TATE Edward	OO	9
997	XXXX	OO	
999	HALL J	614-258-3938	+1
1002	RUDOLPH W Jr	614-258-5887	+1
1008	★JUST FOR TODAY CLUB	614-252-1771	9
1015	★DRAINS N PIPES	614-253-5858	+1
	GARRARD Charles	614-253-1753	+1
1018	●WAIBEL Carl	OO	9
	★WAIBEL ELECTRIC CO	614-253-8729	
1019	XXXX	OO	
1021	●RESCH Stephen A	614-252-5147	3
1023	XXXX	OO	
1024	XXXX	OO	
1025	●RESCH Stephen	OO	9
1027	XXXX	OO	
1029	●RESCH Frank	OO	9
X	CHAMPION AV S		
1031	XXXX	OO	
1033	●BASHIR Emile	OO	9
1035	★TALIB'S MENS CLOTHING	614-252-0654	
	★TALIB'S SHOES&ACCESSORIES	614-252-0654	
1041	XXXX	OO	
1043	CHEUK David	614-258-3982	6
1049	XXXX	OO	
1050	★PROFSNL KAR KARE	614-258-0880	
1052	XXXX	OO	
1057	XXXX	OO	
1060	XXXX	OO	
1061	XXXX	OO	
1062	★BRAZIL BEAUTY SUPPLY	614-372-0700	+1
1064	★CADILLAC PRODUCTIONS	614-257-1551	0
	★MONEY MIKE'S RECORDS&TAPES	614-257-1551	+1
1065	●PIERCE Jerry	OO	0
1066	★BARTHOLOMEW PLMBG&HEATING CO	614-253-8695	
	★BARTHOLOMEW PLUMBING	614-444-4419	
1068	●RANSOM Herbert	OO	9
1069	XXXX	OO	
1070A	RANSOM C	614-258-9512	9
1070	RANSOM Chris	614-258-9750	0
1071	●DIALS Joseph	OO	0
1072	REEVES W O	614-258-4030	0
1077	●ELLISON John	OO	9
	ERNEST P	614-252-9792	7
1081	●ELLISON John	OO	9
X	OAKWOOD AV		
1089	●MCKOY Victor	OO	0
1092	XXXX	OO	
1093	★MCKOY DENTAL CENTER INC	614-252-1118	
	★MCKOY VICTOR DDS	614-252-1118	
1096	XXXX	OO	
1098	XXXX	OO	
1100	XXXX	OO	
1103	★HOWARD PLMBNG SPLY	614-252-2105	
	●WOLFE James	OO	9
1107	●WOLFE James	OO	8
X	WALTON AV		
1108	●HILL Charles	OO	0
	★OFFICE THE	614-252-7338	
1111	●WOLFE James	OO	8
1121	●STEWART Beverly	OO	9
1127	★DINO'S PIZZA	614-253-3183	7
1127B	ELGHOBARY Julia A	614-252-8148	+1
1129	●ELSHAHAWI Salah	OO	9
1130	★BETHANY CHRISTN CH	614-252-2864	2
1134	XXXX	OO	
1136	●SLADE Benjamin	OO	+1
X	WILSON AV		
1150	ISRAEL I	614-253-7001	3
1152	ROBBINS D M	614-258-6958	0
1154	XXXX	OO	
1157	●WALKER Emmanuel	OO	+1
1160	●REGGINS Vivel	OO	9
1166	●DIALS Joseph	OO	0
1167	●GLOVER Michael	OO	0
1167A	SKELTON Larry	614-258-2643	0
1167E	CURRY Phyllis	614-253-5258	8
1169	★UNIVRSL HAGAR'S SPIRITUAL CH	614-258-3245	
1170	XXXX	OO	
1174	●GOFF Robert	OO	+1
1176	XXXX	OO	
1178	●TURNER Mary	614-252-8461	
1181	●MCGEE Minnie	OO	9
1183	●HERROLD Russell	OO	8
1186	●ENGLISH M	614-253-8922	9
1190	●SMITH Ora	OO	8
X	LINWOOD AV		
1192	●SMITH Ora V	614-258-0097	
1200	●GLASS Thos S	614-258-3600	
1201	●FARRAR Helen	OO	8
1205	●OGDEN David	OO	+1
1209	●DOWELL Todd	OO	+1
1213	●ELKINS Larry	OO	9
1215	LEWIS John	614-251-6107	0
1221	●BRYANT Vicky	OO	9
	MARABLE Jimmy	614-258-5514	0

LIVINGSTON AV E 43205 CONT

No.	Name	Phone	Code
1225	●PACE Daphne	OO	9
1226	CROWDER S	614-253-3775	0
	●EBY James	OO	8
1229	●MATLOCK Janie	OO	0
X	BEDFORD AV		
1232	●EBY James	OO	9
1233	XXXX	OO	
1237	●ENGLISH Donna	OO	9
1242	●ENGLISH Virginia	614-252-5083	
X	STUDER AV		
1250	●GARMAN Gregory	OO	9
	HAYES C S	614-253-1519	4
	MIDDLEBROOKS W	614-258-4133	9
1254	●BROWN K	OO	8
1257	HOWARD A	614-372-0388	+1
	●SCHILLING Robert	OO	9
1258	●BROWN K	OO	9
	★GARDNER BILL ATTY	614-252-4010	+1
	GARDNER William A	614-252-5430	+1
1265	COCHRAN S	614-252-6370	+1
	●SCHILLING Robert	OO	9
X	KIMBALL PL		
1266	●FIROUZMANDI Soroush	614-258-8351	0
1267	SHEPHERD B	614-258-3909	+1
1269	XXXX	OO	
1271	XXXX	OO	
1289	★BOWEN DON DR DDS	614-252-1754	5
	★CRISTALES QUIRICO G MD	614-252-0917	4
	★GREER EARL F PSYCHLGST	614-252-0917	
	★GREER EARL PSYCHLGST	614-253-5574	
	★LIVINGSTON MEDICAL PHARMACY	614-253-6693	
	★LIVINGSTON-LOCKBOURNE AV HLTH	614-252-0917	
	★RATLIFF JOHN E DO	614-252-0917	
	★SOLACK PHYLLIS	614-252-1173	
X	LOCKBOURNE RD		
1292	●DIALS Joe	OO	9
1300	★LABOR WORKS	614-253-1422	9
	●RATLIFF John	OO	9
1301	XXXX	OO	
1304	XXXX	OO	
1308	●SHANK Kenneth	614-253-1954	
1311	XXXX	OO	
1314	●BROWN Austin	OO	9
	★CLUB TROPICANA	614-258-5207	
1317	XXXX	OO	
1320	●ADAMS Gary	OO	+1
1321	●CARROLL Donald	OO	+1
	★DON-NITA RSTRNT	614-253-3094	9
1324	★BARNETT'S GARAGE	614-253-9556	3
	●JIVIDEN Ruth	OO	0
1325	XXXX	OO	
1326	★J&J	614-253-8040	7
1327	★KIMS MART	614-258-1079	
1337	★GUIDING LIGHT CHURCH OF CHRIST	614-258-6551	
	●SCHURTZ Iras	OO	9
1338	MCCLELLAN Mitus D	614-253-0508	5
	●MILLER Jordan	OO	8
1340	XXXX	OO	
1343	●BISCELLO Robert	OO	9
1345	●HARDWICK Steven	OO	9
	KELLEY J	614-252-0082	+1
	TURNER Lynette	614-253-2187	9
1346	●PITTS Costella	OO	0
1347	XXXX	OO	
1348	●PITTS John	OO	9
	★VOGUE BEAUTY SALON	614-252-6607	0
1350	★NOSE CATCHER'S	614-258-5233	0
X	MILLER AV		
1355	●GALLI Anacleto	OO	9
1361	●GALLI Anacleto	OO	9
1362	●COTTON Julius	OO	8
1362½	JONES Flossie	614-252-5481	
1383	●JELKS Wilson	OO	8
1389	●GALLI Anacleto	OO	8
	MONTGOMERY B	614-258-8700	+1
1371	XXXX	OO	
1374	●YOUNG Wilbur	OO	9
1376	★DRIVING PARK CIVIC ASSOC	614-257-1376	5
	★LIVINGSTON AVE COLLABORATIVE	614-257-1376	0
X	ELLSWORTH AV		
1378	★BOYD MICHAEL ENTERPRISES	614-252-1234	6
1381	★EMMANUEL CH OF GOD IN CHRIST	614-252-7052	
1382	●ADAMS Nancy	OO	+1
1390	ADAMS Alicia	614-258-3698	7
	●HOYER Robert	OO	9
1391	●HILL Charles	OO	8
1409	★AFRICENTRIC PERSONAL	614-253-4448	8
1410	★ALLSTAR	614-372-0614	+1
	●ZAROUR Mohamad	OO	0
1411	XXXX	OO	
1413	XXXX	OO	
1416	XXXX	OO	
X	KELTON AV		
1422	★DOLLAR DEALZ BEAUTY SUPPLY INC	614-258-1891	0
1425	★FOREIGN&DOMESTIC AUTOMOTIVE	614-253-8893	7
	★THE LORD'S TABLE MINISTRIES	614-253-4573	9
1433	★CHECK CASHERS NATIONAL	614-253-3030	7
	★NATL CHECK CASHERS	614-253-3030	7
1440	XXXX	OO	
1444	XXXX	OO	
1446	XXXX	OO	
1450	●HOLLOWAY Bertha	OO	0
	★JACOB&SONS AUTO CLEANUP	614-252-1182	
1452	●KELLER Charles	OO	9
	★MERCURYKELLER TV SERV TV SV	614-258-9577	
	★SONY REPAIR CENTER	614-258-9577	6
1455	★PRATER JOHN	614-253-1129	+1
1463	★PALACE THE NAIL SALON	614-253-1612	7
1465	●BURKS Robert	OO	9
1467	ANDERSON Kerry A	614-251-0467	0
1469	★P&T PERMS	614-252-5610	4
1471	★B&B RECORDS&PRDCTNS	614-253-6145	
1472	★BAR-B-CUE JOHN	614-252-1345	+1
	★DAIRY TREAT	614-252-9435	4
	●GALLICK John	OO	0
1473	XXXX	OO	
X	LILLEY AV		
1475	★COMNTY HEALTH ACCESS PROJECT	614-257-1680	+1
1485	★JORDAN DAYCARE	614-258-7000	
1489	★DRIVING PARK VISION CENTER	614-253-5593	
	★HICKS CLAYTON N OPTMTRST	614-253-5593	

LIVINGSTON AV E 43205 CONT

No.	Name	Phone	Code
1490	●ALZAGHAMEEM M	OO	+1
1499	★HAIR N STUFF BEAUTY SUPPLY	614-252-0152	0
	★TOUCH OF CLASS	614-252-6068	
	★WILLIS BEAUTY SUPPLY CO	614-252-0152	
1500	★CHILD DVLP CNCL HEAD START	614-258-4579	9
	★GRANNY'S CHILD CARE CENTER	614-252-9333	3
	●WAITERS Granville	614-258-6650	
	★WAITERS&ASSOC INC	614-252-4488	2
1505	★BLOCK H&R	614-258-9961	+1
1507	★ART'S LOCKSMITH SERVICE	614-252-2122	9
X	BERKELEY RD		
1509	★DENIER HOSIERY	614-258-4333	
	★DESIGNERS SHOWCASE	614-258-4333	
	★GENTLE DENTAL OF OH	614-258-4333	0
	★HOSIERY SHOP THE	614-258-4333	0
	★WEBSITES BY DESIGN	614-258-4333	9
1511	★ALKEBULAN UJAAMA MARKET	614-258-4633	9
1531	★BROTHERS CARRYOUT	614-252-0605	+1
1532	GARMANY Gloria J	614-258-3697	9
	●HENDERSON N	OO	9
1533	XXXX	OO	
1534	XXXX	OO	
1535	XXXX	OO	
1536	XXXX	OO	
1538	MIDDLETON Rotoya	614-372-0435	+1
1542	●GREEN Jermaine	OO	0
1546	●MURPHY Michael	OO	8
	WILLIAMS C M	614-252-7402	+1
1548	XXXX	OO	
1559	AUSTIN John	614-372-1933	+1
	●WOLFE Mark	OO	9
X	GEERS AV		
1566	★COLS LBRY	614-645-2370	
1567	★AMERITEMPS	614-251-0063	9
	★AMERITEMPS	614-251-0860	9
	●WOLFE Mark	OO	9
1571	XXXX	OO	
1572	●KRIGER David	OO	9
1573	XXXX	OO	
1574	XXXX	OO	
1575	XXXX	OO	
1577	★SOBOLEWSKI FRANK P DPM	614-252-0706	
1578	●PELLINGTON C	OO	0
1580	REED Gwendolyn	614-258-6758	+1
1582	★CITY WIDE RENTALS	614-253-3830	8
	●STITH Monica	OO	9
1583	★AFFORDABLE&GENTLE DENTAL CARE	614-252-0936	5
	★GLYNN JEFFREY DDS	614-252-0936	4
1584	★M L SALES&ASSOC REALTORS	614-253-6619	
1593	★ELKS LDG 1755	614-252-5957	3
1595	XXXX	OO	
X	SEYMOUR AV		
1604	●LANE Mary	OO	8
	★MO BETTER BARBER SHOP	614-252-1989	0
	POWELL Jerry	614-252-5554	+1
1611	●STATEN Mary	OO	8
1612	●DALTON Richard	OO	9
1614	XXXX	OO	
1615	★DEVINE CREATION HAIR DESIGNS	614-253-6055	
	●STATEN Mary	OO	9
1616	●DALTON Richard	OO	9
1617	XXXX	OO	
1619	★LIVINGSTON'S MARKET	614-258-2654	9
	●STATEN Mary	OO	9
1620	PEACOCK Tina	614-253-4959	9
	●WOOD Barbara	OO	9
1625	XXXX	OO	
1626	★SQUARE BIZ BARBER STUDIO	614-253-6411	5
1634	●SHANYFELT Marilyn	OO	9
1635	★ARCH TRANSPORTATION	614-252-2277	9
	★NY FASHIONS	614-258-6850	8
	★PHONESTREAM	614-253-6060	+1
1636	XXXX	OO	
X	FAIRWOOD AV		
1640	●ANSAR Chaudhary	OO	9
	★WTL FELLOWSHIP CHURCH	614-252-8525	+1
1649	MORRIS M J	614-372-0766	+1
1651	XXXX	OO	
1653	SMITH Georgia	614-253-5229	6
1655	HARRELL N	614-251-0675	+1
	●PITTENGER George	OO	9
1656	ROACH Vanessa K	614-252-1703	+1
	ROLLINS Kendra L	614-258-6570	+1
1662	XXXX	OO	
1664	XXXX	OO	
1665	●SMITH Grant	OO	9
1666	●STEINBURG Israel	OO	+1
1670	●STEINBURG Israel	OO	+1
1671G	EASTER John	614-258-1853	0
G	EASTER Lynette	614-258-1853	0
1671A	GRANT Jackie	614-253-5067	+1
1671	●KAPLOW Stuart	OO	+1
1672	XXXX	OO	
1674	●STEINBURG Israel	OO	+1
	THOMPSON Robt C	614-252-1463	
1676	XXXX	OO	
1678	XXXX	OO	
1680	XXXX	OO	
1681	●EDMOND Turner	OO	9
	★ROMAN APOSTOLIC CHURCH INC	614-257-1265	6
1685	●SMITH Deborah	OO	9
1687	XXXX	OO	
1688M	AMPHY Goldie	614-252-7692	+1
1688	WALTON Jimmy	614-372-1695	+1
1688H	CARR Billy	614-251-0208	8
1688	PATRICK Roosevelt	614-258-8027	
1691	●MARTIN Delores	OO	9
1695	●WILSON Milton S	614-258-0790	
1697	XXXX	OO	
1701	APARTMENTS		
1D	HOWLAND Dennis L	614-258-6531	+1
2B	JONES James Jr	614-252-7921	+1
	●KAPLOW Stuart	OO	+1
1C	SCALES Jacqueline	614-258-2635	+1
	STOKES Don	614-258-4278	9
1701			
X	BULEN AV		
1704F	GRIMM Paul	614-257-1016	+1
1704B	SWEENEY Kevin	614-251-6093	9
1722	★WATSONS AUTO	614-251-0794	6
1724	★COOPER CHRISTOPHER M ATTY	614-252-2352	3
1725	XXXX	OO	
1730	●DONALDSON Franklin	OO	9
1734	★FULL GOSPEL PNTCSTL HLNSS CH	614-253-7864	
	SHERIDAN Alberta Pastor	614-253-7864	4

LIVINGSTON AV E 43205 CONT

No.	Name	Phone	Code
1744	★BEER DANIEL W	614-252-4353	0
	★CARE PET CLINIC	614-252-4353	
	●KOONER Dilbagh	OO	9
1745	●POUNDSTONE Dale	OO	9
1747	XXXX	OO	
1748	●LAIRD Jane	OO	9
1751	XXXX	OO	
1753	●HARRIS Raymond	OO	9
	★HARRIS REALTY CO	614-258-9537	
	★TAX XPRESS CMPTRZD TAX SERV	614-337-1500	2
1754A	BROWN J	614-372-1957	+1
1754C	RILEY James H	614-253-8197	9
1754	●STEVENS Alberta	OO	8
1757	★VFW POST	614-253-9925	+1
	★VFW 3764	614-252-9055	7
1760	●STEVENS Alberta	OO	9
1763	XXXX	OO	
1764D	REESE Beatrice	614-252-6677	
1764	●STEVENS Alberta	OO	9
1768	●MCCLENDON Ernest	OO	9
	★MCCLENDON'S BODY SHOP	614-372-0714	+1
1769C	RUDOLPH Wm D	614-253-5970	
1769	●STEVENS Richard	OO	9
1773	WARD Joan E	614-253-3284	9
1773D	GREEN E	614-252-8805	5
1777	YOUNG M L	614-251-0107	+1
1777C	GASTON L G	614-252-8107	
1787	★COLS METRO CMTY ACTN ORG HEAD	614-253-2225	3
	●HOPKINS William	OO	9
X	UNITD STTS HGHWY 33		
1800	XXXX	OO	
1808	●DEVORE James	OO	9
	★DONUT HOLE	614-258-6735	
1811	XXXX	OO	
X	RHOADS AV		
1826	★G T C LTD	614-252-6342	+1
	★GENL THEMING CONTRACTORS LTD	614-252-6290	+1
X	NELSON RD S		

ZIP CODE 43209
COLUMBUS

WEALTH CODE 6.6

2080 - 2676 EVEN
CITY OF BEXLEY
BEXLEY CSD
2087 - 6175 ODD
2682 - 5979
CITY OF COLUMBUS
COLUMBUS CSD

No.	Name	Phone	Code
1882	★CLUB ONE NITE CLUB	614-253-6234	
	●SUTTON Calvin	OO	9
1883	★A LITTLE BIT OF EVERYTHING	614-252-9234	+1
	●SCHALL Clovis	OO	9
1885	★SCHALL HARDWARE&TOOL CENTER	614-258-3228	
1887	XXXX	OO	
1889	XXXX	OO	
1891	XXXX	OO	
X	MEMORY LN N		
1910	★RUGS OUTLET AND HOME DECORATN	614-258-0832	9
1919	★PERMA FLEX MOLD CO	614-252-8034	
	★PERMA FLEX MOLD CO ORDER DEPT	614-252-8035	
1925	★GUTKNECHT CONSTR CO	614-253-7468	
	●GUTKNECHT Harold	OO	9
1931	XXXX	OO	
1937	★SHELL SERVICE STATIONCAR WASH	614-253-4858	8
X	ALUM CREEK DR		
1940	★RALLY'S RESTAURANTS	614-253-2518	2
1971	★BUCKEYE FRIED CHICKEN	614-252-8003	+1
	●GUNSOREK Larry	OO	+1
2061	●NOTLEMEYER Ray	OO	+1
2063	★DIAMOND FOX	614-236-1110	7
2065	XXXX	OO	
2070	XXXX	OO	
2080	XXXX	OO	
2087	★MR HERO RESTAURANTS	614-338-8500	
2097	★C P M C	614-236-2904	8
	★THORNTON OIL 68	614-237-0921	
2100	XXXX	OO	
2101	XXXX	OO	
X	MAYFIELD PL		
2110	★PRECISION AUTO WASH	614-231-3390	0
2111	★TACO BELL	614-231-0755	
2127	★ARTHUR TREACHER'S FISH&CHIP	614-239-2865	+1
	●LUSTNAUER Milton	OO	9
2130	●HAYNES Richard	OO	9
	★HAYNES TOWING	614-231-7194	
	★SPORTS&IMPORTS	614-231-7194	
2133	★WENDY'S OLD FASHIONED HAMBRGRS	614-235-4693	
2135	★POPEYES CHICKEN&BISCUITS	614-237-0168	0
	●SAPP James	OO	0
X	FERNDALE PL		
2140	★TUFFY AUTO SERVICE CENTERS	614-236-5664	9
2165	XXXX	OO	
2167	★ASSOCTD PRNTG EXPRESS	614-236-1230	8
	★KELLY JACK R ACCTNT	614-236-1230	6
	★PANACOM VISUAL COMMUNICATIONS	614-236-1312	9
2172	★CAPITAL AUTOMOTIVE&RADIATOR	614-231-0049	0
	●YAMOUR Adil	OO	0
2173	★BEXLEY LIQUOR AGENCY	614-237-4282	8
2177	★DELI DELICIOUS	614-235-4600	5
2179	XXXX	OO	
2181	★SUBWAY	614-239-7824	
2182	●JACKSON Glenn	OO	9
	★STERLING MOTORS	614-236-9500	9
2183	★ACCURATE WINDOW TINTING	614-231-1970	+1
	★P H NAIL	614-231-9850	9
2185	★NEW VIEW WINDOW CREATIONS INC	614-239-0991	6
X	SHERIDAN AV		

LIVINGSTON AV E 43209 CONT.

No.	Name	Phone	Code
2187	XXXX	OO	
2201	★LEIPZIG HAUS	614-239-7531	
	●PRINCE Constance	OO	9
2206	XXXX	OO	
2210	●LIU Ji	OO	9
	★PEKING DYNASTY EXPRESS	614-238-9288	9
2216	XXXX	OO	
2220	★CONISON'S FOOD MART STORE	614-237-0019	
	★CONNISON'S FOOD MART	614-238-0074	+1
	●SALEH Naser	OO	+1
X	BERWICK BLVD		
X	COLLEGE AV		
2240	★SPEEDWAY PETROLEUM	614-236-8656	6
2253	★PAYDAY MIDTOWN	614-237-1601	9
2260	★MONRO MUFFLER BRAKE&SERVICE	614-231-3011	9
2286	XXXX	OO	
2295	★NATL CTY	614-238-7115	4
X	FRANCIS AV		
2300	★WOODYARD O R CO	614-237-6345	
	WOODYARD O R Jr	614-237-9239	
X	CASTLEGATE RD		
2316	●MATTHEWS Bill	614-237-9244	
2325	●GROOM Jeffrey	OO	9
2326	●SECKEL Gary	OO	8
2327	FULLERTON Kenneth M	614-237-2621	4
2329	HUEBNER Jena	614-239-1406	+1
2331	XXXX	OO	
2337	●BEIM Bettye	OO	9
2338	MAUGHMER Frank H	614-238-9406	0
	●SECKEL Saralee	OO	8
2339	XXXX	OO	
2341	CARTER Christina H	614-235-7152	+1
2343	XXXX	OO	
X	EUCLAIRE AV		
2353	●SECKEL Gregory	OO	+1
2355	HIGHFIELD R	614-235-3429	
2357	BAKER Tyler	614-236-8841	9
2359	XXXX	OO	
2365B	MCWHIRTER Richard Jr	614-235-0614	9
2365	●SECKEL Gregory	OO	0
2372	●BRANNAN May	OO	9
2375	UCKER Gretchen	614-238-6736	0
2377	XXXX	OO	
2379	XXXX	OO	
2380	●SHAMBAUGH Patricia	OO	9
2381	JOSEPH D A	614-237-0687	
2383	XXXX	OO	
X	CASSINGHAM RD S		
2388	●BRUMFIELD S L	614-231-1209	
2416	●HUNT Paul	OO	8
2419	●GORDON Frank	614-239-7483	
2422	●HOSFELT Patricia	OO	9
X	MONTROSE AV		
2428	●ROSENBERRY John	OO	8
2429	●HARTMANN Benjamin N	614-236-8815	3
2437	●WALKER Harriet	614-231-3968 ♦	
	WALKER Ralph	614-231-3968 ♦	
2449	●MCDONNELL Darlene	614-239-7663	
	MCDONNELL Mark	614-239-7663	
	MCDONNELL Mark	614-237-2256	9
2450	●DAVIS Charlotte	OO	8
2455	●FARSON W D	614-231-5036	
2456	●HARVEY T	614-231-9482	9
2460	★DISCOVERY ORG CNSLT	614-236-9636	3
	●VAUGHAN Jerald D	614-239-9170	
2461	●LUCAS Vicki	OO	9
2466	●SPRINKLE C L	614-237-9288	
2469	GOODWIN Aggie	614-237-4680	9
	SHEARES Effie	614-237-4680	9
X	REMINGTON RD S		
2472	●GOLDHARDT Grant	614-231-6407	+1
2477	●HELLER Ernst	614-235-0682	
2485	●ZELENA Jos J	614-235-1642	
2495	●HEBERT H Peter	614-237-8579	
2500	●KINCAID Carole	OO	0
2508	●EVANS N N	614-235-6997	
2509	●COOPER James L	614-231-1248	
	●COOPER Jas L	614-236-5476	5
2516	●HAMER E T	614-231-8377	
2517	●RUFFING Scott	OO	9
2520	GEARHART Susan	614-237-3192	
	●MALIN Alice	OO	8
2524	●NEYMEYER David	OO	9
2525	LYONS L A	614-231-6097	
	●RIBICH Tom	614-231-6097	
X	VERNON RD		
2533	●DEMIGLIO Paul	OO	9
2536	●MOEHRING Eric	OO	8
2543	●RAPPICH Peter M	614-231-6683	
2554	●BLOOMFIELD Anna M	614-235-7927	
	●BLOOMFIELD Jerome P	614-235-8755	3
2555	●RHODES Brooke	OO	0
X	ROOSEVELT AV S		
2560	●ABBOTT Jennifer	OO	8
	TIERNEY Janice	614-235-3305	9
2575	●CHRISTENSON Thomas	614-338-0274	9
	WICK Faith	614-236-0263 ⊕	9
	WICK Heidi	614-338-0274 ⊕	9
	WICK Melvin	614-236-0263 ⊕	9
2584	●PHOMMACHANH P	614-338-0295	5
2585	●EALY M C	614-235-6339	
2590	●WIGGENHORN J	614-239-0671	5
2591	●MALONE M	614-231-1422	
	REED Annamarie	614-237-2011	+1
2595	XXXX	OO	
2596	●DUFFEY V	614-231-6646	
2599	●SAUER Keith	OO	0
X	GRANDON AV		
2602	●JAMES John O	614-237-6102	6
2605	●ALTMAN Jeanette	OO	8
2611	●WILLIAMS Parks Sabrina R	614-235-0176	0
2619	●SERNELL D A	614-236-3139	9
2625	●CHADWELL A	614-231-0772	+1
2626	●CARPENTER Raymond	OO	8
2632	●ALEXANDER Alexander	614-237-3015	6
2638	FITZSIMONS Marshall Carol	614-236-0597	8
	●MARSHALL Carol	OO	8
2644	●TRITTIPO M P	614-238-6657	
2650	●HARRISON Stephanie	614-236-1525	9
X	BROOKWOOD RD		
X	CHELSEA AV		
2664	●HUNT Paul	OO	+1
2670	★CHARLIE'S RESTORATION	614-235-0810	8
	●VANGAS Kathleen	OO	9
2676	●BENNETT Jason M	614-239-9103	0
2682	●KAWARIZADEH B	OO	9
2685	★BROOKWOOD PRESBY CH	614-235-3451	
2688	●ROBINSON F L	614-235-4373	6
2696	●FORD L	614-237-7605	0
2700	●ALLEN Sharon	OO	+1
2725	●SCOTT Charles	OO	9

LIVINGSTON AV E 43209 CONT

No.	Name	Phone	Code
	★SCOTT Q REALTY RL EST	614-231-82[illegible]	
X	KENWICK RD		
2728	●THOMAS F Pat	614-231-74[illegible]	
2733	●KUHLWEIN Gary	OO	
2741	●THOMPSON Claressa	OO	
2742	DACHNER Sheila	614-237-6[illegible]	
	●THRUSH Michael	OO	
2748	●ERNSBARGER Jan	OO	
2756	●PERKINS Douglas	OO	
2762	●CORBETT John W	614-231-4[illegible]	
2768	●BOESHART M L	614-236-27[illegible]	
2770	●HERRMANN Edward	OO	
2774	●DELFINO John Sr	614-231-4[illegible]	
2777	★CHRIST THE KING CATHOLC CH	614-237-04[illegible]	
2782	●MCGOVERN Garry	OO	
2788	●BRIDGES D L	614-235-04[illegible]	
	●BRIDGES J W	614-235-04[illegible]	
2794	●VEOPASEUTH Nylavanh	614-239-9[illegible]	
X	BROWNING AV		
2808	●AXELROD Daneen	OO	
2820	●ALBERT Mikeal	OO	
	BUTTS R Rev	614-236-2[illegible]	
2826	●LONGSTRETH Craig	OO	
2832	●KELLOGG O	614-235-9[illegible]	
2840	●PROLOGO James	OO	
X	KINGSBURY PL		
2852	●PORTER J	614-235-57[illegible]	
2855	★CHRIST THE KING SC	614-231-3391	
	★CHRIST THE KING SC CAFETERIA	614-231-3154	
	★CHRIST THE KING SC CNFRTRNTY	614-237-1061	
2858	●KELLEY T D	614-236-8[illegible]	
2864	●WHITMER Mark	OO	
2870	●THOMAS Clayton	OO	
2875	★CHRIST THE KING CHILDREN CNTR	614-236-6831	
	★CHRIST THE KING CHILDRENS CNTR	614-237-8401	
	●HERRMANN Edward	OO	
2878	●WHITMERNEWE Mary	OO	
2880	XXXX	OO	
2882	●HERMAN Kenneth L	614-237-11[illegible]	
2885	●RIDGEWAY Clifford	OO	
X	EASTMOOR BLVD		
X	WELLESLEY RD		
2898	●JACKSON Michael	OO	
2901	●CONTE Joseph	OO	
2904	●LONGSTRETH Craig	OO	
	POINDEXTER J	614-235-92[illegible]	
	POINDEXTER L	614-235-92[illegible]	
2907	●HEYWARD Sarah	OO	
2912	●SCHAFFRAN Rowland	614-231-44[illegible]	
2915	●BENTLEY Patricia	OO	
2916	●KNOTTS H	614-236-33[illegible]	
2920	●MONAHAN Elizabeth	OO	
2921	●HELMS Kim	614-237-41[illegible]	
2926	●BARNES James	OO	
2927	●SMITH Geo E	614-231-30[illegible]	
2933	●WICKLINE William	OO	
X	KENILWORTH PL		
2940	●JONES Willie	OO ⊕	
2941	●CRUZ Sergio	614-237-32[illegible]	
2944	●HOTTINGER J A	614-235-25[illegible]	
2947	JACKSON Delbert B	614-235-37[illegible]	
	●MARSHALL Robert	OO	
	SMITH Chas	614-235-89[illegible]	
2950	●TUCKER Robert	OO	
2953	●CHILTON J L	614-236-86[illegible]	
2956	●KENNEY Saundra	OO	
2959	●JOHRENDT John	614-235-95[illegible]	
2962	●MCCABE Mary	OO ⊕	
2968	●GERLING Richard	OO	
X	KELLNER RD S		
2966	★CA CONCEPT USED CARS	614-235-88[illegible]	
	★FORTUNE AUTO BROKERS	614-237-79[illegible]	
	★NATL AUTO RESALE	614-235-88[illegible]	
	●PINKSTON Donald	OO	
2993	XXXX	OO	
2995	XXXX	OO	
2996	★T T MURPHY'S	614-231-29[illegible]	
3000	★DON PINKSTON MOTORCARS	614-235-0777	
3003	XXXX	OO	
3005	★MARK L INC	614-238-2[illegible]	
3015	★WALGREEN DRUG STORE	614-236-99[illegible]	
	★WALGREEN DRUG STORE PRSCPTN	614-236-8622	
3020	●THAMYRAJAH Y	OO	
	★YOGA'S DRIVE THRU	614-235-70[illegible]	
X	JAMES RD S		

ZIP CODE 43227
COLUMBUS

WEALTH CODE 4 0

No.	Name	Phone	Code
3050	BERWICK PLAZA APTS		
40	ADAMS Terri	614-238-21[illegible]	
25	BAH Abdoulaye	614-237-54[illegible]	
5	BELAY Alem T	614-236-27[illegible]	
26	BROWN Alisha	614-338-14[illegible]	
14	COLE Shelia	614-338-64[illegible]	
	DAVIS A	614-236-62[illegible]	
41	FOFANA Abdoulaye	614-237-8[illegible]	
7	HUNT A	614-235-5[illegible]	
36	JONES K	614-236-83[illegible]	
23	LAMPSON V S	614-231-56[illegible]	
11	OSHODI Ganiu	614-237-15[illegible]	
19	PULK P	614-231-58[illegible]	
20	ROE Kenneth D	614-338-83[illegible]	
33	SIAFA Chester J	614-236-41[illegible]	
27	SURBER Jas W	614-235-92[illegible]	
3050			
3060	APARTMENTS		
	ADAMS Beth R	614-231-62[illegible]	
4	BLAINE Andrew	614-237-57[illegible]	
39	CAMPBELL Mikye	614-235-89[illegible]	
30	CASH Derek J	614-237-73[illegible]	
7	CLELAND Sheridan A	614-239-19[illegible]	
42	COX James L	614-238-92[illegible]	
40	DAVIS Stella T	614-235-25[illegible]	
	HUFF James	614-246-06[illegible]	
9	KING E Lewis	614-237-44[illegible]	
15	MCDAY Ivora	614-237-85[illegible]	
27	MYLES Anthony	614-239-02[illegible]	
16	PRESTON Earl	614-235-66[illegible]	
	SENE Ibrahima	614-239-15[illegible]	
43	VEGSO Alexander	614-236-05[illegible]	
34	WALLACE E L	614-236-15[illegible]	
2	YADE Amadou L	614-235-51[illegible]	
3060			
3069	XXXX	OO	
3070	APARTMENTS		

♦=DO NOT CALL ⊕=DO NOT MAIL ⊘=DO NOT CALL OR MAIL

MAYFAIR PARK PL 43213 CONT.
X ASHBURTON RD S
3281 ★COLS BOE FAIRMOOR ELEM SC 614-365-6169
X MAYFAIR BLVD
★ 1 BUS 4 RES 1 NEW

MAYFIELD PL 43209 COLUMBUS

WEALTH CODE 4 0

909 - 952
CITY OF BEXLEY
BEXLEY CSD

900 XXXX OO
909....... BEXLEY TERRACE
GAINES Tony 614-237-6340 +1
303 HITSON R 614-239-8682 +1
LAWRENCE Sean 614-237-3173 +1
112 SMITH Shawn 614-236-5185 4
SWOOPE David L Jr 614-239-6213 0
WILSON Alfred 614-246-0223 +1
205 WOODS Gregory A 614-239-9856 +1
909..................................
914B CALDWELL Rod 614-235-4104 +1
914 ●SMALLWOOD Harry OO 9
920 ●SMALLWOOD Harry OO 9
924 JONES Dionna 614-231-4696 +1
924A JONES J 614-246-0662 +1
925....... APARTMENTS
106 BEAT Noah F 614-236-9923 +1
BOZMAN Darita 614-246-5860 +1
111 BURGESS Paula D 614-236-9469 +1
CHEATHAM Mittie 614-237-7756 +1
304 CRITTENDON Thomas L 614-231-3490 0
HEATH Raquila 614-338-1778 +1
NALL Sanders 614-235-5686 +1
202 NEEHALL Mohandas 614-236-2618 +1
207 OZALPASAN Cem 614-235-8401 +1
103 SEIDE Rinehart W 614-237-6188 +1
308 THOMPSON D E 614-236-9224 +1
WILLIAMS Alan 614-237-6186 +1
925..................................
930A DICKERSON Philip L 614-231-2983 9
930 ●SMALLWOOD Harry OO 9
940 ●WILLIAMS Patrick OO 9
940A LEE F R 614-238-0693 0
946 ●WILLIAMS Patrick OO +1
952 PARTEE Kenesha 614-238-3448 0
●WILLIAMS Patrick OO 9
X LIVINGSTON AV E
★ 0 BUS 32 RES 20 NEW

MAYFLOWER BLVD 43213 WHITEHALL

WEALTH CODE 4 6

351 - 4290
CITY OF WHITEHALL
WHITEHALL CSD

351 ●WILLIAMS Richard L 614-236-6131 4
357 ●MARSH Philip E 614-231-1548
362 ●CHAN Connie OO 8
363 ●BELL Valerie OO 8
POWELL Amanda J 614-235-8228 8
368 ●CHAPPELEAR I C 614-231-8046
369 ●FINTON Keith 614-231-5194
375 ●KAMER Charles E 614-231-7190 +1
381 ●LONSKE Richard OO 8
387 ●CHAN Ken OO 8
LOUIE Art G 614-237-4834
392 ●BLAKE Steven 614-237-1167 7
393 ●PINE Steve 614-237-3567 6
X POWELL AV
398 ●CURFMAN Robt 614-239-6433
399 ●HRISTOVSKI Violet OO 8
405 ●MANSFIELD Stephen OO 8
411 ●HIBBLER B G 614-236-0369
422 ●SIMMERMON C 614-235-4616 6
428 ●BYRO John OO 9
X BEECHWOOD RD
X ELBERN AV
4049 ●HELO Karen OO 8
WALLICK K 614-237-4695 ♦
4052 ●WILKES Stanford OO 8
4055 ●DURRENCE Jas W 614-237-5604
4058 FULMER M A 614-338-8164 ⊖ +1
●FULMER Robt R 614-237-3986 ⊖
4061 CORBIN R J 614-237-7269 8
●JEWELL H L 614-237-3823
4064 ●ROSE William OO 8
4067 ●SMILEY Debra OO 9
4070 ●SOMA Marta OO 8
4073 LOGAN J M 614-231-3169
●REID Daniel OO 8
4076 ●OSBORN David OO 8
4079 ●HILL Susan OO 9
4082 ●RILEY M OO 0
4085 ●RUSSELL Oosrsay L 614-231-9791
4088 ●HANKINS Gerald 614-235-5225
4094 ●HENDERSON Barbara J 614-239-1865 0
X CHANDLER DR
4100 ●KNEISLEY Neil W 614-235-8463
4106 ●DAY Elizabeth OO 8
4112 ●SHIPLEY Frank 614-235-5802
4118 ●POWELL Robt G 614-231-8431
4124 ●MILLER D A 614-235-2081 ♦ 6
4125 ●PATTERSON John W Jr 614-235-3749 0
4130 ●MALONE M 614-237-7947 5
4136 ●UMBEL Althea OO 8
4137 ●OGDEN John 614-235-2020
4142 ●BLACKSTONE Floyd A 614-231-7467
4148 ●WHITTENBURG Margene 614-239-6500 +1
X MEDWAY AV
4154 ●MIDDLETON Arthur S 614-235-4037
4160 ●PIPPINS Keith OO 9
4166 ●HEINMILLER Paul E 614-235-9497 0
4172 ●COHN Gerhard 614-235-2221
4178 ●WOODRUFF N D 614-236-1909
4186 ●CLARK Lauribel OO 8
4187 ●STANDIFORD Harold F 614-231-4201
4194 ●CURTNER Fred R 614-235-7137
4202 ●ROELLE Debra OO 9
4203 ●JOHNSON Gilbert A 614-235-3045
4208 ●ECKSTEIN Charles 614-235-2152 8
4209 ●SHERMAN Russell G 614-231-5163
4214 ●KNOBLAUCH Paul E 614-231-9041
4215 ●ECKSTEIN Jos 614-231-5670
4220 ●MARBURGER Terry P 614-236-2780 0
4221 ●GOLDIE Jack 614-231-6861
4226 ●BEITTEL Todd R 614-239-9952 9
4227 ●POLLEYS William OO 8
WRIGHTSEL Carol 614-231-2527
4232 ●HAYES R 614-235-9626 ♦

MAYFLOWER BLVD 43213 CONT
4233 ★HAMLER IRVIN L 614-235-9455
●HAMLER Mary 614-235-9465 4
★HAMLER WALL WASHING 614-235-9455
4238 ●KUBICKI Richard A 614-235-1598 +1
4239 XIE Xiuhong 614-237-9389 +1
●ZHEN Jian OO +1
4244 ●SPARKS Rodney OO 0
4245 ●HALL C A 614-235-0900
4250 ●TEDDER D L 614-235-3397 7
4251 ●THACKER Charles 614-231-8676 0
●THACKER Chas 614-231-0540 4
4256 ●MENDOZA Deborah OO 8
4257 ●WEDEKIND Michael W 614-231-6594
4262 ●THOMPSON Gene 614-237-7169
4263 ●MILLER Ricky OO 9
X PINEVIEW DR
4270 ●WALKER Arthur OO 0
4276 ●GAINEY J D 614-236-8473 ♦
GILLAN E M 614-236-8473 3
4282 ●TURLEY Constance 614-231-1939
4290 ●CARR Roger OO 8
★ 2 BUS 87 RES 6 NEW

MAYFLOWER CIR (00) 43123 GROVE CITY

1941 - 2111
CITY OF GROVE CITY
SOUTHWESTERN CSD

1941 ●SCALES William 614-871-8189 0
1948 BLACK Steven 614-539-9293 +1
1958 ROBINSON Dwayne K 614-875-4955 +1
1971 MCGEE Joseph A 614-801-1125 +1
1981 ●PAINTER Lynda OO +1
1991 ROSSI Jeff 614-871-3473 +1
2008 ●FOX Sandra OO +1
2011 BRENNER William E 614-277-9897 +1
2031 ROBERTS K 614-875-2457 +1
2041 ●O'Connell Thomas 614-277-0083 0
2048 LEWIS James R 614-801-1492 +1
2051 BORDEN Troy B 614-875-1712 +1
2061 ●GARRETT Betty 614-801-0658 ⊘ 0
GARRETT Jim 614-801-0658 ⊘ 0
2068 ●GORDON Jared 614-277-9115 0
2071 ●SHEARER Charles 614-871-6208 0
2091 ●KINMAN Carl W 614-875-8155 0
2098 ●STEPHENSON Jon 614-871-3692 0
2101 ●JAMESON Andy 614-871-5082 0
●JAMESON Heather 614-871-5082 0
2111 ●CURRY Bill 614-539-1009 0
●CURRY Shelly 614-539-1009 0
2121 OOWIN Fred 614-539-6082 +1
DOWNIN F 614-539-5118 +1
OOWNIN T 614-539-5118 +1
OOWNIN T 614-539-3661 +1
2126 MILLER Todd 614-871-2789 0
2131 PFAFF J 614-801-0839 0
2146 COOPER Debbie 614-875-8288 +1
COOPER Mark 614-875-8288 +1
★ 0 BUS 30 RES 16 NEW

MAYME MOORE PL (98) 43203 COLUMBUS

761 - 777
CITY OF COLUMBUS
COLUMBUS CSD

X MARTN LTHR KNG JR B
761 ●BETHEA Nora 614-251-0997 8
769 ●LEWIS Michelle OO 9
777 ●MCGEE Delmar OO 9
THOMAS I M 614-252-7625 9
X GARFIELD AV N
★ 0 BUS 4 RES 0 NEW

MAYNARD AV E 43202 COLUMBUS

WEALTH CODE 2.5

15 - 1830
CITY OF COLUMBUS
COLUMBUS CSD

X HIGH N
15 BEEM Stephen 614-262-7754 +1
●PICKENS Helen OO +1
17 BORROWS Rebecca 614-261-0850 8
18A MOFFITT Matthew P 614-261-7325 8
18D RASKIN Jennifer 614-447-2470 +1
18B ROOT Kristin 614-262-5888 +1
18 ●SICARUS George OO 9
21 ●WUORINEN Jean OO 8
23 ●KALIVODA Frank OO 9
KELLEY P 614-267-0859 3
24 BECK Ryan 614-267-4568 +1
●COOPER Douglas OO +1
25A BEEM Scott M 614-263-6116 +1
X PEARL N
30 ●YU Chak OO 9
32 XXXX OO
34 ●RICHMOND Joshua OO +1
37 ●POOLE Dennis OO 8
41 ROTH John A 614-268-7604 +1
42 WEIDNER Richard H 614-268-1012
43 WEIKEL Amy 614-263-5051 +1
45 ●BEHAEIN Ali OO +1
WINANS Alice 614-263-3976 9
X EAST AV
46 ●ROSSIAKY Michael OO 8
47 XXXX OO
56 ●POSEY Bruce OO 9
57 LONGEROT T 614-267-0927 0
●SCARBROUGH Michael OO 0
58 SIMMS Michael 614-263-2039 +1
59 ALLISON Rhett 614-267-3353 +1
60 ●POSEY Bruce OO 0
61 SCARBROUGH Michael 614-263-6788 +1
SCARBROUGH Stephanie 614-263-6788 +1
62 XXXX OO
63 FROST D C 614-267-1389 +1
65 ●KAUFFMAN Harold OO 8
66 PETTIT S 614-263-2695 +1
●SCARBROUGH Michael OO 0
67 KAUFFMAN Harold E 614-263-4490
68 ROSS Thomas D 614-268-9990 +1
71 ●MARTINO Teresa OO 8
72 ●ETTINGER David R 614-267-2067 4
73 GERHART Robyn 614-261-0082 +1
76 ●KOEHLER A Joseph 614-261-8603 +1
77 ●KEATHLEY Burley OO 0

MAYNARD AV E 43202 CONT.
78 NYROS Aaron 614-262-6666 +1
79 ECKHART Jos H 614-262-6569 ♦ 3
82 LEE Daniel 614-784-0764 9
●LIESINGER Karl OO 9
83 ARTHUR Julie 614-262-0554 +1
COMBS Kimberly 614-262-0554 +1
DODDS Andrea 614-262-0554 +1
IKE Jamie 614-262-0554 +1
84 XXXX OO
87 ●ROSSIAKY Jas 614-267-2866
X FINDLEY AV
88 ●TOLLE H E 614-268-6230
91 ●ROSSIAKY Michael OO 9
SHAFFER Ryan 614-268-9087 +1
95 ●RYAN James OO 9
97 GUSTAFSON S 614-262-8509 7
98 ●FIEGELIST Gerald 614-267-5323 9
●FIEGELIST Shawn 614-267-5323 9
102 ●WARNER Timothy OO 9
103 ●PAULL Shawn OO 9
104 FRANZ Patrick 614-268-8967 +1
105 ROCKWELL Anya 614-268-4182 8
106 XXXX OO
107 CARLSON Paul A 614-262-8033 +1
●WARNER Timothy OO 9
109 PACKER Ryan B 614-267-9108 0
112 REUTER Mark 614-262-0383 8
●WHITE Michael OO 9
114 DANIELS Julie E 614-784-8703 +1
●RIEMENSCHNEI T OO 8
115 ●KAUFMAN Barry OO 8
116 LING Benjamin 614-267-1854 +1
118 ●KEATHLEY Burley OO 0
119 BULLARD D 614-268-1238 0
●WARNER Timothy OO +1
120 XXXX OO
122 THOMPSON David A 614-447-0685 +1
●THOMPSON J OO +1
123 STAPLETON Rod 614-268-7975 +1
●WARNER Timothy OO 9
124 RICHARDS Courtney E 614-447-9509 +1
125 WOLF J 614-267-9062 9
126 MILLIRON Christopher C 614-258-9699 +1
128 REED Joshua 614-268-7536 +1
130 BRANHAM J 614-261-1274 0
●SMITHSON Charles OO 0
131 MCBAIN James A 614-447-0433 +1
●WARNER Timothy OO 9
132 XXXX OO
133 XXXX OO
135 SHERMAN M 614-784-9323 +1
UNGER Barry 614-784-9072 +1
●WARNER Timothy OO 0
138 ●JACKSON Douglas OO 9
WILEY C L 614-268-6085 ⊖ 9
138 XXXX OO
142 ●WARNER Timothy OO +1
144 XXXX OO
149 ●NOWICKI Scott OO 9
X ADAMS AV
152 ●JOHNSTON Harold 614-263-2589
153 BEVARD Joseph A 614-261-4887 9
●NORTON Arthur OO +1
156 ●COOPER Verlin F 614-268-3132
157 ●SCHLADEN Mary OO 8
159 XXXX OO
160 ●HELM C 614-265-9041 9
●HELMAN C 614-263-1165 7
163 ●NORTON Arthur OO +1
SANFORD Wendy 614-784-8416 9
164 ●SCARPETTI David 614-447-1039 +1
167 ●MAKI M G 614-267-3868 7
170 ●DAVIES Donna 614-268-7658 ⊘ 7
●DAVIES Eric 614-268-7658 ⊘ 7
171 ●HART Dennis 614-263-9168 8
172 ●SMIRNIOTOPOULOS Jane 614-261-3337 0
173 ●JACK Harold E 614-262-8562
174 ●NORTON Arthur OO +1
179 ●WILOMAN Thomas OO 8
180 ●GRACI Joseph OO 8
183 ●JACK Dwight 614-263-0499 3
184 CORLEY Sabrina 614-263-7093 0
●SMITHERS Ralph 614-263-7125 0
187 ●THORNE J A 614-261-7460
188 ●FARRELL Daniel OO 0
MENSEL Timothy 614-267-7451 0
191 ●KOPKO Anne 614-263-7796 7
193 ●ESSEX Charles OO 0
KELLNER Timothy 614-267-8624 +1
194 WIDNER Deborah A 614-261-6626 9
●WIDNER Jeffrey OO +1
195 WELCH Glenn D 614-268-5312 0
198 ●SOUDERS Bruce 614-268-9409 4
199 ●JONES L 614-268-6122
202 ●DICENZO Derek 614-262-5611 7
208 ●BLEVEANS M 614-447-9915 0
HOLM David S 614-447-9915 0
211 ●WILLIAMS Scott 614-262-4207 9
212 ●DRAKE C 614-261-6189 9
PURRINGTON F 614-261-6189 9
215 XXXX OO
216 ●LEARY Michael 614-263-5965
217 XXXX OO
219 ●NIXON Bruce 614-262-0314
220 ●BROWN Kenneth R 614-262-5443
223 MUDRY Yves 614-268-6821 0
224 ●EWING Ron 614-263-7246
225 BENSON Rory 614-267-8499 9
227 HAGENMAYER Sara 614-268-7739 +1
●RESATKA Kathryn OO 8
228 ●CASCIOLI P 614-263-5082 9
229 ZAUTNER Lilah C 614-267-0942 +1
231 ●NORTON Arthur OO +1
YOST Dawn R 614-447-8909 0
232 ●ROESE Monica 614-447-1976 +1
ROESE Robert Mehler 614-447-1976 +1
235 ●ECKERT David 614-262-8558 4
236 ●MCMANN Kay 614-784-9865 8
239 ●ZEHNAL William OO 8
240 ●THICKSTUN Ken 614-267-1667
245 ●CARNEY M 614-263-9936 0
246 ●FELTER Fredrick 614-261-6704 0
FUENTES Doel 614-261-6704 0
249 BOOZER M 614-447-8168 ⊖ 8
●LEGG James A 614-447-8168 ⊘ 8
250 ●HAAR Daniel 614-267-4969 +1
251 ●RESATKA Doris OO 9
252 ERNST Melissa 614-447-0487 0
LYONS Amanda 614-447-0487 0
●WIRTH Richard OO 9
WOLF Carrie 614-447-0487 0
253 MINICHELLO John 614-267-0875 0
255 BIREL Casey L 614-263-2596 +1
●MULARSKI Raymond OO +1
257 YODER M R 614-267-8857 +1
258 PRATT Robin 614-262-5460 +1
●RESATKA Richard OO +1
STOODT Tracie L 614-262-5460 +1
259 ●GRIFFIN Jessie L 614-268-5336
260 CONTINO Nathan C 614-267-1875 +1
262 ROUKE Nathan 614-258-8200 +1
SCHMIDT Jeanette 614-267-0941 +1
X INDIANOLA AV

MAYNARD AV E 43202 CONT
314 ●ELLIOT David OO +1
O'Malley Patrick T 614-262-2759 +1
321 SCHWERDTFEGER G Rev 614-267-3256 ⊖ 5
WAHLMARK Carolyn 614-267-3256 ⊖ 5
X INDIANA AV
326 ●MELLENGER Mark OO 9
327 ●RISTER Floyd OO 9
333 ●THOMS Jon 614-267-9642
339 ●ROZEN S 614-261-4612 +1
343 ●BEHRENS Bill 614-261-1861 8
347 ●ADEYEYE Lawrence 614-261-0918 0
348 ●QUILLEN David OO 8
X SUMMIT
379 PERRY Walter B 614-262-8768 0
380 CHRISTIE L 614-246-0032 +1
381 ●FABER Patrick OO 9
383 XXXX OO
384 XXXX OO
386 DALTON C 614-267-0058 9
TRADER K L 614-268-3365 8
WALTER Shannon M 614-263-8831 +1
387 ADAIR Courtney 614-784-0392 +1
●RESATKA Richard OO +1
SCHAEFER Joseph 614-246-8529 0
389 XXXX OO
393 ●NAGEL Jude OO 0
395 HAMEY Cole S 614-447-2302 0
399 GOREY K Thomas Jr 614-268-2892 0
●SCHMIDT Hilarie OO 9
400 ●RICCIARDO Paul OO 8
403 ●REYNOLDS Everett 614-268-8504
404 ●WRIGHT Mary OO 8
408 ●MURRAY Betty OO 8
409 ●BACHTEL Thomas OO 9
411 SCHLUEP Thomas 614-261-7660 9
X GLENMAWR AV
412 ●STINZIANO D 614-447-0503 7
414 ●PACE William OO 9
STEEN Aaron Joseph 614-268-8207 9
415 ●SUPELAK Deborah 614-447-1456 2
416 XXXX OO
418 ●HELLER Larry OO 0
419 BROOKS Cynthia 614-262-7809 9
420 ●PACE Patricia OO 8
ROBERTSON Andrew 614-261-4473 9
421 HILL Paul R 614-267-3164 0
●STUART Patrick OO 0
424 GAYNOR Amanda 614-262-2393 9
●GAYNOR Jenn 614-262-2393 9
425 ●BUSSARD K L 614-262-4617 7
427 CLAY Kendra 614-262-2775
CLAY Sidney 614-262-2775
429 JOHNSON Gerald 614-262-6915 0
JOHNSON L D 614-262-8302 8
431 ●LEWIS William OO +1
440C COLEMAN Erica 614-267-9150 0
440D VELOSKI James 614-263-1573 7
440A HOOGKINSON C 614-267-2813 5
442A PAULIN Theresa 614-262-9802 9
X 4TH N
472 ●ELLEN Christine OO +1
474 DUNN John P 614-268-2406 3
476 SATTERLEY Nick 614-263-5053 0
477 NARENDORF Bryan 614-268-3541 9
●WHITE Michael OO 9
479 POSTER Paula 614-267-9965 +1
VERNOR Kara 614-447-1572 0
●WHITE Michael OO 8
480 XXXX OO
481 ●NELSON Jamie 614-246-0705 +1
485 ●HERMAN Louie E Jr 614-263-5867
486 ●BRANDAL William OO 9
SHOVER Ronnie 614-262-3471 2
489 ●CURTIS Rebecca OO 9
492 OTT Matthew A 614-262-4062 +1
●OTT Patricia OO +1
493 ●CARR Dana OO 8
PALMER Karry 614-447-1261 0
VAUGHN Christopher M 614-447-1261 0
494 VANCE Charles 614-263-5457 +1
495 ●RACEVSKIS Andrew 614-268-6186
496 ●RESATKA Richard OO +1
498 XXXX OO
500 MALLEY Ali 614-267-9426 +1
●MALLEY Michael OO +1
501 ●SMITH Carl R 614-268-5930
●SMITH Kristen 614-268-5930
502 XXXX OO
505 ●OGIER Jim 614-268-3121 6

ZIP CODE 43211 COLUMBUS

WEALTH CODE 0.6

X VELMA AV
827 MCCOY Roger Clergy 614-263-1895 9
★OVERCOMERS CHRISTIAN CHURCH 614-263-1895 9
X HIAWATHA PARK DR
848 ●OCHS Joseph OO 8
856 DIAMOND Joe 614-267-3447 ♦ 6
X ATWOOD TER
887 BUCEY John A 614-263-2313 9
●PLOTNICK Marc 614-268-3096 9
X HOWEY RD
X GRASMERE AV
X JEFFERSON AV
X MCGUFFEY RD
X LEXINGTON AV
1112 ●MUPAS Thelma OO 9
1114 XXXX OO
1116 BROWN Melvin L 614-267-1702
1118 XXXX OO
X HAMILTON AV
X GERBERT RD
X ONTARIO
X HOMESTEAD DR
X DRESDEN
1385 BARKSDALE Tamara 614-291-6819 5
●LATHAM Katherine OO 8
1388 ●PRICE J W 614-261-8368
1391 ●JOHNSON Linda OO 8
1394 ●UPCHURCH Richard OO 8
1395 ●WHITE Willie OO 8
1398 BRENDAN M 614-267-6171 +1
●CALLOWAY Irma A Rev 614-263-2157
1399 ●ROBERTS Larry W 614-291-2348
1403 ●BENNETT Leroy 614-299-9078 0
HEARNS M 614-291-7076 +1
1406 ●HYSELL Monica OO 9
1409 ●OLADOYE Akin OO +1
1410 ●ROBERTSON Hersey OO 9
1413 BAXTER Creola 614-299-8105 0

MAYNARD AV E 43211 CONT
●LAWRENCE Derek OO 9
1416 ●CLARK Rose OO 9
1417 LOGGINS Richard 614-299-0519 6
●ROSKWITALSKI G OO 9
1423 ●CHRISTY Margie OO 9
1424 ●ROBERTSON Hersey OO 9
SHELTON Steven D 614-268-1207 +1
1427 ●ALEXANDER Deard OO 9
1430 ●GALLI Anaclato OO +1
HOWARD Nikky 614-263-5327 8
1434 SPLUNGE D 614-447-1527 +1
1437 ●SCHLATER Margaret OO 9
1438 ●PARHAM Clara 614-262-0777 +1
REINHARDT Sonya 614-263-9935 0
1442 ●NICHOLS Charles OO 9
1446 ●NORRIS Keith OO 9
X CLEVELAND AV
1489 ●HOLT Thos 614-299-6191
●HOLT Thos 614-299-6160
1493 ●HINES Gwendolyn OO 9
1498 ●TIBBS Albert 614-263-5707
1499 ●DAVIS Rosie OO 9
1503 XXXX OO
1504 ●HAMMOND Bradley OO +1
1507 ●CHEATOM Matthew 614-291-7309
1512 ●HUDGINS Robt Lee 614-267-4190
1513 ●EGGLESTON Robert 614-294-4591 9
1517 ●LONG William OO +1
1518 ●JONES Salustiana OO 9
1521 ●PATTERSON Erma OO 9
1522 ●SMITH J OO 9
1525 XXXX OO
1526 ●BLANN Orasby 614-261-7736 9
1530 ●PURYEAR Creola OO 9
1531 ●ELLISON Goloria 614-291-8579 9
●ELLISON S 614-294-3457 2
1535 ●BROWN Walter OO +1
1536 ●THORNTON Toni OO 8
1539 MCCARTHY C 614-294-1820 +1
●PECK Joseph OO 8
1540 ●ALABI Samuel OO 8
1545 ●GOSSETT B M 614-291-5588
1546 KNOWLES D 614-263-4214 +1
1549 ●CULP Charles OO 8
1550 ●ALABI Samuel OO +1
1554 ●ALABI Samuel OO 9
1557 ●WHEAT Jerald OO 8
1558 ●ALABI Sam OO 9
1564 ●STEPP Claude 614-262-4403
1565 XXXX OO
1568 ●ALMORE Allen OO 6
1572 ●MCVAY Lydia 614-268-1062 3
1577 GATEWOOD Peggy 614-294-1440 7
1579 BARBOZA Richie 614-294-0488 +1
1580 XXXX OO
1581 XXXX OO
1582 ●BRADSHAW Herman OO 9
1583 XXXX OO
1585 XXXX OO
1586 ●FADIS Mary OO 9
1589 EPLING Maria 614-294-0851 +1
1590 ●JONES Rogelio OO 8

ZIP CODE 43219 COLUMBUS

WEALTH CODE 5.1

X BANCROFT
1631 ●MAYFIELD Franklin 614-263-5870
1639 HARRIS Sharon 614-784-0515 +1
1644 ●FERGUSON Luther OO 9
1649 ●MONTGOMERY Major 614-262-5882 +1
1650 XXXX OO
1655 CLARK Rhonda E 614-447-2081 6
●VERDINE Elizabeth OO 9
1656 COMMODORE Stephanie 614-268-4844 8
●SKINNER Glenn OO 9
1663 ●KOLLIESUAH A OO 0
1668 ●DENNIS David OO 9
1669 ●COLES Barbara OO +1
1672 ●WILLIS Delores OO 8
1675 ●JONES Kerwince OO +1
ODOG Woof 614-267-0099 +1
1680 ●JACKSON Waverly OO 9
1681 ●CLARK Yvonne OO 0
1686 ●SHAMANSKY David OO 8
1687 XXXX OO
1692 ●DOUGLAS William OO 0
1695 ●FRIDDLE Margie OO 9
1698 ●MARTIN Carol OO 9
1701 ●JENNINGS Carretta OO 9
1704 XXXX OO
1707 ANDERSON G A Z 614-267-2893 8
●WILLIAMS Gloria OO 8
X JOYCE AV
1710 ●WALLACE Harley OO 9
1762 XXXX OO
1766 COX J 614-784-8017 +1
1770 ●DAVIS Patric OO 8
MITCHELL Chucky 614-268-0993 0
1779 ★COLS BOE DUXBERRY ALTNTV ARTS 614-365-6023
1780 ●WALTERS Donald 614-447-1954 0
●WALTERS Kim 614-447-1954 0
1784 ●CALLAHAN Chesoni OO 0
1790 ●MORGAN Ruth OO 0
1796 ●COURTS C 614-447-2335 7
1808 ●ROSKWITALSKI G OO 9
1814 NEGUSE Madhane 614-267-0278 6
1824 ●BYTHEWOOD Esther OO 9
1830 LANEY Charles L Jr 614-262-7767 +1
●ROSKWITALSKI G OO 9
★ 2 BUS 395 RES 100 NEW

MAYNARD AV W 43202 COLUMBUS

WEALTH CODE 1.4

20 - 161
CITY OF COLUMBUS
COLUMBUS CSD

X HIGH N
16 XXXX OO
20 SHAFFER Amanda N 614-261-0438 +1
●SOURVANOS Jerry OO 9
22 ULRICH Sara E 614-267-8984 0
26 FALKNER Benjamin L 614-262-5426 0
●SOURVANOS Jerry OO 9
28 SOLDEVILA Carolina 614-262-2361 +1
34 ●MOUNEIMNE Mazen 614-267-6686
38 ●BYRNE John OO 0
39 WERLING Mark 614-297-7394 9
40 LAWU Ingrid 614-263-4693 0
43 ●YOUNG Voncile OO 9
44 ●ECKHOLT Michael OO +1

MAYNARD AV W 43202 CONT
46 SMINK Bryan B 614-[illegible]
49 XXXX OO
50 XXXX OO
51 AUSTIN Kara 614-[illegible]
AUSTIN Scott 614-[illegible]
52 MENARY Chris 614-[illegible]
53 ●RITTER William OO
SHERMAN Greg 614-[illegible]
55 ●RITTER William OO
WU Kayu 614-[illegible]
56 OOSTDYK Aaron 614-[illegible]
●VARGO Stephen OO
59 ●LORDO Anthony OO
60 GATHERS Sarah 614-[illegible]
KRELL Sylke 614-[illegible]
●PRESTON Neil OO
61 SELLS Jennifer 614-[illegible]
SELLS Troy 614-[illegible]
63 ANTCZAK Richelle 614-[illegible]
X WILLIAMS
65 WILKER Travis J 614-[illegible]
68 ADAMS Matthew 614-[illegible]
●ZINGALE James OO
72 MARTYNOWSKI Frank 614-[illegible]
●RIEMENSCHNEI Paul OO
74 XXXX OO
77 MOORE Stephanie 614-[illegible]
78 ●EVERITT Catherine OO
HERHOLD Raymond 614-[illegible]
79 SURYADI S 614-[illegible]
80 XXXX OO
82 ●EVERITT Catherine OO
REICH Peter 614-[illegible]
83 ●ADAMCZAK David OO
STEELMAN Dennis 614-[illegible]
84 LATHEY P 614-[illegible]
87 ●LORDO William OO
88 XXXX OO
89 LORDO Anthony G 614-[illegible]
90 CHITWOOD Jennifer 614-[illegible]
91 WILSON L M 614-[illegible]
92 MOUNT Emilie 614-[illegible]
●RITTER William OO
93 ●POPTIC Daniel OO
94 WILCOX Ryan 614-[illegible]
95 ●COOPER Lisa OO
LAWRENCE David A 614-[illegible]
97 MARSHALL Jessica 614-[illegible]
100 ●RESSLER John OO
STREETS John 614-[illegible]
101 ●CORREALE Vincent 614-[illegible]
101½ LI Mei 614-[illegible]
102 HORNIK Josh 614-[illegible]
104 RAMIREZ Paul 3D 614-[illegible]
X NEIL AV
105 BRINKER Sarah A 614-[illegible]
●DUNKEL David OO
120 RIVARD Noelle 614-[illegible]
121 MARTINEAU John M 614-[illegible]
130....... CHESTNUT HILL APTS
AGNITA Pandian 614-[illegible]
3E AHMED Anila 614-[illegible]
1O BATEMAN James 614-[illegible]
3J BECK Julia 614-[illegible]
2E BENTLEY Scott 614-[illegible]
BHATTACHARJEE Yudhijit 614-[illegible]
1K BROMAGEM Emily 614-[illegible]
3A BROWN S C 614-[illegible]
BROWN W Kyle 614-[illegible]
2F BURDETTE Darcy A 614-[illegible]
1E EGGAN Amber L 614-[illegible]
2A FARNSWORTH Amanda 614-[illegible]
HEITKAMP Breanne 614-[illegible]
HITCHCOCK Kathryn Ann 614-[illegible]
1B HOEHN Joseph 614-[illegible]
1F HOLTMAN Carl 614-[illegible]
2H IWASAKI M 614-[illegible]
1J KAFFENBARGER Martin 614-[illegible]
2J KAPPLE L 614-[illegible]
LI Shengchao 614-[illegible]
LUO Yuqun 614-[illegible]
3K MANNER John 614-[illegible]
1H MCCLURG Kristen M 614-[illegible]
3B MITCHELL Jim 614-[illegible]
2G MORRIS Timothy 614-[illegible]
2C POLING Scott R 614-[illegible]
1B RUSSELL Luke 614-[illegible]
1C SHERIDAN Jill 614-[illegible]
1A YEAGLEY Karen E 614-[illegible]
130..................................
140 JAHJA Aron P 614-[illegible]
150....... CHESTNUT HILL APTS
1F AXEL Rick 614-[illegible]
1F AXEL Scott 614-[illegible]
5A BAKER Seth D 614-[illegible]
1D BECKER Matt 614-[illegible]
BROONAN Kevin J 614-[illegible]
1K CAREY Christina A 614-[illegible]
3C CHALMERS Rebecca 614-[illegible]
★CHESTNUT HILL APTS RES MGR 614-[illegible]
1B DOEPKER Bruce 614-[illegible]
1A EVERETT William R 614-[illegible]
1G FREY Jennifer 614-[illegible]
5A HANDELMAN Adam J 614-[illegible]
1J HEASTON Angela D 614-[illegible]
1I KANZ Ryan 614-[illegible]
3J KELLER Corey 614-[illegible]
KHAN Enam 614-[illegible]
5A KRAMER A B 614-[illegible]
KRAMER Matt 614-[illegible]
3K LIVINGSTON Ryan 614-[illegible]
3D MATHIS Jacquelynn N 614-[illegible]
MEDAK Anthony 614-[illegible]
5C NATARAJAN Saradha P 614-[illegible]
PALMER Matt 614-[illegible]
1E PETERSEN McCree L 614-[illegible]
ROVNAK Paul 614-[illegible]
SERVICK Joseph 614-[illegible]
3F TISHKO Nicholas J 614-[illegible]
5D WADDELL Patrick J 614-[illegible]
1H WHITE J 614-[illegible]
150..................................
161....... CHESTNUT HILL APTS
3K BATTLE Amy D 614-[illegible]
5A BRANDAU Anne 614-[illegible]
1C BUDD Alan M 614-[illegible]
1J DECKER James E 614-[illegible]
3F DIGNAN Joshua J 614-[illegible]
3C DUKARICH J 614-[illegible]
EVANS Jessica 614-[illegible]
5B FOOTE David W 614-[illegible]
5D GARCIA Chris 614-[illegible]
5B HILL David D 614-[illegible]
1D HWANG Yoosuk 614-[illegible]
★INTL MANAGEMENT GROUP 614-[illegible]
1G KNOWLES Jeffrey 614-[illegible]
LONG David 614-[illegible]
3G NOVAC John 614-[illegible]
3H PIRES Jennifer 614-[illegible]
3A REIDEL Katherine 614-[illegible]
1B SLIVKA Kate 614-[illegible]
1E SQUIRE Lindsey N 614-[illegible]

♦=DO NOT CALL ⊖=DO NOT MAIL ⊘=DO NOT CALL OR MAIL

TP	Adjoining	Source
-	✓	Haines & Company

SHERIDAN AVE 2002

. SHENANDOAH VLY DR 43207 CONT
478 WOOTEN J 614-492-8633 4
483 BARR Linda D 614-492-1381 8
484 FINN Jack 614-492-1926 4
489 HOPSON S E 614-491-3178 0
490 XXXX OO
495 XXXX OO
X KERSHAW DR
501 BARR B A 614-497-3816 8
507 GREENLEE Julia M 614-492-8713 +1
514 ★GREENLAWN MOBILE HOME SALES 614-409-9634 +1
515 XXXX OO
X PARSONS AV
★ 1 BUS 27 RES 4 NEW

SHEPARD 43230 GAHANNA

WEALTH CODE 4 0

94 - 172
CITY OF GAHANNA
GAHANNA JEFFERSON CSD

X TOWN
94 MOORE Barbara 614-475-8760 9
●MOORE Bruce L 614-476-0806 5
●MOORE Bruce L 614-475-8760 9
95 XXXX OO
98 ●GODDARD Chris 614-337-1303 ⊕ 6
102 ●ROBY Mabel OO 9
WELCH P J 614-478-2241
104 MUSGROVE P A 614-475-4654
106 ●CULP Charles OO 0
109 HEINE S 614-478-4533 +1
109C CHAPMAN Debra 614-478-3375 0
112 ●MCMILLIN Glen L 614-471-8476
116 ●LUCAS Lana OO 8
X WALNUT
120 LESTER Michael W 614-428-7240 +1
●WESTHOVEN David OO 9
132 ●DEWITT Richard 614-478-1831 9
136 ●ANDERSON Eric OO 8
140 ●HEINE Paul OO 9
144 ●BROWN Randy 614-475-3554
148 ●FERGUSON Mary OO 9
150 FERGUSON J Wm 614-471-6006
FERGUSON J Wm Chld 614-471-7750
152 ●SOUDER R E 614-471-9412
157 ●KERR Thos 614-471-1128
158 ●MATHEWS Geo G 614-471-6408
X NORTH
182 ●WOODY Stephen 614-476-0471
186 ●HUGHES Starla OO +1
189 BROKAW Andrea A 614-471-5108 4
●NEOPOLITAN Ralph OO 9
171 BADLEY R 614-428-4684 +1
172 ●MILLER Josephine OO 8
TURNER Nancy L 614-471-1247
X CARPENTER RD
★ 0 BUS 32 RES 4 NEW

SHEPHERD RD 43137 LOCKBOURNE

WEALTH CODE 3.0

ALSO SEE DICKMAN
CIRCLEVILLE CRISS CROSS
DIRECTORY

X ASHVILLE PIKE
9361 GILMORE Frank S 614-491-7429
9492 DEFELICE Michael 614-497-9492
9501 PETERS Donald 614-497-3029
9510 ★A L D CONCRETE&GRADING CO INC 614-491-9300
DEFELICE Angelo L 614-491-4767
★DEFELICE ANGELO L 614-491-9300
X BULEN-PIERCE RD
9626 DEFELICE R Jos 614-497-0320
9859 ...... APARTMENTS
BENEDETTI Anthony 614-491-2416
BENNETT Gaynell 614-497-8458 +1
BORROR Dwight L 614-497-2818
CALLAHAN J K 614-492-0425 7
CENTERS Everett Jr 614-492-1840 7
ETTERS Bob 614-492-1260 9
HUDSON Jim 614-491-2197 9
JONES Joanna 614-492-9953 0
KERBER Nena 614-497-0131 7
KERBER William 614-497-0131 7
MARLOWE Simeon C 614-497-8696 +1
NEYLON Todd 614-492-8978 8
RIFE Windel 614-409-9516 0
SEAVER Russell 614-492-9717 5
SETLIFF Patty 614-497-8970 0
WATTS Beverly S 614-409-8481 +1
9859 ....
9891 MILLER S I 614-491-1300
9905 ...... CARAVAN TRLR CT
BISHOP B 614-491-7788 9
★CARAVAN VILLAGE INC 614-491-5225
COLLINS Penny 614-497-4183 8
ELLIS Ronald C 614-497-1549 0
GONZALEZ R J 614-492-8679 8
HUSTON Michael R 614-497-2820 8
JAHN C S 614-491-4894 9
LAURITSEN Kent 614-497-3301
NOLLEY Richard K 614-492-0416 +1
POPE Charles 614-497-8960 0
RASNICK Anthony N 614-497-2670
SHIRKEY Cecil 614-491-0384 2
1 SIMMONS E L 614-491-4459 4
TOBIAS William R 614-497-7944 0
WHITE Tamra R 614-492-8048 7
9905 ....
9955 ...... APARTMENTS
ABSTEN W L 614-497-3956 4
ADAMS B 614-497-8216
ALLEN Kyla R 614-409-9886 0
ARNETT Krishe 614-492-1823 8
AVERY Ronald E 614-491-6412 8
BAESMANN Paul 614-491-7817 5
BARBEE Phyllis J 614-497-8973 9
BLUE J 614-497-2415 ⊕
BOERNER Fred A 614-491-8080 2
CLINE B 614-492-1299 0
COOK Heather 614-497-3494 8
COOK Marvin 614-497-3494 8
COUCH Michael L 614-492-1755 9
CRAIG Roy L 614-491-9853 6
DYE Brigett 614-497-0274 +1
EAGLE Glenn Mrs 614-491-7371
FASONE Michael 614-491-3181 0
FRANCIS Marvin 614-491-9806 8

. SHEPHERD RD 43137 CONT
E4 FRENCH Roy H 2D 614-491-0496 8
FULLER Thomas 614-491-3179 +1
GARNER K 614-491-3462 0
GLITT Doug 614-492-0856 6
GLITT Katrina 614-492-0856 6
GOODLING Lilley 614-492-1404 9
GRAY Paula 614-492-8034 6
GRIMES Ronald 614-492-4003 6
GUTIERREZ Daniel 614-492-8510 8
HALE Jimmy 614-497-8267 0
HAMMONDS Billy E 614-491-9614 3
HARDBARGER Carl N 614-492-8766 8
HARDY M 614-492-9916 8
HORNYAK N E 614-409-0726 9
HUNT R E Sr 614-409-3496 +1
HUNT Ryan 614-409-3390 +1
KASLER Daniel P 614-492-1602 3
MARLOWE Michael 614-497-9479 8
MCCOY S E 614-491-7535 8
MCKAY J S 614-491-6558 4
MCLAUGHLIN R P 614-492-0389 6
MESSER Gregory A 614-491-1081 0
RAYMOND Joseph S 614-491-2233 9
SHIRKEY Cecil Sr 614-491-0482 4
SINIFF B 614-491-3901 4
SMITH Gerald T 614-409-2432 +1
STAGGS Tawana S 614-491-8558 0
WEGNER Heinz B 614-491-4239 4
WEST Harry V 614-491-8918
WHITE T A 614-492-9526 0
9955 ....
X PICWAY RD
ND# CHAFFIN G 614-497-1665
★ 3 BUS 65 RES 9 NEW

SHERATON CT 43026 HILLIARD

WEALTH CODE 9 0

4000 - 4055
NORWICH TWP
HILLIARD CSD

4000 ●BACKENSTOE William 614-777-0114 7
X HANSEN DR
4001 ●FANTIN John OO 9
4022 ●MOSSGROVE Kelley 614-771-0085
●MOSSGROVE Sean 614-771-0085
4023 ●GORDER Wm L 614-876-3587
4044 ●RATHBUN Leigh OO ⊕ 8
4045 ●OYSTER Eugene F Jr 614-876-4412
4055 ROACH E M 614-527-8618 8
●SNEDEGAR W F 614-876-4949 7
★ 0 BUS 9 RES 0 NEW

SHERBORNE DR 43219 COLUMBUS

WEALTH CODE 5 2

149 - 418
CITY OF COLUMBUS
COLUMBUS CSD

149 ●WEEKES Jas 614-258-6163 3
150 ●LEE Cheryl OO 8
155 ●MCFADDEN John Jr 614-253-7606
159 ●PANNELL Earl C 614-253-1650
160 ●BEASLEY Reynold K 614-253-7878
X CLIFTON AV N
X GREENWAY AV S
180 ●SMITH Robt A 614-252-5564
181 ●BLANDJONES Cynthia OO 8
THOMAS Foshen 614-252-6798
188 ●WEBSTER Gloria OO ⊕ 8
189 ●KINDLE Louis OO 9
MCNEAL Beverly 614-258-3675 9
195 ●HAMMOND Michelle OO 0
X DENBRIDGE WAY
203 ALLEN J O 614-258-4743 +1
●MUNNERLYN Kelley 614-372-1947 +1
●MUNNERLYN Virginia 614-372-1947 +1
204 ●OODLEY Lewis 614-258-1351
210 ●JAMESON Sharlene 614-258-3039
215 ●ELLIOTT James OO 0
219 ●TURNER M P 614-253-2895
222 ●HIGGINBOTHAM D A 614-253-3081 +1
225 ●HOOKS Clifford Jr Rev 614-252-2815
228 ●MITCHELL Larry OO +1
X ARDENRUN WAY
230 ●FOSTER Lois 614-252-4073
234 ●ALLEN E E 614-258-9327
240 ●BARNES Stanley OO 0
244 ●WOODS Jos Rev 614-252-2704
250 ●DIGGS Earle H 614-252-4463 ⊕
256 ●TAYLOR Keith 614-257-1839 9
257 BRICKEY A 614-252-7712 3
●SNOW Tracy OO 8
262 ●THOMPSON Deborah 614-257-0455 0
●THOMPSON Ralph 614-257-0455 0
265 ●MILNER Mary OO 8
271 ●WALLACE Chas E 614-258-0092
272 ●GENTRY Malcolm Jr 614-252-8864
276 ●CREASE O 614-258-8942 0
283 ●BELL George H 614-252-3746 9
291 ●CLARK Mildred 614-252-3891
X MILLBROOK WAY
311 ●LEON L 614-252-7836
316 ●MILLER Cameron 614-252-3750
319 ●JOHNSON Maurice 614-258-3547 9
320 ●WALLACE Betty OO 9
328 ●CUNNINGHAM Delores OO 8
FIELD Eric D 614-258-4342 4
333 ●SESSLEY Robert OO +1
336 ●ROBINSON Julian H 614-253-6981
339 ●HOLLAND Ronald OO 8
342 ●JOHNSON Wm E 614-258-9004
347 ●MOREHOUSE Scott 614-251-0198 0
348 ●BRYCE C A Sonny 614-258-0123
X GREENWAY AV N
X STRATFORD WAY
357 ●HUBBARD J M 614-253-3208
358 ●STARR Teresa OO 9
375 ●BRIDGES L E 614-258-9294 7
378 ●HINES C E 614-253-4842
388 ●WHITLOW Evelyn OO 0
400 ●DIXON Marlon 614-253-2129 3
401 ●HUGHES Lisa OO 8
REED Jesse E 614-253-4754
X MARYLAND AV
X MERRYHILL DR
418 ●ROBERTS Lachandra OO +1
★ 0 BUS 59 RES 7 NEW

SHERBORNE LN (92) 43065 POWELL

WEALTH CODE 9.0

1120 - 2135
LIBERTY TWP
OLENTANGY LSD

1120 ●PILLAI Suresh OO +1
1134 ●KERR Richard OO 0
1150 ●HILTY Linda 614-846-7053 8
●HILTY Randy 614-846-7053 8
1176 ●ZILIAK Donald M 614-781-1297 0
1206 ●XIN Yue OO 0
1232 ●FRANK David K 614-781-9606 ⊘ 9
1258 ●SCHMANSKY John E 614-846-1943 ♦ 0
1288 ●RICHARDS Cherie 614-781-0285 0
●RICHARDS Gregory 614-781-0285 0
1314 ●COBURN Larry 614-846-7768 9
●COBURN Suzanne 614-846-7768 9
1345 ●TOPINKA Marcus 614-841-1345 4
1350 ●VIG Amanda 614-436-7766 8
●VIG Katherine 614-436-7755 5
1380 ●HAINES S K 614-848-6690 5
●HANES Sandra K 614-848-6690 6
1395 ●SCHERTEL Mary 614-635-0289 +1
1420 ●SCHUEN Rich 614-888-9422 9
●SCHUEN Wendy 614-888-9422 9
1432 ●MCCLURE Deanna OO 8
1435 ●SPENCER Timothy OO 8
1450 ●MCCURDY Terry 614-436-0052 3
1475 ●ZBYDNOWSKI Jerome 614-846-0979 8
●ZBYDNOWSKI Jerome 614-847-0179 8
●ZBYONOWSKI Mary Ann 614-846-0979 8
1487 ●BURKETT Bill 614-885-6777
●BURKETT Michele 614-885-6777
1495 ●VINCENT Jill OO +1
1515 ●HATHAWAY Carla 614-888-8682 9
HATHAWAY William 614-430-9020 +1
●HATHAWAY Wm 614-888-8682 9
1540 HOWARD Amy 614-436-3832 7
●KING R Steven 614-436-3832 4
●KING R Steven 614-436-1057 4
1545 ●NAVARRO Luis 614-846-4728 8
●NAVARRO Mary 614-846-4728 8
1595 ●MELICK Patrick OO 9
X PENNINGTON CT
1615 ●DROSOS William OO 8
1625 ●SHUFELT Jeffrey OO 8
1636 ●SPRAGUE Brad 614-785-1580 5
1641 ●BULLER Mahlon OO +1
1650 ●NIEDERKOHR David A 614-785-9858 2
1672 ●QUEEN Russell OO 0
1707 ●WOERNER Roger 614-438-5850 9
●WOERNER Sandee 614-438-5850 9
1738 XXXX OO
1761 ●MCBRAIR Eileen 614-433-0986 9
●MCBRAIR Scott 614-433-0986 9
X ROUNDWYCK LN
1820 ●PALMER David OO 9
1825 ●RAMSEY Gregory D 614-436-1474 0
●RAMSEY Michelle 614-436-1474 0
1874 ●NOVAK Anne 614-888-8584 9
●NOVAK Donald 614-888-8584 9
1879 ●MOLL Stephen 614-781-0380 9
1928 ●KENDALL L S 614-781-1368 7
●KENDALL Neal 614-781-1368 7
1933 ●SNEAD Kent 614-781-1024 8
1955 XXXX OO
1995 ●LOUGE Karen 614-430-8239 +1
●LOUGE Michael 614-430-8239 +1
2031 ●CARTER William 614-985-0501 0
2067 ●VANBEUSECUM Frank 614-846-0094 6
X ALBURY CT
2101 ●STANDLEY J S 614-888-1112 7
2135 ●HRIVNAK Robert OO 9
★ 0 BUS 65 RES 7 NEW

SHERBOURNE CRESCENT 43224 COLUMBUS

WEALTH CODE 5 0

2637 - 2686
CITY OF COLUMBUS
COLUMBUS CSD

X ARBURY LN
2637 NORRIS C 614-473-0476 +1
●PETERSON Georgia OO +1
2647 KURTZ Frank B Jr 614-476-2587 7
KURTZ Frank B Jr 614-476-3461 0
●SULLIVAN Doris OO +1
2648 ●HOUSER Gladys OO 8
NEESE Theresa L 614-473-0545 +1
2656 ●MATHYS Vicki OO 8
2657 ●HEATH Jeffrey D 614-478-8773 4
2664 ●DAIL Phillip OO 9
2665 ●WIDMER Robert F 614-476-1942 0
2670 ●HOLMES Judith OO 0
2671 ●SPARKS Ruby OO 8
2675 ●LESTER Shawn OO 8
2678 ●HENDERSON Scott OO 6
2679 ●AUDDINO Jorge OO 8
2682 ●HUDDLESTON Lou OO 8
2686 ●PRICE Dorothy OO 9
★ 0 BUS 18 RES 4 NEW

SHERBROOK DR (99) 43082 WESTERVILLE

6845 - 7171
GENDA TWP
WESTERVILLE CSD

6842 SPEAKES J 614-865-9806 +1
6845 ●SCHROEDER Mark OO +1
SEYMOUR S 614-901-0901 0
6854 ●GUBSER Jacqueline 614-523-0104 0
●GUBSER William 614-523-0104 0
6855 O'Connor Kevin 614-523-3892 +1
●OCONNOR Kevin OO +1
6879 ●VARRASSO Allan 614-890-6542 +1
●VARRASSO Silvana 614-890-6542 +1
X BROOKSTONE DR
6899 ●MONACO Tony 614-895-2962 0
6919 ●GAITER Antoine OO +1
6927 ●HENSON Julie 614-523-2936 9
●HENSON Todd 614-523-2936 9
6951 ●BELENKY Aleksandr 614-901-3801 9
●BELENKY Jenny 614-901-3801 9
X HIGHBRIDGE PL
6969 FARRELL P A 614-882-1313 9
●REED R J 614-882-1414 9
6983 ●WELLS Brent OO 0

SHERBROOK DR 43082 CONT
6999 ●KELLUM Andrea 614-899-0767 9
●KELLUM Patrick 614-899-0767 9
7000 ●HORLOCKER Suzanne OO 0
7015 ●CABUNGCAL Bernie 614-891-6372 0
7031 ●MCMANAMON Ian P 614-901-3996 0
X WYCLIFF PL
7045 ●WEARS Doug 614-895-3290 0
7057 ●MAGUIRE Kimberly OO 0
7070 WAGNER Brian 614-523-1845 0
7071 ●DOWLING Monroe 614-891-4033 +1
7083 ●WEITZEL J 614-890-4495 9
7109 BROWN Gregg 614-882-9328 +1
BROWN Sherri 614-882-9328 +1
X SORENSEN PL
7126 ●METZNER Bill 614-899-9914 9
●METZNER Renee 614-899-9914 9
7129 ★HOMEWOOD BUILDING COMPANY 614-901-2204 9
7136 ●STEVENS Russell 614-818-3532 +1
●STEVENS Russell 614-818-3821 +1
7148 ●DUNN Chris 614-891-1372 0
●DUNN Sherry 614-891-1372 0
★SECOND SOURCE COMPUTERS 614-818-2650 +1
7151 ★DOMINION HOMES 614-523-1600 9
7171 ●GATES Earl OO 0
X TUSSIC
★ 3 BUS 37 RES 13 NEW

SHERBROOKE PL 43209 COLUMBUS

WEALTH CDOE 8 0

1365 - 1462
CITY OF COLUMBUS
COLUMBUS CSD

X BERWICK BLVD
1365 ●CERVI Tony 614-231-3061
1370 ●AUSTIN Andrew OO 0
1375 ●MEYER Nelson C Rev 614-231-8850 6
1380 ●ALTAN Susan 614-231-0396
●ALTAN Taylan 614-231-0396
1389 ●MAYBRUCK P J 614-239-1051
●MAYBRUCK Stanley 614-239-1048
1394 ●HARRIS Bruce 614-235-4787 4
1403 ●SNYDER L A 614-237-4771 7
●SNYDER Richard C Dr 614-237-2329 5
1406 ●EDISON Murray D 614-235-4765
1413 ●WEINBERG Harriet 614-338-1986 +1
●WEINBERG Murray 614-338-1986 +1
X SCOTTWOOD RD
1433 ●TYACK Norman G 614-235-4410 9
1438 ●RUBIN Alan J 614-231-5838
●RUBIN Ann 614-231-5838
1441 ●CHASIN F 614-239-1221 ⊕ 0
●CHASIN Irving 614-235-4292 ⊘
1446 ●KNODERER Robt W Dr 614-231-4613 ♦ 5
1449 ●COX Elmer M Dr 614-239-0202
1454 ●SCHWARZ Henry 614-231-8991
1461 ●FINLEY Clovis C 614-237-6784
1462 ●HERBIG Donald H 614-235-6417
X STAFFORD AV
★ 0 BUS 23 RES 2 NEW

SHERIDAN 43223 COLUMBUS

2250 - 2254
CITY OF COLUMBUS
COLUMBUS CSD

2250 ●WHITE Joseph OO +1
X HIGHLAND AV S
2252 ●JOHNSON Brian OO +1
2253 ●STEWART Joseph OO +1
2254 DAVIS L K 614-275-0997 0
●MAYNARD James OO +1
X WHEATLAND AV S
★ 0 BUS 5 RES 4 NEW

SHERIDAN AV 43209 BEXLEY

WEALTH CODE 4 0

565 - 974
CITY OF BEXLEY
BEXLEY CSD

X MAIN E
565 CARSEY T 614-239-8815 +1
●LANTZ Neil OO 8
567 XXXX OO
569 KEYS Robyn 614-237-1123 0
571 XXXX OO
577 ●WAUGH Robt R 614-235-5008
583 ●WINCHELL Michael C 614-235-9065
591 ●BAILEY Alice 614-238-0075 +1
●BAILEY Josh 614-238-0075 +1
597 ●BALENT Thomas R 614-237-7419 0
603 ●SCHUETTE V 614-235-4724
608 XXXX OO
611 ★PRO TECH MARKETING 614-231-5598 9
614 XXXX OO
617 ●SWALLOW Beth 614-231-9279
●SWALLOW Stephen D 614-231-9279
620 XXXX OO
631 FEINKNOPF Mark G Jr 614-231-6055 9
634 XXXX OO
637 ●KUHNER P 614-231-0592
X MOUND E
645 UHRIG Kellie J 614-235-7825 9
●YOUNG Joshua OO 9
647 LIST Andrew 614-235-7321 +1
650 XXXX OO
651 ●BAUER R C 614-235-7194 ⊕
651B MATTHEWS C L 614-237-4567 9
651 PARSLEY Richard 614-235-1926 9
652 XXXX OO
654 KOHLER Rodney J 614-237-9472 6
656 XXXX OO
657 BAILEY G 614-231-6531 +1
658 XXXX OO
662 XXXX OO
663 ●BIRTCHER Joan OO 9
664 TRAN H W 614-235-8803 0
665 FIELDS Timothy 614-235-5151
666 WHEATLEY Wm S Rev 614-237-5119
668 ZOLLARS Adam 614-237-4740 0
672 DOLMAN E 614-235-5641 9
●NELSON Hugh OO 8
672B HURLES Mark 614-231-0984 9
675 MOWERY Jason 614-236-2563 0

. SHERIDAN AV 43209 CONT
676 ●MYERS J R 614-239-0780 7
681 ●DASSEL Ruth OO 8
691 ●HANES Daniel 614-235-9082 ⊕ 9
694 ●ROGERS Hope 614-236-2306 7
●ROGERS J 614-238-2559 9
●ROGERS Joe 614-236-2306 7
700 ...... APARTMENTS
C MERRIMAN Anne M 614-238-1418 +1
●SEFF Alyce OO 8
F THOMPSON Trent S 614-239-4781 +1
E BUSH J 614-239-1466 0
B DAMRON Michelle 614-239-1258 7
B DAMRON Robert 614-239-1258 7
700 ....
701 ●BLAZAR Lawrence OO 9
701D FUGITT R L 614-235-7954 9
701C GEARHART Thos 614-231-9025 4
701B MARR H 614-235-9767 9
707 ...... APARTMENTS
●BLAZAR Carol OO 9
B HADDOX G K 614-238-0787 +1
SMALL Talya L 614-231-5177 +1
D STOLPNER Elena 614-236-0960 +1
C MAYLE Michael W 614-238-0747 0
707 ....
713 ●LANTZ Neil OO 9
714 ●GORDON Jeffrey OO 9
716 KNEAL David F 614-235-1278 9
719 ●LANTZ Neil OO 9
SMITH Stan D 614-237-2371 0
721 MOORE Angela L 614-235-4635 +1
722 ●COGAN Seth OO +1
722B KATZ A 614-238-3902 +1
722A WALD C 614-236-9489 9
727 KAPPAS Mark 614-235-4009 0
732 HUANG Jason 614-338-8593 +1
●MYERS Joan OO 8
734 XXXX OO
735 ●JAMES Gregory OO 9
736 ●WARREN Jeffrey 614-338-1739 7
737 WALLS Timothy W 614-235-1018 2
738 XXXX OO
741 ●LONGSTRETH Craig OO 9
743 LONG Jeremy D 614-235-7771 0
746 JENSEN Paul 614-338-8718 9
●PRINCE Constance OO 8
747 ALLOY Jan Mark 614-237-8122 3
●GILBERT John OO 8
748 BURKE Robert 614-237-5245 7
MARILLEY Suzanne 614-237-5245 7
749 MOLER R H 614-231-8698
751 EVERITT Katrina 614-231-7903 +1
753 FRISON David L 614-238-1456 +1
754 CLARK Kelli D 614-235-5024 0
●COLEMAN Keith OO 9
755 XXXX OO
756 THOMAN L A 614-231-2403 9
759 ●ABRAM Albin OO 8
SHARP M 614-237-1333 6
760 ●DUCATO Debra OO 0
KEYSER E 614-238-1086 +1
761 TAYLOR Robert E 614-235-1801 6
X ASTOR AV
762 NAVORSKA D R 614-235-7360 9
766 ●WOERNER Daniel OO 9
768 XXXX OO
770 ●TRIPP Ellen OO 8
774 ●FINLEY Charles OO 6
775 XXXX OO
776 ROGERS Jody M 614-236-1903 0
777 BESPERSTOV Yurly 614-237-9216 +1
782 ●LEEMAN Bary OO 8
MASON P 614-236-2510 +1
765 MEISSNER Kenneth G 614-235-1794 +1
787 XXXX OO
792 XXXX OO
794 XXXX OO
797 XXXX OO
798 SHARPE David A 614-231-3704 8
●WENGER William OO 8
800 XXXX OO
801 JONES James T Jr 614-239-7222 0
803 RAZA Ali 614-239-9375 +1
TABBSUM Bushra 614-235-7879 9
X SHERIDON PARK CT
804 ●MIDLAM Terry OO 0
806 VLASSOV Omitri 614-237-5174 0
810 VANGYSEL Dale 614-236-0463 +1
VANGYSEL Nina 614-236-0463 +1
●WEISZ Charita OO 8
812B FRIEDMAN Hinda 614-338-8385 +1
B FRIEDMAN Zev 614-338-8385 +1
817 SHAULOV Iosif 614-231-2295 9
818 ●CHESNEY Paul OO 8
819 ALEXANDER L 614-236-9488 +1
820 MARTIN Michael 614-231-3457 +1
824 ●GELDIS Sotenos OO 8
KLUDING Lynne 614-238-3819 +1
826 GELDIS C 614-237-2794
831 XXXX OO
833 RUTHERFORD Harold 614-235-8026 3
834 ●COGAN Seth OO +1
GRILLOT P J 614-237-8585
O'Reilly Paul D 614-237-8585 7
834B SCHIEBER M L 614-239-0742 6
835 CALLAHAN James 614-237-8172 +1
CALLAHAN Lisa 614-237-8172 +1
839 BROWN David Aaron 614-239-6791 +1
840 ●TAROT Kai 614-235-3409
845 XXXX OO
850A FLATEAU Daniel 614-237-7299 +1
850 JACOBS Neil M 614-238-0585 0
●SCHWARZ Candis OO 9
851 ●MITCHELL Jeffrey OO +1
TIEDE Hottinger David 614-237-7598 0
853 MORRIS Allan 614-237-8638 6
856 ●SIX Susan 614-237-2305 7
857 ●MIDLAM Terry OO +1
X VILLAGE CREEK DR
861 ●BENNETT Margaret OO +1
MYERS M L 614-239-6522 7
862 ●LONGSTRETH Craig OO 8
866 ●WADDELL R OO 0
868 XXXX OO
870 DOWELL Rachel 614-238-3463 +1
●JACKSON Brian OO +1
871 ●MORRISON Florence OO 8
872 TURNER Tracy 614-236-9433 +1
873 ●DAWSON Sean OO +1
876 ●MILENKOVICH James OO 8
879 XXXX OO
882 LONG J 614-235-4537 +1
●ROOD Stephen OO 9
884 ROOD Stephen 614-237-0121 9
885 XXXX OO
889 ●SWEENEY Barbara OO 9
THOMPSON H Lee 614-239-7123 3
891 XXXX OO
X CHARLES
896 COOK Sean 614-238-3188 0
898 XXXX OO
899 ●BIGRIGG Wayne 614-237-1746
900 XXXX OO

. SHERIDAN AV 43209 CONT
901 XXXX OO
902 CONDOPOULOS E 614-236-[illegible]
CONDOPOULOS Elizabeth 614-236-[illegible]
905 ●BARTLEY Donald OO
KARR Karen 614-237-[illegible]
908 ●LAKE Greg 614-235-[illegible]
910 GIBSON Frances E 614-237-[illegible]
911 ●HARDY Donald Jr 614-231-[illegible]
912 ●DUCATO Debra OO
914 LESSEM A 614-231-[illegible]
LESSEM David 614-231-[illegible]
915 ●HERSZAGE Scott OO
916 BERECZ Jason 614-239-[illegible]
BERECZ Natalee 614-239-[illegible]
●MAHER Valerie OO
917 XXXX OO
918 MAHER Valerie 614-231-[illegible]
923 ●KING Mark OO
925 XXXX OO
928 ●ELDRIDGE Cynthia OO
931 GRANICK Greg 614-236-[illegible]
GRANICK Kerrie 614-236-[illegible]
●REYNOLDS Charles OO
933 XXXX OO
936 BOND Marcy 614-238-[illegible]
●ELDRIDGE Stephen OO
937 ●LANTZ Neil OO
938 STAUBIN David 614-235-[illegible]
939 PURVIS C 614-231-[illegible]
940 ●BEVARD Dorothy 614-237-[illegible]
943 ●REYNOLDS Charles OO
945 FRAZEE Chris 614-237-[illegible]
HORN M 614-237-[illegible]
946 XXXX OO
948 PRITCHARD Austin 614-246-[illegible]
951 ●DIMMLICH Allen OO
THOMAS Cindy 614-235-[illegible]
THOMAS Jim 614-235-[illegible]
954 HINDERS Julia R 614-235-[illegible]
●WUORINEN John OO
956 GROSELLE John B 614-231-[illegible]
959 ●WHITE Shannon 614-231-[illegible]
960 ●LEEMAN Bary OO
962 APPEL Nancy 614-239-[illegible]
963 ●LIPPERT Donald OO
PAZVOROTNEVA Tatynana 614-236-[illegible]
965 XXXX OO
966 BENSKEY Jos M 614-231-[illegible]
●LIPPERT Ida OO
968 XXXX OO
969 CHELLIS Jane 614-231-[illegible]
●LIPPERT Ida OO
971 XXXX OO
974 BAILEY A J 614-239-[illegible]
●DUCATO Debra OO
976 XXXX OO
X LIVINGSTON AVE
★ 1 BUS 232 RES 52 NEW

SHERIDAN PARK CT 43209 COLUMBUS

WEALTH CODE 4 0

722 XXXX OO
X ASTOR AV
770 BABAR Naseer 614-235-[illegible]
771 XXXX OO
772 SHAULOV Yuri 614-235-[illegible]
773 PORTNOY Viktor 614-239-[illegible]
777 XXXX OO
778 XXXX OO
779 TA Hung M 614-238-[illegible]
780 ADKINS Jennifer E 614-239-[illegible]
783 XXXX OO
785 TASHAYEVA Arfa 614-231-[illegible]
786 BOGINA Yelena 614-231-[illegible]
788 CARPENCO Igor 614-338-[illegible]
789 JUPINKO A H 614-231-[illegible]
791 XXXX OO
792 XXXX OO
793 MA Changqing 614-239-[illegible]
794 MIHAYLOV Vesselin M 614-239-[illegible]
795 ROTH Stuart J 614-235-[illegible]
796 XXXX OO
797 SPEAKS Leandra 614-246-[illegible]
798 MULLERVY Rita N 614-231-[illegible]
801 HUTMAN Burton 614-239-[illegible]
803 SMITH S G 614-338-[illegible]
805 TIPTON Robert 614-235-[illegible]
807 COLLEGE Debra 614-231-[illegible]
809 XXXX OO
811 VASYLENKO Nataliya 614-237-[illegible]
813 DODLEY G 614-235-[illegible]
815 JUNCU Anatolie 614-237-[illegible]
X SHERIDAN AV
★ 0 BUS 30 RES 8 NEW

SHERINGHAM RD 43220 UPPER ARLINGTN

WEALTH CODE 9 0

2090 - 2501
CITY OF UPPER ARLINGTON
UPPER ARLINGTON CSD

X WOODBRIDGE RD
2090 ●THOMAS Duke W Atty 614-451-[illegible]
2095 ●REBER W Barry 614-457-[illegible]
2100 ●BORROR Joanne OO ⊕
2110 ●GERLACH Andrew OO
X WAYBOURN RD
2111 ●PARKER Donald 614-459-[illegible]
●PARKER Z M 614-459-[illegible]
2121 CAMERON Debbie 614-459-[illegible]
●CAMERON Jerry 614-459-[illegible]
2124 ●SCHOFIELD Harley C 614-451-[illegible]
2131 ●TAYLOR Jane OO ⊕
2138 ●ROTHE James R Dr 614-451-[illegible]
2141 ●JONES Brad 614-459-[illegible]
●JONES Jay 614-459-[illegible]
2150 ●ROYALTY Marv 614-457-[illegible]
2151 ●MINOR Daniel 614-457-[illegible]
●MINOR Kathryn 614-457-[illegible]
2161 ●MCKITRICK Chas J 614-451-[illegible]
X WOODHALL RD
2173 ●RINK Richard G 614-451-[illegible]
2185 ★C&C ASSOCS ROOFING REMODELING 614-457-[illegible]
●CANEI Robt A 614-451-[illegible]
2197 ●MOLLMANN Stacy 614-451-[illegible]
2200 ●GIBEAUT William 614-457-[illegible]
2211 ●SAVOFF T 614-451-[illegible]
2212 ●MARTYN Lisa 614-442-[illegible]
●MARTYN Mike 614-442-[illegible]

♦=DO NOT CALL ⊕=DO NOT MAIL ⊘=DO NOT CALL OR MAIL

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

E LIVINGSTON AVE 1981

E LIVINGSTON AV—Contd
A Crozier L
B Cordell M E 253-0250
C Woodliff R 258-4233
D Banks L
1773 Apartments
A Gains Fabienne
B Gainous James 253-0676
C★Bandele K M 252-8685
D Queen Oliver B 252-8605
1777 Apartments
A Murray Norvelle 252-6921
B★Newsome M D 258-3561
C★Mc Gath F K 252-7644
D Gary L S
1787 Holiday Care Center Preschool 258-8455
1800 City Fire Dept (Sta No 15) 221-2345
1808 Donut Hole Of Columbus Inc 258-6735
ZIP CODE 43209
RHOADS AV INTERSECTS
1826 Vacant
1850 Vacant
N & W RY OVER PASS
S NELSON RD ENDS
1882 Lieb's Nite Club Inc restr 253-6234
1883 Vacant
1885 Schall Hardware 258-3228
1889 Buckeye Industrial Supply Co 253-8777
1891 Vern's Auto Parts 252-0749
1909 Vacant
1910 Vacant
1919 Perma-Flex Mold Co ptrn mkrs 252-8034
1925 Gutknecht Construction Co 253-7468
1937 Eastside Shell Car Wash 253-4858
1940 Vacant
1971 Standard Oil Co gas sta 253-8433

310

ALUM CREEK DR BEGINS
I-71 OVERPASS
2063 Diamond Lounge 236-1110
2080 Bank One Of Columbus N A (Br) 265-2390
Sohio Service Sta 236-1374
2087 Rick's Automatic Car Wash 235-6622
2097 Automobile Trader Inc used car 239-8564
2100 Midwest K-9 Academy 237-7752
MAYFIELD PL ENDS
2127 Long John Silver's Seafood Shoppe 235-4800
2130 Sports & Imports 231-7194
Co-Op Service Co remodeling
2133 Wendy's Old Fashioned Hamburgers 235-4693
2135 Sisters Chicken & Biscuits restr 231-0193
2140 Vacant
FERNDALE PL ENDS
2167 Golden Eight Ball billiard 236-9753
2172 Swonger Service Center Inc auto repr 236-8056
2173 State Dept Liquor Control Store No 3 237-4282
2177 College Carry Out 235-5731
2179 Vacant
2181 No Return
2182 Wonder Shield 235-1191
2183 Giantonio Pastry Shoppe 235-8705
Rear Day Enterprises 235-0379
2187 Amateur Radio Sales & Service Co Inc 236-1625
SHERIDAN AV ENDS
2201 Leipzig Haus cocktail lounge 239-7531
2201½ Taylor Bernice 239-7613
2206 Fotomat film developing 231-8677
2210 Domino's Pizza restr 235-8626
2220 Convenient Food Mart 237-0019
2240 Speedway Service gas sta 236-8666
2253 Union Seventy Six Service Station 235-2421
COLLEGE AV INTERSECTS
2260 Speedy Muffler King 231-3011
BERWICK BLVD BEGINS
2295 Bancohio National Bank The (Berwick Br) 463-7665
2300 Woodyard East Chapel funeral home 237-6345
Woodyard Omar R Jr
FRANCIS AV ENDS
2316 Hixson Robt F 237-7821
CASTLEGATE RD BEGINS
2325 Adams Helen L 237-3044
2326★Henry Carolyn J 235-7615
2327 Kearnes John M Mrs 231-8247
2329 Kurson Charles J 231-1556
2331 Price Phyllis
2337 Frye Jane C 231-0820
2338 Graham Clifford S ◎ 231-5505
2339 Tunison Dwight B 237-5370
2341 Watkins Paul
2343 Belhorn Wm J 235-4676
EUCLAIRE AV INTERSECTS
2353 Mangold Jack E 237-1939
2355★Piolata Thos J 237-8078
2357 Cramer Mildred M Mrs 237-1511
2359 Dutton Elvira M 235-2478
2365 Apartments
A Lutz Mildred M Mrs 237-5680
B Murrey Phyllis R Mrs 237-2194
C Smith Terry J 237-6406
D Sunny'smobile Disco 237-7555
2372 Holley M N ◎ 235-0654
2375 Thomas Sandy L 231-4163
2377 Wood Lesa M 231-2498
2379 Gabay W F
2380 Reppert Bruce E ◎ 235-0925
2381 Joseph Delores A 237-7900
2383★Davis Diane B 231-6856
2388★Brumfield Shirley L ◎ 231-1209
S CASSINGHAM RD INTERSECTS
2416 Edmonds Jack F ◎ 235-6812
2419 Vacant
2422 Lehnert Susan M Mrs ◎ 231-3163
2428★Genuske David E 231-0126
2429 Guyton Russell W ◎ 235-4454
MONTROSE AV ENDS
2437 Maurer Clara M ◎ 231-6838
2449 Gartner Philip ◎ 235-7918
2450 Davis Joseph H ◎ 239-0060
2455 Farson Wm D ◎ 231-5036
2456 Goldslager Phillip H ◎ 231-4692
2460 Vaughan Jerry D ◎ 239-9170
2461 Sidwell Edwin S ◎
2466 Williams Thos V
2469 Bethel Charles A ◎ 237-2182
2472 Conning Keith Rev ◎ 231-4644
S REMINGTON RD ENDS
2477 Heller Ernest ◎ 235-0682
2485 Colegrove Robt L ◎ 235-1642
2495 Hebert H Peter ◎ 237-8579
2500 No Return
2506 Evans M J ◎ 235-6997
2509 Cooper Osa W Mrs ◎ 231-1248
2516 Hamer Eileen T Mrs ◎ 231-9377
2517 Columbus Machine Engraving Co plastic product mfrs 231-9455
Snoddy Harold J ◎ 231-4368
2520★Simons John R
VERNON RD INTERSECTS
2525 Michles Stuart J 235-4329
2533 Altermatt Kath L Mrs ◎ 231-4744
2536★Roseberry David W 235-3191
2543 Rappich Ida R Mrs ◎ 231-6663
2554 Bloomfield Jerry Realty & Building Corp 235-0768
Bloomfield Anne M ◎ 235-7927
2555 Rhodes D A 237-9914
2560 Vacant
S ROOSEVELT AV INTERSECTS
2575 Uhlin Robt J dentist 237-3781
2584 Burkhead Esther A Mrs ◎ 231-6903
2585 Ealy Margt C Mrs ◎ 235-6339
2590 Emch Danl D ◎ 237-9099
2591 Truesdell Essie K Mrs ◎ 231-5317
2596 Duffey Robt M ◎ 231-7290
2599 Albert Bernard J ◎ 235-2963
2602 O'Connor John J ◎ 231-1222
2605 Ginley Bernard P ◎ 231-9940
2611 Pierce Jim Realty 231-8877
Pierce James R ◎ 231-8877
GRANDON AV INTERSECTS
2619 Luke Mary E Mrs ◎ 231-4705
2625 Kuhn Sharon L Mrs ◎ 236-0020
2626 Carpenter Raymond M ◎
2632 Rice Margt C Mrs ◎ 237-7105
2638 Krecsmar S 866-9724
2644 Geyer John 236-8149
2650 Durant Alvia L ◎ 231-4188
CHELSEA AV ENDS
BROOKWOOD RD BEGINS
2664 Clemons B ◎ 231-6021
2670★Edgar Michl W 237-8419
2676★Gloeckner Michl J ◎ 235-7907
2682 No Return
2685 Brookwood Presbyterian Church 235-3451
Brookwood Preschool & Family Care 235-8334
2688 Cockerill Marcus M ◎ 235-5377
2696 Wilson Randall 239-9449
2700★Traikovich Dimitar ◎ 231-1883

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KENWICK RD BEGINS
2725 Smith Robt G dentist ◎ 235-6433
2728 Thomas Floyd P ◎ 231-7425
2733 Williams Robt H ◎ 237-6277
2741 Krauss Danl J ◎ 237-1449
2742 Zavodsky Robt J ◎ 231-6058
2748 Winter Genevieve A ◎ 235-6636
2756 Krieg Nellie E 236-4356
2762 Corbett John W ◎ 231-4051
2768 Moore Dorothy R Mrs ◎ 235-7901
2774 Delfino Virginia M Mrs ◎ 231-4600
2777 Christ The King Church 237-0401
2782 Mc Govern Wm R ◎ 231-8968
2788★Bridges Jim ◎ 235-0442
2794 Lechtner M D Mrs ◎ 235-9024
BROWNING AV ENDS
2808 Ryan Robt E ◎ 231-5139
2820 Meuser Gordon F ◎ 231-8334
2826 No Return
2832 Oldfield Vernon P ◎ 231-3539
2840 Bash Cletus E landscape gdnr ◎ 231-3713
KINGSBURY RD ENDS
2852 Quickel Carrie Z ◎ 231-7753
2855 Christ The King School 231-3391
2858 Aneshansley Raymond E ◎ 231-2017
2864 Deutsch Ernest I ◎ 231-4262
2870 Schaffner Harry R ◎ 239-6563
2878 Rohr M K ◎ 231-2667
2882 Draudt Lucille P Mrs ◎ 237-3144
2885 Christ The King School (Addl Sp)
EASTMOOR BLVD ENDS
WELLESLEY DR BEGINS
2895 Ridgeway Clifford
2898 Smith Ralph E ◎ 231-7234
KINGSBURY PL ENDS
S LOWELL RD ENDS
2901 Ford James H ◎
2904 Marmet Dorothy R ◎ 231-7115
2907 Prendergast Edith Mrs 231-3798
2912 Schaffran Rowland ◎ 231-4475
2915 Lewis James C ◎ 235-4107
2916 Luckhaupt L W ◎ 239-9478
2920★Summerfield K 231-0496
2921★Jacoba Donald V 237-7626
2926 Theaumont Sarah C Mrs ◎ 235-9517
KENILWORTH PL INTERSECTS
2927 Smith G Edw ◎ 231-3064
2933 Arledge Russ ◎ 231-0904
2940 Thomas Edw W ◎ 231-2067
2941 Carter I J ◎ 235-0316
2944★James Evelyn
2947★Gilbert Lucius T 236-1404
2960★Regelmeyer A E ◎ 231-2568
2953 Buoni L ◎
2956 Kenney Gerald M ◎ 231-6911
2959 Brown C C ◎ 235-1296
2962 Mc Cabe Edw T ◎ 235-1477
2968 Cruz Dennis J III 236-4271
S KELLNER RD ENDS
2986 Bill's Gulf Service Station 231-3882
2995 Berwick Center Shopping Center
2996 Sam's Place restr 235-0561
2999 Roscoe Cleaners 237-1118
3000 J & L Used Cars 235-0365
3003 Cohagan Hardware Inc 237-5459
3015 Cochran Pharmacies Inc 237-4238
3020 Castles Sohio Service Station 235-8038
S JAMES RD INTERSECTS

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ZIP CODE 43227
S JAMES RD INTERSECTS
3034 Columbus And Southern Ohio Electric Co (Sub Sta)
3050 Berwick Plaza Apartments 237-6405
1 Caves Mary J Mrs
2★Allen Steve
3 Lambert Paul 235-5906
4 King Helen 235-9350
5 Majors Jas 237-9445
6 Adams S F 236-8908
7 Eads James 231-4990
8 Caldwell G 239-8183
9 Twitty
10 Mahlie R Corrine 231-8319
11 Vacant
12 Ross Wm H
14 Vacant
15 Perkin C A
16 Crews Jeanette 237-2434
17★Haller M
18★James A
19 Edison Ralph H 231-9276
20 Wolf Rose M 231-8694
21 Cohen Tobie 231-3768
22 Holland Mabel 235-1895
23 Houseberg S 235-8317
24★Sheinkop N
25 Dillow Ruth B Mrs 231-2930
26 Hunter Eleanor Mrs 231-9778
27 Surber James W 235-9224
28 Deutsch R A 235-7185
29 Scott E Wanda Mrs 237-4770
30 Sauer Martha 235-4614
31 Jackson E 231-2502
32 Gallngan Patricia L
33 Murdock Arth C 236-0020
34★Love C 236-8338
35 Bilen M J 231-8488
36 Wilson Dorothy G 237-4289
37 Ozonoff Ann Mrs
38★Stokes F
39 Montell Mary E 237-5070
40 Anderson B M
41 Marcum Jerry 231-1351
42 Merritt Willie Jr
43 Baldwin Ethel 235-1217
3060 Apartments
1★Bosser P
2 Vacant
3 Mc Dougal R
4 Smith Wm A 237-7583
5★Bryant J
6★Taylor M 235-5865
7★Wilkerson H J 231-3962
8★Tolle S S 237-4721
9 Mantz Richd H 231-4112
10 Morris Ronald L 239-6793
11 Vacant
12 Coleman Jas 237-8071
14 Vacant
15 Davis M R 231-9028
16★Fulter Steve T 235-9297
17 Richie Nelle M Mrs 237-7623
18 Callinan Mary C 231-0289
19★Ferguson Tonya 236-8401
20 Lopper L J 231-8797
21★Lovelace R
22 Jones L 235-1194
23 Browning Shirley
24 Williams Mildred L 231-9555
25★Young N
26 Thomas Timothy L 235-9047
27 Goshen Vera M Mrs 231-9666
28 Cremeans Arydth L 239-1265
29 Krier Gwendolyn M Mrs 235-4469
30 Soto R 239-6723
31 Hearly M C 235-0936
32 Krukanis Veronica B 235-0166
33★Ferguson Ronald C 231-5771
34 Betts R V 231-3891
35 Mayes Donna C 237-6201
36 Powell Mildred M 236-5734
37 Mc Kew Berry D 236-1415
38 Dahnke Flora B 236-1286
39 Ehlendt Kathleen N 236-0360
40★Smith S
41 Vacant
42 Packard L G 235-2694
43★Berridge
3070 Apartments
1★Hill M
2 Holland G
3 Dillard Robt E 237-6200
4★Smith F 231-8946
5 Branch Dorothy M 235-3126
6★Davis D 239-9339
7 Lebeson Sam 237-0145
8★Brown M
9★Watts G
10 Snyder James
11 Sandberg Carl G 237-3406
12 Leiser Edw
14 Mc Ilvay James P 231-0227
15 Best Patricia A 231-5280
16 Vacant
17 Dobson Esther 231-9332
18 Woods Leslie 235-5499
19 Vacant
20 Clark Virginia 235-1367
21★Gilbert W
22★Piper M 236-8365
23 Bee Mary 237-1286
24★Towers W 236-0637
25 Vacant
26 Killia Christine 235-7441
27 Laszcz Cynthia C 231-8986
28 Vacant
29 Thompson Nellie M Mrs 235-6419
30 Stinson Jack 236-5678
31 Collins Charles N
32 Miller W C 231-0631
33★Hutchinson R S 237-3660
34 Payton J 231-9434
35 Carter N 237-7363
36 Azallion M L 231-9186
37★Bossa M
38 Duncan Mary G 231-2123
39 Rosen Herman G 235-3076
40★Pack P
41 Bermejo Antonio 235-9694
42 Fisher L
43 Smith Faye Mrs
3090 Livingston Medical Center Building Co-Op Optical Center 237-0201
Villalon Roberto R phys 237-0177
Wilkes Ronald W dentist 235-7900
Noble's Beauty Salon 236-8220
3094 Apartments
1 Broome Mary A 239-0708
2 Frey Louise A Mrs 231-3954
3 Strapp Frank H 231-5645
4 Smith Dorothy A Mrs 237-9174
5 Krigbaum W J 235-0935
6 Goodman Leon J 236-8500
7 No Return
8 Johnson Hallie B 231-6694
9 Smith Maureen T 231-7521
10★Davis N
11 Wooten James
12 Yaskoff Constance 237-6344
14 French Anita
15★Farley B
16 De Silva
17 Refeld Robt R 237-0594
18 Vacant
19 Krigbaum Gary M
20 Dworkin Leo M 231-5482
21 Fleischler Esther 237-6281
22 Huff Carl V 237-1223
23★Kaising R
24★Caddiff Abr L 235-8897
25 Chester Jane E 237-3242
26 Rayner Ruth P Mrs 237-7709
27 Williams Margt L 231-4962
28 Hansberger G L Mrs 231-3545
29 Cremeans Dolly H 231-7004
30 Krimmel Margt M 235-6964
31 Glatter Fannie 231-4881
32 Richter Margt J 239-7594
33 Friedinghaus Betty M 231-4258
34 Edwards M C 231-0996
35★Kaiser L
36 Carsey X E 231-9813
37 Trapp Ellen 239-6413
38 Dennis Eleanor 236-5978
39 Ardit J G 231-9960
40 Roth Ruth H Mrs 235-1056
41★Merke Mabel B 239-7536
42 Shultz Marjorie F 235-5827
43 Kelly K L 237-5098
44★Ferguson G 239-6589
45 Tanger Neva W Mrs 235-7056
46 Bell H F 231-5983
47 Allen Jean F Mrs 231-4604
48★Brown C
49 Westlake
50★Roush G J 239-9446
51 Hammond A 231-0983

Visiting Hours: Regular Patients 2 P.M. to 8:00 P.M.
Maternity, Husband and Parents Only 3 to 4:00 and 7 to 8:30 P.M.

E LIVINGSTON AV—Contd
1390 Columbus Appliance Service stoves 253-7956
Rear★Miller Frank H 253-1085
1391 Charlie's Place fashion boutique 252-1660
CANEY AL ENDS
1405 Lieb's Bob Bar & Grill restr 253-0743
1409 Livingston Furniture 258-2391
1410 Sav-Mor Cleaners 258-4319
1411 Apartments
A★Beverly Dean
B★Richd Byrd
C Turner Deloris F
D★Curtis Jackson
1413 Art's Sales & Service motorcycles 258-6972
1416 Vacant
1425 Davis Joe Sohio 253-9766

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KELTON AV INTERSECTS
1437 Herb Auto Service repair shop 253-9407
B & B Texaco Serv 253-9407
1440 Little Soul Shack No 2 restr 258-1478
Rear Columbus Mobile Wash 252-9853
1442 Hicks Clayton N optom 253-6069
2 Central Electronic Security Inc 258-2542
1444 Pick Roach candies & nick nack 251-1294
1446 Vacant
1450 Jacob & Son's Auto Clean Up 252-4189
1452 Mercury-Keller TV Sales & Service 258-9577
★Barker A L 252-8756
1452½ Vacant
1455 Vacant
1459 Vacant
1465 Laundromat (Self Serv)
1467 Vacant
1469 Mister Perry's Beauty Parlor 253-7494
1471 B & B Record & Photo Shop 253-6145
1472 Livingston Avenue Dairy Queen ice cream 252-9800
1473 Vacant
1 Vacant
1475 Edmondson Benny E Realty Co 252-8097
Gospel Promotion Company recordings 252-8097
1485 Vacant
LILLEY AV INTERSECTS
1490 Colonel Sanders Kentucky Fried Chicken (Br) 258-7929
1500 Store Equipment Inc 253-7206
BERKELEY RD INTERSECTS
1508 Vacant
1509 Willis Beauty Supply 252-0704
1511 Vacant
1532 Vacant
1534 Vacant
GEER AV INTERSECTS
1535 Vacant
1536 Brown J E 253-3652
1538 Holliman Rosemary D 253-5923
1542 Vacant
1546 Jackson Margt
1548 Andrews Geneva L Mrs © 252-4533
1559 Mister Modernizer Inc contractors home improvements 253-7474
1566 Columbus Public Library (Br) 461-5612
1567 Segel's Drugs 252-6631
1571 Vacant
1572 Vacant
1574 Waddell Ora B Mrs 253-3514
1575 Club Columbus The priv mens club 252-2474
1577 Vacant
1578 Capers Lillie B 258-8503
1580 Combs James E
1582 Cooks Geo H
1583 Furniture Factory Outlet 253-7960
1584 Smith Stanley H 252-5457
1593 Livingston Grill restr 253-0059
1595 Livingston Grill Annex
1598★Jones James H
SEYMOUR AV INTERSECTS
1600 Hicks James B
1604 Vacant
1611 Bill & Russ Used Cars 252-9619
1612 Vacant
1614 Vacant
1615 Vacant
1616★Grant Claude L 252-6060
1617 Vacant
1618 Thomas Anna 252-0167
1619 Jequeta's Foodtown gro 258-2654
1620 Preston Don 258-5090
1622★Carter Michl
1625★Larry Charles Jr 253-1040
1625½ Vacant
1626 Beauty Haven 252-5578
1630★Gordon Jesse 253-2192
1634 E J Grill 258-1973
Rear Albright's Garage auto repr 258-8640
1634½ Vacant
1635 Atco Transmission Service Inc 252-4969
1636½ Vacant
1640 Demmler's Drive In Package Store beer 258-4444
FAIRWOOD AV INTERSECTS
1649 Ingram Sherman 252-7251
1651 Vacant
1653 Vacant
1655 Stevens Theresa Mrs 253-5704
1656 Livingston Court Apts
1a Vacant
2a Vacant
3a Vacant
4a★Johnson Wm L 258-1592
1b★Hairston D
2b Vacant
3b Minor Hazel L 253-2980
4b Vacant
1c★Goodson Brend
2c Vacant (Apts 2c-4c)
1662 Wilder Eliz W Mrs 258-8989
1664★Stalings Barbara F 258-3239
1665 J R Chemical Sup Corp 252-0170
1666 Rogers Mary H 253-4983
1668★Foley Essie
1670★Harden Ervin 252-1530
1671 Apartments
A Ward Pamela Y
B Amann Jacob 252-1282
C★Bowman Charlotte
D Vacant
E★Porter R
F★Smith Ronald
G Darts Bernadine
H★Thomas J
1672 Nixon Alb
1674 Edwards Jacob P 258-1901
1676★Fullen Marilyn
1678 Rice Emmtt R
1680 Coulter Donald G
1681 Rayfield James A © 253-2415
1685 No Return
1688 Apartments
A Vacant
B Laundry Rm
C Vacant
D★Smith K
E Mensah Millicent 253-2537
F★Wright A
G★Banner D
J Carroll Odle
K Lewis Maxine 253-0170
L Gaines James F 253-4341
M Anderson Gracie A
N★Tatum R
P Manns Warfield
Q Bobo Edna E 253-2500
1691 Davis Alvin L 258-7545
1695 Wilson Milton S 258-0790
1697 Broadus Jack P
BULEN AV INTERSECTS
1701 Apartments
1a★Crawford R A 258-5801
1b★Lambert Paul
1c Foster D J 253-8970
1d★Parks Thyria R
1e Vacant
1f Vacant
2b★Kelley G
2c★Franklin K
2d★Kelley R
2e Shannon W B 253-0612
1704 Apartments
A★Berry B
B Laundry Rm
C Vacant
D Carter Betty F 252-5807
E No Return
F Vacant
G Studt Hse
H★Walker S 252-3300
J Studt Hse
K★Patterson J
L Harris Herman S
M Saunders Sharon Y 252-2233
N Vacant
P Vacant
Q Vacant
BULEN AV INTERSECTS
1724 Vacant
1725 Vacant
1730 Vacant
1734 Glove America Corp mfrs 258-9814
Clark Robert A & Son glove mfrs 253-5550
Columbus Glove Company mfrs 253-5591
1744 Driving Park Animal Clinic 252-4353
1745 Rizera Jonita M
1747 Townsend Edw J
1748 Lane Cleaners 258-3217
1753 Harris Realty Co (Century 21) 258-9537
Gemini Insurance Agcy
1754 Apartments
A Vacant
B★Jones K
C★Green D
D Johnson Juan
1757 Arrowhead Service Inc carpet cleaning 253-0090
1760 Apartments
A Boyd Frances G 252-6053
B★Canh Nguyen Thanh
C White Geo R
D Vacant
1763 Econ-O-Wash Lndry & Dry Cleaning self serv
1764 Apartments
A Campbell Colin 252-6030
B Blount Frances 258-3061
C Thompson Isadora M 252-5869
D★Cook J
1768 Vacant
1769 Apartments
A Wilson Fred 258-5860
B Vacant
C Scipio Janis E 252-8989
D★Robinson R
1773 Apartments
A Vacant
B Vacant
C Tuggle A
D Green Oliver B 252-8805
1777 Apartments
A★Young R
B Vacant
C Studt Hse
D Studt Hse
1787 Holiday Care Center Preschool 258-8455
INDUSTRIAL AV INTERSECTS
1800 City Fire Dept (Sta No 15) 221-2345
1808 Donut Hole Of Columbus Inc 258-6735
ZIP CODE 43209
1811 Vacant
1826 Hoffman Container Corporation 252-1975
N &W RY OVERPASS
S NELSON RD ENDS
1850 Intown Rental Center 252-4395
1882 Lieb's Nite Club Inc restr 253-0708
1883 Battery Specialists 258-1916
1885 Schall Hardware 258-3228
Rear Vacant
1889 Buckeye Industrial Supply Co jobber distr 253-8777
1891 Vern's Auto Parts 252-0749
1909 Vacant
1910 Clark Oil Co gas sta 251-1154
1919 Perma-Flex Mold Co ptrn mkrs 252-8034
1925 Bexley Decorating Co Inc 253-5503
1937 Eastside Shell Car Wash 253-4858
1940 Vacant
1941 Shell Car Wash (Self Serv) 253-4858
1971 Standard Oil Co 253-9403

310
ALUM CREEK DR BEGINS
2063 Horseshoe Lounge 236-9443
Boyter Pete
2080 Sohio Service Sta 236-1374
2087 Rick's Car Wash Inc 235-6622
2097 Auto Distributors used car 235-8676
2110 Vacant
MAYFIELD PL ENDS
2127 Long John Silver's Seafood Shoppe 235-4800
2130 Webster A C Plumbing & Heating Inc 231-7112
Cory Coffee Service Inc 235-8673
2133 Wendy's Old Fashioned Hamburger's 235-4693
2140 Getreu Texaco Serv 236-9184
FERNDALE PL ENDS
2167 Golden Eight Ball billiard 236-9753
2172 Webster Garage 231-7020
2173 State Dept Liquor Control Store No 3 237-4282
2177 College Carry Out 235-5731
2179 Kirk's Racing Car Inc 235-5555
2182 Kit Kars Inc 235-1923
2183 Seymour Bakery Inc 235-8705
Rear Eveco Press (offset printing) 237-3170
2187 Amateur Radio Sales & Service sls & serv 236-1625
SHERIDAN AV ENDS
2201 Leipzig Haus cocktail lounge 239-7531
2201½ Taylor Esker 239-7613
2206 Fotomat film developing 231-8677
2210 Domino's Pizza restr 235-8626
2220 Convenient Food Mart 237-0019
2240 Speedway Service gas sta 236-9661
2253 Brownie's Union 76 235-9472
COLLEGE AV INTERSECTS
2260 Berwick Shell Station 235-2421
BERWICK BLVD BEGINS
2295 Bancohio-Ohio National Bank The (Berwick Br) 463-7665
2300 Woodyard East Chapel funeral home 237-6345
★Skinner Edwin R
FRANCIS AV ENDS
2316 Hixson Robt F 237-7821
CASTLEGATE RD BEGINS
2325 Vacant
2326★Nolan Michl J 235-0868
2327 Kearns John A 231-8247
2329 Kurson Charles J 231-1556
2331 Diamond James L 239-7151
2337 Coleman Sara J 231-0820
2338 Graham Clifford S © 231-5505
2339 Tuinson Dwight B 237-5370
2341★Watkins Paul
2343★Gentner Terry G 237-2845
EUCLAIRE AV INTERSECTS
2353 Mangold Jack E 237-1939
2355 Gourley Patk J 235-4254
2357 Cramer Mildred M Mrs 237-1511
2359 Dutton Elvira M © 235-2478
2365 Apartments
A★Lutz Mildred Mrs 237-5680
B★Bellhorn Leanne L 237-8078
C★Posey Julie 231-9701
D★Beckman Meri 236-8216
2372 Holley Alva W © 235-0654
2375 No Return
2377★Scannell Mark T 237-2863
2379★Harris Jack 236-0285
2380 No Return
2381 Joseph Delores A 237-7900
2383★Einhorn Anta 235-1439
2388 Holskey Louie L © 231-1041
S CASSINGHAM RD INTERSECTS
2416 Edmonds Jack F © 235-6812
2419 August Mary M Mrs © 235-9782
2422 Lehnert Susan M Mrs © 231-3163
2428 Newell Roy I ©
2429 Guyton Russell W © 235-4454
MONTROSE AV ENDS
2437 Maurer Adam G © 231-6838
2449 Gartner Phillip W © 235-7918
2450 Davis Joseph 239-0060
2455 Farson Wm D © 231-5036
2456 Goldslager Philip H © 231-4692
2460★Vaughan Jerry D © 239-9170
2461★Martin J M © 237-8163
2466 Buckner Ben K III © 231-6494
2469 Bethel Charles A © 237-2182
2472 Conning Keith Rev © 231-4644
S REMINGTON RD ENDS
2477 Heller Ernest © 235-0682
2485 Colegrove Robt L © 235-1642
2495 Hebert H Peter © 237-8579
2500 No Return
2506 Vacant
2509 Cooper Osa M Mrs © 231-1248
2516 Hamer Harry A © 231-9377
2517 Columbus Machine Engraving Co plastic product mfrs 231-9455
Snoddy Harold J © 231-4368
2520★Bush M A 239-7186
VERNON RD INTERSECTS
2525 Krupp Geraldine Mrs © 231-5857
2533 Altermatt Kath L Mrs © 231-4744
2536 Sposito James M 231-9839
2543 Rappich Peter M © 231-6663
2554 Bloomfield Jerry Realty 235-0768
Bloomfield Jerome P © 235-7927
2560 Bible C Geo © 231-6535
S ROOSEVELT AV INTERSECTS
2575 Dennison Bernard J dentist 237-3781
Dennison Bernard J Jr dentist 237-3781
2584 Burkhead Esther A Mrs © 231-6903
2585 Ealy Margt C Mrs © 235-6339
2590 Vicars Gary V
2591 Truesdell Clarence C © 231-5317
2596 Duffey Robt M © 231-7290
2599 Albert Bernard J © 235-2963
2602 O'Connor John J © 231-1222
2605 Ginley Bernard P © 231-9940
2611 Pierce James R © 237-6786
GRANDON AV INTERSECTS
2619 Luke Mary E Mrs © 231-4705
2625 Kuhn Sharon L Mrs ©
2626 Carpenter Raymond M © 237-4759
2632 Rice Margt C Mrs © 237-7105
2638 Staten Eugene © 237-5728
2644★Wolf Martha A
2650 Durant Alvia L © 231-4188
CHELSEA AV ENDS
BROOKWOOD RD BEGINS
2664★Morgan John P II © 237-7935
2670★Lewis Grant D © 235-9049
2676 Jeffries Michl © 237-5665
2682 Gloeckner Michl © 231-7797
2685 Brookwood Presbyterian Church 235-3451
2688 Cockerill Marcus M © 235-5377
2696 Vacant
2700★Brewer John Mrs 239-6610

336
KENWICK RD BEGINS
2725 Smith Robt G dentist © 235-6433
2728 No Return
2733 Williams Robt H © 237-6277
2741 Krauss Danl J © 237-1449
2742 Flynn Patk J © 231-5189
2748 Winter Genevieve A © 235-6636
2756★Krieg Nellie E 236-4356
2762★Corbett John W
2768 Moore Dorothy R Mrs © 235-7901
2774 Delfino John J © 231-4600
2777 Christ The King Church 237-0401
2782 Mc Govern Wm R © 231-8968
2788 Brown Paul R © 231-7700
2794 Lechtner M E ©
BROWNING AV ENDS
2808 Ryan Robt E © 231-5139
2820 Meuser Gordon F © 231-8334
2826 Saltis Al M 231-6023
2832 Oldfield Vernon P © 231-3539
2840 Bash Cletus E landscape gdnr © 231-3713
KINGSBURY RD ENDS
2852 Quickel Carrie Z
2855 Christ The King School 231-3391
2858 Aneshansley Raymond E © 231-2017
2864 Deutsch Ernest I © 231-4262

LIVINGSTON AVE E 1971

E LIVINGSTON AV—Contd
1311 Mc Effersh Richd L
1314 Whitie's Cafe 252-0386
1314½ Lindig Orval C 258-6305
1315 Songer Ruby I ◎
1316½ No Return
1317 Cooper Irvin E 253-1175
1320 Vacant
1321 No Return
1324 No Return
1325 Rogers Mister Hair Styling Studio 252-0552
1326 Donzella's Beauty Salon 258-3619
1327 Glover's Carry Out 252-7443
1334 Dyer Wm J 258-7747
MILLER AV INTERSECTS
1337 Ivy's Antique Land 252-9898
1338 Follmer Minnie M Mrs ◎ 258-4580
1339 East Side Sea Food Bay 258-2229
1340 Swank Clyde V
1342 Moore John 253-1892
1343 Burgess Arth L Jr acct ◎ 253-6247
1344 Lee John E
1345 Smoot Hilda Mrs 258-2651
1346 Flood Dorothy M 253-4729
1347 Wilson Kay 252-9981
1348 Vogue Beauty Salon 258-2045
1348½ Speight Ida S Mrs 258-4906
Colvin Helen L 258-2356
1350 Zeta Foods 252-3282
MILLER AV INTERSECTS
1351 Ebuns Den 252-9635
1355 Kuehner Ralph F
1361 Gibbs Weird D 258-3192
1362 Shamrock Grill 252-7544
1363 No Return
1364 Rash Kolh D Mrs 258-1439
1369 Burrell Eliz 252-1446
1371 Grimes Margt E
1374 Basham Charles W ◎ 253-1434
1376 Wolford & Clark Sls & Serv stge
1378 Wolford & Clark Sales & Services Inc bicycles 258-8435
1378½ Jennings Harley R
ELLSWORTH INTERSECTS
1381 Vacant
1382 Geyer Nicholas ◎ 252-4484
1385 Keene Fred H
1387 Harvey Geo W ◎ 258-3588
1390 Vacant
1391 Vacant
CANEY AL ENDS
1405 Lieb's Bob Bar & Grill 252-0113
1409 White's Camera Shop 252-5789
1410 Sav-Mor Cleaners 258-4319
1411 Apartments
A Reed Dillard R 252-3280
B No Return
C Vacant
D Evans Franklin E 258-3753
1413 Art's Sales & Service 258-6972
1416 Kroger Co (Br) 253-5242
1425 Sohio Station 252-0350

126

KELTON AV INTERSECTS
1437 B & B Texaco Service Station 252-0676
1440 Deckard's Pharmacy 252-1311
1442 Hicks Clayton N optom 253-6069
1444 Neal Clarence J Jr dentist
1446 Davis Grant Corp ins 252-4931
1450 Ted's Paint & Body Shop 252-4189
1452 Mercury-Keller TV Sales & Service 258-9577
1452½ Phillips Ruth A
1455 Confection Products (Whse)
1459 Confection Products Co Inc vending machs 252-2104
1465 Taylor's Laundromat
1467 Austin Prince
Jackson Victoria M
1469 George's Appliances 253-6881
1471 B & B Record & Photo Shop 253-6145
1472 Livingston Avenue Dairy Queen 252-9800
1473 Hebron Margt M
Peterson Bessie M 252-0079
1475 Capitol Janitor Service & Supply janitorial servs 252-1716
1485 Cook's Sunoco Service Station 252-0629
LILLEY AV INTERSECTS
1490 Colonel Sanders Kentucky Fried Chicken (Br) 258-7929
1500 Pic-Way Self Serv Shoe Mart (Br) 252-0425
BERKELEY RD INTERSECTS
1508 Nation-Wise Auto Parts Store 258-5082
1509 Willis Beauty Supply 258-9333
1511 Peggy's Chateau De Glamour beauty shop 253-6055
1532 Hicks Melba J 252-3578
1534 Lake James T
GEER AV INTERSECTS
1536 Davis Frank 252-4287
1538 Holliman Rosemary 253-5923
1542 Sefferle Florence E Mrs ◎ 252-7168
1546 No Return
1548 Jackson Julia Mrs 252-2950
1559 Crown Battery Co 258-8418
1567 Segel's Drugs 252-6631
1571 Livingston Art Theatre 253-1133
1572 No Return
1574 No Return
1577 Livingston Enterprises Inc sporting gds 258-2511
1578 Capers Lillie B 258-8503
1580 Combs James E 253-0336
1582 Cooks Geo H 253-3393
1584 Gaither Weldon M 253-1902
1593 Livingston Grill 252-0379
1598 Porter Floyd D 252-1048
SEYMOUR AV INTERSECTS
1600 Hicks James B 258-9816
1611 Bill & Russ Used Cars 252-9619
1612 No Return
1614 Bensamin Shulea
1615 Aladdin Press prntg 258-1582
1616 No Return
1617 Satterwhite's Barber Shop
1618 Farmer Carrie Mrs 252-9165
1619 Jequeta's Foodtown gro 258-2654
1620 Gregg Paul C
1622 May Orville H ◎ 253-6563
1625 Sinacola Food Products spaghetti sauce 258-0047
Sinacola Sylvester ◎ 258-0047
Sinacola Frank J
1625½ Jones Riley D
1626 May Orville H barber 253-6563
1630 Lensenmayer Walter N ◎ 253-8229
1634 E & J Grill 252-0219
Rear Albright's Garage auto repr 258-8640
1634½ Bellamy Ira T
1635 Atco Transmission Service Inc 252-4969
1636½ Barber Guy
1640 Demmler's Drive In Package Store beer 258-4444

128

FAIRWOOD AV INTERSECTS
1649 Harris Shirley 252-2008
1651 Temper Sam 253-8932
1653 Boyer Danny P 258-8073
1655 Vokonas Argy S 258-6505
1656 Livingston Court Apts 237-5495
1a Humble Pat
2a Erlend Ronald
3a Poaches Margie
4a Wingram Howard
1b Perkins C
2b Stewart Carol 258-9279
3b Minor Hazel L 253-2980
4b Poindexter Jimmie
1c Rozelle Harold G 258-7002
2c Jefferson Herbert 253-4014
3c White Steve
4c Enoch Arzella Mrs 258-9516
1662 Wilder Eliz
1664 Adams Verna W Mrs 253-8275
1665 Roberts Deanne 252-3995
1666 Stewart Charles 253-1118
1668 No Return
1670 Graves Anne G
1671 Apartments
A Eggleton Edw
B Amann Jacob 252-1282
C Williams Derrick L 252-9174
D Vacant
E Graves Wm B 258-8042
F Johnson J H
G Vacant
H Yates Margt H
1672 No Return
1674 Holman Thos J 258-5806
1676 Smith Ronald H 253-6068
1678 Ware Edw D
1680 No Return
1681 Kennedy Lee R Jr chiropractor ◎ 252-7580
1685 Vacant
1687 Whittaker Bernadine 258-5141
1688 Apartments
A Akers Robt L 258-3035
B Vacant
C Mc Dowell Kenneth C 258-7244
D Sturgess Robt J
E Nelson Brian
F No Return
G Rice Emmett R 253-9865
H Ford Barbara A
J Logan Lee
K Robinson Lawrence O 253-0266
L Turner Ruby L 253-5717
M Wilson M S
N Vester Harold B
P Washington Wm
Q Weekes James 252-2689
1691 Green Jimmie B ◎ 253-6753
1695 Penman Judith
1697 No Return
BULEN AV INTERSECTS
1701 Apartments
1a Ellis David
1b Lee Willie 258-2405
1c Vacant
1d Knoefer Bernie
1e Traylor Mamie 252-8213
1f Foster Marcia A
2a Garnes Clarence J
2b Vacant
2c Mc Cullough Aaron
2d Maxwell Olenda C 253-1476
2e Cannady S R
2f Simmons Sandra 253-7185
1704 Apartments
A Vacant
B Vacant
C No Return
E No Return
F Mosley Everett V 258-5572
G No Return
H Bryant Carol
J Edwards Charles C 258-4652
K Mattox Thos H 253-4073
L Winfield Kath T 253-2660
M No Return
N Coleman Lawrence
P No Return
BULEN AV INTERSECTS
1724 No Return
1725 Hi-Fy Gasoline Station 252-0611
1730 No Return
1734 United Business Service Inc duplicating machs 253-8535
1744 Driving Park Animal Clinic 252-4353
1745 Rivera Tonita Mrs
1747 Townsend Edw J 258-6514
1748 Lane Cleaners 258-3217
1753 Washington National Insurance Co 258-8884
1754 Apartments
A Pruitt Robt L
B Stewart Bobbie L
C Lynn Al 252-2537
D Richmond James 252-8722
1760 Apartments
A Lauderdale Ronald
B Butler Harold
C Chambers Richd M
D Crawford Elaine M
1763 Bright Spot Ladry & Dry Cln 252-9377
1764 Apartments
A Campbell Colin
B Owens Wareline Mrs
C No Return
D Bush D
1768 M D M Tire Sales Inc 253-8450
1769 Apartments
A Pettiford Andrew R
B Love Paul J
C Vacant
D Thomas J R
1773 Apartments
A Mayo Ethel L
B Burton Geo M
C Early James A
D Queen Oliver B 252-8805
1777 Apartments
A Watkins Robt
B Moore Carlotta
C Price Louis V
D Mc Ginnis Gloria
1787 Sportsmen's Center sporting goods 253-5355
INDUSTRIAL AV INTERSECTS
1800 City Fire Dept (Sta No 15)
1808 Donut Hole Of Columbus Inc donut shop 258-6735
ZIP CODE 43209
1811 Diamond R Ice Cream 258-0649
1826 Vacant
1850 Blue Diamond Paving Co 258-8424
N &W RY OVERPASS
S NELSON RD ENDS
1882 Lieb's Nite Club Inc restr 252-0570
1883 Shalimar Cafe Inc 252-0343
1885 Schall Hardware 258-3228
Rear Vacant
1887 Vacant
1889 Buckeye Industrial Supply Co jobber distr 253-8777
1891 Berwick Carry Out beer 252-0164
1909 Vacant
1910 Clark Oil Co gas sta 252-0554
1919 Perma-Flex Mold Co mold mkrs 252-8034
1925 Bexley Decorating Co Inc 253-5503
1931 Auto Trader Inc used cars 258-9571
1940 Burger Boy Food-O-Rama (Br) 258-6307
1941 Flamingo Bar 252-0623
1971 Standard Oil Co gas sta 252-0403

310

ALUM CREEK DR BEGINS
2063 Golden Horseshoe Cocktail Lounge 236-9443
Matan Claudia
2080 Humble Oil & Refining Co (Br) gas sta 236-9328
2087 Rick's Car Wash Inc 235-6622
2097 Byers Geo Sons Inc used cars 237-3743
2110 Scott's Shirt Laundry 235-4441
U Drive-It Car Wash Inc
MAYFIELD PL ENDS
FERNDALE RD ENDS
SHERIDAN AV ENDS
2130 Webster A C Plumbing & Heating Inc 231-7112
Webster J R Insurance Claim Service 235-2318
2133 Burger Boy Drive In restr 231-4593
2140 Getreu Texaco Serv 236-9184
FERNDALE PL ENDS
2167 Golden Eight Ball billiard 235-3377
2172 Webster Garage 231-7020
2173 State Dept Liquor Control Store No 3 237-4282
2177 College Carry Out 235-5731
2179-81 Rod Shop 237-0217
2182 Martin & Sons Sunoco Service Station 236-9183
2183 Seymour Bakery Inc 235-8705
Rear Eveco Press (offset printing) 237-3170
SHERIDAN AV ENDS
2201 Institute Of Human Understanding sch 235-4178
2201½ Vacant
2210 Vacant
2220 Convenient Food Mart 237-0119
2240 Swongers Marathon Service Station 231-0144
2253 J & A Union 76 236-9329
COLLEGE AV INTERSECTS
2260 Berwick Shell Station 236-9644
BERWICK BLVD BEGINS
2295 Ohio National Bank The (Berwick Br) 462-2605
2300 Woodyard East Chapel funeral home 237-6345
Woodyard Omar R Jr ◎ 237-6345
FRANCIS AV ENDS
2316 Porterfield Patricia
CASTLEGATE RD BEGINS
2325 Eckelberry Ruth S Mrs 235-9177
2326 Sherman Jack A 231-0861
2327 Eaton Marian Mrs 235-1095
2329 Kurson Charles J 231-1556
2331 Logan Cleo S Mrs 235-9573
2337 Courtright Dean 237-7202
2338 Graham Clifford S ◎ 231-5505
2339 Johnson Carol L Mrs 237-5370
2341 Jones Thos W 235-9503
2343 Goldberg Renee Mrs 231-3263
EUCLAIRE AV INTERSECTS
2353 Mangold Jack 237-1939
2355 Lee Charles R 237-6579
2357 Cramer Mildred M Mrs 237-1511
2359 Dutton Elvira M 235-2478
2365 Apartments
A Ott Werner
B Blackburn Larry D 236-1357
C Scott Janet 235-4028
D No Return
2372 Holley Alva W ◎ 235-0654
2375 Bonasera Thos J 231-9213
2377 Oremus Fredk L 231-9055
2379 Ross Rodney L
2380 Dollmatsch J David ◎ 237-2243
2381 Joseph Delores A 237-7900
2383 Einhorn Antal 235-1439
2388 Holskey Louie L ◎ 231-1041
S CASSINGHAM RD INTERSECTS
2416 Edmonds Jack F ◎ 235-6812
2419 August Horst W ◎ 235-9782
2422 Lehnert Robt A ◎ 231-3163
2428 Newell Roy I ◎
2429 Guyton Russell W ◎ 235-4454
MONTROSE AV ENDS
2437 Maurer Adam G ◎ 231-6838
2449 Gartner Philip W ◎ 235-7918
2450 Gossett Raymond E ◎ 237-0150
2455 Farson Wm D ◎ 231-5036
2456 Goldslager Philip H ◎ 231-4692
2460 Hudgens G F ◎ 236-1204
2461 Harrison Kaythe C Mrs ◎ 231-4791
2466 Buckner Benj F Jr ◎ 231-6494
2469 Bethel Charles A ◎ 237-2182
2472 Conning Keith Rev ◎ 231-4644
S REMINGTON RD ENDS
2477 Heller Ernst ◎ 235-0682
2485 Colegrove Robt L ◎ 235-1642
2495 Hebert H Peter ◎ 237-8579
2500 Weaver Melvin E ◎ 237-1445
2506 Hamilton J Robt ◎ 231-5270
2509 Cooper Luther M ◎ 231-1248
2516 Hamer Harry A ◎ 231-9377
2517 Columbus Machine Engraving Co plastic product mfrs 231-9455
Snoddy Harold J ◎ 231-4368
2520 Mathews Helen L
VERNON RD INTERSECTS
2525 Krupp Neil W ◎ 231-5857
2533 Altermatt Albert B ◎ 231-4744
2536 Sposito James M 231-9839
2543 Rappich Peter M ◎ 231-6663
2554 Bloomfield Jerome P ◎ 235-7927
2560 Bible C Geo ◎ 231-6535
S ROOSEVELT AV INTERSECTS
2575 Dennison Bernard J dentist 237-3781
Dennison Bernard J Jr dentist 237-3781
2584 Burkhead Esther A Mrs ◎ 231-6903
2585 Ealy Margt C Mrs ◎ 235-9541
2590 No Return
2591 Truesdell Clarence C ◎ 231-5317
2596 Duffey Robt M ◎ 231-7290
2599 Albert Bernard J ◎ 235-2963
2602 O'Connor John J ◎ 231-1222
2605 Ginley Bernard P ◎ 231-9940
2611 Pierce James R ◎ 237-6786
GRANDON AV INTERSECTS
2619 Luke Mary E Mrs ◎ 231-4705
2625 Kuhn Sharon L Mrs ◎ 231-5278
2626 Carpenter Raymond M ◎ 237-4759
2632 Rice Raymond A ◎ 237-7105
2638 Staten Lugene ◎ 237-5728
2644 Wolf Marian F ◎ 231-5177
2650 Durant Alvia L ◎ 231-4188
CHELSEA AV ENDS
BROOKWOOD RD BEGINS
2664 Roth Fred A ◎ 237-6552
2670 No Return
2676 Munsell Dorothy S Mrs ◎ 237-2355
2682 Smurr Lucille M Mrs ◎ 231-7748

54 E. Gay, Columbus, Ohio 43215

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

LIVINGSTON AVE E 1965

LIVINGSTON AV EAST (SE DIV)--
CONTD
APARTMENTS--CONTD
K VACANT
L NYE HUBERT F 253-3038
M VACANT
N NO RETURN
1695 PHILLIPS IVOR K 252-7101
1697 COYNE CLAUDE A
---BULEN AV INTERSECTS
1701 APARTMENTS
1A MC NEAL ROBT 258-4646
1B BOTTS ROBT C 253-1288
1C BRUNSTEIN SOPHIE
1D FURMAN ALLEN F
1E VACANT
1F VACANT
2A NO RETURN
2B GREER DOROTHY A MRS
253-2435
2C TODD SHIRLEY A 253-6763
2D ENIS EVELYN 252-5877
2E VACANT
2F DUNBAR LEO 258-5798
1704 APARTMENTS
A WEIGERT HEINZ
B VACANT
C VACANT
E CARTER BOB
F MC NULTY ALICE L
G HANE CARLENE R CL3-8020
H VACANT
J MILLER BERNARD D
252-4617
K MIGHT CLYDE M CL2-8897
L PIERSON EARL
M LOWE WOODROW E 253-3873
N TURLEY RUTH CL8-5835
---BULEN AV INTERSECTS
1724 NO RETURN
1725 HI-FY GASOLINE STATIONS
INC GAS STA CL2-0611
1730 HACKENBERG GEO D ●
CL2-8245
1734 RICHFIELD CONSTRUCTION CO
BLDG CONTR 253-7906
1744 DRIVING PARK ANIMAL
CLINIC CL2-4353
1745 SCHAAL DAVID H LBR ●
253-2373
1747 KNEPSHIELD JOHN D
252-8258
1748 LANE CLEANERS 258-3217
1753 WASHINGTON NATIONAL
INSURANCE CO INS
258-8884
1754 APARTMENTS
A KENNEDY DAVID
B GRAHAM CLIFFORD
C NO RETURN
D VEACH ARTH
1756 ECON-O-WASH LAUNDRY & DRY
CLEANING COIN OPR LNDRY
1757 LAWSON MILK CO (DIV OF
CONSOLIDATED FOODS)
258-0315
1760 APARTMENTS
A SIX MARVIN
B CUNNINGHAM DEAN
C FISHER NINA M MRS
253-5888
D LOGAN BARBARA
1763 LIVINGSTON LNDRY & DRY
CLN 252-0520
1764 APARTMENTS
A HUGHES JOSEPH
B BLACKBURN CARL
C NO RETURN
D NO RETURN
1768 CLAGGETT ELECTRIC CO
258-8455
1769 APARTMENTS
A VACANT
B DE GRAY ARNETTA W
C JACOBS GEO E 253-2956
D VACANT
1773 APARTMENTS
A REICHERT JAMES
B VACANT
C STEVENSON KATHARINE L
CL2-3687
D VACANT
1777 APARTMENTS
A GIESEY BRANSON
B PAYNE THELMA MRS
258-1796
C ENGLAND JACK 253-2133
D BUERY THOS C
1787 SPORTSMEN'S CENTER
253-5355
---INDUSTRIAL AV INTERSECTS
1808 DONUT HOLE OF COLUMBUS
INC DONUT SHOP 258-6735
1809 LIVINGSTON & RHODES SHELL
SERV GAS STA 252-0125
---ZONE 09
1826 FARM CREST BAKERIES INC
252-1138
1850 BLUE DIAMOND PAVING CO
BLACKTOP DRIVEWAY
258-8424
---N & W RY OVERPASS
---S NELSON RD ENDS
1882 LIEB'S NITE CLUB INC
RESTR 252-0570
1883 SHALIMAR CAFE INC
252-0353
ALUMINUM ALLOYS CO
252-7885
CASH-WAY MOULDINGS CO
(DIV OF ALUMINUM ALLOYS
CO) 252-7885
1885 SCHALL HARDWARE RETAIL
CL8-3228
REAR HARRIS COAL YARD VENDOR
1886 VACANT
1889 BUCKEYE INDUSTRIAL SUPPLY
CO MILL SUP 253-7497
1891 BERWICK CARRY OUT BEER
253-8113
1909 BARGAINLAND U S A GENL
MDSE 252-2113
1919 PERMA-FLEX MOLD CO PTRN
MKRS 252-8034
1925 BEXLEY DECORATING CO INC
253-5503
1931 VACANT
1941 MILANO'S PIZZA 258-7300
1971 MOCK SOHIO CL2-0365
1988 CUMMINGS PAUL A
2000 VACANT

310
---ALUM CREEK DR BEGINS
2063 SIMMONS & SON INC AUTO
USED 235-4443
2080 MARSH'S HUMBLE OIL GAS
STA 231-0328
2087 MINIT-MAN AUTOMATIC CAR
WASH INC (BR) BE1-0164
2097 MAYERS LEX CHEVROLET INC
(USED CAR DEPT) 231-4501
2110 SCOTT'S SHIRT LAUNDRY
BE5-4441
---MAYFIELD PL ENDS
---FERNDALE RD ENDS
---SHERIDAN AV ENDS
2130 WEBSTER A C PLUMBING &
HEATING BE1-7112
2133 BURGER BOY DRIVE IN RESTR
BE1-4593
2140 GETREU TEXACO SERV
231-0184
---FERNDALE PL ENDS
2167 ROSATI'S SUPER MARKET
BE7-5419
2172 WEBSTER GARAGE AUTO REPR
BE1-7020
2177 MIDLAND GUARDIAN
ACCEPTANCE CO 237-8411
2182 MILLER'S SUNOCO SERVICE
STATION BE1-0101
2183 SEYMOUR BAKERY CO
231-3659
---SHERIDAN AV ENDS
2201 GOLDEN HORSESHOE RESTR
237-8555
2201½ LEPPER B R CONSTN CO
237-6983
2203½ VACANT
2253 J & A PURE OIL BE1-0329
---COLLEGE AV INTERSECTS
2260 BERWICK SHELL SERVICE
BE1-0127
---BERWICK BLVD BEGINS
2286 WOODYARD OMAR R JR ●
237-6345
2295 OHIO NATIONAL BANK
(BERWICK BR) 231-2724
2300 WOODYARD EAST CHAPEL
FUNERAL HOME 237-7345
---FRANCIS AV ENDS
2316 BROOKE MARY E ● BE1-7759
---CASTLEGATE RD BEGINS
2325 HOMRIGHOUSE FLORENCE M
MRS BE5-7150
2326 BEARROW WM L
2327 NIEMANN BERTHA M 235-0038
2329 KURSON CHARLES J 231-1556
2331 SMITH JOSEPH F BE7-1196
2337 HALF SHIRLEY M MRS
BE1-0028
2338 GRAHAM CLIFFORD S ●
BE1-5505
2339 MINDELL JULES BE5-0501
2341 MC CUNE VIVIAN P MRS
BE5-6494
2343 GOLDBERG RENEE MRS
BE1-3263
---EUCLAIRE AV INTERSECTS
2353 MANGOLD JACK BE7-1939
2355 DEMENT DALE R BE7-9219
2357 BEECHER PAUL
2359 DUTTON ELVERA MRS
BE5-2478
2365 APARTMENTS
A DOERSAM VERA M MRS
BE1-8987
B JOHNSON CAROL L MRS
BE5-4153
C GILL LOUELLA 237-6547
D GLUCK PETER BE1-8632
2372 HOLLEY ALVA W ● BE5-0654
2375 NORVIEL CAROL A 231-7448
2377 THOMAS DANNY 235-6829
2379 WINTERS MARY L 235-7061
2380 PACKARD PLUMBING &
HEATING BE1-8708
PACKARD JAMES L ●
BE1-8708
2383 EINHORN ANTAL 235-1439
2388 HOLSKEY LOUIE L ●
BE1-1041
---S CASSINGHAM RD INTERSECTS
2416 EDMONDS JACK F ● BE5-6812
2419 COLLINS MILDRED MRS ●
BE5-2137
2422 LEHNERT ROBT A ● BE1-3163
2428 NEWELL ROY I ●
2429 GUYTON RUSSELL W ●
BE5-4454
---MONTROSE AV ENDS
2437 MAURER ADAM G ● BE1-6838
2449 GARTNER PHILIP W ●
BE5-7918
2450 GOSSETT RAYMOND E ●
237-0150
2455 FARSON WM D ● BE1-5036
2456 GOLDSLAGER PHILIP H ●
BE1-4692
2460 JEGLENSKI WM ●
2461 HARRISON KAYTHE C MRS ●
BE1-4791
2466 BUCKNER BENJ F JR
2469 BETHEL CHARLES A ●
BE7-2182
2472 CONNING KEITH REV ●
BE1-4644
---S REMINGTON RD ENDS
2477 HELLER ERNST ● BE5-0682
2485 COLEGROVE ROBT L ●
BE5-7079
2495 HEBERT PETER ●
2500 WEAVER MELVIN E ●
BE7-1445
2506 HAMILTON J ROBT
2509 COOPER LUTHER M ●
BE1-1248
2516 HAMER HARRY A ● BE1-9377
2517 COLUMBUS MACHINE
ENGRAVING CO PLASTIC
PRODUCT MFRS BE1-9455
SNODDY HAROLD J ●
BE1-4368
2520 WREN BRUCE I ● 237-6568
---VERNON RD INTERSECTS
2525 KRUPP NEIL W ● 231-5857
2533 ALTERMATT ALBERT B ●
BE1-4744
2536 ADAMS CHARLES L ●
BE1-0835
2543 RAPPICH PETER M ●
BE1-6663
2554 BLOOMFIELD JEROME P ●
BE5-7927
2555 SCOHY JOHN B ● BE5-6716
2560 BIBLE C GEO ● BE1-6535
---S ROOSEVELT AV INTERSECTS
2575 DENNISON BERNARD J ●
235-4830
2584 BURKHEAD ESTHER A MRS ●
BE1-6903
2585 EALY HAROLD V ● BE5-9541
2590 JUDD PHILLIP L ● BE1-7340
2591 TRUESDELL CLARENCE C ●
BE1-5317
2596 DUFFEY ROBT M ● BE1-7290
2599 ALBERT BERNARD J ●
BE5-2963
2602 O'CONNOR JOHN J ●
231-1222
2605 GINLEY BERNARD P ●
BE1-4120
2611 NAPOLEON HILL ACADEMY
237-6786
PIERCE JAMES R ● 231-9195
---GRANDON AV INTERSECTS
2619 HAMMON MARY A MRS ●
BE1-4705
2625 GORRAS LOUIS P ● BE1-5278
2626 GIBBONEY JOSEPH D ●
237-3972
2632 RICE RAYMOND A ● BE7-7105
2638 CAULKINS FLORENCE V MRS ●
231-6354
2644 WOLF MARIAN F ● BE1-5177
2650 DURANT ALVIA L ● BE1-4188
---CHELSEA AV ENDS
---BROOKWOOD RD BEGINS
2664 MC CONNELL CAMPBELL L
237-8227
2670 VACANT
2676 MUNSELL JOHN W ● BE7-2355
2682 SMURR NOBLE V ● BE1-7748
2685 BROOKWOOD PRESBYTERIAN
CHURCH 235-3451
2688 COCKERILL MARCUS M
2696 JAY MINNIE P MRS ●
BE1-3142
2700 WALKER RICHD L 235-2968
---KENWICK RD BEGINS
2725 SMITH ROBT G DENTIST ●
235-6433
2728 BITZER JOSEPH E ●
237-8071
2733 WILLIAMS BOB H 237-6277
2741 KRAUSS DANL J ●
2742 OLOFIELD VERNON P ●
BE1-2928
2748 WINTER GENEVIEVE A ●
BE5-6636
2751 STEVENSON SUE C MRS ●
BE1-3719
2756 DESMOND MARY E MRS ●
BE7-4187
2762 FLYNN GERTRUDE T MRS ●
BE1-7598
2768 MOORE DOROTHY R MRS ●
235-7901
2774 DELFINO JOHN J JR ●
BE1-4645
2782 MC GOVERN'S FLOORS
BE1-2472
MC GOVERN WM R ● BE1-2472
2788 BROWN PAUL R ● BE1-7700
2794 LECHTNER RAYMOND J ●
237-7355
---BROWNING AV ENDS
2808 RYAN ROBT E ● BE1-5139
2820 MEUSER EVELYN ●
2826 BRESKE BERNICE L MRS ●
BE1-4350
2832 RIDGWAY VERNON J ●
BE1-3539
2840 BASH CLETUS E LANDSCAPE
GDNR ● BE1-3713
---KINGSBURY RD ENDS
2852 RAU ELNORA E MRS ●
BE1-3859
2858 ANESHANSLEY RAYMOND E ●
BE1-2017
2864 DEUTSCH ERNEST I ●
BE1-4262
2870 LINDSEY WILBUR D ●
BE1-7620
2878 ROHR MARY K ● BE1-2667
2882 DREUDT LOUIS W BE7-3144
2885 CHRIST THE KING ROMAN
CATH CHURCH
SCHWENDEMAN FRANCIS J REV
237-0401
2887 CHRIST THE KING SCHOOL
231-3391
---EASTMOOR BLVD ENDS
---WELLESLEY DR BEGINS
2895 MONTELL JOHN J ● BE1-2424
2898 SMITH RALPH E JR ●
BE1-7234
---KINGSBURY PL ENDS
---S LOWELL RD ENDS
2901 FLEISCHER ALBERT A ●
BE1-0620
2904 MARMET DOROTHY R ●
BE1-7115
2907 KULP FRANK E ● BE1-9418
2912 SCHAFFRAN ROWLAND R ●
231-4475
2915 THOMSON GEO H ● BE1-4118
2916 CANNON ETHEL L MRS ●
BE1-7765
2920 KALTENECKER HEDWIG C MRS
● BE7-1200
2921 YOUMANS MARY M MRS ●
BE5-5151
2926 WERNICKE KARL A ●
235-6339
---KENILWORTH PL INTERSECTS
2927 SMITH GEO E ● BE1-3064
2933 SOUTHWORTH CHARLES R ●
BE5-5408
2940 THOMAS EDW W ● BE1-2067
2941 STEIN CLEM ● BE1-1006
2944 MC GEE W A ● 237-5181
2947 PAGE WM K ● BE1-7477
2950 KEGELMEYER ALMA E MRS ●
231-2568
2953 RICE HOMER ● 237-5235
2956 KENNEY GERALD M ●
231-6911
2959 SCHOLL ANNA H MRS ●
BE5-1296
2962 MC CABE EDW T ● BE5-1477
2968 ROEBUCK VERNICE B ●
BE5-0081
---S KELLNER RD ENDS
2986 GLICK'S GULF SERVICE
STATION BE1-0225
2995 KROGER CO (BR) GRO
BE5-0094
2996 EMBERS THE RESTR BE1-0457
2999 ROSCOE CLEANERS 237-1118

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

LIVINGSTON AVE E 1960

LIVINGSTON AV E (SE Div)—Contd
1028 Wigginton Bernice D Mrs ⓞ
1029 Resch's Bakery
1030 Wigginton Wilbur L
1031 Bloom's Fruit Mkt
1033½ Morton Fred
1035 Sears Radio & Television Sls & Serv
1036 Spang Edw
Wolfe Dave
S Champion av intersects
1041 Reeb's Restr
1043 **Apartments**
A Ballenger Edw
B Parrish Leah
C Harper Paul C
D Jenkins John H
Street continued
1049 Ayres W E Variety Store
1052 Higgins Texaco Service gas sta
1056 Bevan Richd
1056½ Collins Roscoe F
1057 Langen M & Son Roofing Co
Langen John L ⓞ
1058 Buckeye Hydo-Therapy Studio
1060 Vacant
1061 Smith Des F ⓞ chiropractor
1062 Jones N R Carpet Co ret sls
1064 Vacant
1065 Triscary John Ins Agcy
Triscary John ⓞ
1065½ Vacant
1066 Bartholomew Plmb & Htg
1068 Nate's Barber Shop
1069 Boss Edmond ⓞ uphol
1070 Hartupee Arth A dentist
1071 Gutter Philip ⓞ telev serv
1072 Kunkler Roy
Ades Edward D
Hammond Alta M
1076 Armen Nellie Mrs ⓞ
1077 Shusterman Donald A dentist
Cory Clara S Mrs lwyr
Driggs Kenneth E jr dentist
1079 Clausing Bill Inc beer
1080 Christman Lawrence E ⓞ
1081 Ed's Tavern
1089 Sun Drugs
Oakwood av intersects
1092 Pre-Fab Specialty Products Inc storm doors
1093 Troxel Albert D jr dentist
1094 Swan Super Clns Inc (br)
1094½ **Apartments**
1 Robinson Geo W
2 Byers Leonard W
3 Kelchner Faye J Mrs
4 Vacant
5 Vacant
6 Robinson Alvin I
7 Vacant
8 Vacant
9 Vacant
10 Vacant
Street continued
1096 Crawdad Hole live bait
1097 Baker Richd E barber
Chenko John S
1097½ Vacant
1098 Stertzer Decorating Inc
1099 Vacant
1099½ Vacant
1100 Black Hugh C shoe repr
1103 Cohagan Hdw
1107 Renner Russell F
1108 Lee's Spaghetti Hse restr
rear Harris Everett
1108½ Barnes Edith M Mrs
1109 Simmons Judson H ⓞ
1110 Bell Vernon D
1110½ Sayre Jean
1111 Cassell Forest J
Walton av ends
1115 Richards Jack W
1118 Higgs Delphia L
1120 Zartman Karl E
1121 Donohoe Wm C ⓞ
1124 McCarren Richd L bldg contr
1125 Collier Paul
1127 Brier Florence Mrs gro
1129½ Bickel Nellie M Mrs
Valero Frank
1130 Vacant
1134 Sam's Store clo
1134½ Fields Chas C
1135 Vacant
1136 Briggs Robt A
1136½ Kent Franklin R
1138 Baucum Bailey J
Wilson av intersects
1149 Gray Arth H ⓞ
1150 Shephard Grace W
1151 Bushman Chas C ⓞ
1152 Jordan Gladys P
1153 Schumacher Edw R phys
1154 Day Stella
1156 DeVoll Chas E
1157 Theaumont Harry ⓞ
1157½ Bickhard Earl
1160 Catalfino Anthony J ⓞ
1165 Lewis Alvin C
1165½ Cremeans Franklin
Martin Harold A
1166 Reincheld John J ⓞ carp
1167 Wanda's Beauty Salon
Andy's Barber Shop
Apartments
C Levy David
D Downey John E
E Vacant
F Dress Wilford
Street continued
1169 Schmidt Louise E ⓞ
1170 Kerstein Sarah Mrs ⓞ
1174 Finn Aaron
1176 Feinstein Rebecca Mrs ⓞ
1178 Taggart Richd C ⓞ
1181 Metzger Robt J ⓞ
1183 Croft Leo D
1186 Holzer Carl D
1188 Willhite Silas A
1190 Catalfino Cecelia Mrs
1192 Guilematto Josephine Mrs ⓞ
124
Linwood av intersects
1200 Fry Edgar A ⓞ phys
1205 Abbott Margt Mrs
1209 Briggs Ardell
1210 Fritz Geo E
1212 Jones Howard I ⓞ
1213 Gunning Wade J
1215 Bledsoe Robt W
1217 Berry Loretta M Mrs ⓞ
1219 Berry P Raymond
1220 **Apartments**
1 Franks Daisy M Mrs
2 Reser Robt F
3 Reser John R
4 Sauerbrun Ella A Mrs
Street continued
1221 Blanpain Stella L Mrs
1225 Marvin Cliff L trucking
1226 Hawy Ferris A ⓞ
1229 McCall Harry ⓞ
1232 Middendorf Laura G Mrs ⓞ
1232½ Cottrill Harold
1233 Fisher Jerome ⓞ
1233½ Vacant
1237 Lopper Morris ⓞ
1237½ Zimpfer Raymond F
Bedford av ends
Studer av begins
1242 Dill Harry H ⓞ
1250 **Apartments**
1 Hill Harry R
2 Sims Foster M
3 Woodruff Herbert J
4 Smith Ruth L
Street continued
1254 Adkins Glover ⓞ
1257 Weiss Ray L
1258 Bausch Rose Mrs
1259 Vacant
1261 Shoemaker Etta W Mrs ⓞ
1261½ Dombroski Chester
1265 Arnold Charlotte E
1267 Vacant
1269 Lawyer Harold F
1271 Colville Geo P rofer
Kimball Place av ends
1289 Clark's Shell Serv Sta
Bohnnon Rent-A-Car Co
1292 Klotz Dora V Mrs ⓞ
Lockbourne av intersects
1300 Vacant
1301 Art's Gulf Sevice
1302 Vacant
1304 Roscoe Clns clo clns
1308 Williams Dana M
1311 Vacant
1314 White's Cafe
1314½ Lindig Orval C
1315 Knies Robt W ⓞ
1316½ Vacant
1317 Cooper Irvin
1320 Vacant
rear Vacant
1321 Snyder Jas
1324 Jividen Dale
1325 Taris Barber Shop
1326 Smith Lewis Ins Serv
1327 Bright's Carry-Out beer
1334 Pflaum Mary R Mrs ⓞ
ss Miller av intersects
1337 Thrift Rug Cleaning Co
1338 Palmer Minnie M Mrs ⓞ
1339 Eleanor's Beauty Shop
1340 Rice Lena Mrs
1342 Wooten Rosella Mrs ⓞ
1343 Burgess Arth L jr ⓞ acct
1344 Meddles Robt
1345 Cloves John H
1346 Dodgion Pauline Mrs
1347 Toole Walter J
1348 Coretta's Beauty Shop
1348½ Kofod Bessie O Mrs ⓞ
Maghon John L
1350 A&F Sundries
ns Miller av intersects
1351 Kallman Virginia Mrs gift shop
Kallman David B ⓞ
1355 Judy Arth ⓞ
1361 Paul Lawrence R
1362 Fairwood Bapt Ch
1362½ Coleman Clifford B Rev
1363 Wilhite Dora L Mrs
1364 Foster Ray F pntr ⓞ
1366 Sheline Clyde
1369 Thomas Clayton
1371 Mowrey Milo E
1374 Basham Chas W ⓒ carp
Ellsworth av begins
1376 Wolford John R ⓞ
1378 Wolford Genl Repair Serv telev rep
1378½ Flynn Horace
1381 Ohio Military Sls genl mdse
1382 Geyer Nicholas ⓞ
1385 Brown Edna G Mrs
1387 Livingston Francis R ⓞ
Livingston Linoleum & Tile Co
Hill Jas A ⓞ
1390 Geyer Louis ⓞ
1391 Livingston Flower Shop
Caney al end
1405 Hayes Restr
1410 Vacant
1411 **Apartments**
A Donnelly Mary N Mrs
B Hackett Roger
C Kircher Richd D
D Naegele Edw
Street continued
1413 Lewis Hdw
1416 Kroger Co The (br) gro
1425 Bartow Danl E gas sta
126
Kelton av intersects
1437 Getreu Super Serv gas sta
1440 Deckard's pharm drugs
1442 Chapdelaine Edmond D phys
Gallaher Clarence M phys
Friedman Max J dentist
1444 Laughlin Ralph A phys
1446 American Beauty Salon
1450 Parker J E Steam Specialty Co Inc
1452 Mercury-Keller TV Sls & Serv
1452½ McCann Chas
1455 Cussins & Fearn Co The (br) hdw
1465 Taylor's Laundromat
1467-69 Mendelman's Kosher Food Mkt gro
1467½ Pestel Richd O
1471 Young Jesse J barber
1472 Fairchild's Dairy Queen dairy bar
1473 Wigal Larry T
1475 Pub Finance Corp (br) loans
1485 Dysart Homer S gas sta
Lilley av intersects
1490 Frank's Serv Sta gas sta
1499 Albright's Garage
Bruce Motrs used cars
1500 Albers Super Mkts (br) gro
Berkeley rd intersects
1509 Pennell L M Plmb Co
1511 Velma's Beauty Shop ⓞ
1529 Vacant
1532 Powell Floyd J
1534 McCann Chas J
1535 Sun Flash Oil Co (br) gas sta
1536 Keesey Chas A
1538 Smithhisler Harold J real est
1542 Sefferle Florence E Mrs ⓞ
1548 Luther Caroline P Mrs ⓞ
Geer av begins
1566 Daily Robt L
1567 Segel's Drugs
1572 Meek Rosalie A Mrs
1573 Livingston Theatre
1574 Kountz Richd E
1577 Livingston Enterprises Inc sporting gds
1578 Whittington Jas
1580 Whittington Lester
1582 Basham Donald
1583 Columbus Television Laby
Cooper L M
1584 Swatman Arth
1593 Livingston Grill restr
1595 Oppenheimer's Telev Repr
1598 Porter Floyd D
Seymour av intersects
1600 Strait Chas E
1604 Combs Jas
1611 Bill & Russ Used Cars
1612 Vacant
1614 Ryan Donald L
1615 Driving Park Carry Out beer
1616 Gorman Harry E
1617 Kunkler Bernard J barber
1618 Walsh Paul
1619 Ross & Ross Food Mkt gro
1622 Belknap Claude E ⓞ
1625 Sinacola Food Prod spaghetti sauce
Sinacola Sylvester ⓞ
1627½ Henry Kenneth
1630 Leusenmayer Walter N ⓞ
1634-36 Dapper Dan's restr
rear Howard's Precision Wks machs
1634½ Wilcox Harry A ⓞ
1635 Newcamp Fire Co
1640 Drive In Package Store beer
128
1649 Levin Dale
1651 Hipes Wm T
1653 Daugherty Edw
1655 Dick Harold R
1656 **Apartments**
1A Baker H & J Constn Co (stge)
2A Peters Bonnie L
3A Canter Stanley G
4A Tangen Elton
1B Schatzberg Anna Mrs
1C Evans Grace A Mrs
2B Enis Evelyn Mrs
3B Rice Geo
4B Ferrell Donald E
2C Andersen Edna B Mrs
3C Jinks Noland J
4C Sims Everette E
Street continued
1662 Woods Jeanette E Mrs
1664 Noll David
1665 Ambrose Nellie M Mrs ⓞ
1666 Grosshandler Aranka Mrs
1668 Vacant
1670 Schreier Iwing Rev
1672 Zuckerman Harry A
1674 Green Edgar D
1676 Small Jack K
1678 Nyman Saul
1680 Newcamp Walter
1681 Kennedy Lee R jr ⓞ chiropractor
1685 Warner Sam
1678 Wilcox Howard
1691 Gaumer B Jewel Mrs ⓞ
1695 Jayjohn Clarence
1697 Baker Realty & Constn Co
Bulen av intersects
1724 Rhodes Fred R
1725 Hi-Fy Gasoline Stations Inc
1730 Hackenberg Geo D ⓞ
1734 Prudential Ins Co of America (br)
1744 Driving Park Animal Clinic
Schaebler Jacob J vet
1745 Day Robt M
1747 Knies Earl G jr
1748 Lane Cn
1753 Washington Natl Ins Co
1754 **Apartments**
A Farley Shelby
B DePrizio Arth
C Freeman John
D Whitman G L
1760 **Apartments**
A Flaugh Mary J Mrs
B Boothe Wadsworth
C Moore Genevieve E Mrs
D Allard Geraldine
1764 **Apartments**
A Sebastian Juan
B Young Lyle G
C Williams C R
D Wesley Wm
Street continued
1768 Claggett Elec Co contrs
1769 **Apartments**
A Vacant
B Vacant
C Jones Jas A
D Vacant
1773 **Apartments**
A Johnson Gene E
B Waggner D
C Stevenson Kath L
D Lutz Beverly
1777 **Apartments**
A Unrue Robt E
B Vacant
C Grogan Bernard E
D Vacant
1787 Sportsmens Center
Industrial av intersects
1808 Donut Hole of Cols Inc bakers whol & mfr
1826 Fram Crest Bakeries Inc whol
1850 Bolender Coal Co
N&WRy overpass
S Nelson rd ends
1882 Lieb's Nite Club Inc restr
1883 Shalimar Cafe Inc restr
rear Vacant
1885 Schall Hdw
1887 Benjamin Vending Mach
1889 Buckeye Industrial Sup Co
Meizlish Bros Inc waste dlrs
Rae Realty Co
1893 Berwick Carry Out
1909 Hoffman Container Corp barrel dlrs
M & M Jobbins Co genl mdse
Bargain Surplus Sls
1919 Perma-Flex Mold Co plmbr
1925 Bexley Decorating Co Inc int dec
1931 Frank's Meats
1941 Massey Jimmy Pizza Drive In
1971 Ed's Sohio gas sta
1988 Cummings Paul A ⓘ
1999 Marion's Gulf gas sta
2000 Lieb Chas A
2004 Green Chas
132
Alum Creek dr begins
2030 Swan Columbus Fur Vault
2070 Used Trailer Hq
2080 Beverlee Drive In (br) restr
Mayfield pl ends
(not open)
Ferndale rd ends
(not open)
Sheridan av ends
2110 Scott's Shirt Laundry
2130 Webster A C Plmb & Htg
2133 Burger Boy Drive In restr
2148 Birch Fire Equip Co
2167-73 Super Duper Super Mkts gro
2172 Webster Garage auto reprs
2177 Buckeye-Lang Cln Inc (br)
2182 Miller's Sunoco Service Station gas sta
2183 Seymour Bakery Co
2201 Holton Jas H
2201½ Nicol Alex
2203 Vacant
2203½ Gaetz Lloyd F ⓞ
2253 Bob's Pure Oil gas sta
2260 Berwick Shell Serv gas sta
College av intersects
Berwick blvd begins
2286 Viereck Louis F ⓞ
2295 Ohio Natl Bank The (br) (Berwick ofc)
Francis av ends
Castlegate rd begins
2316 Brooke Edw F ⓞ
2325 Flanagan Harry P
2326 Bilton Frank S
Bearrow Wm L
2327 Sheridan Philip H
2329 Kurson Chas J
2331 Smith Jos F
2337 Half Shirley M Mrs
2338 Graham Clifford S ⓞ
2339 Mindell Jules
2341 McCune Vivian P Mrs
2343 Franklin Sami E
2353 Shepard Edw
2355 Miller Floyd H

LIVINGSTON AVE E 1956

LIVINGSTON AV E (SE Div)
—Contd

1110 Quist Martha
1111ΔBazell Glen E
Walton al ends
1115ΔRichards Jack W
ΔScottiesue Towel Serv of Cols
1118ΔSwarts Chas ⊛
1120ΔZartman Karl E
1121ΔDonohoe Wm C ⊛
1124ΔSealy Albert H ⊛
1125 Dugan Paul H
1127ΔBrier Florence Mrs gro
1129½ **Apartments**
(A)ΔBickel Nellie M Mrs
(B)ΔKnode Florence Mrs
(C)ΔLeist Ethel N
1130ΔSealy Albert H phys
1134ΔCassel's Dry Clns
1134½ Fields Chas C
1135ΔSpeedway Petroleum Corp (No 7)
1136 Parker Ralph
1136½ Vacant
1138ΔMills Elza R
Wilson av intersects
1149ΔGray Arth H ⊛
Stevens Jas R
1150ΔShepard Grace W Mrs
1151ΔBushman Chas C ⊛
1152ΔJordan Gladys P
1153ΔSchumacher Edw R phys
1154ΔHarrison Jas R
1156ΔDeVoll Chas E ⊛
1157ΔTheaumont Harry ⊛
1160ΔCatafino Anthony J ⊛
1165ΔPreine Edna ⊛
1166ΔKuntz Rose R Mrs ⊛
1169ΔSchmidt Louise E ⊛
1170ΔKerstein Simon ⊛
1174ΔWolf Roy
1176ΔFeinstein Rebecca Mrs ⊛
1178ΔTaggart Richd C ⊛
1181ΔMetzger Robt J ⊛
1183ΔCroft Leo D
1186ΔHolzer Carl D
1188ΔNewton Richd P
1190ΔCatalfino Cecelia Mrs
1192ΔGuglielmatto Josephine Mrs ⊛
124
Linwood av intersects
1200ΔFry Edgar A ⊛ phys
1205ΔMalone Earl
1209ΔPadgett Wilbur J
1210ΔDunham Ray A ⊛
1212ΔJones Howard I ⊛
1213ΔSchatzman Chas L
1215ΔFox Rose M Mrs
1217ΔBerry Loretta M Mrs ⊛
1219ΔBerry P Raymond
1220 **Apartments**
1ΔSells Margt A Mrs
2ΔReser Robt F
3ΔReser John R
4ΔSauerbrun Otto O
1221ΔChatfield Glenn C ⊛
1225 Halley Eug
1226ΔHawy Ferris A ⊛
1229ΔMcCall Harry ⊛
1232ΔMiddendorf Laura G Mrs ⊛
1232½ΔGodlewski Henry
1233ΔStetelman Fannie Mrs ⊛
ΔFisher Jerome
1233½ΔBaker Richd E
1237ΔLopper Morris ⊛
1237½ΔZimpfer Raymond F
Bedford av ends
Studer av begins
1242ΔDill Harry H ⊛
1250 **Apartments**
1ΔHill Harry R
2ΔBogard John D
3ΔVest Donald
4ΔFrancis Dorothy Mrs
1254ΔStevens Denver ⊛
1257ΔDuffey Melba L
1258ΔBausch Anton P ⊛
1259ΔMollard John E
1261ΔCook Vernon P ⊛
1261½ΔMaass Wm
1265ΔArnold Charlotte E
1267ΔPavey Bertha M Mrs
1269ΔLawyer Harold F
1271ΔColville Geo P roofer
Kimball Place av ends
1273ΔMoore Thos A ⊛
1275ΔHueckel Edw J jr ⊛
1277ΔMoore Fred
1289ΔClark's Shell Serv Sta
1292ΔKlotz Louis F ⊛
Lockbourne av intersects
1293ΔBarton's Food Mkt
1293½ Yawney Mike
Kibler Chas
1297ΔA-One Automatic Washer Serv
1299 Vacant
1300 Vacant
1301ΔLittle Robt
1303ΔWanda's Beauty Shop
1304ΔRoscoe Clns
1308 Vacant
1311ΔDavis Jas P ⊛
1314ΔWhite's Cafe
1314½ΔLindig Orval C
1315ΔKnies Robt W ⊛
1316½ No return
1317ΔMay Harvey jr
1320ΔTerflinger Geo rear No return
1321ΔBurington Daisy B Mrs ⊛
1324ΔJividen Dale
1325ΔLeonard's Barber Shop
1326ΔSmith Lewis Ins Serv
1327ΔLarry's Carry Out beer
1334ΔPflaum Mary A Mrs ⊛
ss Miller av intersects
1337ΔWeisskerz Clns & Tailors Inc
1338ΔFollmer Minnie M Mrs ⊛
1339ΔEleanor Beauty Shop
1340ΔSpangler Dorothy C Mrs
1342ΔSensabaugh Geo ⊛
1343ΔBurgess Arth L ⊛
1344ΔBradford Floyd F
1345ΔMowery Mary L
1346ΔSnowden Jas E
1347ΔToole Walter J
1348ΔWonder Lester V barber
1348½ΔKofod Dessie O Mrs ⊛
ΔSmith Geraldine
1350ΔBenton's Pharmacy
ns Miller av intersects
1351ΔShocker Wm B ⊛
1355ΔMcClish Fannie E ⊛
1361ΔKiser Neva A Mrs
1362ΔLane Dry Clns
1362½ΔCline Mary J Mrs
1363 No return
1364ΔFoster Ray F putr
1366 Reilein Raymond J
1369ΔNussbaum Harriett Mrs ⊛
1371ΔMowrey Milo E
1374ΔBasham Chas W ⊛ carp
Ellsworth av begins
1376ΔSpohr Raymond L dentist
1378ΔWolford Genl Repair Serv
1378½ΔHorne Wendell
1381ΔOhio Military Sls surplus war gds
1382ΔGeyer Nicholas ⊛
1385ΔBrown Edna G Mrs
1387ΔHayes Chas N ⊛
1390ΔGeyer Louis ⊛
1391ΔLivingston Flower Shop
Caney al ends
1405ΔHayes Restr
1406ΔLuft Plumbing Co Inc The
1410ΔRomoser W K phys
1411 **Apartments**
bsmt Vacant
(A)ΔFoltz Josephine L
(B)ΔSpurlock Harrel G
(C)ΔBrentlinger Anita M
(D) No return
1413ΔMorgan Zettler Hdw Co
1416ΔKroger Co (br) gro
1425ΔHarold & Dan's Sohio Serv Sta gas sta
1426ΔSchachter Jacob J animal hosp
1428 Vacant store
1430 Vacant
126
Kelton av intersects
1437ΔGetreu Super Serv gas sta
1440ΔDeckard's Pharm
1442ΔChapdelaine Edmond phys
ΔGallagher Clarence M phys
ΔFriedman Max J dentist
1444ΔLaughlin Ralph A phys
1446ΔEstelle Beauticians beauty shop
1450 Vacant
1452ΔBenner's Body Shop auto repr
1452½ΔMcCann Chas
1455ΔCussins & Fearn Co (br) hdw
1465ΔBerkman-Yellen New York Style Bake Shoppe
1467-69ΔMendelman's Kosher Food Mkt gro
Hoffman Geo
1467½ΔPestel Richd O
1471ΔYoung Jesse J barber
1472ΔFairchild's Dairy Queen
1473ΔO'Neal Fred W
1475ΔPrize Beauty Shop
1485ΔDysart Homer S gas sta
Lilley av intersects
1490ΔSinclair Oil Sta gas sta
1499 No return
1500ΔAlbers Super Mkts Inc (br)
Berkeley rd intersects
1509ΔPennell L M Plmb Co
1511ΔVelma's Beauty Shoppe
1519 Vacant
1532ΔPowell Floyd J
1534ΔPoole Robt E
1535ΔSun Flash Oil Co gas sta
1536ΔKeesey Chas A
1538ΔWilkinson Alyce M Mrs
1542ΔSefferle Florence E Mrs ⊛
1546ΔDysart Homer S
1548ΔLuther Fred S ⊛
Geer av begins
1566ΔDaily Robt L
1567ΔSegel's Drugs
1572ΔWoods Louis G
1574ΔAppleton Edw W
1577-83ΔLivingston Enterprises Inc sporting gds
1578ΔPusecker Robt L
1580ΔPainter Geo V
1582ΔWidmaier Raymond M
1584ΔDollmatsch John C
1593ΔLivingston Grill restr
1595ΔCols Telev Laby repr
1597½ Vacant
1598ΔGartin Bernard
Seymour av intersects
1600 Strait Chas E
1604ΔSolomons Saml J ⊛
1612ΔKountz Richd
1614ΔSchultz Robt W
1615ΔDriving Park Carry Out beer
1616ΔWhite Albert G
1617ΔKunkler Bernard J barber
1618ΔWalp Douglas W
1619ΔSinacola Sylvester gro
1620ΔGabel John A ⊛ phys
1622 No return
1625ΔSinacola Food Prod spaghetti sauce
Ankron Chas A
1630ΔLensenmayer Walter N ⊛
1634-36ΔRudy's Barbecue restr
rearΔHoward's Precision Works machs
1634½ΔWilcox Harry A ⊛
1635-37ΔCooper L M Co auto reprs
128
Fairwood av intersects
1649ΔJackson Anna M Mrs
1651ΔNoie Wm
1653ΔDaugherty Edw
1655ΔMarburger Kermit H
1656ΔHinty Lloyd
1665ΔAmbrose Nellie M ⊛
1681ΔKennedy Lee R ⊛ chiropractor
1685 No return
1687ΔCornwell Pat L
1689 Vacant
1691ΔBaker Realty Co
Bulen av intersects
1724ΔHackenberg Geo D
1730ΔHackenberg Hettie V Mrs ⊛
1734ΔPurdential Ins Co (br)
1745ΔDay Robt F
1747ΔKnies Earl G jr
1753 Vacant
1768ΔClaggett Elec Co electn
1787 No return
Industrial av intersects
1808ΔWalt's Drive Inn restr
1809 Conley Nellie M Mrs
1809½ Vacant
1826ΔFarm Crest Bakeries Inc
1850ΔBolender Coal Co
N&WRy overpass
S Nelson rd ends
1882ΔLieb's Restr
1883ΔShalimars Inc restr
rearΔSchall Clinton ⊛
1885ΔSchall Hdw
1887ΔSchall Confy
1889 Iannarino Anthony T beer
1909ΔHoffman Container Co
ΔHoffman Foam Rubber Products Co
1919ΔPerma-Flex Mold Co ptrnmkrs
1925ΔBexley Decorating Co
1971ΔStandard Oil Co (br) gas sta
1988ΔCummings Paul A ⊛
1991 Kramer Wm E gas sta
2000ΔLieb Carl G ⊛
2004ΔClark Richd R
132
Alum Creek dr begins
2030ΔSwan Super Clns Inc (fur vault)
2070ΔPetty's Food Mkt gro
2088ΔEastmore Drive In
Mayfield pl ends
(not open)
Ferndale rd ends
(not open)
Sheridan av ends
2110ΔScott's Laundromat
2130ΔWebster A C Plmb & Htg
2133ΔBurger Boy Drive In
2148ΔBirch Fire Equip Co
2172ΔWebster Garage reprs
2182ΔBurnside Sunoco Serv Sta gas
2183ΔSeymour Bakery Co (br)
2201ΔMerry Go Round restr
2201½ No return
2203ΔGaetz Lloyd F ⊛
2253ΔGardner's Serv Sta
College av intersects
Berwick blvd begins
2286ΔViereck Louis F ⊛
Francis av ends
Castlegate rd begins
2316ΔBrooke Edw F ⊛
2325ΔThomas Paul W
2326 Vacant
2327ΔSheridan Philip H
2329ΔKurson Chas J
2331ΔKnoderer Robt W
2337ΔVenook Jos ⊛

CHAMPION AV S (SE Div)—Contd
1174ΔGlass Augustus J ⓞ
1177ΔLeinheuser Vincent J
1178ΔCallif A Matty
1179ΔNippert Margt R Mrs
1180ΔRubin Harry J ⓞ
E Stewart av intersects
1189ΔFricker Carl W ⓞ contr
1190ΔKegelmeyer Jos L ⓞ
Kegelmeyer Marie L mus tchr
1192ΔCron Chas S
1193ΔPhillips Franklin T
1195ΔBailey Rufus ⓞ
1196ΔCable Myrtle S Mrs ⓞ
1197ΔPeckinpaugh Chas E ⓞ
1200ΔMoyer Lawrence N ⓞ
1201ΔGuthrie Cora L Mrs ⓞ
1204ΔRoss Geo P ⓞ
1205ΔSchwartz Chas F ⓞ
1208ΔKrauss Fred ⓞ
1209ΔStark Edwin C ⓞ
1213ΔJacks Nadine E Mrs ⓞ
1214ΔJenkins Lloyd H ⓞ
1217ΔMcGill Mary A Mrs ⓞ
1218ΔGamble Lee T ⓞ
1221ΔBecker Richd P ⓞ
1222ΔBorst Max A ⓞ
1225 Vacant
1227ΔStein Howard W
1228ΔWeber Adolph
1229ΔSchroeder Fred E
1230ΔMorris Thos
1231ΔRauch John K
1232ΔBarnecut Chas P
1234ΔGerhardt Vinton J
E Deshler av intersects
1239ΔOverly Mary B Mrs ⓞ
1241ΔDrumm Marvin E
1242ΔSkeen Lewis B ⓞ
1244ΔLyons Loretta H Mrs ⓞ
1245ΔBabbert Sarah M Mrs ⓞ
1248ΔBray Geo H ⓞ
1249ΔMueller Geo E ⓞ
1252ΔEitel Lawrence W ⓞ
1252½ΔLouks Wade
1253ΔWirth Arth T ⓞ
1256ΔGrom Rosa Mrs ⓞ
1257ΔChrisimer Jerald R ⓞ
1260ΔBatch Chas R ⓞ
1264ΔFrech Wilmot N ⓞ
1265ΔFrey Stewart R ⓞ
1268ΔMiller Myron A ⓞ
1269ΔBaker Robt J ⓞ
1272ΔThall Isadore ⓞ
1273ΔHunter Wm J ⓞ
1276ΔZollinger Eug A ⓞ
1280ΔKiefer Edw ⓞ
1284ΔHahn Chas J ⓞ
1286ΔUlrich Fred W
Thurman av intersects
1298ΔGulgiemotto Jos F ⓞ
1306ΔTiedt John J
1308ΔTiedt Mary Mrs
1310ΔPass Jacob huckster
1312ΔLevinstein Sidney D
1314ΔSchaefer Robt H
1316ΔTodd Elbert R
1320ΔWeilbacher M Henry ⓞ
1324ΔCarmen Harris H
1328ΔCox John M
1330ΔDuros John K ⓞ
Mithoff intersects
1337ΔZsulevich John W ⓞ
1341ΔSlattery Robt P ⓞ
1342ΔCarnohan Chas M ⓞ
1345ΔBauer Harold R ⓞ
1348ΔMoeller Wm ⓞ
1349ΔHamlet Malcolm A ⓞ
1352ΔSchonhardt Anthony E
1354ΔKoch Edw H ⓞ
1355ΔFleischer Michl ⓞ
1356ΔStark Grace Mrs ⓞ
1359ΔWhitmer Bert ⓞ trucking
1362 Schmidt Edwin E ⓞ
1363ΔBoden Fred ⓞ
1364ΔMoon Wm F ⓞ
1366ΔMoon Edwin E
1370ΔColucci Nick ⓞ
1371ΔIacovetta Ernest A ⓞ
1374ΔDose Robt R
1375ΔFrischmann Wm F ⓞ
1376ΔBender Frank S ⓞ
1378ΔKessler Russell J
E Gates intersects
1387ΔWolfe Albert B ⓞ
1390ΔNoltemeyer Raymond F ⓞ
1391ΔRoehrenbeck Herbert J ⓞ
1394ΔKunkle Otto A ⓞ
1395ΔFitch Laura E Mrs ⓞ
1398ΔHeigel Carl J
1399ΔO'Neal Gerald K ⓞ
1403ΔBruce Bernard ⓞ
1406ΔSchmitt Louis F ⓞ
1407ΔWoodward Wm J ⓞ
1410ΔMay John ⓞ
1411ΔWilliams Robt E
1414ΔThompson John C ⓞ
1415ΔNightingale Florence ⓞ
1421ΔPfautsch Erwin C ⓞ
1425ΔDonahue Jas H
1429ΔCline Ralph T
1430ΔKrauss Elmer C ⓞ
1433ΔCooper Frank C
1436ΔMiklos Morton ⓞ
1437ΔMurphy Loretta B Mrs ⓞ
1440ΔFuleki Dennis ⓞ
1441ΔHammond Clyde J ⓞ
1444ΔYaekle Wm ⓞ
1445 Niemann Walter F ⓞ
1448ΔMayer Alfongs R ⓞ
1449ΔRussell Enid A Mrs
1452ΔTokar Louis L
1453ΔKramer John G ⓞ
1456ΔStecker Edw M ⓞ
ΔStecker Betty L nurse
1457ΔLynch Louis E ⓞ
1460ΔKoebel's genl mdse
1490ΔGerdinac Jas
1510 Niklas Frank G
1531ΔKoetz John T
1652 Perry Loyd K
148
Frebis av intersects

102
CHANCERY WAY (NE Div)—From 1900 Stratford way north to Maryland av
457ΔAlthoff Robt C ⓞ
Merryhill dr intersects
Maryland av intersects

SE
CHAPEL E (SE Div) — From 124 S High east to S Grant av
S Pearl intersects
77ΔPaint Ur Car Co auto pntrs
79-81 Caito Bros (garage)
S Third intersects
S Lazelle intersects
136 Fean Wm & Co Inc (garage)
141 Fean Wm & Co (whse)
8
S Fourth intersects
199ΔStoring W A Co letter shop
205-15 Gilbert Shoe Co (whse)
S Fifth intersects (ns not open)
265 Vacant
276ΔPreston Kenneth E
278ΔWebb Richd
280ΔColyer David C
282ΔPennell Garnet A
284 Vacant
S Sixth intersects
Chase al intersects
307 StFrancis Hospital Annex
S Grant av intersects

SW
CHAPEL W (SW Div)—From 123 S High west to S Hartford av (Not open between S Front and S Belle; also between Starling and Lucas)
S Wall intersects
S Front intersects
7
(Not open between S Front and S Belle)
S Belle intersects
318ΔMoseley Cary C
326ΔMcComis Clarence
327ΔTemple Pearl Mrs
328ΔReed Roger H
329 Neil Edw
330 Quick Dudley F
331ΔTemple Leonard F
Starling intersects
(Not open between Starling and Lucas)
Lucas intersects
431ΔWolford Harvey D
433ΔHedrick Basil E
435ΔTaylor Russell
439ΔMcDowell Melvin R
441ΔSells Wm E
443ΔSmith John H ⓞ
447ΔColombini Dean A
449 McComis Arnold L
451 Potts Chas H
McDowell intersects
486ΔMullen David
488ΔMonahan Thos F
490ΔJohnson Albert K
493 City Mission
494ΔGilkey Lewis E ⓞ
496 Bocook Clarence A
497ΔPatrick Jas ⓞ
498 Ott Sidney E Mrs
500ΔLofton Mary Mrs
503ΔWilson Amanda R Mrs ⓞ
504ΔRasor Eva Mrs
506ΔBurris Clyde
Mead al intersects
509ΔWhittaker Alex ⓞ
510 Walker Jas
510½ΔWilliams Mary A Mrs ⓞ
513ΔGoss Lawrence T ⓞ
514ΔMoses John ⓞ
515 Jones Zella
518ΔGraham Allie W Mrs
521ΔCharles Nobia Mrs ⓞ
523 Toles Edison W ⓞ
528ΔLieb-Jackson Co (whse)
530 Dyer Lewis H ⓞ
531ΔWalker Clyde W ⓞ
533ΔTimmons John W ⓞ
534ΔHall Alonzo Rev
S Mill ends
556ΔPaluszewski Viola S Mrs
S Gift intersects
565-69ΔH & Y Transfer Co
567½ Apartments
1ΔLambert Larence
2ΔMurphy Michl J
3ΔSchumacher Harold C
4ΔAshworth Blanche Mrs
Street continued
577 Chappel Mabel
577½ Farrell Muriel
ΔJohnson Cecil
579ΔJones Geo H ⓞ
S Skidmore intersects
605ΔFlorists Co-operative Delivery Inc
611ΔAC-DC Radio Repairs
Johnston Patk C
611½ Vacant
612ΔSnyder Bessie L Mrs ⓞ
615 Pfeifer Anna S Mrs
616ΔHolsten Chas A ⓞ
617ΔTaylor Jerry ⓞ
621ΔHerold Paul W ⓞ
624 Vacant
625ΔSlavens Florence Mrs ⓞ
S Grubb intersects
641ΔHook Rhea C Mrs
642ΔKunkel Fred H ⓞ
643ΔRussell Mary M ⓞ
646ΔBrollier Jas M ⓞ
647 Baker Earl J
649ΔThirtyacre Fred C ⓞ
650 Luckhaupt Wm J
653 Steele Cecile F
654ΔPost Claude W
657 Kunkel Richd F
53
S Sandusky intersects
687ΔHodges Hallie L Mrs
693ΔCunningham Jas
693¼ΔVoss Osmer A
695ΔCunningham Harold G
699 Buck Baldwin ⓞ
Plato al begins
704ΔSimes Edw ⓞ
709ΔClary Ray W
711ΔLaver JoAnn M Mrs
712 Thornton John
714ΔOatley Jessie M Mrs
718ΔGoodall Richd W
719ΔClark Martha
720ΔGreen Donald A
721ΔReiselt Philip F
722 Bellock John E
723ΔSix Jessie H Mrs ⓞ
724ΔBrown Wm M ⓞ
725 Fritch Edw ⓞ
726ΔPowell Melvin F
728ΔDelbert Philip H
730ΔShaw Clara Mrs ⓞ
731 Collins Elijah ⓞ
732 Goslee Wm K
734 Carmedy Frank T
735ΔPratt Jefferson ⓞ
736ΔBoyce Alan E
S Green intersects
737ΔMichel Wilbur F
739ΔPurdy Wm J
752ΔGriffith Jos R
754ΔIngram Jack ⓞ
756 Gersbacher Nora Mrs
758 Waller Alonzo ⓞ
759ΔFritchen Alvin E
760ΔHulls Chas ⓞ
765ΔValentine Leonard B ⓞ
S Davis av intersects
S Souder av intersects
S Hartford av intersects
37

CHARING ROAD (Upper Arlington) — From Riverside drive northwest to Canterbury rd, l north of Lane av
2575ΔFox Walter A
2591 **Apartments**
(A)ΔRuine Geo E
(B) Vacant
(C)ΔJameson Harry W
(D)ΔMcCloskey Geo J
(E)ΔRoyce Robt R
2600 Under construction

CHARING ROAD (UA)—Contd
2601 Under construction
2603 Under construction
2605 Under construction
2607 Under construction
2609 Under construction
2610ΔCutler Wm D ⓞ
2630ΔLang Ralph R ⓞ
2690ΔLoveless W Forrest ⓞ
2710ΔCulter Wm D ⓞ
Abington rd ends
2827 **Apartments**
(A) Vacant
(B)ΔHennis Geraldine
(C) Vacant
(D) Vacant
(E)ΔRamsey Robt P
(F)ΔEarl Helen
Margate rd ends
2893 Vacant
2895 Vacant
2897ΔLeonard Ruth H Mrs
Canterbury rd ends
11
CHARLES (NW Div) — From 533 Park west to Michigan av
School al intersects
95ΔYoung Wm
Armstrong intersects
124 Goddard Roy L
134ΔBrown Arth A
136 Foe Benj F
Middle al intersects
Kilbourne intersects
Riordan al intersects
Lake intersects
220ΔAnderson Eunice Mrs
Dennison av intersects
City av intersects
George ends
Henry intersects
346 Lynch Hugh
348ΔEdwards Luvall
350ΔGreen Geo
350½ΔHogg Annie M
Flickinger al ends
352 Conley Wm
352½ΔJackson LeRoy
364ΔKelley Robt
368 Kenney Jas
369ΔBundy Hattie Mrs
371 Frazier Mitchell C
373ΔThomas Geo ⓞ
377 Smith Wm
378ΔSlaughter Jas
379 Wilson Willie L Mrs
382 Harrison Clem
384 Ransom Henry
387ΔJohnson Annabel Mrs ⓞ
rear Vacant
388 Gunther Willis
390 Copeland Rufus J
391ΔPowell Clinton L
392 Vacant
393 Adams Alex
401 Gilmore Rosetta
407ΔC & A Coal Co
ΔWoodford John
410 Cutchins Ruth D Mrs
411ΔHal Henry
rear Mayo Clayton
412 Lee John
414ΔThomas Arth
416ΔFitts John H
418ΔManuel Hattie
419 Vacant
420ΔRobinson John
422ΔLacey Douglas trucking
428ΔJohnson Elva Mrs
Harrison av intersects
442ΔLacey Douglas
444ΔJohnson Irene R
446 Cakes Harry R
448ΔLavender Percy
450 Elmore Mittie L Mrs
456 Jackson Isabelle Mrs
462 No return
464ΔHannable Gertrude Mrs
470 Vacant
478 Hill Robt N
482ΔMiller Ester
Pennsylvania av intersects
492ΔThomas Ethel Mrs
Smith John A auto repr
505 Vacant
509-21ΔGeneral Furn Corp mfrs
Michigan av begins

130
CHARLES (Bexley) — From Sheridan av east to Kenwick rd, l north of E Livingston av (Not open between College av and Eucalaire av)
2201ΔLongfellow Robt M
2203ΔHarris Virginia G Mrs

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

CHARLES ST 1952

CHARLES (B)—Contd
2205ΔRosen Herman W
2207ΔKauvar Herbert S
College av intersects
Euclaire av intersects
2395ΔPetty Earl M ⓞ
S Cassingham rd intersects
Montrose av intersects
S Remington rd intersects
Vernon rd intersects
S Roosevelt av intersects
Grandon av intersects
Chelsea av intersects
Bexley city limits
Kenwick rd intersects (not open)

74
CHARLESTON AV (NE Div) — From 5360 N High east beyond Rush av (Beyond limits)
Morning ends
Foster av ends
Sharon av ends
Rush av ends

26
CHASE ALLEY (SE Div) — From ½ block north of Will alley south to 612 E Livingston av
Will al intersects
E Livingston av intersects

8
CHASE ALLEY (SE Div) — From 325 Oak south to E Town (No houses)
E State intersects
E Chapel intersects
E Town intersects

69
CHASE AV N (NW Div) — From 2846 W Broad north, 2 west of Hague av beyond Steele av
26ΔTaylor Delton R
27ΔHosler Edw G ⓞ
32ΔTrotter Ralph T ⓞ
33ΔRobinson Elliott D ⓞ
37ΔPerry Harold W
38ΔArrasmith Robt H
39ΔHall Arth O
42ΔBrotton Erma I Mrs ⓞ
43ΔOgdin Clyde W
45ΔCompton John P
48ΔGegoff Theo G ⓞ
49ΔMitchell Everett A
53ΔRinehart Dorothy M Mrs
54ΔBaker Lovell L ⓞ
55ΔBinkley Walter F
58ΔOliver Wm
59ΔGroom Wm H
64ΔFry B Kenneth
65ΔAter Myrtle E ⓞ
69ΔMeenan Leroy
70ΔEckle Wm H ⓞ
71ΔCunningham Robt B
75ΔChristoff Pando ⓞ
76ΔKight J Cecil
78 Gardner Edith A Mrs
Grace intersects
90ΔDowning Dale D ⓞ
94ΔCorder Loren E ⓞ
97ΔMyers Roger H
98ΔHiggins John A ⓞ
103ΔLooker Jacob S ⓞ
104 Vacant
105ΔMead Robt G ⓞ
110ΔPlant Esther L Mrs ⓞ
115ΔThackara Walter M
116ΔDavis Harry D ⓞ
117ΔAbram Howard H ⓞ int dec
119ΔAlban Evan ⓞ plmbr
120ΔPinsenschaum John G ⓞ
125ΔYoung Elmer A ⓞ int dec
126ΔMiller John K ⓞ
129ΔBangert Chas A ⓞ
132ΔLee Clarence A ⓞ
135ΔClarkin Wm M ⓞ
136ΔCahill Raymond W ⓞ
138ΔMcClain Raymond L
141ΔUrbana Phyllis E Mrs
rear ΔWeber Sylvia Mrs ⓞ
142ΔChute Vernon R
144ΔHerbster Robt A ⓞ
145ΔBuchanan Arth E ⓞ
151ΔCannon Wm M ⓞ
154ΔKimball Bertha M Mrs ⓞ
155ΔSisson Harlan C
157ΔFolk Norwood E
158ΔAmmon Lowell L ⓞ
Steele av intersects
169ΔBest Otto J ⓞ
170ΔPennell Credit ⓞ
173ΔParker Harry H ⓞ
176ΔChapman Loyal H ⓞ
179ΔBaker Lynn C ⓞ
180ΔDoughty Robt A ⓞ
185ΔHill John E ⓞ
186ΔLohr Jesse
190ΔHill Chas M ⓞ
195ΔLatham Betty ⓞ
196ΔWilliamson G Starling ⓞ
200ΔAnderson Anna M Mrs ⓞ
201ΔHenry Elsie A Mrs ⓞ
202ΔStout Wendell O ⓞ
205ΔSovart Harold ⓞ
206ΔVale Wm D ⓞ
211ΔZimmerman Albert J ⓞ
212ΔCombs Delano H ⓞ
217ΔLambert Jas R ⓞ
220ΔRowland Eldon E ⓞ

71
CHASE AV S (SW Div) — From 2845 W Broad south beyond Wicklow rd, 2 west of Hague av (Not open between W Broad and Olive)
Olive intersects
Postle intersects
255ΔBurton Richd E
ΔReeves Edgar H
256ΔKruse Walter H
261ΔLeininger Robt I
ΔBuck Evelyn R Mrs
262ΔAnderson Horace C
ΔSirrine Richd C
267ΔEdison Irving S
Constantine Herman G
268 Mueller Louis F
273ΔDonnally Stanley M
Edison Saml
ΔStandish Albert
274 Kettle Rennetta
279ΔMock Chas L mfrs agt
ΔRice Marjorie E Mrs
280ΔGrove Robt R
ΔKartsimas Wm J
285 Cook Ralph B jr
ΔJohnson Henry C
286 Wert Wm T
ΔWheeler Danl B
291ΔEckert Alf C jr
ΔHaines Wm B
292 Kellum Wm L
Amer Frank S
297ΔHoyt Chas A
ΔCallahan Walter N
Fremont intersects
298ΔBagby Fred M
ΔFoster Floyd P
309ΔFinneran Wm P
310ΔKelsay Hoyt C ⓞ
315ΔWellbacher Bernard J ⓞ
316 Apartments
(A)ΔCopeland Gilbert L
(B)ΔHolzapfel Geo J
(C)ΔKite Harry A
(D) Greene Paul
321ΔTriffon Terry N plmbr
326ΔBudge Wm C
327ΔKoch Chas C
330ΔSlane Ralph E
331ΔDuff Robt V ⓞ
332ΔSacks Beryle C
337ΔMessersmith Lloyd H
338 Apartments
(A)ΔBush Theo A
(B)ΔWilson Ronald R
(C)ΔShaw Wm D
(D)ΔBercaw Jas M
343ΔBarber Jess C ⓞ
344ΔThompson Paul L
349ΔMacDonald Alex E
350ΔFinley Wm D
355ΔMacklin Gerald E ⓞ
356ΔMeyer Carl L
363ΔBarfield Tarlton G
364ΔGernhardt Richd C
ΔCampbell Robt C
369ΔWolverton Norris L
ΔHeffelfinger Richd E
370ΔHale Raymond W
375ΔBerryman Robt D
376ΔDorn Walter L
ΔGlick Edw M
381ΔDuSell Cyril L
ΔHagerty Lee O
382ΔJohnson Darrell
387ΔKennette Wm B
ΔWhetstone Chas E
Champlain Robt A
388ΔGarvey Jas R
ΔJackson Wm S
393ΔGuarriello Nicholas J
ΔHamilton Rita C
394ΔRunda Chas H
ΔWeaver Jack H
ΔChesser Richd V
397ΔKartsimas Geo J
ΔMurphy Francis E
398ΔAnderson Richd J
ΔPortnoy Howard
403ΔMaish Louis B
ΔSpring Geo
404ΔTenschert Martha A
ΔArnold Vernon E
Wicklow rd intersects
429ΔHill Sarah S Mrs ⓞ
433 Richards Wm H
437ΔGortner Wm N ⓞ
438 Zeliner John ⓞ
441ΔMasterson John R
441½ Graney Wm A ⓞ
442ΔVollmuth Walter C ⓞ
465ΔBentz Elwood E ⓞ

102
CHATFIELD PARK (NE Div) — From Stratford Way north to Maryland av, 1 west of Chanoery Way
421ΔWooten Arth L
431ΔMeredith Edw W
437ΔEvans Asa C
Merryhill dr begins
Maryland av intersects

35
CHATFIELD ROAD (Upper Arlington) — From Northwest blvd west to Coventry rd, 3 south of W Lane av
1830ΔCochran Alf G ⓞ
1844ΔDumbauld Kiser E ⓞ
1850ΔStritmatter John A ⓞ
1855ΔBaker Rollo C ⓞ
1858ΔDiesem Chas D ⓞ
1865ΔLummis Jos G ⓞ
1866ΔFriel Chas A ⓞ
1873ΔLeckliter Grace ⓞ
1874ΔLutz W Herbert ⓞ
1879ΔLisle Wm S ⓞ
1880ΔTilton Josephus H ⓞ
Andover rd intersects
1914ΔWilcox Gertrude Mrs ⓞ
1920ΔMulvane Leila D Mrs ⓞ
1923ΔNein Floyd H ⓞ
1926ΔFlick Chas W ⓞ
1933ΔBaas Henry J ⓞ
Wickford rd begins
1936ΔWhite Kath M Mrs ⓞ
1944ΔFife Flossie Mrs ⓞ
1952ΔTurnbull Wm D ⓞ
1960ΔJenkins Ralph G ⓞ
1966ΔNeal Orville T ⓞ
1969ΔHrobon Emil M ⓞ
1974ΔKeeler Alma A ⓞ
1982ΔDittmer Clarence E
1987ΔClymer Lulu Mrs ⓞ
1990ΔIsaac Chester B ⓞ
1996ΔMcCormick Robt H ⓞ
2006ΔHohenstine M Delmer ⓞ
Coventry rd intersects

72
CHATHAM ROAD (NE Div) — From 3814 N High east to Granden rd
8ΔHicks Lawrence E ⓞ
8½ΔSteffen A Leslie
N Pearl intersects
20ΔKabealo Geo ⓞ
25ΔBennett Ralph C ⓞ
28ΔChristian Fredk E Rev
33ΔSchob Marion D ⓞ
36ΔCrow Anna M Mrs ⓞ
39ΔThompson Ronald B ⓞ
42ΔBangert Della L Mrs ⓞ
45ΔFindlay Richd C ⓞ
48ΔArnsbarger Howard A ⓞ
51ΔOwen Robt H ⓞ
54ΔRuppinger Geo N ⓞ
57ΔDudley Jas F ⓞ
60ΔSchmokey Otto L ⓞ
65ΔBetz Lamonte H ⓞ
68ΔWurdock Mary F Mrs ⓞ
70ΔWeigle John W ⓞ
71ΔBurr Henry M ⓞ
74ΔDavis Mary L Mrs ⓞ
77ΔSchoonover M Eliz Mrs ⓞ
82ΔWilson John W ⓞ
83ΔShutt Wm H ⓞ
86 Smith Robt N ⓞ
91ΔBriggs Robt E ⓞ
94ΔClark Jas C ⓞ
97ΔWalton Lloyd R ⓞ
100ΔCarlile Percy B ⓞ
103ΔBond Harold G ⓞ
106ΔPlacke Donald A ⓞ
111ΔMcCullough Martin E ⓞ
112ΔBretz Hedwig M ⓞ
117ΔMonahan Margt E Mrs ⓞ
118ΔSheehy Frank E
121ΔFowler Fred J ⓞ
126ΔBright Martha S Mrs ⓞ
128ΔWashburn John C real est
132ΔHarrell Cline B ⓞ
135ΔHellstrom Arth B ⓞ
138ΔHall Elmer J
Foster intersects
147ΔLinzell Saml O ⓞ
150ΔKarlsberger Louis F ⓞ
155ΔPersinger John O ⓞ
158ΔJones Ralph E ⓞ
161ΔLong Ralph L ⓞ
164ΔRyan Carl W ⓞ
167ΔNeher Marion Y ⓞ

CHATHAM ROAD (NE Div)—Contd
170ΔWeigl John H ⓞ
173ΔBenadum Russell A
178ΔChurch Marvin E ⓞ
181ΔWard Lottie M Mrs ⓞ
184ΔSwain Leland M ⓞ
187ΔDill Fredk W
188ΔHedrick Earl J ⓞ
193ΔObenchain Lurie M Mrs
196ΔJohnson Theo S ⓞ
199ΔHopper Ernest
202ΔMcAdams N Marcellus ⓞ
207ΔMcCarthy Chas F ⓞ
210ΔMerrell J Clarence ⓞ
215ΔBergoon John L ⓞ
216ΔGels Mark H ⓞ
219ΔBogen Harold L
222ΔSmith Jack B ⓞ
225ΔFrazier Dayle W jr ⓞ
228ΔYeager Wm E ⓞ
233ΔHerb Carl E ⓞ
236ΔWoods Norman G ⓞ
239ΔLuckhaupt Lawrence W ⓞ
242ΔWheaton Geo W ⓞ
245ΔMyers Chas O
248ΔBabbitt Francis B ⓞ
251ΔBell Ely E ⓞ
254ΔWard Benj W ⓞ
259ΔHunt Robt J
260ΔKnapp Wm G ⓞ
265ΔHelber Orville S ⓞ
268ΔMarshall Wm B ⓞ
273ΔChapman Harold P ⓞ
274ΔHuston Arth B ⓞ
277ΔShipley John H
285ΔDischinger Fred G ⓞ
288ΔKramer Walter D
299ΔMills Jos R ⓞ
Sharon rd intersects
302ΔElder Byron B ⓞ
305ΔMarshall Helen T Mrs ⓞ ins
310ΔErdmann Edw ⓞ
311ΔBose Delano M ⓞ
314ΔPladwell Arth P ⓞ
319ΔPfeiffer Richd C ⓞ
320ΔDellaMaria Victor S ⓞ
323ΔStarkey Thos F ⓞ
328ΔWright Emerald C ⓞ
331ΔBreithaupt Geo L ⓞ
334ΔGray Wm D ⓞ
337ΔPressler Dora L Mrs ⓞ
340ΔBohning Richd H ⓞ
343ΔBoesch Jerome J ⓞ
346ΔGlackin Edw J ⓞ
351ΔOgden Eric ⓞ
354ΔCohee Earl ⓞ
363ΔLong Gilbert M ⓞ
369ΔSmith Marion L ⓞ
370ΔHunt John W ⓞ
374ΔEvans Jas R ⓞ
377ΔMock Austin S ⓞ
386ΔSpeiman Howard T
392ΔTaylor Jasper C ⓞ
396ΔHickman Earl A ⓞ
406ΔUngemach Herbert P ⓞ
412ΔSteig Jos ⓞ
415ΔAuthenrieth Fredk O ⓞ
420ΔEgan Richd ⓞ
427ΔSwinger Paul E ⓞ
433ΔRogers Hugh J ⓞ
434ΔMoravek Jos S ⓞ
439ΔReid Robt N
440ΔMorgan Russ D ⓞ
445 Vacant
446ΔWilliams John C ⓞ
452ΔKirk Eug T
453ΔLesly Geo ⓞ
458ΔGiesy John P ⓞ
459ΔWilson Zane R ⓞ
465ΔHoward Wm H ⓞ
466ΔEckhart Lewis G ⓞ
475ΔFetters Jas L ⓞ
476ΔJohnson Chas B ⓞ
481ΔGlandon John C ⓞ
482 Lehman Roy E
488ΔNuzum Lloyd H ⓞ
489ΔTrumbo Herbert H jr ⓞ
494ΔWeed Lawrence V ⓞ
508ΔKreis Robt J ⓞ
514ΔPringle John P ⓞ
520ΔBrown Edw J ⓞ
523ΔWood Geo L ⓞ
526ΔBrannon Jas W ⓞ
529ΔHill David A
532ΔBennett Alf N
535ΔSmith Rodger N ⓞ
538ΔMcGovern Robt A ⓞ
543ΔHaines Owen R ⓞ
546ΔStein Frank C ⓞ
549ΔMoore Richd C ⓞ
552ΔBowers Donald K ⓞ
555ΔSense Karl A
558ΔSheward John H ⓞ
561ΔBriggs Jack O ⓞ
564ΔJones Geo R
567ΔMount John T ⓞ
570ΔDavis Lloyd A ⓞ
573ΔDick Chas L ⓞ

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

COLLEGE AVE 1952

SCHWARTZ SHOWELL CORPORATION

842 GOODALE BLVD. (8) MAIN 3301

COLE (SE Div)—Contd
1146ΔKallies Wm
1148ΔSanderson Wm H
Walton al Intersects
Wilson av Intersects
1210ΔFaun Ethelreda Mrs
Blend al Intersects
124
Linwood av Intersects
Royal Intersects
1263ΔGodley Sarah J Mrs Ⓞ
1269ΔSkinner Harry C Ⓞ
1269½ Mood Lloyd
1272ΔZore Emma O Mrs Ⓞ
Sanders Ralph E
1273ΔBean Donald P Ⓞ
1276ΔDavis Clark R Ⓞ
1277ΔCall Lawrence P
1279ΔRitchey Robt R
1282ΔPrice Ira S Ⓞ
1287ΔGoorey Wm C Ⓞ
1288ΔHern Howard E
1289ΔGrunkemeyer Lawrence A Ⓞ
1290ΔKlein Alf E Ⓞ
1291ΔWisler Saml Ⓞ
1293ΔNeeb Chas R Ⓞ
1295ΔGoldcamp Thos T
Kimball Place av Intersects
1328ΔHock Chas Ⓞ
1332ΔFalk Chrispin F Ⓞ
1338ΔWeakley Edw
Lockbourne av Intersects
1339ΔHock Albert J
1341ΔMowery Donovan F
1342ΔDecker John E
1344ΔMcDaniel Alva C carp
1345ΔSearles David B Ⓞ
1346ΔLitsinberger Harry B Ⓞ
1349ΔEdgell Jack E
1351ΔWilkins Clara M Mrs Ⓞ
1352ΔThomas Guy Ⓞ
1356ΔCohen Max Ⓞ real est
1359ΔMcCormick Elba W Ⓞ
1362ΔAdams Emory E Ⓞ
1365ΔSigman Robt V Ⓞ
1366ΔStewart Raymond G Ⓞ
1371ΔArmentrout Robt L Ⓞ
1376 Beard Fred K Ⓞ
Ford al Intersects
1381ΔFrancis Claris V Ⓞ
Miller av Intersects
1421ΔWhite Floyd
1421½ΔAnderson Clyde O
1425 Wine Bertha Mrs
1427 Boggs Carrie Mrs Ⓞ
Scheffler Reba Mrs
1429 McCann Estavaunt Mrs
Caney al Intersects
1431ΔBurnett Jas R
1435ΔHarris Harley Ⓞ
1439ΔRobison Chas Ⓞ
1440ΔJohnson Clarisa E Ⓞ
1442 Mitchell Jas R
1448ΔEstis Eliz Mrs Ⓞ
rear Estis Marshall
1449ΔBrooks Glenn V Ⓞ
1451ΔWhite Jos
1452ΔBanks Chas H Ⓞ
rear Dobbins Hollie C
1453ΔWashington Cecil E Ⓞ
1455ΔReeves Wm A
1456ΔHarris Elmond M
1459ΔGeiger Floyd O Ⓞ
1462ΔCarr Equip Co constn equip
126
Kelton av Intersects
Lilley av Intersects
Berkeley rd Intersects
1597ΔKunkler Bernard Ⓞ
1598ΔVernon Reginald A Ⓞ
1605ΔPeterson Carl H
1607ΔThomas Anthony F
1609ΔErvin Ernest
1611ΔLewis Ludwig R
1612ΔBetter Albert L Ⓞ
1659ΔBiggs Jos S
Seymour av Intersects
128
Fairwood av Intersects
1711ΔOsborn Carl R Ⓞ
1719ΔStrapp Thos P
1721ΔRitchey Paul C
1722ΔReichert Wm A
1724ΔElliott Robt H
1725 Lundstrom Harry V jr
1728ΔHandshey Tullie B
1729ΔEllis Zebert L
1730ΔLally J Frank
1731ΔSnider Saml J Ⓞ
1732ΔGriffin Edw G
1734ΔBrown Chester O
Bulen av Intersects
1785ΔDevaney Helen M Mrs Ⓞ
1786 Allen Kenneth Ⓞ
1789ΔFrench Louis M Ⓞ
1792ΔOyster Duane E Ⓞ
1795ΔFleming Hattie B Mrs Ⓞ
1798ΔHeaney Jack T Ⓞ
1801ΔGambs Chas R
1804ΔFallon Anna H
1805ΔHerbert Edwin L Ⓞ
1806ΔCaley Julia Mrs
1811ΔBurns Ralph E Ⓞ
Rhoads pl Intersects
1812ΔShelton Clara Mrs
1814ΔJohnson Dorothy P Mrs Ⓞ
1845ΔFrederick John B
1846ΔChennell Raymond E

70
COLERAIN AV (NE Div) — From 386 Oakland Park av north to Rathbone av
E Dunedin rd Intersects
Piedmont rd Intersects
Brevoort rd Intersects
E Torrence rd Intersects
Arden rd Intersects
Fallis rd Intersects
Richards rd Intersects
74
E Dominion blvd Intersects
4389 Drake Paul G Ⓞ
4393 Starrett M D Ⓞ
E Welsheimer rd Intersects (ws not open)
Garden rd Intersects
4505ΔKinkade John S
4511ΔStruck Ford C Ⓞ
4514ΔHerbert Edw J Ⓞ
4522ΔTurner Wilbur H Ⓞ
E Beaumont rd Intersects
Wetmore rd Intersects (not open)
E Beechwood blvd Intersects
E Royal Forest blvd Intersects
E Jeffrey pl Intersects
Rathbone av Intersects

26
COLFAX ALLEY (SE Div)—From Raymond south to 660 E Livingston av
535 Hartway Frank
537ΔBarnes Raymond W
Stone av Intersects
578 Johnson W Henry
588 Watson Frank W
Will al Intersects
E Livingston av Intersects

44
COLLEGE ALLEY (NE Div) — From 912 Hamlet east to N Fourth
(No houses)
Back al Intersects
N Fourth Intersects

130
COLLEGE AV (Bexley) — From 2208 E Main southeast to city limits
595ΔBachman Luresa A Mrs
ΔHarmony Haven dormitory
605ΔHeller Emma Mrs Ⓞ
611ΔFaber Geneva P Mrs Ⓞ
K S U Fraternity Hse
615ΔBetz J Saml Ⓞ
625ΔZier Delbert W
625½ΔDurst Raymond W
635ΔPetzinger Allen A
637ΔAlthaus Sabina H
641ΔKrumm Christian E Rev Ⓞ
649ΔPetzinger Robt
E Mound Intersects
661ΔHellerman Marie Ⓞ
662ΔBaumann Geo D Ⓞ
669ΔMartindill Geo H Ⓞ
672ΔKilpatrick Georgia Mrs Ⓞ
675ΔHatfield Ross C Ⓞ
680ΔWindesheim Paul A Ⓞ
681ΔKuhn Rebecca M Mrs Ⓞ
rearΔCasto Raymond S
690ΔElder John F Ⓞ
693ΔKallmerten Leon G Ⓞ
699ΔFromm Guy C Ⓞ
700ΔShadrach David Ⓞ
709ΔTurner Gilbert L
714ΔKuhn Hattie E Mrs Ⓞ
716ΔMcDowell Ray A
720ΔCapital Univ Dormitory
ΔKull John
726ΔFry Geo E Ⓞ
729ΔReeves Mary M Mrs
733ΔHouseholder F Earl
737ΔOgan Mark H Ⓞ
738ΔCooper Gladys Mrs
740ΔTharp Jas J
741ΔWarken Victor J
746ΔChesnut Bert J
748ΔTaylor Weldon H
751ΔStine W Leroy Ⓞ
752ΔHelmick Dale J Ⓞ
760ΔSnyder Louis P Ⓞ
761ΔHartman Emma Mrs Ⓞ
766ΔMayer Fredk C Ⓞ
767ΔOrr Grover L Ⓞ
773ΔHartman Lettie F Mrs Ⓞ
Astor av Intersects (ws not open)
783ΔBoesch Anna J Mrs Ⓞ
786ΔStropes Edw N Ⓞ
793ΔClark Walter M Ⓞ
801ΔPetzinger Geo Ⓞ
806ΔPeters Ambrose B Ⓞ
807ΔPratt Robt E
812 Licking Martin H Ⓞ
815ΔMcKahan J Edw Ⓞ
822ΔDrumm Edw E Ⓞ
825ΔRibov Jean H Ⓞ
828ΔHeyde Paul J Ⓞ
832ΔKiser Ethel Ⓞ
833ΔDick Carl F Ⓞ
834ΔClark Leslie W Ⓞ
835ΔMartin Walter N Ⓞ
840ΔBarr Harry W jr
845ΔMiller Marvin
850ΔWilkins Ivan L Rev Ⓞ
853ΔThompson Roland W Ⓞ
854ΔKnowlton Arch Ⓞ
856ΔIngram Boothe
859ΔWaddell Saml Ⓞ
860ΔNorris Geo F
862ΔGossenz Cora C Mrs Ⓞ
865ΔEllis Elsa F Mrs Ⓞ
866ΔMyer Ben F
869ΔWilliams Chas R Ⓞ
872ΔPatton John S Ⓞ
875ΔBibler Ina D Mrs Ⓞ
879ΔJones Ray T Ⓞ
884ΔPartsch Donald J
885ΔMacDowell Lyman L Ⓞ
886ΔDickey John F
887ΔWalsh Corinne D Mrs Ⓞ
888ΔVolosin Chas jr Ⓞ
Charles Intersects (es not open)
904ΔMcPherson Dudley contr
905ΔMcKeethan Alton Ⓞ
911ΔHall Florence L Ⓞ
912ΔJennings John T Rev Ⓞ
919ΔLong Chas E
920ΔIsaac Wm H Ⓞ
925ΔGiese Louis P
928ΔCallif Neal Ⓞ acct
931ΔHardesty Geo E Ⓞ
936ΔSojack Andrew S Ⓞ
937ΔAnderson Paul R
943ΔBentley Louis E
946ΔPetzinger Theo J Ⓞ
955ΔMiddleton Wm H Ⓞ
956ΔPound Leroy C Ⓞ
960ΔHarris Alva O Ⓞ
967ΔHill Chester D
970ΔTaber Louis J Ⓞ
971ΔBoggs Robt T
975ΔJoy Russell E
980ΔFeeger Paul H
981ΔKreachbaum Chas L Ⓞ contr
984ΔCrist Clyde L Ⓞ
988ΔLingo Geo A mfrs agt
989ΔHerr Susan Mrs Ⓞ
1002ΔHerr Ralph W confr
132
E Livingston av Intersects
1002ΔBerwick Snack Bar restr
1033ΔKramer John Ⓞ
1079ΔBerwick Sea Food Grill
1079½ΔDine Lucile I Mrs
Castlegate rd ends
Euclaire av ends
1125ΔJewish Community Center The B'nai B'rith Zion Lodge No 62 United Jewish Fund of Cols Cols Hebrew School
1161ΔWeatherington Frank A
S Cassingham rd ends
1179 Vacant
1181 Vacant
1191ΔWebster Lott E Ⓞ pntr
1207ΔHolskey Louie L Ⓞ
1211ΔBennett Adam J Ⓞ
ΔBennett Loretta M Mrs
kennels
1223 Vacant
Medford rd begins (not open)
Medford pl ends (not open)
Brookwood rd Intersects
1372 No return
1400ΔBerwick Golf Course Inc
City limits

35
COLLEGE HILL DRIVE (Upper Arlington) — From North Star av west to Mt Holyoke dr, I north of W Lane av
1458ΔDavis Preston jr Ⓞ
1474ΔZedin Wm Ⓞ
1477ΔRegan Howard C Ⓞ
1482ΔVittur Robt Ⓞ
1485ΔGoold Wm H Ⓞ
1493ΔWeimer Dorothea C Mrs Ⓞ
1498ΔWeaver Homer Ⓞ
1501ΔUhlig Werner Ⓞ
1506ΔBarnes Wendell T Ⓞ
1507ΔHarris Ralph T Ⓞ

COLLEGE HILL DRIVE (UA)—Contd
1512ΔLupidi Albert D Ⓞ
1515 No return
1522ΔMiller Harold R Ⓞ
1523ΔWillis Robt D Ⓞ
1537ΔPepper Wm A Ⓞ
1542ΔBuckley Cletus J Ⓞ
1543ΔBuck Gordon E Ⓞ
1550ΔGlass Thos Ⓞ
1551ΔHennessey Edw M Ⓞ
1557ΔWerner John jr Ⓞ
1558ΔKnode Russell W Ⓞ
1568ΔAtwell Robt J Ⓞ
1578ΔSpafford Thos A Ⓞ
1579ΔWolfe Alma Mrs Ⓞ
1586ΔBundy Clarence S Ⓞ
1592ΔDuncan Emma L Mrs Ⓞ
1593ΔBrown Jack A Ⓞ
1600ΔSeibert Wm H Ⓞ
1608ΔRank Jas Ⓞ
1609ΔSmith Myron P Ⓞ
Mt Holyoke dr Intersects
35
COLLINGSWOOD ROAD (Upper Arlington) — From Northwest blvd west to Coventry rd, I south to W Lane av
1827 Under construction
1837ΔRankin Chas Ⓞ
1848ΔClark Claude L Ⓞ
1851ΔMiller Ronald D
1856ΔOsborne Lloyd L Ⓞ
1857ΔDavis Mansell F Ⓞ
1864ΔRosenow Oscar F Ⓞ
1874ΔWildermuth Roy L Ⓞ
Andover rd Intersects
1886ΔWamsley Jas L
1896ΔByrne Millard F W Ⓞ
1897ΔTuller Bess Mrs Ⓞ
1904ΔWuichet John W Ⓞ
1905ΔLawall Paul Ⓞ
1913ΔKepke Eug F
1921ΔCroxton Frank C Ⓞ
1926ΔPentz Jack B Ⓞ
1929ΔBinder Albert E Ⓞ
1934ΔCott Lawrence W Ⓞ
1937ΔThomas Robt D Ⓞ
1942ΔMinton David C jr Ⓞ
1943ΔBates John N
1950ΔDavis Francis W Ⓞ
1951ΔAtwater Wm C Ⓞ
1959ΔMager John Ⓞ
1964ΔPostle Wendell D Ⓞ
1967ΔDeLong Dwight M Ⓞ
1974ΔHartford Jas H Ⓞ
1977ΔTeach Max K Ⓞ
Henthorn rd begins
1998ΔSaeger Jas L Ⓞ
1999ΔWhipps Rusk H Ⓞ
2007ΔBaker Wm P Ⓞ
2014ΔNicholoy Mabel B Mrs Ⓞ
2023ΔEckelberry Geo W Ⓞ
2028ΔYohe Bess L Mrs Ⓞ
2029ΔCarruthers John L Ⓞ
2036ΔLum D Tod G Ⓞ
2039ΔPeterson Alvah Ⓞ
2044ΔKing Jos S Ⓞ
2052ΔFerguson Edw F Ⓞ
2060ΔJones L Ewing Ⓞ
2074ΔNicklaus Louis C Ⓞ
Coventry rd Intersects
110
COLLINGWOOD AV (Whitehall) — From 3811 E Broad south to E Main
29ΔBerwanger Geo A Ⓞ
33ΔMahringer Otto J Ⓞ
39ΔMickey Jas S Ⓞ
43ΔDavis John A Ⓞ
49ΔPeyton Edwin W
58 Vacant
59ΔDavis Forrest D
60 Vacant
61 Hymrod Edw C
62 Vacant
64 Vacant
66 Vacant
73ΔSlenk Carl R
76ΔOgden Raymond W Ⓞ pntr
79ΔBrown Jasper A Ⓞ
83ΔBateman Chas W Ⓞ
86ΔRay Howard
89ΔStoughton Walter F Ⓞ
92ΔPhillips Rich H
95ΔWise Floyd A Ⓞ
Wise Sls & Serv bldg matls
98ΔPatterson Ripley L Ⓞ
100ΔDodson Lloyd E Ⓞ
107ΔWatkins Saml R Ⓞ contr
110ΔStump Wm H Ⓞ
113ΔThacker Wm T Ⓞ
116ΔNobel Jos Ⓞ
123ΔWilliams Blanche Mrs
126ΔDersch Mary A Mrs Ⓞ
129ΔWright Arth G Ⓞ
152ΔWorkman Lorenzie D Ⓞ

LIVINGSTON AV E (SE Div)—Contd
1066ΔCline's Appliances
1068ΔWarsaski Myer barber
1069ΔBoss Edmond Ⓞ uphol
1070ΔHartupee Arth A dentist
1071ΔGutter Henry J Ⓞ
1072 Vacant
1072½ΔBaker Max
1076ΔArmen Kachig H Ⓞ phys
1077ΔShusterman Donald A dentist
ΔCanowitz Aaron S phys
ΔGoldman Sanford D optom
1079ΔDemmler Carry Out beer
1080 Starkey Eileen Mrs
1081ΔOakwood Confectionery
Oakwood av intersects
1092ΔSun Drugs
1093 Cline's Appliances (display)
1094ΔSwan Odorless Cleaners Inc (br)
1094½ **Apartments**
1ΔRobinson Georgia
2ΔByers Leonard W
3ΔCoey Gordon R
4ΔFloyd Harry
5 Smith Denona Mrs
6ΔRobinson Alvin I
7ΔFranklin Mary D Mrs
8 Brady Ronald
9 Brown Wm L
10ΔLeist Jos D
11 Cropp Fred
Street continued
1097ΔCorbett Mary Mrs bsmt Crist Carl C barber
1097½ Crist Kath
1098ΔAbbott Carl gro
1099ΔHamilton Eunice J
ΔSojeanne Beauty Salon
1099½ΔFowle Robt M
1100 Black Hugh C shoe repr
1103ΔCohagan Hardware Co
1107 King Paul
1108ΔLongo Marie Mrs Ⓞ restr
ΔMcClain Helen M Mrs rearΔLongo Leonard F pool
1109ΔSimmons Judson H Ⓞ
1110 Snyder Margt Mrs
Lanthin Marion E
1111ΔBunte Fred J
Walton al ends
1115ΔRichards Jack W
ΔScottissue Towel Serv of Cols
1118ΔSwarts Chas Ⓞ
1120ΔZartman Karl E
1121ΔDonohoe Wm C
1124ΔSealy Albert H Ⓞ
1125ΔBranson Newell A Ⓞ
1127ΔBrier Florence Mrs gro
1129½ **Apartments**
(A)ΔBickel Nellie M Mrs
(B)ΔKnode Florence Mrs
(C)ΔLeist Ethel N
1130ΔSealy Albert H phys
1134ΔStimmel's Market gros
1134½ΔStevenson Jas A
1135ΔGolco Oil Co gas sta
1136ΔLee Theo T
1138 Vacant
Wilson av intersects
1149ΔGray Arth H Ⓞ
1150ΔShephard Helen M
1151ΔBushman Chas C Ⓞ
1152ΔJordan Clifford L Ⓞ
1153ΔSchumacher Edw R phys
1154ΔHarrison Jas R
1156ΔDeVoll Chas E Ⓞ
1157ΔTheaumont Harry Ⓞ
1157½ΔLowery Chastine
1160 Gompf John W
1165ΔPreine Edna
1166ΔKuntz Rose B Mrs Ⓞ
1169ΔSchmidt Louise E Ⓞ
1170ΔKerstein Simon Ⓞ
1174ΔWolf Roy
1176 Hill Paul E
1178 Vacant
1181ΔMetzger Robt J Ⓞ
1183ΔCroft Leo D
1186ΔPaglione Ermo J Ⓞ
1188ΔPaglione Vincent J Ⓞ
1190ΔCatalfino Cecelia Mrs
1192ΔGugliematto Josephine Mrs Ⓞ
124
Linwood av intersects
1200ΔFry Edgar A Ⓞ phys
1205ΔBlizzard John H
1209ΔBlazer Donald R
LaVille Beauty Shop
1210ΔDunham Ray A
1212ΔJones Howard I Ⓞ
1213ΔSchatzman Chas L
1215ΔFox Rose M
1217ΔBerry Loretta M Ⓞ
1219ΔVanKeuren Paul R
1220 **Apartments**
1ΔZipser Hannah Mrs
2ΔReser Robt F
Apartments—Contd
3ΔReser John R
4ΔSauerbrun Otto O
Street continued
1221ΔChatfield Glenn C
1225ΔBlackburn Clay D Ⓞ
1226ΔHawy Ferris A Ⓞ
1229ΔMcCall Harry Ⓞ
1232ΔMiddendorf Laura G Mrs Ⓞ
1233ΔStetelman Fannie Mrs Ⓞ
1233½ΔGeis Harry H
1237ΔLopper Morris Ⓞ
1237½ΔZimpfer Raymond F
Bedford av ends
Studer av begins
1242ΔDill Harry H Ⓞ
1250 **Apartments**
1ΔSims Wm E
2ΔWood Edgar L
3ΔRhodes Pearl E Mrs
4ΔBarr Ralph L
Street continued
1254ΔStevens Denver
1257ΔBuk Harold
1258ΔBausch Anton P Ⓞ
1259ΔMollard John E
1261ΔCook Vernon P Ⓞ
1265ΔFahrion Ross C
1267ΔPavey Leo M jr
1269ΔHeil Freda
1271ΔColville Geo P
Kimball Place av ends
1273ΔMoore Thos A Ⓞ
1275ΔHuecker Edw J jr Ⓞ
1277ΔMoore Fred
1289ΔClark Burton O gas sta
1292ΔKlotz Louis F
Lockbourne av intersects
1293ΔBarton Homer M gro
1293½ΔRiemer Henry C
Henton Walter C
1297 Stokes Chas shoe repr
1299ΔC & S Carry Out beer
1300ΔRoss Tool Co
1301ΔBowen Blanche Mrs Ⓞ
1302 Vacant
1303 Kool Leonard barber
1304ΔRoscoe Cleaners
1308ΔNeal Howard O
1308½ΔAdams Jas R
1311ΔDavis Jas P Ⓞ
1314ΔWhities Cafe
1314½ΔTeuteberg Wm J
1315ΔKnies Robt W Ⓞ
1316½ΔHilscher Chas R
1317ΔDreyer Vernon H
1320ΔJohnston Marie Mrs Ⓞ
rearΔJenkins Saml D
1321ΔBurington Alf V Ⓞ
1324ΔPfanz Chas W Ⓞ broom mkr
1333ΔRiezer Carroll O
1334ΔPflaum Mary A Mrs Ⓞ
1335ΔB & C Sandwich Shop
ss Miller av intersects
1337ΔWeisskerz Clnrs & Tailors
1338ΔFollmer Fred Ⓞ
1339ΔEleanor Beauty Shop
1340ΔSpangler Harry
1342ΔSensabaugh Geo Ⓞ
1343ΔBurgess Arth L Ⓞ
1344ΔRoss Lloyd
1345ΔMowery Mary L
1346ΔRohr Everett E
1347 Vacant
1348ΔWonder Lester V barber
1348½ΔBaker Jas
ΔKoford Dessie Mrs
1350ΔCunningham Drugs
ns Miller av intersects
1351ΔCourtright Margt E Mrs
1355ΔMcClish Fannie E Ⓞ
1361ΔGlasco Alva Mrs Ⓞ
1362ΔLane Dry Clnrs
1362¼ΔCamp Ruby Mrs
1363ΔWillhite Dora Mrs Ⓞ
1364ΔFoster Ray pntr
1366ΔSmith Philip A jr
1369ΔNussbaum Harriett Mrs Ⓞ
1371ΔManly Wm E
1374ΔWalters Ella Mrs Ⓞ
Ellsworth av begins
1376ΔSpohr Raymond L dentist
1378ΔWolford Genl Repair Service
1378½ΔSeverance Clifford
1381ΔMartin's Kosher Food Mrt
1382ΔGeyer Nicholas Ⓞ
1385ΔThomas Otto
1387ΔHayes Chas N Ⓞ
1390ΔGeyer Louis Ⓞ
1391 Ohio Military Sales war surplus gds
Caney al ends
1405ΔHayes Geo A restr
1406ΔLuft Plumbing Co Inc
1410ΔPetitfour Inc (br) baker
1411 **Apartments**
bsmt Martin Jess
(A)ΔJohnson Virgil H
Apartments—Contd
(B)ΔKimmelman Albert
(C)ΔBradford Floyd F
(D)ΔJohnson Regine Mrs
1413ΔMorgan-Zettler Hdw Co
1416ΔKroger Co (br) gro
1425ΔHarold and Dan's Serv Sta
1426 Vacant
1428ΔGregg Albert B photog
126
Kelton av intersects
1437ΔGetreu Super Service filling sta
1440ΔDeckard's Pharmacy
1442ΔChapdelaine Edmond phys
ΔFisher Jerome phys
ΔFriedman Max J dentist
1444ΔRomoser Wm K phys
1446ΔEstelle Beauticians beauty shop
1450 Cols Glove Co (storage)
1452ΔBenner Body Shop auto repr
1452½ΔGilkerson John J
1455ΔCussins & Fearn Co (br) hdw
1465-69ΔHoffmann's Cleaners & Dyers
ΔBerkman's Bake Shoppe
1467½ Apartments
1 No return
2 No return
3ΔPestel Richd O
4ΔHoffmann Geo
Street continued
1471ΔYoung Jesse J barber
1472ΔFairchild's Dairy Queen
1473 Lindley Wm C
ΔO'Neal Fred W
1475ΔPrize Beauty Shop
1485ΔDysart Homer S filling sta
Lilley av intersects
1490ΔSinclair Oil Station
1500ΔAlbers Super Markets Inc (br)
Berkeley rd intersects
1509ΔPennell L M Plumbing Co
1511ΔVelma's Beauty Shop
1519ΔBaker Realty Co
1532ΔPowell Floyd J
1534ΔCohen Sam
1535ΔSun Flash Oil Co fill sta
1536ΔKeesey Chas A
1538ΔWilkinson Alyce M Mrs
1542ΔSefferle Florence E Ⓞ
1546ΔDysart Homer S
1548ΔLuther Fred S Ⓞ
Geers av begins
1566ΔBevins Royce Ⓞ
1567ΔSegel's Drugs
1572ΔSauer Albert F
1574ΔAppleton Edw W
1577-83ΔLivingston Enterprises Inc sporting gds
1578ΔGraham Harry J
1580ΔPainter Geo V
1582ΔGillespie Chas F
1584ΔDollmatsch John C
1593ΔLivingston Grill restr
1595ΔColumbus Television Lab
1597-99ΔStegner Kustom Built Equipment restr sups
1597½ Stegner Kenneth E
1598ΔLlewellyn Iva S Mrs
Seymour av intersects
1600ΔHayes Wm K jr
1604ΔSolomons Saml J Ⓞ
1609 Rygel Allen J fruits
1612 Kersey Raburn F
1614ΔKreamer Ida Mrs Ⓞ
1615ΔDriving Park Carry Out Beer
1616ΔWhite Albert G
1617 Kunkler Bernard J barber
1618ΔDunlap Walter L
1620ΔGabel John A Ⓞ phys
1621ΔSinacola Sylvester Ⓞ gro
1622ΔBelknap Claude E Ⓞ
1625ΔSinacola Sylvester Ⓞ
1630ΔFarley W Clayton Ⓞ
1634-36ΔRail Fence The restr rear Chari Michl (storage)
1634½ΔWilcox Harry A Ⓞ
1635-37ΔCooper L M Co auto reprs
ΔColumbus Sports Car Co
1636½ΔMiller John W
128
Fairwood av intersects
1649ΔJackson Anna M Mrs
1651ΔDavis Clyde B
1653ΔSmith Lucian S
1655ΔMarburger Geo P
1656 Atkinson Guy O
1665ΔAmbrose Vance R Ⓞ
Buien av intersects
1724ΔHackenberg Geo D Ⓞ
1730ΔHackenberg Hettie V Mrs Ⓞ
1745ΔMurray Edw B
1747ΔRassmussen Everett L
Industrial av intersects
1808ΔSpiers Walter L restr
LIVINGSTON AV E (SE Div)—Contd
1809ΔFout Earl E
1809½ Ept Carl C
1826ΔFarm Crest Bakeries Inc
1850ΔBolender Coal Co
N&WRy overpass
S Nelson rd ends
1882ΔLieb Robt J restr
1883ΔIsannarino Anthony T Ⓞ restr
rear Morrison Geo D Ⓞ
1887 Shaw Clinton confy
1889ΔScholl Cloves hdw
ΔBynum Hobert gas sta
rearΔMeizlish Bros Inc junk
ΔCols Cotton Prods Co waste
ΔBuckeye Sanitary Sup Co waste
1909ΔHoffman Container Co
1919ΔPerma-Flex Mold Co plastic products
1925ΔBexley Decorating Co
1988ΔCummings Paul A Ⓞ
1991ΔKramer Wm E gas sta
2000ΔLieb Carl G Ⓞ
2004ΔEslinger Geo E Ⓞ
2005ΔCraig Trucking Inc
132
Alum Creek dr begins
2030ΔCols Fur Vault
2050 No return
2070ΔPetty John T gro
Mayfield pl ends (not open)
Ferndale rd ends (not open)
Sheridan av ends
2130ΔWebster A C Plmb & Htg
2148ΔBirch Fire Equip Co
2172ΔWebster Milo D auto repr Ⓞ
2182ΔBallanger Robt F gasoline
2183ΔSeymour Bakery Co
2201 No return
2201½ Nicol Alex
2203ΔGaetz Lloyd F Ⓞ
2221 No return
2253ΔGardner Arden E Ⓞ filling sta
College av intersects
Berwick blvd begins
2286ΔViereck Louis F
Francis av ends
Castlegate rd begins
2316ΔBrooke Edw F Ⓞ
2325ΔKnoderer Frank W Ⓞ
2326ΔAndrews Robt J
2327 Vacant
2329ΔKurson Chas J
2331ΔKnoderer Robt W
2337ΔVenook Jos
2338ΔGraham Clifford S Ⓞ
2339ΔGrossman Herbert S
2341ΔStein Irvin
2343ΔGrundstein Richd H
2353ΔChester Marianne F Mrs
2355ΔLortz Geo W
2357ΔMcCool Eleanor Mrs
2359ΔBoughton Don S
2365 **Apartments**
(A)ΔDorey Sidney J
(B)ΔLewis Wm W
(C)ΔForsyth Darwin M
(D) Vacant
2372ΔAmorine Robt E Ⓞ
Euclaire av intersects
2375 McDermott Willard H
2377 McCroy Helen K
2379ΔDill Leslie M
2380ΔFox Chas F Ⓞ
2381ΔHargan David T
2383ΔLemon Herbert R
2388ΔWright Ernie M Ⓞ
S Cassingham rd intersects
Montrose av ends
2416 No return
2419ΔShaw Louis E Ⓞ
2422ΔKaufherr Martin Ⓞ
2428 No return
2429ΔBeall Jos O Ⓞ
2437ΔBoesiger Clara Ⓞ
2449ΔSchneider Carl D Ⓞ
2450ΔBurget Wm C Ⓞ
2455ΔThomas Chas J Ⓞ
2456ΔGoldslager Philip H Ⓞ
2460ΔWarfield Robt A Ⓞ
2466ΔJay Stanley P Ⓞ
2472ΔConning J Keith Rev Ⓞ
S Remington rd ends
Vernon rd ends
2500ΔClawson Alex Ⓞ
2506ΔKass Jos F Ⓞ
2509ΔCooper Luther M jr
2516ΔHamer Harry A Ⓞ
2517ΔSnoddy Harold J Ⓞ
2520 Cohen Jos C
2524ΔScoby John B Ⓞ
2525ΔKrupp Neil W Ⓞ
2533ΔAltermatt Albert B Ⓞ
2536ΔHutchinson Roy A Ⓞ

SHERIDAN AVE 1952

SHERIDAN AV (B)—Contd
654 Williams Zola
656Δ Chambers Martha
657Δ Merz Fred A Ⓞ
658Δ Dunn Anna Mrs
662Δ Wheeler Barbara W Mrs
663Δ Murray Vincent P
664Δ Barrington Bess T Mrs
665Δ Porter Wallace B
666Δ Cooper Edith S
668Δ Krumm Anna R Mrs
672Δ Metzger Emmett E
Δ Jones Harold W
675Δ Cotterman Homer R Ⓞ
676Δ Ellis Oscar O Ⓞ
681 Vacant
691Δ Brodbeck Anna L Mrs Ⓞ
694Δ Ruth Earl C Ⓞ
700 Court Apartments
(A) Δ Modes Jos
(B) Δ Meek Eliz W Mrs
(C) Δ Steffan Jas C
(D) Δ Miller Harvey A
(E) Δ Smith Doris M Mrs
(F) Δ Feldman Jos
701 Apartments
(A) Δ White Nelson T
(B) Δ Reeves Margt Mrs
(C) Δ Knierm John A
(D) Δ Dungan W Baxter
707 Apartments
(A) Δ McGregor Hugh
(B) Δ Bornstein Jacob K
(C) Δ Ballantine Frank G
(D) Taylor Johnson M
713Δ Peterson Edw C Rev
713½ Δ Watson Marshall P
714Δ Zawacky Ralph
716Δ Hannahs Chester H Ⓞ
719Δ Mohr Harold D Ⓞ
721 Vacant
722Δ Trott Fern B Mrs
Δ Auld Mary E
727Δ Goss Adolf Ⓞ
732Δ Papke Earl R
734Δ Hartman Florence Ⓞ
735Δ Jaques Gene P
736Δ Ealy Lester C
737Δ Carey Paul B
738Δ Clutter Jas S Ⓞ
741Δ Martin Rue Mrs
743Δ Kokensparger Carl E
746Δ Haight Harold L
747Δ Magee Lee C
748Δ Martin Kath W Mrs Ⓞ
749Δ Parsons LeRoy Ⓞ
751Δ Lanman Orsie E
753Δ Bender Ivan A
754 Doermann Martin J
755Δ Birkenbach Louis J
756Δ Doermann Gerhard Ⓞ
759Δ Reed D Birney
760Δ Baralla Angelina E Mrs Ⓞ
761Δ Kaiser Fred C Ⓞ
rear Δ Bailey Ralph E carp
762Δ Bracaloni Frank
766Δ Nichols Jos R Ⓞ
768Δ Scher Jos E
Astor av intersects (not open)
774Δ Walters Paul W
776Δ Lloyd Helen M Ⓞ
782Δ Arnold Robt V
784Δ Fuller Vaughn T Ⓞ
798Δ Gamble Edw H
800Δ Denser Wm F
804Δ Ballantine Jack
806Δ Shuman Sidney
810Δ Taylor Wm E Ⓞ
812Δ Morbitzer Herbert
818Δ Reddy Jane B Mrs
820 Bigrigg Wayne E
824Δ Grossman Arth H
826Δ Liefeld Erwin A
831Δ Enenkel Florence Mrs Ⓞ
834Δ Moebius John C
Δ Berliner Jules B
840Δ Armstrong Alf V Ⓞ
845Δ Stebelton Helen Mrs
847Δ Krueger Theophil A Rev Ⓞ
853Δ Pickering Lafayette D Ⓞ
856Δ Anastos Frank Ⓞ
857Δ Benedict Paul N Ⓞ
861Δ Wacker Norbert P Ⓞ
862Δ Freeman Thos D Ⓞ
866Δ Butterfield Marcella
868 Brown Bernard M
870Δ Condon Robt W
871Δ Morrison Murdo Ⓞ
872Δ Strawser Jack N
875Δ Schneider Frank Ⓞ
876Δ Johnson Walter A
878Δ West Leroy F Ⓞ
882Δ Cronin Harry M
884Δ Baxter Lowell C Ⓞ
885Δ Hirsch David D Ⓞ
Charles begins
896 Vacant
898Δ Sobel Lee
899Δ Althaus Geo J Ⓞ
900Δ Pancoast Donald F
902Δ Gahr Wm T
905Δ Moorehead Byron Ⓞ
908 Vacant
910Δ Farley Robt J Ⓞ
911Δ Culp Arlus D Ⓞ contr
912Δ Groby Frank
914Δ Groby Wilbur D Ⓞ
916Δ Keene Elmo K Ⓞ
918Δ Keene Elmo M Ⓞ
923Δ Prisk Thos J
925Δ Prisk Thos J jr
928 Opper Geo Ⓞ
930Δ Mercer Oscar E
931Δ Kramer Edw T Ⓞ
933Δ Dye Horace F Ⓞ
936Δ Mason Carl E Ⓞ
937Δ Smith Edw D
938Δ Erwin Robt P Ⓞ
939Δ O'Hanlon Jas Ⓞ
940Δ McKinley Wm B Ⓞ
943Δ Buoni Emilio J
945Δ Bennett Harry J
946Δ Howard Chas F
948Δ Danison Wm G
951Δ Bishop Robt S Ⓞ
954Δ Mulligan Thos J
Δ White John K
956Δ Wilson Jas J Ⓞ
959Δ Bruno John F Ⓞ
960Δ Pagnard Robt B
962Δ Crist Wilbur E
963Δ Gardine Allen R
965Δ Goldthwaite Allen B
966Δ West Jay B
968Δ Dewey Marshall B
969Δ Sawin Ruth H Mrs
971Δ Spohn Ronald
974Δ Henry Eldon I Ⓞ
976Δ Hickey Delmar
E Livingston av intersects

83

SHERMAN AV (NW Div) — (Changed to Chambers rd)

118

SHERMAN AV (SE Div) — From 1251 E Broad south beyond Gustavus lane (not open between Oak and Franklin av)
E Capital intersects
26Δ Seaman Carl B
28Δ Shadwick Maynard
29 Vacant
30Δ Coen Clara H Mrs
31Δ Moriarty Mary C
32Δ Flattery Phillips
34Δ Harman Wm S
36Δ Workman Chas A Ⓞ
37Δ Burke Walter S Ⓞ
43Δ Gillen Harry J acct
45Δ Clark Harriet A Mrs Ⓞ
Madison intersects
56Δ Thompson Wm U Ⓞ
60Δ Weber Edna Mrs
61Δ Bowen Chas H carpets
Δ Andre Clara Mrs
62Δ Nelson Harley B
65Δ Budd Geo L
66Δ Bristol Chas E
69Δ Spiller Geo A Ⓞ
72Δ McClellan Ernest B Rev
73Δ Svehla Jos G Ⓞ
75Δ Long John
Lake al intersects
77Δ Weaver Jos W Ⓞ
Fair av intersects
115Δ Gettig Wilbur A Ⓞ
116 Williamson Geo A
118Δ Kimble Edw U Ⓞ
121Δ Dufore Dorothy Mrs
122Δ Weidemeyer Robt J Ⓞ
125Δ George John W
127Δ Thompson Geo W
130Δ Cotter Garrett P
132Δ Lust Edwin L
132½ Δ Brawley Wm
135Δ Marshall E Geo Ⓞ
136Δ Uhl Edna F Mrs Ⓞ
137Δ Bukey Lee E Ⓞ
137½ Δ Moore Jack N
Agate al intersects
140 Vacant
143 Sherman Apartments
1Δ Perkins Norman P
2Δ Hornlocker Lena M Mrs
3Δ McInnes Clifford
4Δ Heise Jas A
5Δ Fisher Florence H
6 Kennedy Elmer L
Street continued
148Δ Lavely Edith M Ⓞ
150Δ Kehrer Sara M Mrs Ⓞ
151 Sherman Apartments
bsmt Vacant
1Δ Fassig Earl O
Sherman Apts—Contd
2Δ Neff Carl G
3Δ Heim Wm A
4Δ Williams Minnie S
5Δ Bancroft Mary E
6Δ Marsh Hugh P
Street continued
152Δ Herrman Nola Mrs Ⓞ
Oak intersects

120

(Not open between Oak and Franklin av)
Franklin av intersects
Gustavus lane intersects
227Δ Slade John A
231Δ Williams Rosel R
235Δ Gooch Melvina Mrs Ⓞ

37

SHERWIN ROAD (Upper Arlington)—From Leeds rd north
2475Δ Poulton Donald S Ⓞ
2495 Under construction
2505 Under construction
2515 Under construction
2525 Under construction
2544 Schambs Geo H
2545 Under construction
2546Δ Seibert Howard S Ⓞ
2560 No return
2561Δ Conn Jas J
2568 Sanor Danl G
2575Δ Stine Geo T Ⓞ
2580Δ Wise Chas V
2610Δ Davies D Paul

114

SHERWOOD ROAD (Bexley) — From 510 S Drexel av east to beyond S Chesterfield road
2303Δ Emmons Thornton
2305Δ Frommeyer Josephine M Mrs
2311Δ Holzmer Jeannette F Mrs Ⓞ
2322Δ Meier Arth W Ⓞ
2325Δ Long Robt W Rev
2328 Vacant
2333Δ Menefee Chalmer C Ⓞ
2334Δ Kull Edw Ⓞ
2340Δ Brown Arth L Ⓞ
2347Δ Skinner Walter W Ⓞ
2348Δ Brown Mary E Mrs Ⓞ
2355Δ Garrison Lewis Ⓞ
2356Δ Kaemmerer Edw Ⓞ
2363Δ Kochensperger Clara E Mrs
2364Δ Dunnick John T Ⓞ
S Dawson av intersects
2379Δ Helsley Caroline M Mrs Ⓞ
2384Δ Jensen Christian A Ⓞ
2389Δ Cook Ernest C Ⓞ
2390Δ Nieman Helen C Mrs Ⓞ
2394Δ Joyes Thos Ⓞ
2397Δ Snider Russell B Ⓞ
2400Δ Levine Geo N Ⓞ
2409Δ Johnson A Beaumont Ⓞ
2414Δ Baron Gerald S
2415Δ McCann Nellie G Mrs Ⓞ
2424Δ Roberts Matthew G Ⓞ

112

S Cassady av intersects
2445Δ Yantis Edw J Ⓞ
2448Δ Brisley Louise Mrs Ⓞ
2453Δ Sutton Forrest W Ⓞ
2456Δ Stanley Earl R
2461Δ Koby Walter J
2464Δ Harrington Florence D Mrs Ⓞ
2467Δ Butterworth Alfarette J Mrs Ⓞ
2468Δ Plumer Ray B Ⓞ
2475Δ Durham Edwin R Ⓞ
2476Δ Murtaugh Marie Mrs Ⓞ
2481Δ Lorenz Aug Ⓞ
2482Δ Hanford Edw C Ⓞ
2488Δ Coyne Louis F Ⓞ
2491Δ Tucker Jos M
2498Δ Mark Louis Ⓞ
2503Δ Rostofer Freeman A Ⓞ
2504Δ Stedem Edwin J Ⓞ
S Cassingham rd intersects
2523Δ Goldsmith Chas C
2524Δ Reed Roy R
2532Δ Doersam Geo A Ⓞ
2535Δ Guerin Duane D Ⓞ
2538Δ Lime Bordly W Ⓞ
2545Δ Weiss Jos F Ⓞ
2548Δ O'Donnell Raymond J Ⓞ
2551Δ Emig Herman E Ⓞ
2556Δ Sugar Jos A Ⓞ
2564Δ Krakoff Morris A Ⓞ
2567Δ Gutter Julius Ⓞ
2570 Vacant
2578Δ Rappold Geo E Ⓞ
2587Δ Love Margt
2590Δ Mayer Nathan Ⓞ
S Remington rd intersects
2601Δ Perrini Edw P Ⓞ
2604Δ Rhodes Wm M Ⓞ
2607 Harnett Wm
2620Δ Lewis Jas C Ⓞ
SHERWOOD ROAD (B)—Contd
2625Δ Rowlands Fred W Ⓞ
2630Δ Klages John W Ⓞ
2635Δ Marcus Julian M Ⓞ
2640Δ Wolfe John W Ⓞ
2645Δ Feinknopf Mark D Ⓞ
2648Δ Barnebey Oscar L Ⓞ
2655Δ Rosenfeld Dave Ⓞ
2658Δ Mellman Jacob Ⓞ
2667Δ Souder Walter R Ⓞ
2670Δ Seidensticker Eliz Mrs
2685Δ Horen Soghikian M Ⓞ
2690Δ Altman Norman J Ⓞ
S Roosevelt av intersects
2700Δ Hamblin Robt E Ⓞ
2703 Vacant
2715Δ Gersten John Ⓞ
2716Δ Gantner Belle M Mrs Ⓞ
2721Δ Gerstenfeld David L Ⓞ
2724Δ Sagett Leonard H Ⓞ
2731Δ Cochrane R Kyle Ⓞ
2732Δ Schatenstein Albert I Ⓞ
2737Δ Rhoten Harold G Ⓞ
2745Δ Jacobs Arth L Ⓞ
2746Δ Ruben Bernard Ⓞ
2753Δ Gutter Melvin Ⓞ
2754Δ Granat Robt M jr Ⓞ
2759Δ Coady Edwin T Ⓞ
2762Δ Gumble Morton D Ⓞ
2767Δ Moore Robt L Ⓞ
2770Δ Shaman Sol D Ⓞ
2775Δ Barkan Irwin W Ⓞ
2778Δ Isaac Rosalie D Mrs Ⓞ
Bexley City limits

110

S Gould rd intersects
2787Δ Halliday Mary F Mrs
2788Δ Lemmon Thos A
2789Δ Miller Helen T Mrs
2790Δ Gickler Lawrence V
2792Δ Wilcoxson Jas H
2793Δ Whittenburg A Ernest
2794Δ Wieland Harry A
2795Δ Berry Gladys
2797Δ Ims Chas
2799Δ Holmes H Burdette
2802 Apartments
(A) Δ Gall Francis E
(B) Δ Wright Bea Mrs
(C) Δ Brown E F
(D) Δ Clevenger Margt D Mrs
2803Δ Lindenberg Charlotte
Δ Duffy Wm H
2806Δ Ulrey Gladys M Mrs Ⓞ
2809Δ Ebinger Esther H Mrs
2812Δ Jones Ralph L
2814Δ Havens John F
2815Δ Ellington Arlina M Mrs
2816Δ Gall Elmer R
2818Δ Ross Chaney D
2819Δ Stewart Paul L
2821Δ Hayes Vera H Mrs Ⓞ
2822Δ Vigor Walter S
2824Δ Ready Ann
2825 Apartments
(A) Δ Jordan Ralph L
(B) Δ Ohlemacher Philip Z
(C) Δ Evans David L
(D) Δ Goetz E F
2830 Apartments
(A) Δ Lichtenberg Margt W Mrs
(B) Δ Young Hoover
(C) Δ Simpson Inez Mrs
(D) Δ Morris Marie C Mrs
2833Δ Ferguson Jos T
2835Δ Germain Warren F
2837Δ Fink Gregg C
2838Δ Burgbacher John J
2839Δ Carroll Geo W
2840Δ Miller Warner E
2842Δ Cannon Carl
2844Δ German Robt L
2845Δ Weider Eug R
2847Δ Drugan Lucille A Mrs
2848Δ Hannum Norman E
2850Δ Norton Philip H
2852Δ Leonard Jas M
2853Δ Miles Helen P Mrs
Δ Smith Fred C
2854Δ Porter John C
2857Δ Saiter Louisa B Mrs Ⓞ
Δ Schwenker Cora A Mrs
S Chesterfield rd intersects
2860Δ Campbell Harriet W Mrs Ⓞ
2862 No return
2864 No return
2866Δ Klotts Edwin P Ⓞ
2869Δ Hanson John N
Δ Carpenter Cecile M Mrs
2872 Apartments
(A) Δ Kastner Clara C
(B) Δ DeMers Romeo F
(C) Δ Kelley Walter S
(D) Δ Hayes Cath
2875Δ Reiling Richd B Ⓞ
2877Δ Reichelderfer Roy
2878Δ Fullerton Dwight L jr
2879Δ Lukanovic Victor D

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

CHARLES ST 1947

CHAPEL W (SW Div)—Contd
503ΔWilson Amanda R Mrs ⓞ
504ΔClayborn Pearl A Mrs
506 Moses Fred D
Mead al intersects
509ΔWhittaker Alex ⓞ
510ΔHarden Lawrence
510½ Pearson Melvin
513ΔBarber Warren ⓞ
514 Moses John ⓞ
515ΔDungey Jas A ⓞ
518 Graham Allie W Mrs
521 Charles Jas C ⓞ
523ΔKnight Lulu Mrs ⓞ
528 Rains Carpet Cleaning Works (whse)
530ΔWycuff John K
531 Chrysinger Harry A
533ΔCollins Howard C ⓞ
534ΔDavidson Marie A Mrs
S Mill ends
536ΔPaluszewski Viola S
S Gift intersects
563-69ΔRains Carpet Cleaning Works
567½ Apartments
1 Lambert Larence
2 Murphy Michl J
3ΔSchumacher Harold
4 Ashworth Blanche Mrs
Street continued
577 Chappel Mabel
579ΔJones Geo H ⓞ
S Skidmore intersects
604ΔKnipfer Alice Mrs
606ΔDelaney Winifred M Mrs
610 Hewitt Alvin S
611ΔKennedy Kath Mrs ⓞ
611½ Davis Jethro H
612ΔSnyder Bessie L Mrs
615 Pfeifer Harley A ⓞ
616ΔHolsten Chas ⓞ
617 Taylor Jerry
618 Steele Cecile F Mrs
621ΔHerold Paul W ⓞ
622 McGhee Franklin J
624ΔMartin John J ⓞ
625ΔSlaven Florence Mrs ⓞ
628 Lohr Herbert E
630ΔSmith Earl P
S Grubb intersects
641ΔHook Wm E
642ΔKunkel Fred H ⓞ
643ΔHook Appolonica Mrs ⓞ
646ΔBrollier Jas M ⓞ
647 Baker Earl J
649 Thirtyacre Fred C ⓞ
650 Luckhaupt Lawrence J ⓞ
653ΔKunkel Howard J
654ΔSaunders Alan
657 Kunkel Richd F

53
S Sandusky intersects
687 Miller Louise A
ΔHodges Hallie L Mrs
693 Massie W Earl
693½ Antrobus Emma Mrs
695ΔTodd Arth R
699 Buck Baldwin ⓞ
Plato al begins
704ΔSimes Edw ⓞ
709ΔClary Roy E
711ΔFunk Robt W
712ΔMiller Kenneth R
714ΔOatley Jessie M Mrs
718ΔGoodall Richd W
719ΔWheeler Reuben
720ΔGreen Donald A
721 Reiselt Philip F
722 Frey Geo H
723ΔSix Jessie H Mrs ⓞ
724ΔBrown Wm M
725 Fritch Edw D Mrs ⓞ
726ΔPowell Melvin F
728ΔDeibert Philip H
730ΔShaw Clara Mrs
731 Hoffman Fred C ⓞ
Collins Elijah ⓞ
732 Goslee Wm K
734 Carmedy Frank T
735 Pratt Jefferson ⓞ
736ΔBoyce Alan E
S Green intersects
737 Michel Wilbur F
739 Purdy Wm J
752 Bolln Anna Mrs
754 Ingram Cleveland E
756 Gersbacher Nora Mrs
758 Jackson Robt B
759 Fritchen Alvin E
760 Phillips B W
765ΔIngram Jack
S Davis av intersects
789-91ΔHawkes Hosp of Mt Carmel Sch of Nursing (rear ent)
S Souder av intersects
S Hartford av intersects

11
CHARLES (NW Div) — From 533 Park west to Michigan av
School al intersects
95 Salyer Bert
Armstrong intersects
124 Griffith Everett
134ΔBrown Arth A
136 Foe Benj F
Middle al intersects
Kilbourne intersects
Riordan al intersects
Lake intersects
220 Anderson Eunice
Dennison av intersects
City av intersects
George ends
Henry intersects
346 Quynitchee John R
348 Martin Chaney Mrs
350 Dyer Fred W
350½ Hogg Hobart
351 Sanders Jerry S
Flickinger al ends
352 Conley Wm
352½ Jackson LeRoy
364 Talley Edw
368 Kenney Jas
369 Bundy Harrison M ⓞ
371 Frazier Mitchell C
373ΔVandergriff Thos M ⓞ
377 Burns Susan Mrs
378 Talbert Geo sewer contr
379 Wilson Willie L Mrs
382 McKeever Mert
384 Garmes Silas
387 Johnson Walter ⓞ
rear Page Mildred
388 Crawford John
390 Cordell Alex
391 Powell Clinton L
393 Adams Alex
401 Vacant
407 Howard Maymie L Mrs
410 Cutchins Ruth D Mrs
411ΔHal Jas
rearΔTatley Snelling
412 Phillips Katie
414ΔThomas Arth
416ΔFitts John H
418 Crowder Danl
420 Robinson John
428 Johnson Elva Mrs
Harrison av intersects
442ΔLacey Douglas
444 Young Willis
446 Oakes Harry R
448 Ranson Henry
450 Vacant
456 Yerbey Mary Mrs
462 White Wendell
464ΔHannable Gertrude Mrs
478ΔRobinson Frank ⓞ
482 Miller Esther Mrs
Pennsylvania av intersects
492 Kepley Irene Mrs
505 Stephenson Carrie Mrs
509-21ΔCentral Ohio Bag & Burlap Co
Michigan av begins

130
CHARLES (Bexley) — From Sheridan av east to Kenwick rd, l north of E Livingston av (Not open between College av and Euclaire av)
2201ΔPollock Phillip S
2203ΔHaubert Eug O
2205 Vacant
2207ΔKnox John W
College av intersects
Euclaire av intersects
2395ΔPetty Earl M ⓞ
S Cassingham rd intersects
Montrose av intersects
S Remington rd intersects
Vernon rd intersects
S Roosevelt av intersects
Grandon av intersects
Chelsea av intersects
Bexley city limits
Kenwick rd intersects (not open)

74
CHARLESTON AV (NE Div) — From 5360 N High east beyond Rush av
(Beyond limits)
Morning ends
Foster av ends
Sharon av ends
Rush av ends

26
CHASE ALLEY (SE Div) — From ½ block north of Will alley south to 612 E Livingston av
(No houses)
Will al intersects
E Livingston av intersects

8
CHASE ALLEY (SE Div) — From 325 Oak south to E Town
(No houses)
E State intersects
E Chapel intersects
E Town intersects

69
CHASE AV N (NW Div) — From 2846 W Broad north, 2 west of Hague av beyond Steele av
26 Vacant
27ΔHosler Edw G ⓞ
32ΔTrotter Ralph T ⓞ
33ΔRobinson Elliott D ⓞ
37 Vacant
38ΔJenkins Roy W ⓞ
39ΔKnape Victor H ⓞ
42ΔBrotton Erma I Mrs ⓞ
43ΔOgdin Clyde W
45ΔCompton John P
48ΔGegoff Theo G ⓞ
49ΔMitchell Everett A
53ΔRinehart Chas D
54ΔBaker Lovell L ⓞ
55ΔBinkley Walter F
58ΔOliver Wm P ⓞ
59ΔCreager Marie S Mrs ⓞ
64ΔFry Berton K
65ΔRader Glenn J ⓞ
69ΔBrown Lloyd N
70ΔEickholt Geo J ⓞ
71ΔCunningham Robt B
75ΔChristoff Pando ⓞ
76ΔKight J Cecil
78 Gardner Edith A Mrs
Grace intersects
90ΔCutright Howard F ⓞ
94ΔCorder Loren E ⓞ
97ΔMyers Roger H
98ΔHiggins John A ⓞ
103ΔLooker Jacob S ⓞ
104ΔHaybron Howard G ⓞ
105ΔMead Robt G ⓞ
110ΔPlant Esther L Mrs ⓞ
115ΔEvans Thos M ⓞ
116ΔDavis Harry D ⓞ
117ΔAbram Howard H ⓞ
119ΔAlban Evan ⓞ
120ΔPinsenschaum John G ⓞ
125ΔYoung Elmer A ⓞ
126ΔReed Chas G
129ΔHarlor Dwight H ⓞ
132ΔLee Clarence A ⓞ
135ΔClarkin Wm M ⓞ
136ΔFausnaugh Jesse A
138ΔMcClain Raymond L
141ΔWeber Frank E ⓞ
rearΔHoar Helen A Mrs
142ΔChute Vernon R
144ΔHerbster Robt A ⓞ
145ΔBuchanan Arth E ⓞ
151ΔCannon Wm T ⓞ
154ΔKimball Bertha M Mrs ⓞ
155 Vacant
157ΔFolk Norwood E
158ΔRoberts Walter C ⓞ
Steele av intersects
169ΔBest Otto J ⓞ
170ΔPennell Credit ⓞ
173ΔParker Harry H ⓞ
176ΔGilbert Genevieve H Mrs ⓞ
179ΔBaker Lynn C ⓞ
180ΔDoughty Robt A ⓞ
185ΔOgdin Wm R ⓞ
186ΔLohr Jesse
190ΔHill Chas M ⓞ
195ΔLatham Amine Mrs ⓞ
196ΔNewman Frank M ⓞ
200ΔAnderson Anna M Mrs ⓞ
201ΔHenry Elsie A Mrs ⓞ
202ΔCahill Raymond W
205ΔSevart Harold ⓞ
206ΔVale Wm D ⓞ
211ΔLinville Raymond L ⓞ
212ΔCombs Delano H ⓞ
217ΔLambert Jas R
220ΔRowland Eldon E ⓞ

71
CHASE AV S (SW Div) — From 2845 W Broad south beyond Wicklow rd, 2 west of Hague av (Not open between W Broad and Wicklow rd)
Olive intersects
Postle intersects
Fremont intersects
Wicklow rd intersects
433ΔHill Sarah S Mrs ⓞ
437ΔGortner Wm N
438 Zellner John ⓞ
441ΔCase Carl M
442ΔKessler Bernard A ⓞ
465ΔBentz Elwood E ⓞ int dec

102
CHATFIELD PARK (NE Div) — From Stratford Way north to Maryland av, l west of Chancery Way
421ΔBlair Ray V ⓞ
431ΔBillups Maude Mrs
437 Evans Asa C
Merryhill dr begins
Maryland av intersects

35
CHATFIELD ROAD (Upper Arlington) — From Northwest blvd west to Coventry rd, 3 south of W Lane av
1844ΔDumbauld Kiser E ⓞ
1855ΔBaker Rollo C ⓞ
1858ΔFitzwater John T
1865ΔLummis Jos G ⓞ
1873ΔLeckliter Grace ⓞ
1874ΔLutz W Herbert ⓞ
1879ΔGrener Aug F ⓞ
1880ΔTilton Josephus H ⓞ
Andover rd intersects
1914ΔWilcox Winthrop B ⓞ
1920ΔMulvane Jesse R ⓞ
1923ΔDavies D Paul ⓞ
1926ΔFlick Chas W ⓞ
1933ΔBaas Henry J ⓞ
Wickford rd begins
1936ΔWhite Kath M Mrs ⓞ
1944ΔFife Ray ⓞ
1952ΔTurnbull Wm D ⓞ
1960ΔJenkins Ralph G ⓞ
1966ΔNeal Orville T ⓞ
1969ΔHrobon Emil M ⓞ
1974ΔKeeler Alma A ⓞ
1982ΔDittmer Clarence E
1987ΔClymer Wm R ⓞ
1990ΔCummins Paul J ⓞ
1996ΔHildebrand Margt E ⓞ
2006ΔHohenstine M Delmer ⓞ
Coventry rd intersects

72
CHATHAM ROAD (NE Div) — From 3914 N High east to Granden rd
8ΔHicks Lawrence E ⓞ
N Pearl intersects
20ΔKabealo Geo ⓞ
25ΔBennett Ralph C ⓞ
28ΔFlumerfelt Wm A
33ΔSchob Marion D ⓞ
36ΔCrow Corliss S ⓞ
39ΔThompson Ronald B ⓞ
42ΔBangert Della L Mrs ⓞ
45ΔFindlay Richd C ⓞ
48ΔArnsbarger Howard ⓞ
51ΔOwen Robt H ⓞ
54ΔKuppinger Geo N ⓞ
57ΔMahoney Richd F ⓞ
60ΔSchmokey Otto L ⓞ
65ΔRetz Lamonte H ⓞ
68ΔWurdack Jos ⓞ
71ΔKloman Chas J ⓞ
74ΔWiddoes Carroll C ⓞ
77 Vacant
82ΔWilson John W ⓞ
83ΔShutt Wm H ⓞ
86ΔSmith Robt N ⓞ
91ΔBriggs Robt E ⓞ
94ΔPappas Gus ⓞ
97ΔKraner H Wade ⓞ
100ΔCarlile Percy B ⓞ
103ΔBond Harold G ⓞ
111ΔMcCullough Martin E ⓞ
112ΔBretz Augusta S Mrs
117ΔMonahan Letta Mrs ⓞ
118ΔHarrold Chas F ⓞ
121ΔFowler Fred J ⓞ
126ΔEbright Martha S Mrs ⓞ
132ΔHarrell Cline B ⓞ
135ΔOwen Mary E Mrs ⓞ
138ΔCoyle Wm J ⓞ
Coyle Wm P lawyer
Foster intersects
147ΔLinzell Saml O ⓞ
150ΔKarlsberger Louis F ⓞ
155ΔPersinger Eleanor Mrs ⓞ
158ΔJones Ralph E ⓞ
161ΔLong Ralph L ⓞ
164ΔRyan Carl W ⓞ
167ΔBouic Geo A ⓞ
170ΔLucas Carl H
173ΔSnyder Edw J
178ΔChurch Marvin E
184ΔSwain Leland M ⓞ
187ΔDill Fredk W
188ΔHedrick Earl J ⓞ
193ΔObenchain Saml L ⓞ
196ΔJohnson Theo S ⓞ
199ΔJones Winn
202ΔMcAdams N Marcellus ⓞ
207ΔMcCarthy Chas F ⓞ
210ΔMerrell J Clarence ⓞ
215ΔFlavin Chas E ⓞ
216ΔGels Mark H ⓞ
219ΔBogan Harold L

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

COLLEGE AVE 1947

COLLEGE AV (B)—Contd
681ΔKuhn Ambrose C ⓞ
notary
rearΔCasto Raymond S
690ΔElder John F ⓞ
693ΔKallmerten Leon G ⓓ
699ΔFromm Guy C ⓞ
700ΔShadrach David ⓞ
709ΔTurner Gilbert L
714ΔKuhn Hattie E Mrs ⓞ
716ΔCopeland Merle B ⓞ
720ΔBoys Roland L ⓞ
726ΔFry Geo E ⓞ
729ΔReeves Edw E ⓞ
733ΔHouseholder F Earl
737ΔHarry Lewis E ⓞ
738ΔKapuano Aug R
740ΔYoung Earl S
741ΔWarken Victor J
746ΔChesnut Bert J
748ΔHirsch Fred C
751ΔBesse Saml B jr ⓞ
752ΔBenzin Louise A Mrs ⓞ
760ΔSnyder Louis P ⓞ
761ΔHartman Emma Mrs ⓞ
766ΔMayer Fredk C ⓞ
767ΔOrr Grover L ⓞ
773ΔHartman Lettie F Mrs ⓞ
Astor av intersects (ws not open)
783ΔBoesch Anna J Mrs ⓞ
786ΔStropes Edw N ⓞ
793ΔPhillips Wm M
801ΔPetzinger Geo ⓞ
806ΔPeters Ambrose B ⓞ
807ΔRobinson Jas L ⓞ
812 Licking Rosina ⓞ
815ΔMcKahan J Edw ⓞ
822 Vacant
825ΔBarnes Elsie P ⓞ
828 Rosser Kathryn Mrs
832 Vacant
833ΔFreaner G Robt
834ΔLynde Richd F
835ΔMartin Walter N
840 Shore Frank
845ΔBauerle S Anna Mrs ⓞ
850ΔGlidden Clarence S
853ΔThompson Roland W ⓞ
854ΔHerr Ralph W
856 Isaac Wm H
859ΔWaddell Saml ⓞ
860ΔNorris Geo F
862ΔGossenz Cora C Mrs ⓞ
865ΔEllis Elsa F ⓞ
866ΔSheaf Geo S ⓞ
869ΔWilliams Chas R ⓞ
872ΔRadig Chas J
875ΔBibler Ulysses G ⓞ
879ΔJones Ray T ⓞ
884 Rider John W
885ΔMacDowell Lyman L ⓞ
886ΔDickey John F
887ΔWalsh Corinne D Mrs ⓞ
888 Kinkead H C
Charles intersects (es not open)
904 Yaekle Wm
905 Boggs Lohnie E
911ΔHall David E ⓞ
919ΔOsterman Harold C Rev
925 Vacant
931ΔHardesty Geo E ⓞ
936ΔSojack Andrew S
937ΔField Albert W ⓞ
943ΔDoss Bowman
955ΔLewis Harry H ⓞ
956ΔPound LeRoy C contr
960ΔMiller Carl T ⓞ
967ΔThatcher Don E
970ΔTaber Louis J ⓞ
971ΔMeuser Edwin H Rev ⓞ
975ΔPilcher Mack R ⓞ
980ΔFeeger Paul H
981ΔKreachbaum Chas L ⓞ contr
984ΔCrist Clyde L ⓞ
988ΔLingo Geo A mfrs agt
989ΔHerr Susan Mrs ⓞ
1002ΔHerr Ralph W confr
132
E Livingston av intersects
1033 Kramer John ⓞ
1079ΔBerwick Sea Food Grill
1079½ Dine Lucile I Mrs
Castlegate rd ends
Euclaire av ends
1125ΔPetty Zade R jr ⓞ
1161 Higgins Orville A
S Cassingham rd ends
1179 Metzger Geo D
1181 Marshall Harold A
1191ΔWebster Lott E ⓞ
1207ΔHolskey Louie L ⓞ
1211 Bennett Adam J ⓞ
1223ΔMalone Lee H
Medford rd begins (not open)
Medford pl ends (not open)
Brookwood rd intersects
1372ΔThatcher John T ⓞ
1400ΔBerwick Golf Course Inc
ΔBash Herbert W ⓞ
City limits
35
COLLINGSWOOD ROAD (Upper Arlington) — From Northwest blvd west to Coventry rd, I south to W Lane av
1848ΔClark Claude L ⓞ
1851ΔSecrest Roy J ⓞ
1856ΔOsborne Lloyd L ⓞ
1857ΔDavis Mansell F ⓞ
1864ΔRosenow Oscar F ⓞ
1874ΔWildermuth Roy L ⓞ
Andover rd intersects
1886ΔRobbins Harold F ⓞ
1896ΔByrne Millard F W ⓞ
1913ΔVolka Bess Mrs ⓞ
1921ΔMcBrian John D ⓞ
1926ΔPentz Jack B ⓞ
1929ΔBinder Albert E ⓞ
1934ΔCott Lawrence W ⓞ
1942ΔWilliams J Clare ⓞ
1943ΔO'Neil Alice Mrs ⓞ
1950ΔDavis Francis W ⓞ
1951ΔAtwater Wm C ⓞ
1959ΔMager John ⓞ
1964ΔPostle Wendell D ⓞ
1967ΔDeLong Dwight M ⓞ
1977ΔTice Herman O ⓞ
Henthorn rd begins
1998ΔSaeger Jas L ⓞ
1999ΔWhipps Rusk H ⓞ
2007ΔBaker Wm P ⓞ
2014ΔNicholoy Winford E ⓞ
2023ΔEdkelberry Geo W ⓞ
2028ΔYohe Edwin B ⓞ
2029ΔCarruthers John L ⓞ
2036ΔLum Wm T ⓞ
2039ΔPeterson Alvah ⓞ
2044ΔKing Jos S ⓞ
2052ΔFerguson Edw F ⓞ
2066ΔJones L Ewing ⓞ
2074ΔWolfe Alma E Mrs ⓞ
Coventry rd intersects
110
COLLINGWOOD AV (Cedarhurst) — From 381 E Broad south to E Main
29ΔBerwanger Geo A ⓞ
33ΔMahringer Otto J ⓞ
39ΔMickey Jas S ⓞ
43ΔDavis John A ⓞ
49ΔPeyton Edwin W
59 Davis Forrest D
61 Hymrod Edw C
73ΔDotts Homer W ⓞ
76ΔOgden Raymond W ⓞ decorator
79ΔBrown Jasper A ⓞ
83ΔSmith Vern Mrs ⓞ
89ΔStoughton Walter F ⓞ
92 Phillips Rich H
95ΔWise Floyd A ⓞ
Wise F A & Son contr
98ΔPatterson Ripley L ⓞ
107ΔWatkins Saml R ⓞ contr
rear Vacant
110 Stump Wm H ⓞ
113ΔThacker Wm T ⓞ
123 Williams Frank L
126ΔDersch Mary A Mrs ⓞ
129ΔWright Arth G ⓞ
152ΔWorkman Loranzie D ⓞ
Doney av intersects
166ΔMills Hubert P ⓞ
180ΔHumes Robt W ⓞ
181ΔSteele Nathan ⓞ
188ΔJackson Walter I ⓞ
193 Gheen Homer W ⓞ
198ΔMascari Chas P ⓞ
203ΔHanna Earl B ⓞ
206ΔSoltesz Andrew ⓞ
209 Canfield Geo
rear Drapp Robt K
217ΔConrad John F
220ΔLeaman Albert ⓞ
225ΔBoothe Oscar E ⓞ
226ΔAnthony Paul E
233ΔRaymond Rene H ⓞ
Slip On Towel Co
249 Vacant
253ΔHofmeister Fred T ⓞ
261ΔJaeger Chas A ⓞ
268ΔLyon Leonard ⓞ
271ΔHudson Ralph B ⓞ
278ΔGrosvenor McKinley H ⓞ
290ΔGearry Clarence K ⓞ
293ΔDurflinger Herald G
Electric Service Co contr
Elbern av intersects
306ΔChinn Geo ⓞ
311ΔChappell Wm E ⓞ
314ΔOliver Edmund N ⓞ
320ΔBrown Carl J ⓞ
327ΔHall Jesse R ⓞ
328ΔBrown Oscar L
340 Kinnard Justin W
345 Saunders Artie L
353 Beard Wm G ⓞ
354ΔHupp John E ⓞ
366ΔWeber Jacob F ⓞ
367ΔMolnar Service Co radio repr
Molnar Alf C
380ΔBeck Roy
384ΔMason Alva E
385ΔNewman Marion A ⓞ
389ΔParker Hugh T ⓞ
392ΔVanMatre Robt H ⓞ
397ΔHarrison Walter A ⓞ
398ΔWittman Bernard E ⓞ
401 Boggess Jas L ⓞ
408 Church of Christ in Christian Union
409ΔMcNeilan Etta F Mrs ⓞ
Crawford Floyd M ⓞ
421ΔKitzmiller Emma M Mrs ⓞ
Etna intersects
433ΔGlassburn Geo R ⓞ
437ΔEarly Chas H ⓞ
446ΔGurlo Antonio ⓞ
454ΔAller Vernon H ⓞ
461 Malay Clyde G jr ⓞ
467 Veit Walter L ⓞ
468ΔPatton Woodrow O ⓞ
478ΔJohnson Clifford F ⓞ
494ΔIngle Kenneth J ⓞ
498 Garner Jas L ⓞ
512ΔTreadway Oscar F ⓞ
519ΔKrouse Saml S ⓞ
526 Still Jas W ⓞ
532 Malay Clyde G ⓞ
558ΔStorer Thos J ⓞ
563 Hess David J
569 Vacant
576 Schaffner Homer R
rear Lemaster Raymond A
578ΔSchaffner Clyde B ⓞ
585 Vacant
600 Johnson Talmadge ⓞ
604ΔPatton Geo F ⓞ
624ΔStarrett Chas A ⓞ
Washburn intersects
631ΔWood Merlin P ⓞ
643 Lowry Homer R ⓞ
659ΔStrayer Claude G ⓞ
rear West Ira E
680 Steele Otho ⓞ
687ΔSampson Walter O ⓞ
689ΔJohnson Matilda N Mrs ⓞ
690ΔFox Harry B
ΔFoxy's Beauty Shop
695ΔBrenning Willard P ⓞ
701ΔTaylor Gilbert G ⓞ
707ΔFrederick Chas H florist
712ΔMiller Rollie H ⓞ
Elm begins
727ΔMillizer Wm J ⓞ
733ΔDumond Claude L
739ΔMartin Albert W ⓞ
749ΔMickey Gladys D Mrs ⓞ
755ΔDreher Floyd B ⓞ
778ΔWard Chas G ⓞ
E Main intersects
13
COLLINS AV (NW Div) — From 707 Dennison av west to Ingleside av
228ΔCasuccio Angelo gro
228½ΔPrice Lee H
229ΔBeatty Clair E Rev
231 Wells Robt B
Hunter av intersects
236ΔRoumeliote Christina Mrs ⓞ
237 Rogers Belle Mrs ⓞ
ΔMenz Oscar O
238ΔDavis Lena L Mrs
ΔGraham David W
239ΔGraff Ernest
240 Apartments
1 Huston Lillian Mrs
2 Enright Thos P
3ΔHumphreys Elsie L Mrs
4ΔRodgers Wm J
5 Davis Robt V
6 Cofer Merrill W
7 Dean Alf T
8 Ankrum Wm J
Street continued
241ΔPaul Charlotte Mrs furn rms
243ΔFoster Wm R ⓞ
244ΔChirakes Geo K ⓞ
245ΔWishon Chas A
ΔWishon Harry K
246ΔLarimer Geo M
247ΔWilson Edison C ⓞ
Highland av intersects
252ΔDunlap Frances P Mrs ⓞ
Bowker Lester A
254ΔPaas Edw
15
Neil av intersects
292½ Daniels Chester B
COLLINS AV (NW Div)—Contd
294ΔWoods Ida gro
294½ Norris Hiram R
295½ΔIams John W
297 Craig Frank E
300ΔDavis Jas E
308ΔTaylor Ruth ⓞ
Henry intersects
337ΔCochenour Lee O
339ΔBrown Milburn H
341 Gallagher Una M Mrs
345ΔBalling Patk A
347ΔRamondelli Saml F
349 Zari Alfredo
Delaware av intersects
382ΔMcCampbell Ernest J ⓞ
386ΔSmith Arth E
387 Graham Ellen M Mrs
Pelly al intersects
389ΔNelson Neva Mrs
390ΔSmith Jas W
392 Stevens Saml H
394 Demons Geraldine S
Harrison av intersects
Neil av intersects
430ΔGlover Jerry
435 Crump Mathew
436ΔGermany Mettie L Mrs
437ΔMarshall Elijah
438 Slade Thurman
439 Parks Albert
441ΔGarrett Roger
443 Leftwich Fredk L
445 Cass Geo L
447 Coulverson Della
449ΔWinston Eloise Mrs
451ΔWingo Harley E
453 Hines Henry
455ΔBanks Wm
457ΔHancock Lonnie G
Pennsylvania av intersects
480ΔDeBellis Peter ⓞ
482ΔHatfield Carrie Mrs ⓞ
486ΔBoggioni Guido J ⓞ
487 Fugate Thos S
489ΔBurston Robt
Michigan av intersects
537 Vacant
Ingleside av intersects (not open)
35
COLUMBIA AV — Changed to Waltham rd
104
COLUMBIA AV N (Bexley)—From 2300 E Broad north to Margaret (not open between Delmar dr and Avalon pl)
30ΔSchmitz Edwin H ⓞ
43ΔWestwater Wm K ⓞ
52 Pindsfoos C S
60 Vacant
63 Bulen J Elwood ⓞ
Clifton av intersects
91 Vacant
107ΔFay Perry S ⓞ
129ΔKnies Phillip T ⓞ
South Commonwealth Park intersects
North Commonwealth Park intersects
200ΔHildreth Louis R ⓞ
253ΔHoster Helen H Mrs ⓞ
260 Wolfe Wm C
271ΔDargusch Carlton ⓞ
270ΔStevens Fred C jr
Boston av intersects
296ΔSalsich Nell E ⓞ
301ΔBlakey Halbert B ⓞ
316ΔElberfeld Wm M ⓞ real est
317ΔMiller Roland W ⓞ
326ΔDobson Schuyler C ⓞ
344ΔHamilton Eliz L Mrs ⓞ
Maryland av intersects
393ΔNissen Alice E ⓞ
403ΔWilliams John F ⓞ
415ΔCannata John M
Ruhl av intersects (not open)
499ΔThacker Orrin jr
Caroline av intersects
Delmar dr begins
106
(Not open between Delmar dr and Avalon pl)
Avalon pl intersects (ws not open)
Margaret intersects (ws not open)
605ΔRogers Otis C jr ⓞ
622ΔStClair Wm T ⓞ
627ΔKlein Fredk J ⓞ
630ΔGillespie Thos J ⓞ
635 Joyce Willard ⓞ
636ΔSmith Geo L ⓞ
643ΔSeeskin Philip ⓞ
644ΔToland Alvin A
652ΔCapretta Robt J ⓞ
658ΔPool Byron W ⓞ
666ΔDoelker Howard L ⓞ
673 VanDyke Ralph H ⓞ

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

LIVINGSTON AVE E 1947

LIVINGSTON AV E (SE Div) — Contd
1630ΔFarley W Clayton ⓞ
1634-36 Wilcox Harry A restr
1634½ΔWilcox Harry A ⓞ
1635-37ΔCooper L M Co Inc auto reprs
1636 No return
rear S & W Polishing Co
1636½ Miller John W
128
Fairwood av intersects
1649ΔJackson Espie C
1651ΔHenley Forrest F
1653ΔSmith Lucian S
1655ΔMarburger Geo P
1656 Terry Robt
1665ΔAmbrose Vance R ⓞ
Bulen av intersects
1724ΔHackenberg Geo D ⓞ
1730 Hackenberg Geo W ⓞ
1745ΔMurray Edw B
1747ΔKlingler Walter F
Industrial av intersects
1809 Thorne Arth F
1809½ Ept Carl
1813 Vacant
1850ΔBolender Coal Co
N&WRy overpass
S Nelson rd ends
1882ΔPrice Raymond restr
1883ΔIsannarino Anthony T ⓞ restr
rearΔSchall Wm M ⓞ scales
1889ΔChecker Oil Co fill sta
rearΔFaberete of America Inc
ΔHoffman Container Co barrels
1931 Checker Oil Co filling sta
1935 Vacant
1944ΔMiller Wm
1950ΔHanford Constr Co
1988 Vacant
1991 Kramer John fill sta ⓞ
2000ΔLieb Carl G ⓞ
2005ΔHolt Jos restr ⓞ
2050 McCoy Clyde
132
Alum Creek dr begins
2066 Kinkead Trucking Co
2070 No return
Mayfield pl ends (not open)
Ferndale rd ends (not open)
Sheridan av ends
2172ΔWebster Milo D auto repr ⓞ
2201-03ΔDulgar Wm H restr
2201½ Perry Ora V
2203 Goetz Lloyd F
2203½ Vacant
2221ΔMcKinley Motor Service auto reprs
2253ΔGardner Arden E fill sta
College av intersects
Berwick blvd begins
2286ΔViereck Emma Mrs ⓞ
Francis av ends
Castlegate rd begins
2316ΔBrooke Edw F ⓞ
2325ΔCarpenter Jas A
2327ΔSommers Virgus S
2329ΔHaught Paul V
2331ΔHartsook Louise
2337ΔMoon R Watson
2338ΔGraham Clifford S ⓞ
2339ΔHinterschied Martin J
2341ΔStein Irvin
2343 Vacant
2353ΔChester Maryanne Mrs
2355 Haab Elmer A
2357ΔMcCool Eleanor Mrs
2359ΔHammond Cath F
2365 Apartments
(A)ΔMiller Earl M
(B)ΔLundberg Robt H
(C)ΔForsyth Darwin M
(D)ΔDenton Maude Mrs
Street continued
2372ΔAmorine Robt E
2374 Vacant
Euclaire av intersects
2375ΔIannarino Leonard J
2377ΔBosworth Cecil E
2379ΔBills Wm J
2380 Midgley Alberta M
ΔKoppelman Saml S
2381 Preston Anna L
2383ΔLemon Herbert R
2388ΔEstes Danl C ⓞ
2394ΔJewett Walter E
S Cassingham rd intersects
Montrose av ends
2449ΔSchneider Carl D ⓞ
2450ΔTrenary Chas R ⓞ
2455ΔKnolls M Gilbert
2456ΔGoldslager Philip H ⓞ
2460ΔGray David ⓞ
2461 Beougher Dennis C
2466ΔJay Stanley P ⓞ
2472ΔLauffer Clarence W ⓞ
S Remington rd ends
Vernon rd ends
2500ΔHeicher Truman L ⓞ
2506ΔMaurath Jos O ⓞ
2509ΔCooper Luther M ⓞ
2530 Vacant
2536ΔHutchinson Roy A ⓞ
2554ΔMadden Donald D ⓞ
2560 Bible C Geo ⓞ
2584ΔBurkhead Jos J ⓞ
2590ΔJudd Phil A ⓞ
2596ΔDuffey Robt M ⓞ
2602ΔBurt Craig O jr ⓞ
2632ΔPaine Mendel ⓞ
2638ΔBrooks Harry M ⓞ
S Roosevelt av intersects
Grandon av ends
2644ΔLingo Robt W ⓞ
2650ΔDurant Alva L ⓞ
Chelsea av ends
2664ΔWise Verner S ⓞ
2670 Murphey Randall M ⓞ
2676ΔCogswell Robt N ⓞ
2696ΔJay Moses M ⓞ
2700ΔCapuano Saverio F ⓞ
Brookwood rd begins
2728ΔWilliamson Turney W ⓞ
2742ΔHill Ann M Mrs ⓞ
2748ΔPhillips Wayne L ⓞ
2751ΔStevenson Martin L ⓞ
2756 Henley Jas
Kenwick rd intersects (not open)
2768ΔInnis Frank C ⓞ
2781 Christ The King Church
Browning av ends
2808 Vacant
2820ΔShearer Paul B ⓞ
2826ΔSunderman Herbert J ⓞ
2832ΔRidgway Vernon J
2840ΔBash Cletus E ⓞ
2852ΔRau Elmer
2864ΔDeutsch Ernest I ⓞ mfrs agt
2870ΔColvin Walter
2878 Poland Burl ⓞ trucking
2882ΔCalland Chas E ⓞ
Kingsbury pl ends
S Lowell rd ends
2904 Howard Wm R ⓞ
2920ΔSchwarz Albert G ⓞ
2926ΔKraner Fred U ⓞ
Wellesley rd begins
2940ΔThomas Edw W ⓞ
2944ΔStock Walter R ⓞ
2950 Turner Paul R ⓞ
2956 Holycross E W ⓞ
2968 Langendorf Wm H
Kenilworth pl ends (not open)
S Kellner rd ends (not open)
Berwick blvd ends
110
S James rd ends
3034 Cols & S O Elec Co (sub sta)
3074ΔShields Elva B ⓞ
3079ΔSowalsky Isaac
3094ΔSchwaigert Wm L ⓞ
Elizabeth av ends (not open)
3105ΔSheline Geo D trucking
3109ΔKaiser John G ⓞ
3110ΔManifold Richd W ⓞ
3153ΔHammond Peter T ⓞ
S Hampton rd ends (not open)
Zettler rd begins
3252ΔSimons Jos W
Barnett rd ends
3415ΔOffenberg Nurseries
ΔOffenberg Paul ⓞ
City limits
83

LIVINGSTON AV W (SW Div)—
From 443 S High west to S Front
5ΔDura Tile Cols Distributors
16 Thompson Sidney M
18 Gaskins Wm A
18½ Alwood Geo A
21ΔFriley Naomi R Mrs
23 Jones Thos
24 Herman Dortha
S Wall Intersects
38ΔSohio Service Station
45 Vacant
51ΔEllsworth Earl E
52 Matties Wm M
124
S Front intersects

LOCKBOURNE AV (SE Div) —
From 1367 E Main south to city limits
447ΔForster Prudence P Mrs
449 Groff Josephine M
McAllister av intersects
E Mound intersects
Engler intersects (ws not open)
E Fulton intersects
Cole intersects
Mooberry intersects
Kent intersects
Gault intersects
782ΔBensheimer Philip J
784ΔTatman Winnie Mrs ⓞ
Newton intersects (ws not open)
792ΔWeis Chris ⓞ
802 Voss Norman R
802½ Stepp Tildon E
136
Livingston av intersects
834 Jones John R auto repr
ΔLockbourne Auto Serv
Denton al intersects
845ΔHoover Anna C Mrs ⓞ
847ΔClawson Homer C ⓞ
850 Jones Greenleaf F ⓞ
851ΔTrent J Wm ⓞ
854ΔSmith Milton A
855ΔBarrett Raymond S ⓞ coal and ice
858ΔFrase Wm C ⓞ
859ΔSanderson John W ⓞ pntr
859½ΔFisher Louis
862ΔLeffler Raymond C ⓞ
rear Frankfort Tool & Mach Co
863ΔCassidy Wm D ⓞ
866ΔAbbott Chas L
868ΔFish Fenton O
869ΔFerry John J ⓞ
870ΔRush Merlin L
872ΔMazza Frank J
877ΔShiers Mary B Mrs ⓞ
878ΔRounsavell Wallace V ⓞ
879ΔComstock Russell F
882ΔSaltzgaber Nina Mrs ⓞ
886 Rambacher Aug ⓞ
ws E Sycamore intersects
889 Campbell Dora B ⓞ
ΔCarter John W
892 Miller Clay E
893ΔSmith Frank H ⓞ
894 Vacant
es E Sycamore intersects
901ΔKinnel Harold B ⓞ
905ΔKatz Saml ⓞ
906ΔJones David S ⓞ
909ΔVoll Ralph E ⓞ
910ΔBenedetti Nellie Mrs ⓞ
913ΔErpelding Marie K Mrs ⓞ drsmkr
914ΔLingafelter Chas D ⓞ
917ΔHarman Harold L
918ΔDiltz Marie M Mrs ⓞ
919ΔLowry Hardy R
921ΔMoore Thos A
922ΔRaduege Elmer R ⓞ
923ΔGirard John S ⓞ
925 Martin Emmet O ⓞ
926ΔTanenbaum Cyrus N ⓞ
929ΔBurlett Chas P ⓞ
932ΔKappes Louis P ⓞ
933ΔVolterman Aloysius M ⓞ
Forest intersects (es not open)
934ΔWard Jack R
938 Viars Venner V ⓞ
ΔHoffmax Max ⓞ
942ΔEppley Walter E ⓞ contr
945ΔBensheimer Henry ⓞ
948ΔHuston Wm R ⓞ
952ΔSmith Raymond G ⓞ
953ΔCarlos Wm C
957ΔGockenbach Howard W ⓞ beauty shop
958ΔMoore Saml J ⓞ
960ΔVance Harry B ⓞ
963ΔKrum Thos J ⓞ
964ΔHuber Carl W ⓞ florist
965ΔReichert Chas J ⓞ
969ΔWharton Olive P ⓞ
971ΔBasil Sterlie ⓞ
973ΔHuston Wilbr O ⓞ
975 Brown Chester J ⓞ
979ΔGoldfarb Louis R
981ΔWeiss Edw
985ΔLortz John V ⓞ
E Columbus Intersects
995ΔGraves Jas W ⓞ gro
996ΔBerrisford Wm E
998ΔNutter Wm H ⓞ
999 Tobin Sol
1002ΔWiseman Carl W ⓞ
1003ΔMitchell John C ⓞ
1005ΔHerbert Jos C
1006ΔGreen Geo L ⓞ
1011ΔMatters Wm T Rev
1012 Hartsook Mollie ⓞ
1013ΔMurphy E Faye ⓞ
1015ΔBercaw Julia E Mrs ⓞ
1017ΔBercaw Atcherson
1019ΔEdelsberg Chas ⓞ
1022ΔArmstrong Geo P
1024ΔWalters Everett L
1025 Stahl Mathew P
1027ΔSherman Lewis
1028ΔMynes Edgar H
1030 Cosman Mike
E Kossuth Intersects

LOCKBOURNE AV (SE Div) — Contd
1038 Apartments
(A)ΔRies Chas T
(B)ΔBurrows Thos J
(C)ΔKinniard Russell E
(D)ΔWilgus John E
Street continued
1042ΔDavis Laura K Mrs
1044ΔLynch Edw E
1048ΔMerring Geo C ⓞ
1052ΔCovel Aaron H
1054ΔLuper Louis ⓞ
1056ΔHoward Paul N ⓞ
1060ΔKidwell Fred T ⓞ
1064ΔAssmann Caroline Mrs
1068ΔVaughn Frank E ⓞ
Stanley av ends
1074ΔAlexander Lester R ⓞ
1076ΔBarnhill Chas A ⓞ
1079ΔDavis Geo W ⓞ
1080ΔPierce Clem ⓞ
1083ΔPottorf Richd L
1088ΔDonaldson Raymond M ⓞ
1089ΔTeegardin Curtis A ⓞ
1092ΔRodgers Sylvester E ⓞ
1097ΔDixon Richd A
1099ΔSchnoor Leonard M
1100 Pratt Harry S ⓞ
1102-04ΔOffice Maurie S confr
138
E Whittier Intersects
1118ΔParker Claude L
1120 Marcum Elmer
1122ΔRozell Loren ⓞ
1130ΔMiller Valentine ⓞ
1136ΔBush Danl F ⓞ
1142ΔHasbrook Jerome J ⓞ
Reinhard av ends
1156 Portisch Leopold W ⓞ
1158ΔHochuli Adolph
1162ΔJoseph Chas H huckster
1164 VanAtta Wm M
1171ΔMoberly Heber H
1172 Voliva Clarence J
1173ΔSmith John P ⓞ
1178ΔGeyer Geo ⓞ
1181ΔBeach Frances L Mrs ⓞ
1183ΔStocklin Herbert F
1185ΔLeupp Fred H
1187ΔRader Geo L
1191ΔLippert John H
1194ΔHeld Norman J ⓞ
1195ΔKemp Clarence R ⓞ
1196ΔBrinkman Edwin P
1199 Smith Raymond E ⓞ
1227ΔJander Herman G
1236ΔFleshman Jos F ⓞ
Strang pl begins (not open)
1268 Beech Sarah E Mrs
1269ΔScholl Barbara Mrs ⓞ
1282ΔAltman John F ⓞ
E Deshler av ends
1290 Altman Donald O
1291ΔStewart Duane W ⓞ
Altman av begins
1295ΔCampbell John W
1297ΔOestreicher Leo F ⓞ
1298ΔStreng Ralph L ⓞ
1301ΔEisman Louis W ⓞ
1305ΔGrossman Fredk M ⓞ
1306ΔStrayer John R ⓞ
1309ΔWardlow John R
1310ΔBurns John P ⓞ
1313 Herrel Robt ⓞ
1314ΔEvans Homer A ⓞ
1317ΔEvans Thos M ⓞ
1318ΔWhitney Marietta E Mrs ⓞ
1321ΔMeier Jos A ⓞ
1322ΔMeinert Emma Mrs ⓞ
1326ΔEvans David H ⓞ
1330 Connett Maude A Mrs ⓞ
1333ΔStreng Anna P Mrs ⓞ gro
1338ΔBell Wm J
1342ΔAlibrando Frank ⓞ gro
1350ΔAlibrando Frank ⓞ
Thurman av ends
1351ΔAbles Robt C fill sta
1354ΔKrumm Curtis A ⓞ
1358ΔElliott Richd R
1362ΔBowen Leola D Mrs ⓞ
1366ΔSpicer Frank M ⓞ
1367 Kunzi Elsie Mrs ⓞ
1370ΔMerry Chas A ⓞ
1374ΔArn Warner P ⓞ
1382 Neeley Edw ⓞ
1387ΔGraves Jas W ⓞ
1390ΔSuch Wm R ⓞ
1398ΔHolderman Muriel Mrs ⓞ
McCloud rd begins
1409ΔGirard Josephine A Mrs ⓞ
1414ΔBaumann Wm A ⓞ contr
1420ΔEnderle Edw G ⓞ
1421ΔMcCloud Peter E ⓞ
1426ΔWebster Thos ⓞ
1432ΔStecker Cecelia A ⓞ
1439ΔTrott Carl ⓞ
E Gates intersects

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

SHERIDAN AVE 1947

SHEFFIELD ROAD (NW Div)—
Contd
180ΔHouck Gilbert J ⓞ
185ΔGraf Wayne J ⓞ
Olentangy blvd intersects
31
SHEFIELD AV (NW Div) — (Changed to Girard av)
144
SHELDON AV (SE Div)—From 1400 Bruck east to Lockbourne rd (not open between city limits and Lockbourne rd)
263ΔEvans Richd B ⓞ
266ΔEberts Howard H ⓞ
269 Clements Wm T
270 Boettcher Otto C ⓞ
273 Schrader Thos
274ΔDoersam Arth A ⓞ
277ΔWard Wm T ⓞ
Ward Howard F
278 Malone John V ⓞ
281ΔHahn Jos ⓞ
284ΔByers Homer F ⓞ
287ΔLang Geo P ⓞ
290ΔBarrett Cornelius D ⓞ
293ΔKrupick Thos F ⓞ
294ΔSturgill Earl V
299ΔHugoniot Edna E Mrs ⓞ
300ΔVarney Arth W ⓞ
Eighth intersects
309ΔWeldon Jos F ⓞ
310ΔSchmitt John A ⓞ
315ΔCallaghan Cornelius J ⓞ
316ΔGoetz Jos F ⓞ
319ΔBrady Wm A ⓞ
320ΔBright Mary L
323ΔDurrett Harry T ⓞ
324ΔHarrold Lieutellis ⓞ
327ΔScanlan Chas A ⓞ
Wemlinger Wm
328 Weatherington Richd ⓞ
331ΔMadlener Louis J ⓞ
332ΔBrodbeck Elmer O ⓞ
335ΔGleich Philip J ⓞ
338ΔMohr Robt G ⓞ
341 Randall Raymond J
342ΔMoltrecht John H ⓞ
rearΔCapitol Door Closer Co
345ΔBeggrow Carl C ⓞ
346ΔElliott Chas O ⓞ
349ΔEly Marion F ⓞ
350ΔWittlinger Edna E Mrs ⓞ
354ΔQuesenberry Cleveland S ⓞ
355ΔDever Clara E Mrs ⓞ
ΔBarnhill Edwin R
357ΔEckstorm Blanch G Mrs ⓞ
ΔChoquette Norman J
360 Dornsife Fern E ⓞ
362ΔZiemer Chas D
363 Gavin Frank J ⓞ
364ΔThompson Merl
367ΔMyers Jas H ⓞ
368ΔBranscomb Wm D
371 Babbert Frank J ⓞ
372 Fritz Wm J
374ΔButler Mathew A
375ΔFelkner Geo W ⓞ
376 Decker John F
378ΔPeterson Frank S
S Washington av intersects
391ΔEdgar David J ⓞ
395 Rowland Chas A
397ΔBennett Russell E
399 McCulloch Wm
401ΔSmith Thos D
403ΔSkrobrak Michael L ⓞ
405ΔSwonger Floyd R ⓞ
409 Snyder Clay ⓞ
415ΔAnderson Jas R
ΔTraxler Geo H carp
416 Omar Bakery (medical clinic)
419ΔYoung Henry H ⓞ
420 Omar Bakery (uniform dept)
423ΔSisson Viola ⓞ
429ΔSaunders Jackson D ⓞ
148
Parsons av intersects
Lisle al intersects
481 Turner Carl D ⓞ
484ΔDerr Wm F ⓞ
485 Hayes Lawrence W ⓞ
488ΔHunt Fredk L
489ΔMorrison Raymond I ⓞ
490ΔKielmeyer Peter H
494 Stewart C Carl
495 Burns Thos C ⓞ
496ΔCacciatore Cesar ⓞ
Wager Intersects
504 Montoney Kermit
506ΔMontoney Edw H ⓞ
507ΔGreen Arth G ⓞ
514ΔMiller Herman ⓞ
515ΔHite Jas F ⓞ
517ΔMartin Clyde L
518ΔColegrove Harold R ⓞ
521 Kessler John A ⓞ
522ΔSwisher Bertha G Mrs
523ΔMcLaughlin Bertha Mrs
526ΔHegedus Jos M ⓞ
527 Lane Chas A ⓞ
530ΔScherl Frank X ⓞ
533ΔMoore Minnie L Mrs ⓞ
534ΔFry Anna L Mrs ⓞ
535ΔMcMahon John ⓞ
Ann Intersects
549ΔWalter Carl E ⓞ
550 Vacant
553ΔSopher Dalton W
554ΔFitzsimmons John A ⓞ
557ΔPitsenbarger Cletus B ⓞ
560 Wilson Aaron ⓞ
561ΔGardner R Eug ⓞ
564ΔDlacich Peter ⓞ
565ΔNeff Alvin J
568ΔCoverdale John G ⓞ
569ΔWeller Gurney E ⓞ
572 Hooper Chas A ⓞ
578ΔMcCormick Frank C ⓞ
579 Kletrovets Chas ⓞ
583 Shoemaker John ⓞ
584ΔWunderlin Robt J ⓞ
S Seventeenth Intersects
595ΔStickelmier Walter J ⓞ
596ΔZimpfer John C ⓞ
599 Swartz Jack L
600 Kimberley Kenneth C
604ΔDenton Oscar R ⓞ
607ΔBartha Julius ⓞ
608ΔSauer John M ⓞ
614 Johnson Floyd M
618 Marte Elmer W ⓞ
621ΔBluhm Fred ⓞ
622 Casey Danl M ⓞ
623ΔBachtel Raymond H ⓞ
626ΔGinnicks Owen ⓞ
627ΔWeibel Ida M Mrs
629ΔGillotte Clyde A ⓞ
630ΔTodd Wm M ⓞ
S Eighteenth Intersects
639ΔHeinmiller John E ⓞ
640 Vacant
645ΔHorcher Ann M ⓞ
646ΔWilson David W ⓞ
649 Allen Earl J ⓞ
rear Barhart Edw pntr
650 Murray Robt M
653ΔGobert Hubert R ⓞ
656 Eckle Carl W ⓞ
659ΔDerouaux Jos J
660ΔHerboltzheimer Tobias ⓞ
663ΔMiller Louis ⓞ
666ΔAloia Ersilio ⓞ
669ΔWolfe John H
670ΔFeustel Ada M Mrs ⓞ
674ΔStanton Lawrence C ⓞ plmbr
S Nineteenth Intersects
683ΔButz Jesse ⓞ
686ΔNicholsons Vernon R
688ΔWinton Ralph E
690ΔTaylor Robt S ⓞ
692 Tigyer Lance E
694ΔWade Harry E
696ΔMosic Neil
699 Huffman Ruth V Mrs
700ΔUfrey Hubert L
702ΔBethel Leslie E
706 Maselli Ralph A
710ΔFry Lawrence M
716ΔVoll Urban C ⓞ
720ΔMercurio Jos A ⓞ
730 Vacant
City limits
(Not open between city limits and Lockbourne rd)
Oakwood av intersects (not open)
Wilson av intersects
Linwood av intersects (not open)
Studer av intersects (ss not open)
Lockbourne rd intersects
7
SHEPHERD (SW Div)—From 25 S May west to S Sandusky
S Mill Intersects
545 Slagle Mildred A Mrs
547 Schumacher Fred
549 Mathews Richd N
551 Redd Margt R Mrs
553 Graessle Herbert B
555ΔDruggan Earl F
S Gift Intersects
574 Shelton Orville H
576ΔSwartz Jas R
578ΔHarden Chas E
580ΔStuder Wm H
582ΔBurlile Chas H
584 Williams Elsie Mrs
S Skidmore Intersects
610 Kelley Alice nurse
614 Gordon Chas W ⓞ
616 Bruck Della M Mrs
618 King John W
620ΔGann Herbert
621ΔBrunstetter Fred J ⓞ
622ΔBrown Arth
624ΔUphold Elmer J
626ΔCorbin Lucy Mrs
631ΔBechdolt Barney G ⓞ
S Grubb Intersects
642 Hogan Patk J
644ΔGeho Elga I
646 O'Rourke David
648ΔWickliff Claudes M Mrs
650 Moore Russell A
652 Long Margt S Mrs
654ΔJeffries Richd E
656 Edwards Emma B Mrs
S Sandusky Intersects
102
SHERBORNE DRIVE (NE Div)—From Clifton av north to Maryland av, 1 west of N Nelson rd
149ΔTaube Edw F ⓞ
150ΔCharters Mac ⓞ
159ΔSell John M ⓞ
Greenway South Intersects
188ΔEvans Thos A ⓞ
203ΔYoung Robt T ⓞ
204ΔMiller Jack H ⓞ
Denbridge way begins
210ΔCampbell Eula F Mrs ⓞ
216ΔMarcum Henry G
233ΔAndersen Vivian C Mrs ⓞ
Ardenrun way ends
240ΔJohnston Jas H ⓞ
250ΔZimmerman Peter ⓞ
256ΔMerkel Jas F ⓞ
257ΔMcColm Donald B ⓞ
262ΔGallen Nell L Mrs ⓞ
265ΔBattin Clyde R ⓞ
271ΔZollinger Richd W ⓞ
276ΔAllen Chas R ⓞ
291ΔCarr Jas P ⓞ
Millbrook way Intersects
311ΔWhitmer Lewis W ⓞ
316ΔNovak Harry J ⓞ
319ΔKincaid Dahlton R ⓞ
320ΔMcNamee Mary E Mrs ⓞ
333ΔSchwartz Frank R ⓞ
339ΔZimpfer Fred P ⓞ
347ΔGreiner Geo P ⓞ
358ΔMerritt J C ⓞ
Stratford way ends
378ΔLockett J Robt ⓞ
388ΔBorel Richd A ⓞ
400ΔButler Clayton E ⓞ
401ΔMarino Anthony J ⓞ
Merryhill dr ends
418ΔAvery Jas E ⓞ
Maryland av Intersects
65
SHERIDAN (SW Div) — From 369 Clarendon av west to S Wayne av
2250 Dickerson Clyde ⓞ
2252ΔPatton Geo ⓞ
2253ΔKuhn Melvin J ⓞ
2254 Custard Francis M ⓞ
Highland av intersects
S Wheatland av intersects
S Oakley av intersects
S Wayne av intersects
130
SHERIDAN AV (Bexley) — From 2153 E Main southeast to E Livingston av
565ΔCotter Alice B Mrs
567ΔSmith Glen C ⓞ
569ΔCarridge Lulu B Mrs
571ΔEbright Jack S
577ΔHaubrich Marie S Mrs ⓞ
583ΔMerigold Floy E Mrs ⓞ
584ΔBrueggemann Anna L ⓞ
591ΔThomas Lemuel D ⓞ pntr
596ΔHuff Anna L Mrs ⓞ
ΔBachhelm Edw
597ΔCurry Lyman R ⓞ
600ΔJohnson Howard ⓞ
603ΔStiverson Russell E
608ΔRoley Jesse B ⓞ
611ΔWeimer Danl W ⓞ
614 Ketterer Geo F ⓞ
617ΔMesserknecht Carl F ⓞ
620ΔEisele Wm E
626ΔMorris Geo M ⓞ
631ΔHorst Theo L ⓞ
634ΔHolzbacher Nathan P ⓞ
637ΔKnighton Edgar E ⓞ
640ΔOakley Rema V Mrs ⓞ
E Mound intersects (ws not open)
645ΔZacks Aaron
647ΔSmoot Chas F phys
650ΔKoffler Theo
651 **Sheridan Apartments**
Apartments:
(A)ΔPraver Louis L
(B)ΔLevin Jennie Mrs
(C)ΔBerg Simon P
(D)ΔWarsaski Myer
Street continued
652ΔSubow Saml L
654ΔWilliams Zola
656ΔMetzger Emmett E
657ΔMerz Fred A ⓞ
658ΔKrebs Ervin E Rev
SHERIDAN AV (B)—Contd
662ΔLohr Albert F
663ΔMurray Vincent P
664ΔBarrington Bess T Mrs
665ΔPorter Wallace B
666ΔShelton Frank M
668 Krumm Anna R
672ΔJones Chas D
ΔJones Harold W
675ΔCotterman Homer R ⓞ
676ΔEllis Oscar O ⓞ
681ΔBirch Walter L ⓞ
691ΔBrodbeck Oliver H ⓞ
694ΔRuth Earl C ⓞ
700 **Court Apartments**
Apartments:
(A) Modes Jos
(B)ΔMeek Eliz W Mrs
(C)ΔSteffan Jas C
(D)ΔMiller Harvey A
(E) Bromberg Morrie
(F)ΔFeldman Jos
Street continued
701 **Apartments**
(A)ΔWalworth Lynn W
(B)ΔArbaugh Henry W
(C) Knierm John A
(D) Walworth Lynn G
Street continued
707 **Apartments**
(A)ΔSand Richd E
(B) Gorrill Irvin A
(C) McGregor Hugh
(D) Bornstein Jacob K
Street continued
713 Vacant
713½ Watson Marshall P
714 Zawacky Ralph
716ΔHannahs Chester H
719ΔFinsterwald Frances D Mrs
721ΔBerlin Bena Mrs ⓞ
722ΔTrott Cameron D
ΔAuld Mary E
727ΔGoss Adolf ⓞ
732ΔOrr Norman L
734ΔLeidorf Robt T ⓞ
735ΔPetzinger Geo H
736ΔJohnston Lena Mrs
737ΔCarey Paul B
738ΔClutter Jas S ⓞ interior decorator
741 Gulcher Alban F
743ΔKokensparger Carl E
746ΔDavenport Harold R
747ΔMagee Lee C
748ΔMartin Kath W Mrs ⓞ
749ΔMiller Chas M
751ΔLanman Orsie E
753ΔBender Ivan A
754ΔHill Chester D
755ΔBirkenbach Louis J
756ΔHill Fred T ⓞ
759 Ealy Lester C
760 Kelenberger Rollin V ⓞ
761ΔKaiser Fred C ⓞ
rearΔBailey Ralph E carp
762 Kelenberger Harry H ⓞ
766ΔNichols Jos R
768ΔSobel Lee S
Astor av intersects (not open)
774ΔScott Harry E
776 Lloyd Helen M ⓞ
782ΔArnold Robt V
784ΔFuller Vaughn T ⓞ
793 Williams Arth P
800ΔAspinall Robt B
804 Ballantine Jack
806 Dorney Paul
810ΔWise Henry B
812ΔMorbitzer Herbert
818ΔReddy Jane B Mrs
820ΔCamm Harry E
824ΔGrossman Arth H
826 Bernlohr Fred
831ΔEnenkel Florence Mrs ⓞ
834ΔGailey Geo J
834½ Berliner Jules B
840ΔArmstrong Alf V ⓞ
845 Stebelton Russell F
847ΔTeegardin Shelby
853ΔPickering Lafayette D ⓞ
856 Anastos Frank ⓞ
857ΔBenedict Paul N
857½ΔDysart Hollie
861ΔWacker Norbert P
862ΔFreeman Thos D ⓞ
866ΔPapke Earl R Rev
868ΔGerhold Leo L
870ΔCondon Robt W
871ΔMorrison Murdo ⓞ
872ΔStrawser Jack N
875 Powell Ann G
882ΔCronin Harry M
884ΔBaxter Lowell C ⓞ
885ΔHirsch David A ⓞ
Charles begins
896ΔGraf Ellsworth E
898 Shaffer Donald E

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

SHERIDAN AVE 1947

SHERIDAN AV (B)—Contd
899Δ Althaus Geo J Ⓞ
900 Vacant
902Δ Werner Clifford W
905 Rosenthal Louis M
908 Mulligan Thos J Ⓞ
910 Farley Robt J
911Δ Culp Arlus D Ⓞ plstr contr
912 Nalley Jos N
914 Groby Wilbur D Ⓞ
916 Keene Elmo K
918Δ Keene Elmo M Ⓞ
923Δ Prisk Thos J
925 Prisk Thos J jr
928 Opper Geo
930Δ Mercer Oscar E
936Δ Ross Anna B
938 Wolman Ella
940Δ McKinley Wm B Ⓞ
951Δ Ikehorn Wilbur J Ⓞ
954Δ Hartlerode Arth V
956Δ Shore Jack I
959Δ Bruno John F
960Δ Pagnard Robt B
962Δ Owens Jas E
E Livingston av intersects
33
SHERMAN AV (NW Div) — (Changed to Chambers rd)
SHERMAN AV (SE Div) — From 1251 E Broad south beyond Gustavus lane (not open between Oak and Franklin av)
E Capital intersects
26Δ Schwartz Harry T
28Δ Parkinson F Geer
29Δ Black Howard J Ⓞ
30Δ Coen Clara H Mrs Ⓞ
31Δ Moriarty Mary C
32Δ Eyler Rayner D
34Δ Harman Wm S
36Δ Bayer Frank H
37Δ Burke Walter S Ⓞ
43Δ Gillen Harry J
45Δ Clark Harriet A Mrs Ⓞ
Madison intersects
56Δ Masterson Dora Mrs
60Δ Weber Jos U
61Δ Bowen Chas H furn
Δ Jewell Earl
62Δ Nelson Harley B
65Δ Arne Walter B Ⓞ
66Δ Parish Sarah W Mrs Ⓞ
69Δ Spiller Geo A Ⓞ
73Δ McClellan Ernest B Rev
73Δ Svehla Jos G Ⓞ
75 Vacant
Lake al intersects
77Δ Weaver Jos W Ⓞ
Fair av intersects
115Δ Gettig Wilbur A Ⓞ
116 Vacant
118Δ Kimble Edw U Ⓞ
121Δ Grover Dorothy
122Δ Weidemeyer Robt J Ⓞ
125Δ Wightman Annie J Mrs
127Δ Thompson Geo W
130Δ Steelman Raymond J Ⓞ
132Δ Lust Norman E
132½Δ Sniff Alta B Mrs
135Δ Marshall Edwin J Ⓞ
136Δ Uhl Wayland S Ⓞ
137Δ Bukey Lee E Ⓞ
137½Δ Hummel John W
Agate al intersects
140Δ Williams Carrie I Ⓞ
143 Sherman Apartments
Apartments:
1Δ McConnell David W
2Δ Horlocker Lena M Mrs
Δ Carter Pearl B Mrs
3Δ Kilbourne Myrtle Mrs
4Δ Ball Elsie M Mrs
5 Fisher Florence H
6 Smith Stanley
Street continued
148 Lavely Harold E Ⓞ
150Δ Kehrer Fredk A Ⓞ
151 Sherman Apartments
bsmt Vacant
Apartments:
1Δ Coates Leetta Mrs
2Δ Neff Carl G
3Δ Heim Wm A
4Δ Williams Minnie S
5Δ Clellan Jas B
6Δ Header Laurel L
Street continued
152 Herrman Nola C Ⓞ
Oak intersects
120
(Not open between Oak and Franklin av)
Franklin av intersects
Gustavus lane intersects
227Δ Slade John A
228 Caliver Earl M
230Δ Smith Carrie Mrs
231Δ Ward Wakeman B
235Δ Gooch Melvina Mrs Ⓞ
236Δ Harris Francis A Mrs
114
SHERWOOD ROAD (Bexley) — From 510 S Drexel av east to beyond S Chesterfield road
2303Δ Miller Fred J
2305 Frommeyer Josephine M Mrs
2311Δ Holzmer Jeannette F Mrs Ⓞ
2322Δ Underwood Nellie M Mrs Ⓞ
2325Δ Ebert Otto Rev
2328Δ Greenwald Leo J
2333Δ Menefee Chalmer C Ⓞ
2334Δ Kull Edw Ⓞ
2340Δ Brown Arth L Ⓞ
2347Δ Skinner Walter W Ⓞ
2348Δ Brown Mary E Mrs Ⓞ
2355Δ Garrison Lewis Ⓞ
2356Δ Kaemmerer Edw Ⓞ
2363Δ Kochensperger Rufus E Ⓞ
2364Δ Dunnick John T Ⓞ
S Dawson av intersects
2379Δ Servison Hilda A Ⓞ
2384Δ Head Depew
2389Δ Carpenter Alf E Ⓞ
2390Δ Nieman Helen C Mrs Ⓞ
2394Δ Isaly Carl M
2397Δ Zuber Fred E Ⓞ
2400Δ Ludwig Walter E Ⓞ
2409Δ Johnson A Beaumont Ⓞ
2414Δ Gantner Henry W Ⓞ
2415Δ McCann NeMie G Mrs Ⓞ
2424Δ Ickes Marion Ⓞ
112
S Cassady av intersects
2445Δ Fraas Henry C Ⓞ
2448Δ Brisley Louise Mrs Ⓞ
2453 Eilbert Paul J
2456Δ Crise W Paul Ⓞ
2461Δ McKinney Eug J Ⓞ
2464Δ Harrington Henry K Ⓞ
2467Δ Butterworth Elmer J Ⓞ
2468Δ Plumer Ray B Ⓞ
2475Δ Durham Edwin R Ⓞ
2478Δ Murtaugh Helen T Ⓞ nurse
2481Δ Lorenz Aug Ⓞ
2482Δ Hanford Edw C Ⓞ
2488Δ Coyne Louis F Ⓞ
2491Δ Krumm Alex W Ⓞ
2498Δ Mark Louis Ⓞ
2503Δ Rostofer Freeman A Ⓞ
2504Δ Stedem Edwin J Ⓞ
S Cassingham rd intersects
2523Δ Goldsmith Leon B Ⓞ
2524Δ Moor Kitty M Mrs Ⓞ
2532Δ Doersam Geo A Ⓞ
2535Δ Schenk Robt E Ⓞ
2538Δ Lime Emma J Mrs Ⓞ
2545Δ Weiss Jos F Ⓞ
2548Δ O'Donnell Raymond J Ⓞ
2551Δ Emig Herman E Ⓞ
2556Δ Sugar Jos A Ⓞ
2564Δ Strange Frank Ⓞ
2570Δ Hamilton Frank H
2578Δ Rappold Geo E Ⓞ
2590Δ Thall Amon H Ⓞ
S Remington rd intersects
se cor Vacant
2604Δ Stevens Isabell K Mrs
2620Δ Lewis Jas C Ⓞ
2625Δ Rowlands Fred W Ⓞ
2630Δ Manekin Leonard Ⓞ
2635Δ Marcus Julian M Ⓞ
2640Δ Argo Jas A Ⓞ
2645Δ Feinknopf Mark D Ⓞ
2648Δ Barnebey Oscar L Ⓞ
2655Δ Rosenfeld Dave Ⓞ
2658Δ Mellman Jacob
2667Δ Souder Walter R Ⓞ
2670Δ Seidensticker Eliz Mrs
2685Δ Horen Soghikian M
2690Δ Altman Norman J Ⓞ contr
S Rooseveit av intersects
2700Δ Prusia Ivan K Ⓞ
2721Δ Gerstenfeld David L Ⓞ
2724Δ Keenan Edgar C Ⓞ
2731Δ Cochrane R Kyle Ⓞ
2737Δ Rhoten Harold G Ⓞ
2745Δ Jacobs Arth L Ⓞ
2746Δ Ruben Bernard Ⓞ
2754Δ Luckoff Herman L Ⓞ
2762Δ Gumble Morton D Ⓞ
Bexley City limits
110
S Gould rd intersects
2787Δ Halliday Mary F Mrs
2788Δ Spies Donald G
2789Δ Miller Helen T Mrs
2790Δ Steinman Willis A
2792Δ Hoffhines John W
2793 Gregg Harry E
2794Δ Harris Jos F
2795Δ Olin Richd F
2797Δ Burgbacher John J
2799Δ Mann Robt M
2802 Apartments
(A)Δ Colling Arth F
(B)Δ Warner John E
(C) Spencer Chester L
(D) Gregg Jack H jr
Street continued
2803 Apartments
(A)Δ Meyers Wm J
(B) Duffy Wm H
Street continued
2806 Apartments
(A)Δ King Loyal T
(B)Δ Ulrey Gladys M Ⓞ
Street continued
2809 Apartments
(A)Δ Ebinger Esther H Mrs
(B)Δ Stoker Grace L Mrs
Street continued
2812Δ Thompson Elbert D
2814Δ Bendovich Gordon P
2815 Apartments
(A)Δ Lindenberg Charlotte
(B)Δ Boehnle Robt C
Street continued
2816Δ Mumm Harry G
2818Δ Ross Chaney D
2819Δ Baldwin Carl M
2821Δ Hayes Vera H Ⓞ
2822Δ Seibert Henry E jr
2824Δ Cannon Chas H
2825 Apartments
(A)Δ Jordan Ralph L
(B)Δ Combs Troy
(C)Δ Evans David L
(D)Δ Fox Chas F
Street continued
2830 Apartments
(A)Δ Miller Warner E
(B)Δ Miller John F
(C)Δ Hanscom Jas S
(D)Δ Carver Kenneth A
Street continued
2833Δ Green A Gladys
2835Δ Selby Dorothy
2837Δ Fink Gregg C
2838Δ Henry Clarence
2839Δ Carroll Geo W
2840Δ Lichtenberg Margt W Mrs
2842Δ Blackburn Border
2844Δ Price Wm S
2845Δ Woodward Geo D
2847Δ Wessling Robt E
2848Δ White Paul F
2850Δ Dufford G Chester
2852Δ Gibson Vernon T
2853Δ Miles Helen P Mrs
Δ Smith Fred C
2854Δ Forsgren Vernon N
2857 Apartments
(A)Δ Salter Louisa B Ⓞ
(B)Δ Schwenker Cora A Mrs
S Chesterfield rd intersects
2860Δ Postlewaite Wm N
2862Δ Newcome Bernard P
2864Δ Moore Wm A
2866 Smith Trent W
2869Δ Osborn Arth L
2872 Apartments
(A)Δ Morris Marie C Mrs
(B)Δ Lowes W Peverall
(C)Δ Carsey Harry E jr
(D)Δ Hayes Cath
Street continued
2875Δ Lukanovic Victor D
2877Δ Anderson Elmer O
2878Δ DeMers Romeo F Ⓞ
2879Δ Lutz Jos K
2880Δ Carpenter Fred H
2881Δ Wilhelm Chas R
2882Δ Burlingame Howard G
2884Δ Brissel Karl W
2889Δ Ren Helen M
2891Δ Grossman Jos L
2892Δ Greeley John B jr
2893Δ Caldwell Saml J
2894Δ McHenry David J
2895Δ Ducayet Edwin J
2896Δ Wittman Warren E
2898Δ Herron Lawrence A
2901 Vacant
2903Δ Dillow Harold C
2904 Apartments
(A)Δ MacCartney Wm T
(B)Δ Sharp Granville V
(C)Δ Barnebey Theo D
(D)Δ Volk Wm
Street continued
2905Δ Shaw Jas
2907Δ Welsh John S
2911 Shane Albert L
2912Δ Long Phillip W
2913Δ Browne Kenneth C jr
2914Δ Tomko Andrew D
2915Δ Norton John H
2916Δ Daggett Wilber L
2917 Turner Edw V
2918 Monaghan Ethel Mrs
Δ Monaghan Construction Co excavating
SHERWOOD ROAD (B)—Contd
2923Δ Guenther John C
2924 Apartments
(A)Δ Lerner Paul A
(B)Δ Kaplan Goodman G
(C)Δ Leavens Cecil R
(D)Δ Cook Wm F
Street continued
2825Δ Carruthers Francis J
2927Δ Tucker Chas T
2929Δ Salfingere Frank W
74
SHIELDS PLACE (NE Div) — From 75 E Schreyer pl north to E Dominion blvd
4420Δ Atwood Jas F
4429Δ Reynolds Paul R Ⓞ
4435Δ Jaap R Geo Ⓞ
4446Δ Trump Ola R Ⓞ
4447Δ Hartigan Chas O Ⓞ
4455Δ Greenfield Edw T Ⓞ
E Dominion blvd intersects
40
SHIRLEY ALLEY (NE Div) — From N Fifth east to Neilston, i south of Buckingham (not open between N Fifth and Payne al) Payne al intersects (not open)
Neilston intersects
(No houses)
48
SHOEMAKER AV (NE Div) — From Americus al east to Penna RR intersecting 1155 Cleveland av
Cleveland av intersects
640Δ Corrugated Container Co paper box mfrs
716 Barrow Chas M Ⓞ
Christopher begins
N Washington av intersects
Sidney av intersects
Howard intersects
Walters av intersects
Lexington av intersects
Peters av intersects
StClair av intersects
982 Martin Walter P Ⓞ
990Δ Oliver Louis L Ⓞ
994 Spinosa Domenico Ⓞ
998 Pelino Eug Ⓞ
1002Δ Francisco Jos M Ⓞ
1010 Saylor Chas M Ⓞ
1018Δ Ingerham M Victor Ⓞ
Roselle av begins
1032 Vacant
1036Δ Southall Enoch Ⓞ
Fassett begins (not open)
1134 Vacant
Penna RR crosses
3
SHORT (SW Div)—From W Main south to W Sycamore, intersecting 200 W Mound
315Δ Poulton Pipe & Supply Co
325 State Industrial Commission (whse)
W Mound intersects
W Fulton ends
413Δ Div of Traffic Regulations and Engineering
423Δ City Garage
425Δ Div of Street Clng Refuse Colln and Disposal
Δ City Barns and Shops
436 Underwriters Salvage Co
444 Acme Cotton Co (rear entrance)
475Δ City Incinerator
529 Shrell Minnie Mrs
rear Keaster Carrie Mrs
531 Austin Hope W
543 Simons Benj F
559 Dienst Robt J (whse)
675Δ Hub Builders Supply & Coal Co
W Sycamore ends
48
SIDNEY (NE Div) — From 762 E Fifth av north to Leona av
1083 McCabe Raphael B Ⓞ
1084 Potomis Ernest J Ⓞ
1087 Barber Ralph T
1088 McKeeman Robt T Ⓞ
1092Δ Collina John Ⓞ
1093Δ Guyselman Lucille R Mrs
1096Δ Andres Ethel M Mrs Ⓞ
1097Δ Bucholtz Raymond A Ⓞ
1100Δ Johnson John B Ⓞ
1101Δ Slatzer Rolland E Ⓞ
1108Δ Johnson Ethel Mrs
1110 Fowler Albert L
1111 Walston Clarence E Ⓞ
1112 Perkins Lewis F Ⓞ
1113 Root Wm H
1116Δ George Lowell R Ⓞ
1117Δ Lefever Chas E Ⓞ
1120Δ Romas Jos

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

COLLEGE AVE 1942

COLE (SE Div)—Contd
1345 George Jas B ⓞ
1346 Litsinberger Harry B ⓞ
1349Δ Caller Milton R
1351 Collins Earl C
1352Δ Bloomfield Wm H
1355 Benson Clarence E
1356Δ Craney Richd J ⓞ
1359Δ McCormick Elba W ⓞ
1362 Stewart Raymond G
1366Δ Ellifritt Maywood A ⓞ
1376 Beard Fred K ⓞ
Ford al intersects
1381Δ Mangold Earl R ⓞ
Miller av intersects
1421 Leatherwood Allen H
1421½ Geho Marie S
1425 Shaffer Clarence E
1425½ Vacant
1429 McCann Harry A
1429½ Postle Orville L
Caney al intersects
1431 Henton Geo ⓞ
1435 Harris Harley
1436 Owens Eliz B Mrs
rear Dowell Otto ⓞ
1439 Millner Jas G
1440 Harrison Asa B
rear Δ Johnson Lucille
1442 Jones Coleridge O
1448Δ Estis J Walter
rear Hayes Felix
1449 Banks Norris G ⓞ
1451Δ Brooks Glennon V
1452Δ Kent Eliza J Mrs ⓞ
rear Vacant
1453 Washington Cecil E ⓞ
1455 Reeves Wm A
1456Δ Rideout Etta Mrs ⓞ
1459 Peterson John H ⓞ
1462Δ Walz Chas W Chemical Co
Kelton av intersects
Lilley av intersects
Berkeley rd intersects
1597Δ Kunkler Kath C Mrs ⓞ
1598 Beard Emma S Mrs
1605Δ Peterson Carl H
1607 Peterson Hilma Mrs ⓞ
1609 Wallace Earl J
1611Δ Culleny Maurice L
1612 Button Fredk J ⓞ
Seymour av intersects
Fairwood av intersects
1711 Niemann Jesse
1719Δ Strapp Thos P
1721Δ Leonard Frank
1722Δ Reichert Wm A
1724Δ Williams Fred H
1725Δ Colburn Ray C ⓞ
1728 Vacant
1729Δ Halsema Constance M Mrs
1730 Dye Norman L
1731Δ Dixey Wm M
1732 Griffin Edw G
1734 West Chas D
Bulen av intersects
1785Δ Devaney Helen I Mrs ⓞ
1786 Landwehr Albert J ⓞ
1789Δ Farson Alice Mrs ⓞ
1792Δ White Paul L ⓞ
1795Δ Fleming Hattie B Mrs ⓞ
1798Δ Maloney Mary C ⓞ
1801Δ Wilgus Robt N
1805Δ Herbert Edwin L
Rhoads pl intersects
1811Δ Burns Ralph E

COLERAIN AV (NE Div) — From 386 Oakland Park av north to Rathbone av (not open between Richards rd and Rathbone)
(No houses)
E Dunedin rd intersects
Piedmont rd intersects
Brevoort rd intersects
E Torrence rd intersects
Arden rd intersects
Fallis rd intersects
Richards rd intersects
E Dominion blvd intersects (not open)
E Weisheimer rd intersects (ws not open)
Garden rd intersects
E Beaumont rd intersects
Wetmore rd intersects (not open)
E Beechwood blvd intersects
E Royal Forest blvd intersects
E Jeffrey pl intersects
Rathbone av intersects

COLFAX ALLEY (SE Div)—From Raymond south to 660 E Livingston av
535 Vacant
537 Barnes Raymond
Stone av intersects
578 Johnson W Henry
588 Watson Frank W
Will al intersects
E Livingston av intersects

COLLEGE ALLEY (NE Div) — From 912 Hamlet east to N Fourth
(No houses)
Back al intersects
N Fourth intersects

COLLEGE AV (Bexley) — From 2208 E Main southeast to city limits
595Δ Schroetter Edwin O
605Δ Taylor Helen K
611Δ Petzinger Minnie E Mrs ⓞ
Petzinger Chas C contr
615Δ Betz J Saml ⓞ
625Δ McCormick Russell M contr
625½ McCormick Leota Mrs
635 Price Chas A
637Δ Atzinger Richd
641Δ Browne Edwin H
649Δ Althaus Sabina H ⓞ
E Mound intersects
661Δ Hellerman Marie ⓞ
662Δ Baumann Geo D ⓞ real est
669Δ Gardner Barton J
672Δ Kilpatrick Georgia Mrs
675Δ Hatfield Ross C ⓞ
680Δ Beery Carl M ⓞ
681Δ Kuhn Ambrose C ⓞ
rear Δ Gannon John H
690Δ Elder John F ⓞ
693Δ Kallmerten Leon G ⓞ
699Δ Fromm Guy C ⓞ
700Δ Shadrach David ⓞ
709Δ Turner Gilbert L
714 Kuhn Hattie E Mrs ⓞ
716Δ Copeland Merle B
720Δ Boys Roland L ⓞ
726Δ Fry Geo E ⓞ
729Δ Reeves Edw E ⓞ
733Δ Hartman Adah M Mrs ⓞ
737Δ Dunlop Oliver P ⓞ
738Δ Levin Saml M ⓞ contr
740Δ Rothman Herman H
741 Fitzgerald Margt P Mrs ⓞ
746Δ Chesnut Bert J
748 Haering Edwin J
751Δ Daugherty Patk J
752Δ Benzin Louise A Mrs ⓞ
760Δ Nelson Geo G ⓞ
761Δ Hartman Emma Mrs ⓞ
766Δ Mayer Fredk C ⓞ
767Δ Orr Grover L ⓞ
773Δ Hartman Lettie F Mrs ⓞ
Astor av intersects (ws not open)
783Δ Boesch Anna J Mrs ⓞ
786Δ Stropes Edw N ⓞ
793Δ Phillips Wm M
801Δ Petzinfler Geo ⓞ contr
806Δ Peters Ambrose B ⓞ
807Δ Tessler Israel E ⓞ
812 Licking Chris H ⓞ
815Δ McKahan J Edw ⓞ
822Δ Miller Chas F ⓞ
825Δ Barnes Amy M ⓞ
828Δ Black Lynn E ⓞ
832 Deneen Wm S
833Δ Higginbotham Robt D
834Δ Besse Saml B jr
835Δ Martin Walter N
840Δ Kasprzak Stanley D
845Δ Bauerle S Anna Mrs ⓞ
850Δ Glidden Clarence S
853Δ Johnson Saml B
854Δ Herr Ralph W ⓞ
859Δ Waddell Saml ⓞ
860Δ Pipes Edw
862Δ Gossenz Harvey J ⓞ
865Δ Ellis Elsa F Mrs ⓞ
866Δ Sheaf Geo S ⓞ contr
869Δ Williams Chas R ⓞ
872Δ Reddy Robt K
875 Bibler U G ⓞ
Δ Parsons Fred A ⓞ
879Δ Moore Mabel M
884Δ Wilkins John S ⓞ
885Δ Schwartz J Chas ⓞ
886 Vacant
887Δ Walsh Corinne D Mrs ⓞ
888Δ Kinkead Ella M Mrs ⓞ
Charles intersects (es not open)
904Δ Yeakle Wm ⓞ
905Δ Craven Ernest W
911Δ Hall E David ⓞ
919Δ Sodt Wm G Rev ⓞ
925Δ Ross Herbert E
931Δ Scheky Ralph J ⓞ
936 Parks Orrin F ⓞ
937Δ Field Albert W ⓞ
943Δ Doss Bowman
955Δ Lewis Harry ⓞ
956Δ Hieronymus Wm P Rev
960Δ Brakebill Horace C
967Δ Wheeler Geo R ⓞ
970Δ Taber Louis J ⓞ
971Δ Meuser Edwin H Rev ⓞ
975Δ Pilcher Mack R ⓞ
980Δ Feeger Paul H
981Δ Kreachbaum Chas L ⓞ contr
984Δ Crist Clyde L ⓞ landscape gdnr
988Δ Lingo Geo A mfrs agt
989Δ Herr Susan Mrs ⓞ
1002Δ Berwick Confectionery
E Livingston av intersects
1033 Gall Clarence A restr
1079Δ Berwick Sea Food Grill restr
1079½ Dine Lucile I Mrs
Castlegate rd ends
Euclaire av ends
1125 Petty Zade R jr ⓞ
1161 Higgins Orville A
S Cassingham rd ends
1179 Jacks Basel E
1181 Lepley Andrew L
1191Δ Webster Lott E ⓞ pntr
1207Δ Holskey Louie L ⓞ
1211 Bennett Adam J ⓞ
1223Δ Moore Robt B ⓞ
Medford rd begins (not open)
Medford pl ends (not open)
Brookwood rd intersects
1372Δ Nitrauer Elmer E real est
1400Δ Berwick Golf Club
Bash Herbert W
City limits

COLLEGE HILL DRIVE (NW Div) —From North Star av west to Mt Holyoke dr, 1 north of W Lane av (not open)
Vassar rd intersects (not open)
Wellesley dr intersects (not open)
Mt Holyoke dr intersects (not open)

COLLINGSWOOD ROAD (Upper Arlington) — From Northwest blvd west to Coventry rd, 1 south to W Lane av
1848Δ Wolf Louis C ⓞ
1851Δ Secrest Roy J ⓞ
1856Δ Farley Frank J ⓞ
1857Δ Davis Mansell F ⓞ
1864Δ Rosenow Oscar F ⓞ
1874Δ Wildermuth Roy L ⓞ
Andover rd intersects
1886Δ Robbins Harold F ⓞ
1896Δ Moench Robt G ⓞ
1913Δ Updegraf Wm C
1921Δ Ulm Lorin G ⓞ
1926Δ Mulligan Edw J ⓞ
1929Δ Binder Albert E ⓞ
1934Δ Cott Lawrence W ⓞ
1942Δ Williams Jules C ⓞ
1943Δ O'Nell Wm J ⓞ
1950Δ Davis Francis W ⓞ
1951Δ Griffith Barton ⓞ

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

E LIVINGSTON AVE 1942

LIVINGSTON AV E (SE Div)— Contd
1364ΔBaltz Geo N ⓞ
1366ΔBartow Delmar H
1369ΔNussbaum Harriett Mrs
1371ΔCallahan Jas D
1374ΔWalters Ella Mrs ⓞ
Ellsworth av begins
1376ΔSpohr Raymond L dentist
1378 Wolford Genl Repair Service bicycles
1378½ Mertens John W
1381ΔMartin's Kosher Food Mkt
1382ΔGeyer Nicholas ⓞ
1385 Price Carl D
1387ΔHayes Chas N ⓞ
1390 Geyer Louis ⓞ
1391ΔPrice Beauty Shop
Caney al ends
1403-05ΔHayes Geo A restr
1406 Sefferle John J restr
1409ΔKroger Gro & Bkg Co (br)
1411 **Apartments**
(A)ΔCarl Wilmer R
(B) Vacant
(C)ΔMichaelson Alvin A
(D) Milligan Louis L
Street continued
1413ΔMorgan-Zettler Hdw Co
1426ΔMolnar Stores Co notions
1428 Vacant
1430ΔFentons Clnrs & Dyers Inc (br)
1435ΔRainier Harlan D filling sta
Kelton av intersects
1437ΔGetreu Super Service filling sta
1440ΔDeckard's Pharmacy
1442ΔKilpatrick Elmer M phys
1444ΔEstelle Beauticians
ΔImhoff Andrew H dentist
1452 Wood Ollie E auto repr
1452½ Collins Leck C
1465 Vacant
1467 Vacant
1469 Vacant
1471 Lindsey Reuben R
1473 Vacant
1475ΔDunlap Walter L gro
1475½ΔBean Geo F
1485ΔDysart Homer S filling sta
Lilley av intersects
1490ΔMcCoy Geo E filling sta
Berkeley rd intersects
1529ΔBaker J Albert real est
1532ΔPowell Floyd J
1534 Cohen Sam
1536ΔKeesey Chas A
1538ΔWilkinson Harry J ⓞ
1542ΔCostlow Jas H ⓞ
1546ΔDysart Homer S
1548ΔLuther Fred S ⓞ
Geers av begins
1566ΔWilliams John R ⓞ
ΔMatyskella Bernard
1570 Vacant
1572ΔPlageman Arnold
1574ΔAlthauser Anne M Mrs
1578ΔRohner Robt C
1580ΔMosier Ralph L
1582ΔEmery Harvey R
1583 Vacant
1584 Jander Paul J
1597 Ervin Chester auto repr
1597½ΔErvin Chester
Seymour av intersects
1598ΔLlewellyn Iva S Mrs
1600ΔHayes Wm K jr
1604 Stock Ralph E
1611 Vacant
1612ΔLinthwaite Geo W
1614 Standard Wm E
1615ΔBud's Sandwich Shop
1616 White Albert G
1617 Kunkler Bernard J barber
1618 Levenson Saml
1620ΔGabel John A ⓞ phys
1622ΔBelknap Claude E
1629 Lenhart Anna M Mrs ⓞ
1630ΔFarley W Clayton
1634ΔFair Price Grocery
Culley Ed
1634½ Brennon Edna Mrs
1636 Kunkler Roland L restr
rear Weaver Geo auto repr
1636½ΔSchatzman Chas L
Fairwood av intersects
1649ΔJackson Espie C
1651ΔHenley Forrest F
1653ΔSmith Lucian S
1655ΔYoung Lawrence J
1656ΔBailey Miles D
1665ΔAmbrose Vance R ⓞ
Bulen av intersects
1724ΔHackenberg Geo D ⓞ
1730 Hackenberg Geo W ⓞ
1745ΔMurray Edwin B
1747ΔKlingler Walter F
Industrial av intersects
1813 Holmes Wm T
1850ΔSwisher O J Coal Co Inc
N&WRy overpass
S Nelson rd ends
1882ΔLieb Carl G restr
1883 Schall Wm M scales
1889ΔTopper L E Co junk
1931ΔClown Inn restr
ΔChecker Oil Co filling sta
1935 Vacant
1944ΔMiller Wm
1988ΔOffenberg Paul Nursery Co
Offenberg Paul ⓞ
1991 Kramer John filling sta
2000ΔLieb Carl G ⓞ
2005 Vacant
Alum Creek dr begins
2066 Kinkead Trucking Co
Mayfield pl ends (not open)
Ferndale rd ends (not open)
Sheridan av ends
2172ΔWebster Milo D auto repr
2201-03ΔDulgar Wm H restr
2201½ΔClose Alvin D
2203½ Loas Jas E
2221ΔMcKinley Motor Service auto reprs
2253ΔStephens Paul T filling sta
College av intersects
Berwick blvd begins
2286ΔViereck Louis F ⓞ
Francis av ends
Castlegate rd begins
2316ΔKittel Adolph T ⓞ
2325ΔCottrell Donald D ⓞ
2327ΔSommers Virgil S
2329ΔHoyer Wm B
2331 Vacant
2337ΔJones Eliz H Mrs
2338ΔGraham Clifford Stone ⓞ
2339ΔRaffaelle Roland C
2341ΔHarper Millard K
2343ΔHill Ann M Mrs ⓞ
2353ΔChester Einar W
2355ΔDutton Melvin O
2357ΔMurphy Louis C jr
2359ΔBaird Harry H
2365 **Apartments**
(A)ΔWaack Alf G
(B)ΔDunn Jack H
(C) Moreno Emil F
(D)ΔSwisher John J
2372ΔRine Bert
2374 Vacant
Euclaire av intersects
2375ΔIannarino Leonard J
2377ΔMyers Carl O ⓞ
2379ΔWiddis Clark S
2381ΔConstant Chas L
2383ΔLemon Herbert R
2388ΔStillinger Donald L ⓞ
S Cassingham rd intersects
Montrose av ends
2449ΔSchneider Carl D ⓞ
2455ΔWisterman John M ⓞ
2456ΔGoldslager Philip H ⓞ
2460ΔBerlin Harry
2461ΔBurgess Karl H ⓞ
2466ΔJay Stanley P ⓞ
2472ΔLaufer Clarence W ⓞ
S Remington rd ends
Vernon rd ends
2509ΔCooper Luther M ⓞ
2536ΔHutchinson Roy A ⓞ
2554ΔLattimer Geo A ⓞ
2560 Bible Clarence G ⓞ
2584ΔBurkhead Jos J ⓞ
2590ΔJudd Phillippe ⓞ
2596ΔDuffey Robt M ⓞ
2602ΔLoebel Ernest
2632ΔPaine Mendel ⓞ
2638ΔBrooks Harry M ⓞ
S Roosevelt av intersects
Grandon av ends
2644 Vacant
2650 Durant Alva L ⓞ
Chelsea av ends
2664ΔWise Verner S ⓞ
2670 Murphey Randall M ⓞ
2676ΔCogswell Robt N ⓞ
2696ΔJay Moses M ⓞ
2700 Vacant
Brookwood rd begins (not open)
2728 Vacant
2751ΔStevenson Martin L
Kenwick rd intersects (not open)
Browning av ends
2826 Vacant
2840 Vacant
2857ΔNolan Hobart L
1 e Vacant
2 e Vacant
2870 Vacant
Kingsbury pl ends (not open)
S Lowell rd ends (not open)
Wellesley rd begins
Kenilworth pl ends (not open)
S Kellner rd ends (not open)
Berwick blvd ends (not open)
S James rd ends
3034 Cols & S O Elec Co (sub sta)
3074ΔShields Elva B ⓞ
3094ΔSchwaigert Wm L ⓞ
Elizabeth av ends (not open)
3105 Swain Wm
3109ΔKaiser John G ⓞ
3110ΔManifold Richd W ⓞ
3153ΔHammond Peter T ⓞ
S Hampton rd ends (not open)
Zettler rd begins
3252ΔSimons Jos W
Barnett rd ends
City limits

LIVINGSTON AV W (SW Div)—
From 443 S High West to S Front
5ΔFranklin News Co
16 Thompson Sidney M
18ΔElliott Geo W
21 Friley Naomi R Mrs
23 Jones Thos
24 Tipple Laundry
Argenbright Elmer W
S Wall intersects
38ΔWeatherman Battery Service filling sta
40ΔWalter Geo M interior decorator
42 Taynor Jas W
Taynor Mary E Mrs restr
43 Vacant
45ΔCentral Ohio Shredded Paper Co
51 Vacant
52 Matties Wm M
S Front intersects

LLEWELLYN AV (SE Div)—From Parsons av east to 2389 Groveport pike
Wager intersects (ns not open)
443ΔCarpenter Frank K ⓞ
447 Grotsky Benj ⓞ
453ΔMock Peter ⓞ
457 Johnson Aaron jr ⓞ
473ΔGatton John O
478 Burt Elus
481ΔDeuschle Louis ⓞ
485ΔJohnson Aaron ⓞ
491ΔCastle Wesley S
rear Massie Garland
495 Roseberry Hernando C ⓞ
Groveport pike intersects

LOCKBOURNE AV (SE Div) —
From 1367 E Main south to city limits
447 Forster Prudence P Mrs
449 Miller Eliz
McAllister av intersects
E Mound intersects
Engler intersects (ws not open)
E Fulton intersects
Cole intersects
Mooberry intersects
Kent intersects
Gault intersects
782ΔBensheimer Philip J
784ΔTatman Winnie Mrs
Newton intersects (ws not open)
792ΔWeis Christian
802 Wooten Marion L ⓞ
802½ Vacant
Livingston av intersects
834ΔA C Coal Co
839 Barrett Raymond S ice
Denton al intersects
845ΔHoover Anna C Mrs ⓞ
847ΔHofer Albert
850 Reese Kenneth A ⓞ
851 Trent Wm ⓞ
854ΔHathaway Wm E ⓞ
855ΔBarrett Raymond S ⓞ coal ice
858 Frase Wm C ⓞ
859ΔSanderson John W ⓞ pntr
859½ΔReich Walter S
862ΔSlupe Saml E
rear ΔBrunn Arth L mach
863ΔCassidy Wm D ⓞ
866ΔHilty Dwight W
868ΔBarban Benj S
869ΔFerry John J
870ΔMustard Chas E
872ΔMazza Frank J
877ΔShiers Mary B Mrs ⓞ

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

SHERIDAN AVE 1942

1945

SHELDON AV (SE Div)—Contd
670ΔBarnhart Orley N ⓞ
locksmith
674ΔStanton Lawrence C ⓞ plmbr
S Nineteenth intersects
683 Callan Jas A ⓞ
686ΔRobinson Paul D
688ΔDrum Curtis L
690 Held Oliver F
692ΔKearns Dorman W
694ΔWade Harry E
696 Vanekis Pete
699 Huffman Ruth Mrs
700 Smith Edw G
702ΔBethel Leslie E
706 Maselli Ralph A ⓞ
710 Zikas Thos J ⓞ
716 Voll Urban H ⓞ
720ΔCastle Chas E ⓞ
730ΔMiller Foundry Co The
City limits
(Not open between city limits and Lockbourne rd)
Oakwood av intersects (not open)
Wilson av intersects
Linwood av intersects (not open)
Studer av intersects (ss not open)
Lockbourne rd intersects

SHEPHERD (SW Div)—From 25 S May west to S Sandusky
S Mill intersects
545 Slagle Herman C
547 Jones Ray
549 Point John L
551 Fritz Roy J
553 Graessle Herbert B
574ΔDruggan Earl F
S Gift intersects
574 Shelton Orville
576 Moore Harry
578ΔLucas Carl E
582ΔBurlile Chas
584 Williams Russell
S Skidmore intersects
610 Phalen Francis H
614 Gordon Chas W ⓞ
616 Bruck Della M Mrs
618 Wilson Russell
620 Shipley Jas M
621 Hesse Fredk ⓞ
622 Brown Arth
624ΔUphold Elmer J
626 Corbin Calvin R
631ΔBechdolt Barney G ⓞ
S Grubb intersects
644 McNulty Theresa Mrs
646 O'Rourke Jos T
648 Edwards Harold
650 Moore Russell A
652 Long Margt Mrs
654 Tanner Harley L
656 Edwards Emma B Mrs
S Sandusky intersects

SHERBORNE DRIVE (NE Div)—From Clifton av north to Maryland av, 1 west of N Nelson rd
149ΔSmith Wayne G
150ΔCharters Mac ⓞ
Greenway South intersects
188ΔEvans Thos A ⓞ
203ΔYoung Robt T ⓞ
204 Vacant
Denbridge way begins
210ΔCampbell Beulah F Mrs
216ΔHughes Felix T
233ΔAndersen Vivian C Mrs ⓞ
Ardenrun way ends
240ΔJohnston Jas H ⓞ
250ΔClark Chas F
256ΔMerkel Jas F ⓞ
257ΔMcColm Donald B
262ΔGallen Nell L Mrs ⓞ
265ΔBattin Clyde R ⓞ
271ΔElliott Clyde R ⓞ
276ΔJacobs Wm M
291ΔHall C Courtland ⓞ
Millbrook way intersects
311ΔWhitmer Lewis W ⓞ
316ΔNovak Harry J ⓞ
319ΔKincaid Dahlrom R ⓞ
320ΔMcNamee Mary E Mrs ⓞ
333ΔJones Chas E ⓞ
339ΔZimpfer Fred P ⓞ
347ΔGreiner Geo P ⓞ
358ΔGrapes Ralph M ⓞ
Stratford way ends
378ΔLockett J Robt ⓞ
388ΔKauffman Chas S ⓞ
400ΔButler Clayton E ⓞ
401ΔWhite Horace P ⓞ
Merryhill dr ends
418 Pekras Theo J
419 Vacant
Maryland av intersects

SHERIDAN (SW Div) — From 369 Clarendon av west to S Wayne av
2250 Dickerson Clyde ⓞ
2252ΔJohnson Geo H
2253ΔKuhn Melvin J ⓞ
2254 Custard Francis M ⓞ
Highland av intersects
S Wheatland av intersects
S Oakley av intersects
S Wayne av intersects

SHERIDAN AV (Bexley) — From 2153 E Main southeast to E Livingston av
565ΔCotter Alice B Mrs
567ΔSmith Glen C ⓞ
569 Clarridge Lulu B Mrs
571ΔKuhn Karl E
577ΔHaubrich Marie S Mrs ⓞ
583ΔMerigold Frank J ⓞ
584ΔBrueggemann Anna L ⓞ
591ΔThomas Lemuel D ⓞ pntr
596ΔHuff Anna L Mrs ⓞ
ΔBachhelm Edw
597ΔCurry Lyman R ⓞ
600ΔReidelbach John ⓞ
603ΔStiverson Russell E ⓞ
608ΔRoley Jesse B ⓞ
611ΔLangenberg Chas L ⓞ
614ΔSchoch Sarah C ⓞ
617ΔMesserknecht Louis E ⓞ
620ΔEisele Wm E
626ΔHumble Edna E Mrs
Auer Lura B ⓞ
631ΔHorst Theo L ⓞ
634ΔHolzbacher Nathan P ⓞ
637ΔKnighton Edgar E ⓞ
640ΔDavis Wm E
E Mound intersects (ws not open)
645ΔZack Aaron
647ΔSmoot Chas F phys
650ΔKoffmer Theo
651 **Sheridan Apartments**
Apartments:
(A)ΔPraver Louis L
(B)ΔZelko Wm E
(C)ΔBerg Simon P
(D) Vacant
Street continued
652ΔSubow Saml L
654 Williams Zola
656 Vacant
657ΔMerz Fred A ⓞ
658ΔWearin Frank W
662ΔMills Wm A
663ΔGennette Ellen C Mrs
664 Vacant
665ΔPorter Wallace B
666ΔBoyer Ellen
668 Vacant
672ΔRimer Wm C
668ΔBevington Chas E
ΔJones Harold W
675ΔCotterman Homer R ⓞ
676ΔEllis Oscar O ⓞ
681ΔBirch Walter L ⓞ
691ΔHunt Geo C ⓞ
694ΔRuth Earl C ⓞ
700 **Apartments**
(A) Vacant
(B)ΔFrumkin Hyman
(C)ΔSteffan Jas C
(D)ΔMiller Harvey A
(E)ΔEhrke Wm J
(F)ΔMarks Sidney E
701 **Apartments**
(A)ΔWalworth Lynn W
Walworth Blanche Mrs real est
(B)ΔSnashall Geo
(C) Vacant
(D)ΔWard Geo F
707 **Apartments**
(A)ΔBrooks Chas R
(B)ΔGorrill Irvan A
(C) Dermit Lee A
(D)ΔRolls Robt R
713ΔKirkland Elwyn W
713½ΔPearson Benj L
714ΔKresge Norman M
716ΔThatcher Don E
719ΔAdelman Philip
721ΔBerlin Bena Mrs ⓞ
722ΔTrott Cameron D
ΔAuld Mary E
727ΔGoss Adolf ⓞ
732ΔClark Earl V
734ΔEaly Lester C
735ΔZimpfer Paul E
736ΔJohnston Lena Mrs
737ΔCohagen Florence Mrs
738 Drumm Freda A Mrs
741ΔMcDermott W
743ΔBoehm John E
746ΔBuechner Adolph A
747ΔMagee Lee C
748ΔDavenport Harold R
749ΔParsons LeRoy
751ΔLanman Orsie E
753ΔBender Ivan A
754ΔMartin Harris J ⓞ
755ΔBradbury Anna F Mrs
756ΔLiggett Harry H
759ΔDoolittle Carl E
760ΔEllis Jas S
761ΔKaiser Fred C ⓞ
rearΔBailey Ralph E ⓞ
762ΔThorn Albert T
766 Smith Chas N
768ΔSobel Lee S
Astor av intersects (not open)
774ΔScott Harry E
776ΔHughes Wm W ⓞ
782ΔArnold Robt V
784ΔGestrich Robt W
798ΔKincaid Robt M ⓞ
800ΔKienzle Geo J
804ΔFrear John S
806 Huber John W
810ΔMeek Eliz W Mrs
812ΔMorbitzer Herbert
818ΔJones Lucille Mrs
820ΔCamm Harry E
824ΔGrossman Arth H
826ΔGutierrez Santiago ⓞ
831ΔEnenkel Edw L ⓞ
834ΔWise Henry B
834½ΔSchoenthal Carlton L
840ΔDebolt Harlin H
845 Stebelton Russell F
847ΔFenburr Herbert L
853ΔPickering Lafayette D ⓞ
856ΔMesserknecht Carl F ⓞ
857ΔSpencer Chas M ⓞ
857 Stevens Peter
861ΔMiller John C ⓞ
862ΔFreeman Thos D ⓞ
866ΔHarner Troy W
868ΔNewman Frank M
870ΔFage Emil R
871ΔMorrison Murdo ⓞ
872 Powell Frank J
875ΔDaum Ralph R
882ΔCronin Harry M
884ΔBaxter Lowell C ⓞ
885ΔHirsch David A ⓞ
Charles begins
890ΔAlthaus Geo J ⓞ contr
905ΔGoldin Edw
908ΔTaylor Gerald H
910ΔJohnson Howard ⓞ
911ΔCulp Arlus D ⓞ contr
912ΔGrelle Walter W
914 Hinterscheid Neil J
916ΔUpton Richd D
918ΔElsass Donald H
923ΔWells Jesse E
925ΔReed Mabel E Mrs
928ΔBaughman Chester E
930ΔSchultz Geo S jr
936 Gleckler Fred W
938ΔAlpers J Julian
940ΔMcKinley Wm B ⓞ
951ΔIkehorn Wilbur J ⓞ
954ΔHartlerode Arth V
956ΔGrimm Hilmar G
959ΔKlepser Harry J
960ΔReeves Richd E
962ΔHale Robt C
E Livingstone av intersects

SHERMAN AV (NW Div) — (Changed to Chambers rd)

SHERMAN AV (SE Div) — From 1251 E Broad south beyond Gustavus lane (not open between Oak and Franklin av)
E Capital intersects
26ΔWhitver Chas C
28ΔKahn Willard
29ΔBlack Howard J ⓞ
30ΔCoen Clara H Mrs
31ΔMoriarty John A ⓞ
32 Vacant
34ΔHarman Wm S
36ΔBayer Frank H
37ΔIrwin Frank A ⓞ
43ΔGillen Harry J
45ΔClark Harriet A Mrs ⓞ
Madison intersects
56 Williams Wm A ⓞ
60ΔWeber Jos E
61ΔBowen Chas H furn
62ΔNelson Harley B
65ΔDay Jos A ⓞ
66ΔParish Sarah W Mrs ⓞ
69ΔSpiller Geo A ⓞ
72ΔAsmus Chas R
73ΔSvehla Jos G
Lake al intersects

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

COLLEGE AVE 1937

COLE (SE Div)—Contd
1805 Altman Norman J bldg contr
1811 Anderson Ralph E

COLERAIN AV (NE Div)—From 395 Oakland Park av north to Rathbone rd, and from 531 Dominion blvd north

COLFAX AL—For occupants see S Garfield av

COLLEGE E (SE Div)—Changed to E Sycamore

COLLEGE W (SW Div) — Changed to W Sycamore

COLLEGE AL (NE Div)—From Hamlet east, bet First and Second avs

COLLEGE AV (Bexley)—From Main south, 2 east of Alum Creek
595 Stellhorn E F Wm Rev
605 Prather Reuben G
611 Petzinger Minnie E Mrs
Petzinger Chas C bldg contr
615 Betz Saml
625 Shaffer Martha Mrs
625½ McCormick Leota Mrs
635 Price Chas A
637 Atzinger Richd
641 Browne Edwin H
649 Althaus Sabina H
E Mound intersects
661 Hellerman Marie
662 Wilson Frank
669 VanMeter Thos E
672 Smoot Chas F
680 Beery Carl M
681 Kuhn Ambrose C
rear Kuhn Harry S
690 Elder John F
693 Young Clair A
699 Fromm Guy C
700 Shadrach David
709 Turner Gilbert L
714 Kuhn Hattie E Mrs
716 Dutton Herbert P
720 LaClare Chas C
726 Fry Geo E
729 Reeves Walter J
733 Hartman Geo L
737 Dunlop Oliver P
Cairo Augustine
738 Levin Saml M
740 Rothman Herman H
741 Fitzgerald Margt Mrs
746 Peckinpaugh Wm H
748 Scher Emma Mrs
751 Vacant
752 Benzin Louise A Mrs
760 Bright Minnie B Mrs
761 Hartman Wm B
766 Mayer Fredk C
767 Orr Grover L
Astor av begins
773 Hartman Lettie F Mrs
783 Boesch Anna J Mrs
786 Strones Edw N
793 Phillips Wm M
801 Petzinger Geo bldg contr
806 Underwood Rose Mrs
807 Tessier I Edmond
812 Licking Chris H
815 McKahan J Edw
822 Wade Robt E
828 Black Lynn E
832 Bradfield Robt G
833 Licking Chris H
834 Chamberlin Clara C Mrs
Skinner Walter G
835 Harnett Lewis D
840 Beck Ernest R
845 Bauerle Anna Mrs
850 Wessler Harry S
853 Johnson Saml B
854 Herr Ralph W
856 Roberts Bruce W
859 Waddell Saml
860 Hogan Louis J
862 Gossenz Harvey J
865 Ellis T Ralph
869 Williams Chas R
872 Reddy Robt K
879 Vacant
884 Wilkins John S florist
885 Schwartz Chas J
886 Brown Harold W
887 Walsh Corinne D Mrs
Charles intersects
888 Kinkead Ella M Mrs
904 Yaekle Wm
905 Davis Frank B
911 Hall E David
919 Sodt Wm G Rev
925 Ross Herbert E
931 Schelky Ralph J
936 Parks Orrin F
937 Field Albert W
943 Muhleman Bertrand B
955 Puckett Jane M Mrs
956 Baumann Geo D
960 Bettac Wm C
967 McCray Homer D
970 Taber Louis J
971 Watters Homer O
975 Pilcher Mack R
980 Harris Nicholas E jr
981 Kreachbaum Chas L
984 Crist Clyde L
988 Palmer Frank H
989 Herr Susan
1002 Berwick Confectionery
Livingston av intersects
1033 Champ Thelma R restr
1079 Johnson Tom Sea Food Grill
rear Kerr John M
1079½ Petty Zade
1161 Schmeemilch Fred W
1179 Francis H Glen
1181 Sheaf Geo
1191 Webster Lott E pntr
1207 Holskey Lewis
1211 Feist Henry P
1372 Nitrauer Elmer E
1400 Berwick Golf Club Bash Herbert W

COLLINGSWOOD RD (Upper Arlington) — From Northwest blvd west, 1 south of Lane av
1848 Wolf Louis C
1851 Secrest Roy J Dr
1856 Farley Frank J
1857 Davis Mansell F
1874 Carlson C Arth bldg contr
1886 Robbins Harold F
1896 Aschinger Wm F jr
1913 Updegraff Wm C
1929 Binder Albert E
1934 Cott Lawrence W
1942 Williams Jules C
1943 Peters John E
1950 Davis Francis W
1951 Woodin Ray E
1959 Mager John
1964 Postle Wendell D
1967 DeLong Dwight M
1977 Tice Herman O
Henthorn rd intersects
1998 Euans Earl W Dr
2007 Leonard Edw P
2014 Nicholoy Winford E
2023 Eckelberry Geo W
2028 Yohe Edwin B
2029 Carruthers John L
2036 Lum Wm T
2039 Peterson Alvah
2044 Wheeler Otto J
2052 Nelson Vern V
2060 Jones L Ewing
2074 Marburger Ralph E

COLLINGWOOD AV (Cedarhurst) — From 3793 E Broad south

COLLINS AV (NW Div)—From 707 Dennison av west
228-30 Boyer Clarence E gro
228½ Sines W Frank
229 Lyons John A
231 Dixon Edw
Hunter av intersects
236 Roumeliote John J
237 Miller Chas R
238 Martin Walter Y
239 Sherburn Smith R
240 **Apartments**
1 Huston Lillian M Mrs
2 Enright Thos P
3 Galloway Wm G
4 Bumgarner Harry W
5 Sleffel Fred E
6 Baughman Calvin R
7 Harper Grover C
8 Scott Erie C
Street continued
241 Walls Homer
243 Sheward Sherman L
Foster Wm R
244 Chirakes Jas C
245 Timmons Geo L
246 Larrimer Geo M
247 Wilson Edison C
Highland av intersects
252 McCaffrey Clarence J
254 Hunnel Frank
Deal Alvie C
Neil av intersects
292 Denney John W
Brenning Walter H
294 Clark Arth J gro
295 Davenport Alice Mrs
300 Medley Wm R
308 Dennis Carl W
Henry intersects
337 Deoring Walter S
339 Pirrone Anthony
341 Woods Everett
345 Kennedy Jack R
347 Evaristus Jos bldg contr
349 Zari Alfredo
Delaware av intersects
386 Arthur Smith
387 Cornelius Lovett
388 Griswold Raymond L
389 Nelson Neva Mrs
390 Miller Angeline
392 Stevens Janie Mrs
394 Emonis Richd H
Harrison av intersects
430 Glover Gerry
433 City Ice & Fuel Co sta
435 Locke Eug C
436 Germany Thos
437 Broady Harold L
438 Slade Thurman
439 Thomas Alice A P Mrs
441 Rice W Banks
443 Leftwich Fredk
445 Cass Geo
447 Smith Benj
449 Redd Robt
451 Gibson Maggie M
453 Anderson Edgar T Rev
455 Watts W Clymer
457 Holt Ruth Mrs
480 DeBellis Peter
Pennsylvania av intersects
482 Frizzell Cecil B
486 Boggioni Guido
487 Vacant
489 Morrison Sam W
Michigan av intersects
537 Glover Isam
Ingleside av intersects

COLUMBIA AV (NW Div) — From North Starr rd west, 1 north of King av
(1) w Evans Ella S Mrs
(2) w Alve Geo

COLUMBIA AV N (Bexley)—From E Broad north, 1 east of Parkview av
63 Wheaton Robt J
Clifton av intersects
91 Brown John W
Wall Glee O nurse
107 Harrison Florence L Mrs
129 Thomas Emma C Mrs
Commonwealth av intersects
260 Beaton Ralph H
271 Murphy Hugh J
279 Stockdale Raymond D
Boston av intersects
296 Salsich Neil E
301 Blakey Halbert B Dr
317 Miller Roland W
Maryland av intersects
326 Dobson Schuyler C
393 Winslow Philip K
403 Fallon Ralph S bldg contr
499 Becker John W
Caroline av intersects
Penna RR crosses
Fifth av intersects

COLUMBIA AV S (Bexley) — From E Broad south, 1 east of Parkview av
31 Willcox Bertha P Mrs
55 Hoy Carl D Dr
56 Brown Ossee Mrs
rear Dean C Boyd
65 Smith Geo K
66 Kibler Geo E
80 Derby Earle C
83 Landrum Albert B Dr
Powell intersects
99 Hamilton Frank A
104 Leckie Wm S
115 Cook Herbert P
116 McCafferty John W
125 Stout Jacob A Dr
137 Berry Girard
140 Archer Geo A
167 Ross Geo
Elm av intersects
171 Harding Marilla J Mrs
172 Lazarus Simon
185 Connor John A

LIVINGSTON AVE E 1937

LIVINGSTON AV E (SE Div)— Contd
1988 Offenberg Paul nursery
1991 Kramer John filling sta
2000 Rohr Harry S
2004 Miller Wm
Alum Creek dr begins
2005 Lee Martha R restr
2050 Emmert Geo
rear Independent Rendering Co
Alum Creek crosses
2211 Dulgar Wm H restr
2221 McKinley Motor Service
sw cor Ross Herbert E filling sta
College av intersects
2286 Viereck Emma S Mrs
2372 Bell Gaylord T
Vernon rd ends
2536 Hutchinson Roy A
3034 Bolton John E filling sta
3074 Shields Elva B
3102 Hickey Robt E
3105 Swain Wm M
3119 Kaiser John G
3120 Manifold Richd W
3153 Hammond Peter T
3252 Paugh Coulter E
Corporation line
—— Shady Lane Milk Co The

LIVINGSTON AV W (SW Div)—
From 433 S High west
5 Franklin News Co
16 Thompson Sidney M
18 Stalcup Nellie M Mrs
21 Arendt Leona Mrs
23 Jones Thos
24 Vacant
Wall intersects
32 Weatherman Battery Service
38-40 Vacant
42 Taynor Jas W
Taynor Mary E Mrs restr
43 Mart & Johnston auto reprs
Puzewich Frank G auto pntr
45 American Plating Co
51 Vacant
52 Mattles Wm M
S Front intersects

LLEWELLYN AV (SE Div) —
From 2389 Groveport Pike west, 2 south of Caroline av
447 Grotsky Benj
453 Mock Peter
457 Baker Aubrey J
459 Hughes Chas
473 Baker Everett H
478 Burt Elus
481 Deuschle Louis
485 Johnson Aaron
491 Moore David
rear Massie Milford
495 Roseberry Hernando C

LOCKBOURNE AV (SE Div)—
From 1367 E Main south, 1 east of Studer av
447 Rackham Jas A
449 Miller Eliz
McAllister av, Mound, Fulton, Cole, Mooberry, Kent and Gault intersects
782 Bensheimer Philip J
784 Zwilling Marcus F
792 Weis Christian
802 Wooten Marion L
802½ Kulp Dominic H
Livingston av intersects
834 Santeler Anton H auto repr
845 Hoover Harley E
847 Steckel Archie W F
850 Klemme Marie E Mrs
851 Trent Wm H
854 Hathaway Wm E
855 Barrett Raymond S ice and coal
858 Kiesel Josephine A Mrs
859 Davis Donald D
859½ Bishop Halbert D
862 Brunn Arth L auto repr
863 Cassidy Wm D
866 Emswiler Chas
868 Schmitz Louis
869 Riffle Theresa A Mrs
870 Ballenger Cyril E
872 Mazza Frank J
877 Shiers Mary G Mrs
878 Rounsavell Wallace V
879 Isaly Herman R
882 Saltzgaber Gus
Saltzgaber Emma E nurse
886 Rambacher Gus
Sycamore intersects
889 Logan Thos P
892 Bunte Arth L
893 Berman Bessie B Mrs
Cohen Sally B beauty shop
894 Allen Lewis E
901 Farrow Lillian B Mrs
905 Nafzger Chauncey E
906 Kanter Max P Dr
909 Voll Ralph E
910 Vacant
913 Erpelding Marie K Mrs drsmkr
914 Lingafelter Chas D
917 Mullineaux Georgia A Mrs
918 Ditz Elmer F
Ross Eva L nurse
919 Miller Lena H Mrs
921 Schmieder Jos F contr
922 DuBois Wm M
923 Moler Henry F
925 Martin Emmett O
926 Bird Whittier S
929 Fry Marguerite E
932 Kampes Louis P
933 Volterman Aloysius M
Forest intersects
934 Harden Russell T
938 McCracken Ronald R
942 Eppley Walter E bldg contr
945 Bensheimer Henry
948 Huston Wm R
952 Smith Raymond G
953 Twigg Delbert J
957 Frank Emma Mrs
958 Moore Saml J
960 Deladonne Michl
963 Schrantz Alphonso A
964 Huber Carl W florist
965 Anderson John H
969 Wharton Daisy L Mrs
971 Basil Sterlie
973 Leeman Milton J
975 Vacant
979 Palestrant Peter
981 Driggs Edw
985 Farrand Harvey A
Columbus intersects
995 Graves Jas W gro
996 Parker Mary Mrs
Ecker Jas H
998 Butler Victor J
999 Krick Austin R
1002 Judkins Frank E
1003 Gurke Robt L
1005 Smith Mary A Mrs
Burlett Louise K Mrs
1006 Green Geo L
1011 Lehman Delmar E
1012 Doersam Harold A
1013 Kegg Emma L Mrs
1015 Bercaw Thurman R
1017 Cooper Russell B
1019 Durham Edwin R
1022 Dowdy Frank H
1024 Locke Geo A
1025 Cooper Luther M
1027 Sutton Louis R
1028 Hiltoner Norma E
1030 Steen Saml W
Kossuth intersects
1038 **Apartments**
(A) Cook John J
Cook Jos P bldg contr
(B) Silver Lottie Mrs
(C) Yasko Geo W
(D) Dorman Barney L
Street continued
1042 Farrand Ferne E Mrs
1044 Lynch Edw E
1048 Merring Geo C
1052 Siegelman Saml B
1054 Luper Louis
1056 Cohen Ellis
1060 Kidwell Fred T
1064 Hedges Chancy W
1068 Vaughn Frank E
Stanley ends
1074 Koerner Frank D
1076 Fenner Walter M
1079 Davis Geo W
1080 Pierce Clem
1083 Martin Wm F
1088 O'Connell Ella Mrs
O'Connell Richd F
1089 Teegardin Curtis A
1092 Rodgers Sylvester E
1100 Allen Homer W
1104 Voliva Clarence J confr
Whittier intersects
1118 Fenner Mark H
1120 Jones Robt E
1122 Neff Clara M Mrs
1130 Miller Valentine
1136 Spence David W
1142 Tushbant Sadye Mrs
1145 Mellman Jacob A
1156 Portisch Leopold
1158 Hochuli Adolph
1162 Joseph Chas H
1164 Beaver Scott M
1171 Mobely Heber H
1172 Vacant
1173 Smith Grace P Mrs
1178 Geyer Geo
1181 Etling LaRue W
1183 Stockin Herbert F
1185 Lippert Wilton H
1187 Friend Mary A Mrs
1191 Lippert John H
1194 Held Norman J
1195 Kemp Clarence R
1196 Brinkman Edwin P
1199 Telfer Crawford S
1227 Jander Herman G
1236 Fleshman Jos F
1268 Vacant
1269 Scholl Frank
1282 Altman John F
Deshler av intersects
1290 Altman Donald O
Altman av intersects
1295 King Wade N
1297 Scharf Fred
1298 Goshen Gilles H
1301 Eisman Louis W
1305 Grossman Fredk M
1306 Kramer Arth H
1309 Griffey Otto E
1310 Reinhart Wm E
Burns John P
1314 Evans Homer A
1318 Whitney Chas E
1321 Meier Jos A
1322 Meinert Emma Mrs
1326 Evans David H
1330 Connett Maude A Mrs
Coon Minnie H Mrs
1333 Streng Edw H gro
1338 Alibrando Frank
1342 Alibrando Frank gro
1347 Connett Maude Mrs filling sta
Thurman av intersects
1354 Krumm Curtis A
1358 Enright Thos J
1362 Alexander Howard T
1366 Spicer Frank M
1367 Kunzi Julius E
1370 Merry Chas A
1374 Karcher Carl C
1382 Neeley Edw
1387 Spencer Edw J
1390 Such Wm R
1398 Holderman Benj
McCloud rd begins
1409 Hazlett Russell J
1421 McCloud Peter E
Gates crosses
1442 Vacant
1451 Swaney Stanley M
1457 Kelley Steph J
1465 Yaus Wm A pntr
1479 Huefner Louis A
1483 Wirtz Fred L
1497 Igel Geo J
1509 Manns Wm
Frebis av intersects
1536 Hickey Wm M
1589 Borst Christ
1592 Moeller Walter gdnr

TP	Adjoining	Source
-	✓	R. L. Polk & Co.

SHERIDAN AVE 1937

SHELDON AV (SE Div)—Contd
686 Morrey Eliz Mrs
688 Corothers Chas D
690 Valentine Paul E
692 Halves Harry E
694 Scott Chas L
696 Hatfield Donald E
699 Huffman Ruth Mrs
700 Smith Edw G
702 Miller Steph J
730 Miller Foundry Co

SHEPARD AV (NE Div)—Name changed to Margaret av

SHEPHERD (SW Div) — From Mill west, 1 south of Broad
545 Vacant
547 Vacant
549 Vacant
551 Vacant
553 Vacant
Gift intersects
574 Rohrer Wilbur A
576 Hysell Emmett M
578 Lucas Carl E
582 Stillwell Jas
584 McCune Harley M
Skidmore intersects
610 Phalen Francis H
614 Gordon Chas W
616 Bruck Della M Mrs
618 Cloud Leo
620 Vacant
621 Hesse Frederic
Marsh Ward F
Slagle Esther Mrs
Winebrenner Wm F
622 Brown Arth
624 phold Elmer J
626 Corbin Calvin R
631 Bechdolt Barney G
Grubb intersects
644 Martin Clarence D
646 O'Rourke Jos
648 Riddle Floyd
650 Moore Russell A
652 Scaggs Jas
654 Skaggs Clyde
656 Edwards Emma B Mrs
Sandusky intersects

SHERBOURNE DRIVE (NE Div) —From Clifton north, 1 west of Nelson rd
188 Evans Thos A Dr
203 Young Robt T
204 Fuqua Jas C
210 Cowles Stewart L
216 Vacant
233 Andersen Vivian C Mrs
Ardenrun way intersects
240 Johnston Jas H
Denbridge way intersects
250 Peckinpaugh Robt T
271 Elliott Clyde R
276 Bamberger Irwin J
291 Strawser Raymond W
Millbrook way intersects
311 Shepherd John S
320 McNamee Mary E Mrs
339 Zimpfer Fred P
358 Grapes Ralph M
388 Kauffman Chas S
400 Vacant
418 DeVille Henry V

SHERIDAN (SW Div) — From Clarendon av west, 1 north of Sullivant av
2250 Dickerson Clyde
2252 Berry Jas H
2258 Kuhn Melvin J
2254 Custard Francis M
2260 Vacant

SHERIDAN AV (Bexley)—From Main southeast to Livingston av, 1 east of Alum Creek
565 Eitel Edw L
567 Callahan Thos J
569 Vacant
571 Vacant
577 Haubrich Marie S Mrs
583 Merigold Frank J
584 Brueggemann Anna L
591 Stone Hal A
Innis Chas L
596 Miller Annie C Mrs
Bachhelm Edw
597 Curry Lyman B
600 Reidelback John
603 Stiverson Russell E
608 Boley Jesse B
611 Langenberg Chas L
614 Schoch John M
620 Eisele Theresa Mrs
626 Humble Saml B
631 Schaaf Louis J
634 Holzbacher Nathan P
640 Gorfine Arth J
Mound intersects
645 Swerdlow Saml C
647 Gumble Rose J Mrs
650 Loudenslager Henry
651 **Sheridan Apartments**
Apartments:
(A) Post Harry S
(B) Ratner Jack L
(C) Robins Julius C
(D) Mayer Sol
Street continued
652 Brannigan Wm F
654 Williams Nelle
656 Taliaferro Gus L
657 Merz Fred A
658 Stein Cyril C
660 Vacant
662 Parker Frank E
663 Schiller Maurice S
664 Osbun Paul E
665 Clements Grover F
666 Vacant
672 Haldy Norma S Mrs
Haldy Gertrude interior decorator
675 Cotterman Homer R
676 Ellis Oscar O
681 Birch Walter L
691 Hunt Geo C
694 Ruth Earl C
700 **Apartments**
(A) Thompson Jas B
(B) Meek Eliz W Mrs
(C) Watson Henry D
(D) Isaac Sol M
(E) Lefkowitch Allen M
(F) Squire Saml H
Street continued
713 Naugle Paul J
713½ Price Richd H
716 Kieffer Augusta M Mrs
719 Adelman Philip
721 Berlin Nathan
722 Trott Cameron D
Boyland John D
727 Goss Adolf
732 Greiner Robt M
734 Davis Ahren A
735 Whiton Ernest L
736 Johnston Clarence M
737 Waite F Howard
738 Hardun Clyde E
741 Kirkland Elwyn W
743 Davis Walter W
746 Buechner Adolph A
747 Kidd Robt A jr
748 Putnam Harold W
749 Brothers Earl J
751 Lanman Ort A
753 Bender Ivan A
754 Martin Harris J
755 Adolph Ward
756 Williams Russell E
759 Bidlack Phil M
760 Elmer Robt J
761 Kaiser Fred C
rear Bailey Danl J concrete contr
762 Moeller Harry A
766 Sculler Simon A
768 Sullivan Pauline B Mrs
774 Scott Harry E
776 Hughes Wm W
782 Whiting Dana
784 Green Wm N
798 Kincaid Robt M
800 Rasor Frank B
804 Wisterman John M
806 Webb Albert L
810 Johnson Wm T
812 Williams Morgan G
818 Colabrese Dominick G
820 Hill Chester D
824 Silberstein Max F
826 Gutierrez Santiago
831 Enenkel Edw L
834 Brown Russell B
834½ Barber Clarence M
840 Schiefer Kath Mrs
Garvin John F
845 Greenfield Alex S
847 Sheetz Roy E
853 Pickering Lafayette D
856 Messerknecht Carl F
857 Campbell Margt
Ritchie Leo A
861 Miller John C
862 Clark Earl V
866 Tatem Durward E
868 Vacant
870 Stebelton Jas L
871 Morrison Murdo
872 Lewin Alvin H
Hazard Bliss A
875 Freer Slade
882 Callahan Leslie
Jackson Lonnie M
884 Carpenter Claude V
885 Underwood Clarence E
Charles av intersects
899 Althaus Geo J
905 Awe Geo F
908 Wick Neil A
910 Johnston Howard
911 Culp Arlus D plstr contr
912 Grelle Walter W
914 Guthrie Minnie W Mrs
Walworthy Lynn W
Walworthy Blanche G Mrs real est
916 Reiland Wm E
918 Craig Wm C
923 Reed Mabel E Mrs
925 Warwick Howard E landscape gdnr
928 Kastner Elmer W
930 Jones Zane L
936 White Andrew J jr
938 Thomas Lemuel D pntr
940 McKinley Wm B
951 Ikehorn Wilbur J
954 Vermillion Louis N
956 Miller Elvin E
959 Chadwick Dale E
960 Arbenz Nand J
962 Alcox Lloyd W
Livingstone av intersects Corporation line

SHERMAN AV (SE Div)—From 1265 E Broad south
26 Gordon John P
28 Taylor Harold W
29 Knox John W
30 Falk David B
31 Moriarty Mary C
32 Vacant
34 Klopp Kenneth F
36 Morganroth Nathan
37 Irwin Frank A
43 Gillen Harry J
45 Clark Harriet A Mrs
Madison intersects
56 Williams Wm A
60 Karshner Herman C
61 Grace Jas E
62 Nelson Harley B
65 Day Jos A
66 Parish Sarah W Mrs
69 Horn Frank
Spiller Geo A
72 Asmus Chas R
73 Hughes Harry C
77 Weaver Jos W
Fair av intersects
115 Ward Orville G
116 Jennings Ida M Mrs
118 Black Frank R
121 Rieger Fredk
122 Munsell John W
125 Wightman Annie J Mrs
127 Robinson Eliz Mrs
130 Prichett Bertha M Mrs
132 Noyes Blanche M Mrs
132½ Boyle Anna L nurse
135 Vacant
136 Pickering Thos O

APPENDIX O
PREVIOUS ENVIRONMENTAL INVESTIGATIONS REPORTS

REPORT OF

GEOTECHNICAL STUDY

PROPOSED PUBLIC SERVICE FACILITY/NURSERY
BEXLEY, OHIO

FOR

THE CITY OF BEXLEY

JANUARY 2003

H. C. NUTTING COMPANY

H. C. NUTTING COMPANY
EMPLOYEE OWNED
GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS
SINCE 1921

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January 31, 2003

W.O.# 61441.001

Mr. Daniel J. Lorek
Development Director
The City of Bexley
2242 East Main Street
Bexley, Ohio 43209
Ph: (614) 235-8694
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Re: Report of Geotechnical Study
Proposed Public Service Facility/Nursery
Vacant 1.695 Acre Lot Located at Mayfield Place
Bexley, Ohio

Dear Mr. Lorek:

H. C. Nutting Company (HCN) is pleased to present our report of the geotechnical study for the proposed Public Service Facility/Nursery to be located on a vacant 1.695 acre lot at Mayfield Place in Bexley, Ohio. Additionally, this report summarizes the findings of three borings drilled on the adjacent vacant lot located north of the referenced 1.695-acre lot. This report includes findings of our recent subsurface exploration, results of our analyses, conclusions and recommendations addressing foundation design and construction for the proposed building, floor slab, pavement and other related geotechnical issues.

This study was performed in general accordance with our proposal letter dated November 20, 2003 and our letter summarizing costs associated with additional drilling dated January 9, 2003. Written authorization to proceed with the work described in our

proposal was provided by The City of Bexley on December 18, 2002. Verbal authorization to proceed with additional drilling summarized in our January 9, 2003 letter was provided by you on January 15, 2003. The subsurface exploration phase for the proposed development was completed on January 25, 2003.

We appreciate the opportunity of working with you on this project. Please contact us concerning any questions that may arise during review of the report, or if you require additional information as you proceed into the final design and construction stage of this project.

Thank you for your consideration.

Respectfully submitted,
H. C. NUTTING COMPANY

Yogesh S. Rege, P.E.
Project Geotechnical Engineer

Kevin M. Ernst, P.E.
Senior Geotechnical Engineer

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Figure 2: Pavement Area Structural Base

Log of Test Borings

INTRODUCTION

Purpose

The purpose of this geotechnical study was to characterize the subsurface conditions across the project site. Engineering recommendations have been developed to highlight the foundation design and construction aspects, floor slab design, pavement construction of associated access drives and parking areas and other related geotechnical issues for site development purposes.

Scope of Study and Report Format

This study included performing 11 test borings (B-1 through B-11), laboratory testing on selected samples, analysis and development of engineering recommendations, and preparation of this report. The following text describes the project, our findings and geotechnical recommendations. Following the text of the report is an appendix, which contains two figures and reclassified test boring logs. Also, included in the appendix are descriptions of terminology used in the test boring logs and important information regarding the basis and limitations of this study.

Project Description

We understand that City of Bexley is planning for construction of a 21,200 nsf public service facility/nursery in Bexley, Ohio. The approximate 1.695-acre site is located north of the City of Hilliard Heritage Trail, located at Mayfield Place in the southwest quadrant of Bexley. The property is currently vacant. The new proposed structures will consist of about 20,000 nsf for vehicles and equipment, material and storage, and 1,200 nsf for offices, 3 mechanic bays with portable lifts, a fuel storage system with 2 gas pumps and 4,000-gallon each UST/AST, and about 30 parking spaces.

A preliminary site plan provided by Davis King Architects showing the proposed site

layout is shown in Figure 1. Preliminary building loads are not available. Based on the type of construction described, we have assumed that building loads will be light, with maximum column loads on the order of 50 kips and wall loads on the order of 3 kip/lineal foot.

Site Description and Background Information

The site visit by the project geologist indicated that the site is located immediately north of a one-way access drives that connects "dead end" streets Mayfield Place and Ferndale Place (Figure 1). The site is level for the most part, with clusters of small to medium size trees and brush growing within the generally grassy/weeded lot. The top of the bank to the Alum Creek is located at the western boundary of the site. The ground surface at the western limits of the site slopes downward sharply with an elevation drop of about 15-ft. to Alum Creek.

Information provided by The City of Bexley indicates that property in the general area of the site was landfilled in the past. Please refer to our Phase 1 Environmental Site Assessment for a summary of known or documented filling activities at the site, as well as a summary of any related environmental issues. Evaluation of environmental issues regarding this site is not within the scope of this geotechnical report. Visual observations made at the site by our project geologist corroborate the presence of landfilling at the site and vicinity. Some of these observations include structural distress/settlement of sections of pavement and nearby building structures. Additionally, from discussion with local police officials during drilling operations, we understand that a tennis court located immediately to the north of the site is reportedly supported on a platform founded on deep foundations.

EXPLORATION AND TESTING PROGRAMS

Field Exploration

Eleven Standard Penetration Test (SPT) borings (B-1 through B-11) were drilled for this project. The "as-drilled" test boring locations are depicted on the Test Boring Location Plan (Figure 1). This plan was developed from a preliminary layout provided by Davis King Architects (Architect). Borings B-1 through B-8 were drilled at locations provided by the Architect for the proposed facility at the referenced 1.695-acre site. Boring B-9, B-10 and B-11 were drilled at locations provided to HCN by the Architect at the vacant lot located north of the 1.695-acre lot in order to evaluate general subsurface conditions there. The test borings were located in the field by HCN by referencing existing site features. The ground surface elevations at the boring locations were estimated by HCN using standard leveling methods and referencing a temporary benchmark (steel bolt) set in pavement at the centerline of Mayfield Place at its extreme north end (Arbitrary Elevation = 100.0 ft.).

The test borings were performed utilizing a drill rig mounted on an All-Terrain vehicle (ATV). The drilling equipment was mobilized to the site on January 8, 2003, to perform drilling and sampling of the borings for the project. Upon encountering relatively deep uncontrolled fill at the site in the first boring drilling, the drilling equipment was demobilized from the site pending authorization by The City of Bexley to proceed with proposed additional drilling at the site. Following authorization to proceed, the drilling equipment was mobilized to the site on January 20, 2003. Drilling was completed on January 25, 2003. Boreholes were advanced and stabilized using hollow-stem augers while sampling was accomplished using the SPT procedure (ASTM D 1586). Split-spoon samples were obtained at 2.5-ft. intervals for the first 16.5-ft. of depth, and at 5.0-ft. intervals thereafter.

The drill foreman maintained a log of the drilling operation. This log included a description of the soils encountered from each split-spoon, the depth at which the soil changed, the depth from which each sample was recovered, and the type of sample.

The log also included the number of blows for each 6" of drive on the split-barrel sampler. Levels at which any groundwater and seepage were encountered were also noted, along with other pertinent information developed during the drilling operations.

Laboratory Testing

Upon completion of the field exploration program, the collected samples were returned to our laboratory. A laboratory-testing program was conducted on selected samples; the program consisted of pocket penetrometer readings on cohesive samples.
After completion of the laboratory program, reclassified test boring logs were prepared by the project engineer based upon visual inspection of samples, and laboratory test data. These classified logs and test results are included in the appendix section of this report.

SITE CONDITIONS

Encountered Subsurface Conditions

Uncontrolled random fill material was encountered in all eight borings at the subject 1.695-acre site to depths varying from 8.0 to 20.0 ft. below the existing ground surface. Uncontrolled random fill was also encountered in the three borings performed in the area north of the subject 1.695-acre site. The depth of the uncontrolled fill in these borings ranged between 7.5 to 12.5 ft. below the existing ground surface. Beneath this existing fill material, the test borings revealed natural granular deposits, except in borings B-1, B-7, B-10 and B-11 where a layer of cohesive soils was encountered below the fill, underlain by the granular deposits. A description of each of the major soil stratum encountered during our subsurface exploration phase is included below.

Uncontrolled Random Fill Material

The borings revealed varying depths of uncontrolled random fill across the site. The fill encountered during our exploration may be the result of past landfilling operations. In

the following table we have tabulated the fill depths encountered in each of the borings performed during our exploration.

Boring	Fill Depth below Existing Ground Surface (ft.)
B-1	8.0
B-2	12.5
B-3	12.5
B-4	13.5
B-5	12.5
B-6	18.5
B-7	20.0
B-8	15.0
B-9	12.5
B-10	10.0
B-11	7.5

The fill encountered in the borings indicated a heterogeneous composition. The fill consisted of both cohesive, as well as granular soils with varying amounts of organic and deleterious materials consisting of decayed wood fragments, roots, brick, rock fragments, gravel, asphalt fragments, cinders, glass fragments etc. SPT N-values within the fill varied from 0 (weight of hammer/tools) to 15 blows per foot (bpf). The granular fill indicated a very loose to loose compactness and the cohesive fill indicated a medium stiff consistency.

The wide variation in consistency rating, heterogeneous composition, and presence of organic and other deleterious matter is an indicative that this fill material was placed in an "uncontrolled" and "random" fashion.

Natural Cohesive Soils

Natural soils consisting of sandy lean clay, lean clay, clay and sandy silty clay were encountered beneath the fill in Borings B-1, B-7, B-10 and B-11. SPT N-values within these soils varied from 2 to 15 bpf and pocket penetrometer readings varied from 1.25 to 2.75 tsf. These soils indicated consistency varying from very soft to stiff. The thickness of these layers varied from about 2.5 to 5.0 ft.

Natural Granular Deposits

Natural granular deposits were encountered beneath the uncontrolled fill and cohesive soils described above at depths varying from 12.5 to 25.0 ft. below the existing ground surface. The granular deposits consisted of silty clayey sand, sand, silty clayey gravel, clayey gravel, silty gravel and sandy silt. SPT N-values within these deposits varied from 3 to 36 bpf. Very loose to loose deposits were encountered in Boring B-3 between 18.5 to 25.0 ft., in Boring B-8 between 20.0 to 30.0 ft. and in Boring B-10 between 12.5 to 25.0 ft. below the existing ground surface. Medium dense to dense deposits were encountered elsewhere.

Groundwater

In the following table we have provided the groundwater (GW) information recorded during and at completion of drilling and 24-hours after completion of drilling.

Boring No.	Immediate GW Reading (ft. bgs*)	At Completion GW Reading (ft. bgs*)	GW reading 24-Hours After Drilling (ft. bgs*)
B-1	20.0	18.5	--
B-2	15.0	14.0	--
B-3	12.5	15.0	--
B-4	13.5	12.5	--
B-5	12.5	12.0	--
B-6	20.0	17.0	--
B-7	25.0	21.0	--
B-8	15.0	13.0	10.5
B-9	15.0	13.0	12.0
B-10	15.0	11.5	10.0
B-11	15.0	15.0	13.0

* bgs – Below existing ground surface

-- Borings backfilled prior to 24 hours

Based on the groundwater readings recorded during our field exploration, it appears that the groundwater table is deep enough that seepage may not be a factor in shallow excavations that may be required for underground utilities. It is likely that the granular deposits are hydraulically "connected" to the nearby Alum Creek. It should be anticipated that groundwater levels will fluctuate with changes in the water level of the creek.

CONCLUSIONS AND RECOMMENDATIONS

Development of Site Consisting Uncontrolled Fill – A General Overview

Development of the site with thick deposits of uncontrolled fill should occur with the understanding that a certain level of risk will be associated with its development. The risks associated with constructing buildings with conventional foundation systems (e.g., spread footings with slab-on-grade) at the site may include long-term subsidence; settlement and surficial cracking of building foundations and floor slabs; and potential periodic maintenance of buildings and pavement due to the long-term consolidation/densification of the underlying fill soils. This is because of the significant depth of the existing fill and its non-uniformity in material characteristics, moisture characteristics, and density.

There are no theoretical or analytical geotechnical methods presently available to accurately predict the amount of potential settlement that will occur when a foundation or floor slab bears directly on existing deposits of heterogeneous fill. We know from long-term experience, that settlement of structures bearing over random heterogeneous fills is a long-term phenomenon, which can occur over the life of the structure. It should be understood that the settlement is not only due to the foundation and floor slab loads, but also due to the long-term degradation and consolidation of the existing fill under its own weight. Experience has shown that the subsidence is inherently uneven, resulting in differential settlement and associated structural distress.

General Assessment

Due to uncontrolled nature of the random fill, it would be advisable to minimize the excavation on the site. Excavations would expose the highly inconsistent underlying uncontrolled random fill consisting of various deleterious materials.

The depth and variability of the uncontrolled fill preclude the use of conventional shallow foundations at the site. We considered various foundation options for the site. One option considered consisted of partially undercutting uncontrolled fill and replacing it with structural fill to support shallow foundations. Our evaluation of this option indicated that this option would likely not provide an acceptable settlement response for the proposed building structures. A full depth undercut option would not be practical or economical due to significant depth of the fill. Therefore, in this report we are presenting two options for development of the site. The first option consists of constructing proposed building structures on a system of grade beams and structural slab supported on deep foundations bearing within the underlying natural granular deposits. The type of deep foundation system we recommend is auger cast grout-injected (auger cast) piles. The second option presented in this report consists of ground improvement using deep dynamic compaction at the site. After deep dynamic compaction is completed building structures may be supported on shallow foundations after performance of appropriate site grading operations.

We are also provided recommendations for construction of pavement areas using a geotextile reinforced base.

Initial Site Development

In general, the initial site grading measures should include complete removal of all vegetation and topsoil in the building footprint and pavement areas. Such unsuitable material should be stripped off within and at least 10 ft. beyond the limits of the proposed structural areas (building floor slab, parking areas and areas to receive

structural fill).

Foundation Construction

Because of the significant depth of fill present at the site and its non-uniformity in material characteristics, moisture characteristics, density, and presence of organic matter, construction of conventional shallow foundations directly on these fill soils is not recommended. This is because of the potential for excessive total and differential settlements and subsidence if slab-on-grade type construction (with associated shallow foundations) is adopted.

A deep foundation option consisting of auger cast piles or a shallow foundation option after ground improvement using deep dynamic compaction is recommended for proposed building structures at the site.

As part of the recommendations associated with the auger cast pile foundation option, we are also providing recommendations for a structural floor slab, subgrade preparation for pavement areas and utilities considerations.

Auger Cast Pile Foundation Option

The approximate pile tip bearing depths for the auger cast piles are tabulated in the table found in this section. Please note that the "ground surface" referred to in this table is the existing ground surface at the boring locations at the time of drilling. The actual bearing depths of each pile should be determined in the field during inspection by a representative of the geotechnical engineer.

We recommend that the following criteria be used in the design and construction of the auger cast pile foundation system.

Design Recommendations

1. We have evaluated 16" diameter auger cast piles for 25 and 50 kip capacities. The

analyses were performed at boring locations B-8 and B-7. The analysis at Boring B-8 is for auger cast piles in the proposed office area and the parking bay area. The analysis at Boring B-7 is for auger cast piles in the Green House building area. The table below provides the pile tip depths within the granular strata that would be required to achieve the 25 and 50 kip capacities. These capacities refer to the downward load bearing capacity for a pile. We are assuming that significant uplift forces are not anticipated.

Boring Location	Pile Diameter	25 Kip Capacity	50 Kip Capacity
		Min. Depth BGS*	Min. Depth BGS*
B-8	16"	35 ft.	42 ft.
B-7	16"	35 ft.	42 ft.

* BGS – Below Ground Surface

2. The Ohio Basic Building Code (OBBC) limits compression capacity to 25 percent of the 28-day specified grout compressive strength. We recommend using at least 3000-psi grout. Using this value and pile diameter listed in the table above, the maximum allowable pile capacity computed using this OBBC criterion exceeds the allowable design capacities presented in the table.

3. A reinforcing steel bar should be specified in each pile, as specified in the following installation recommendation section.

4. Piles should be spaced no closer than 2.5 diameters, center to center.

5. The project drawings should indicate the estimated pile tip elevations. The drawings should indicate that these tip elevations are approximate and variations may occur. However, if variations occur by more than 5 ft., the engineer should be notified immediately for evaluation.

6. The specifications should clearly state that obstructions might be encountered in the old fill, and the granular deposits.

7. The specifications should require that the total grout volume in each pile be at least 115 percent of the theoretical "neat" pile volume.

Installation

1. A steel reinforcing bar should be included per structural design requirements. We recommend that this bar be at least No. 8 bar or larger, centered within the pile. Other reinforcing within the upper section of the pile may also be required for structural considerations.

2. The piles shall not be installed within 6 pile diameters center-to-center of a pile filled with concrete less than 24 hours old.

3. A bottom discharge bit should be used (specified) in lieu of a side discharge bit. With this type of bit, centralizers should not be needed for placement of the center bar. The hole in the bottom of the bit should be closed while the auger is advanced. The plug should be removed by the rebar placement prior to grouting.

4. Close inspection by geotechnical personnel is necessary during pile installation to monitor plumbness, grouting procedures and to sample grout, monitor the auger withdrawal rate during grouting, placement of reinforcing, etc.

5. The pile capacity estimates are based on empirical calculations. Pile load tests may be performed to confirm loading capacities.

Structural Floor Slab

A structural floor slab fully supported on the grade beams on auger cast piles is recommended.

Subgrade Preparation – Pavement Areas

For support of the pavement areas, we recommend that the existing fill be partially undercut and replaced in accordance with recommendations provided in the following paragraphs. We recommend that the existing fill material within and 5 ft. beyond the pavement areas be undercut to a minimum specified depth below the rough subgrade level.

- The minimum undercut depth for the proposed pavement areas and rigid pavement areas is recommended to be 2.0 ft.

After the minimum undercut as recommended above is performed in these areas, proofrolling should be performed, if practical, with a pneumatic tired device, preferably a loaded tandem axle dump truck weighing at least 20-tons to detect any yielding areas which may require further removal. The surface across the bottom of the undercut should then be choked off with crushed aggregate and compacted with the largest practical compaction equipment. After this step, if possible the surface should be smoothed with a drum roller to establish a relatively rut-free subgrade.

After the above operation is completed, we recommend that a structural base be constructed. The construction of a structural pavement base would begin by placing a geosynthetic layer across the bottom of the entire undercut. The geosynthetic layer serves two primary purposes. First, this layer provides reinforcement at the base of the new structural fill. Secondly, the geosynthetic layer serves as a separator between the overlying structural fill and the underlying random fill. If an isolated area of subsidence were to occur within the underlying fill, the geosynthetic layer would help to resist loss of the structural fill materials down into a void.

We recommend using a single layer of heavy-duty woven geotextile to develop this geosynthetic barrier. We recommend that the geotextile have strength properties of an Amoco 2044, or equivalent. A number of manufactured products are locally available to meet this requirement.

The geosynthetic layer would be placed as continuous strips across the bottom of the undercut area. There should be a minimum 3 ft. wide overlap of adjoining strips of geotextile.

After placement of the geotextile, granular structural fill placement should take place up to about 12" above the geotextile. Care should be taken to work fill out over the geotextile gradually. Construction equipment should not be allowed to traffic directly on the geotextile. See manufacturer guidelines for additional details. We recommend using an ODOT 304 crushed aggregate for this structural fill. The existing fill (to be undercut) is not suitable for reuse as structural fill. The new granular structural fill should be placed in loose lifts of 6 to 8" and be compacted to at least 98% of maximum dry density, as determined by the Standard Proctor method (ASTM D 698). Each lift of granular fill should be compacted, tested by geotechnical personnel, and approved prior to placement of any subsequent lifts.

After placement of the 12" layer of ODOT 304 aggregate, we recommend that geogrid (Tensar BX 1200 or equal) be placed across the top of the aggregate layer. Prior to placement, the surface should be smoothed, if possible, with a smooth drum roller to establish a relatively rut-free subgrade. The strips of geogrid should be edge butted next to each other per the manufacturer recommendations.

After placement of the geogrid layer, construction of a structural base should continue by placing a 12" layer of compacted ODOT 304 crushed stone aggregate to pavement subgrade elevation as illustrated in Figure 3. A geogrid is not required over the final lift of ODOT 304 aggregate. Care should be taken while working base material over the geogrid as described before.

These layer of new structural aggregate should be placed in loose lifts of 6 to 8" and be compacted to at least 98% of maximum dry density, as determined by the Standard Proctor method (ASTM D 698). Each lift of granular fill should be compacted, tested by geotechnical personnel, and approved prior to placement of any subsequent lifts.

As an alternate to constructing this structural base, a cement-stabilized subgrade could be considered to establish a relatively uniform subbase layer to "bridge" over uncontrolled fill at the site. This might consist of cement stabilizing the uppermost 18 to 24 inches of the existing subgrade materials within pavement areas and then constructing a standard pavement section of aggregate base and asphalt. This process would require a specialty contractor and associated equipment. If you desire to further evaluate this option, we can provide contact information for soil stabilization contractors whom we have worked with in the past. As an addendum to our scope of work we can work with the contractor to provide consultation relative to the mix design and geotechnical design parameters associated with the stabilization process.

Please note that with either of these pavement subgrade preparation options, a significant thickness of the existing uncontrolled fill is left in place in an unimproved condition. Thus, long-term maintenance of pavement areas should be anticipated due to the unpredictable long-term settlement characteristics of the fill.

Underground Utilities

Construction of underground utilities at this site would be challenging, as it would involve excavations within the random fill and exposure of the uncontrolled random fill. The contractor should carefully plan this operation. We recommend that special connections to accommodate the pipe movement due to future settlement/subsidence within the random fill be considered.

Deep Dynamic Compaction Option

The second option that may be considered is ground improvement of the existing random fill at the site by using deep dynamic compaction equipment. In general, deep dynamic compaction consists of using a large crane to drop a heavy weight to compact foundation materials. The dynamic compaction will densify the underlying fill, allowing for the use of conventional shallow foundations, slab on grade floors and conventional pavement sections. This process will require importing structural fill for site grading

after the dynamic compaction process.

A specialty contractor specializing in deep dynamic compaction may be contacted for further evaluation of this option. Considering the subsurface conditions and other site constraints (e.g., site boundaries, nearby structures and utilities, etc.), the specialty contractor can provide design criteria for the dynamic compaction process, including the specifications for equipment, the pattern for the weight drops, number of drops, etc. If requested we can provide contact information for dynamic compaction contractors whom we have worked with in the past. As an addendum to our scope or work, we would be available to work with the contractor to assist in developing the required specifications for this option and provide further recommendations for design of shallow foundations, floor slabs and pavement areas after deep dynamic compaction is completed.

Close monitoring of the adjacent buildings and structures would be required during the dynamic compaction process, as vibration or densification of supporting foundation soils resulting from dynamic compaction operations at the subject site may lead to damage to structures on adjacent property. The contractor should be responsible for damage claims, accidents, injuries, or losses resulting from dynamic compaction process. This should be carefully considered and discussed with the specialty contractor. A pre-construction survey of the adjacent structures should be performed. Additonally, the dynamic compaction contractor should be required to monitor seismic response for construction within a distance of 300 ft. from the limits of the work area. In most cases, the peak particle velocity should be limited to 0.75 inch per second at the building closest to the work area to minimize building damage.

It should be noted that the area of dynamic compaction at the site could be significantly reduced by dynamically compacting only those areas that support building foundations and other critical structures. In this case, we recommend that the structural base or cement stabilized subgrade as described in the "Subgrade Preparation – Pavement Areas" Section above be constructed for pavement areas where dynamic compaction has not been performed.

Miscellaneous Considerations

Provisions should be made for collection and disposition of any gases (methane, etc.) that may escape from the underlying landfill, both during and after construction. This may include design and construction of gas/vapor collection system below the floor slabs of buildings.

Additionally, in order to minimize excavation activities at the site, consideration should be given to the use of above ground storage tanks for the fuel storage system.

Preliminary Recommendations for the Area North of the Subject 1.695-acre Site

Three borings (Borings B-9, B-10 and B-11) were performed north of the subject site to determine subsurface conditions in that area. These borings indicated subsurface conditions similar to those encountered in Borings B-1 through B-8, consisting of random uncontrolled fill at the top underlain by natural soils. The thickness of the random uncontrolled fill in Borings B-9 through B-11 varied from 7.5 to 12.5 ft. below the existing ground surface. Therefore, our preliminary analysis indicates that development of this site would also require special considerations with regards to foundation, floor slab and pavement construction. Recommendations for this site would be similar to the recommendations provided above for the subject 1.695-acre site.

CONSTRUCTION MONITORING AND TESTING

Construction testing and inspection by qualified geotechnical personnel should be performed to confirm design assumptions made in this report. Monitoring by geotechnical personnel should be performed during site preparation and grading activities, subgrade preparation for asphalt concrete pavement areas, engineered fill placement and compaction and foundation construction and for material testing.

The H. C. Nutting Company respectfully requests continued involvement in this project by providing testing and monitoring services throughout the construction phase. The scope of work and related fees for these services can be provided upon request.

LIMITATIONS OF LIABILITY

OUR WARRANTY

We warrant that the services performed by H. C. Nutting Company are conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE. While the services of H. C. Nutting Company are a valuable and integral part of the design and construction teams, we do not warrant, guarantee, or insure the quality or completeness of services provided by other members of those teams, the quality, completeness, or satisfactory performance of construction plans and specifications which we have not prepared, nor the ultimate performance of building site materials.

SUBSURFACE EXPLORATION

Subsurface exploration is normally accomplished by test borings; test pits are sometimes employed. The method of determining the boring location and the surface elevation at the boring is noted in the report. The information is represented on a drawing or on the boring log. The location and elevation of the boring should be considered accurate only to the degree inherent with the method used.

The boring log includes sampling information, description of the materials recovered, approximate depth of boundaries between soil and rock strata and groundwater data. The log represents conditions specifically at the location and time the boring was made. The boundaries between different soil strata are indicated at specific depths; however, these depths are in fact approximate and dependent upon the frequency of sampling. The transition between soil strata is often gradual. Water level readings are made at the times and under the conditions stated on the boring logs. Water levels change with time and season. The borehole does not always remain open sufficiently long for the measured water level to coincide with the groundwater table.

LABORATORY AND FIELD TESTS

Tests are performed in accordance with specific ASTM Standards unless otherwise indicated. All determinations included in a given ASTM Standard are not always required and performed. Each test report indicates the measurements and determinations actually made.

ANALYSIS AND RECOMMENDATIONS

The geotechnical report is prepared primarily to aid in the design of site work and structural foundations. Although the information in the report is expected to be sufficient for these purposes, it is not intended to determine the cost of construction or to stand alone as a construction specification.

Report recommendations are based primarily on data from test borings made at the test locations shown on a boring location drawing included. Soil variations may exist between borings and these variations may not become evident until construction. If significant variations are then noted, the geotechnical engineer should be contacted so that field conditions can be examined and recommendations revised if necessary.

The geotechnical report states our understanding as to the location, dimensions and structural features proposed for the site. Any significant changes in the nature, design, or location of the site improvements MUST be communicated to the geotechnical engineer so that the geotechnical analysis, conclusions, and recommendations can be appropriately adjusted.

The geotechnical engineer should be given the opportunity to review all drawings that have been prepared based on his recommendations.

CONSTRUCTION MONITORING

Construction monitoring is a vital element of complete geotechnical services. The field engineer/inspector is the owner's "representative" observing the work of the contractor, performing tests as required in the specifications, and reporting data developed from such tests and observations. THE FIELD ENGINEER OR INSPECTOR DOES NOT DIRECT THE CONTRACTOR'S CONSTRUCTION MEANS, METHODS, OPERATIONS OR PERSONNEL. He does not interfere with the relationship between the owner and the contractor and, except as an observer, does not become a substitute owner on site. He is responsible for his own safety but has no responsibility for the safety of other personnel at the site. He is an important member of a team whose responsibility is to watch and test the work being done and report to the owner whether that work is being carried out in general conformance with the plans and specifications.

APPENDIX

BORING TERMINOLOGY

SOIL CLASSIFICATION

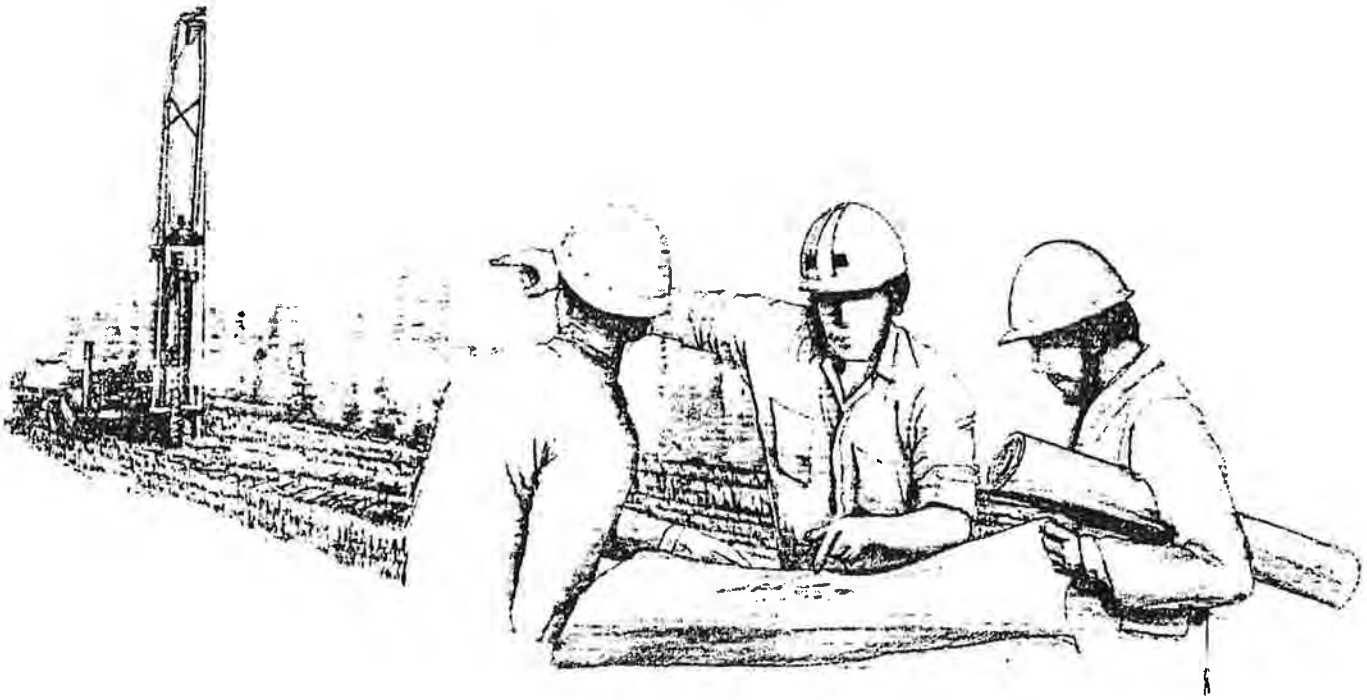
FIGURE 1: TEST BORING LOCATION PLAN

FIGURE 2: PAVEMENT AREA STRUCTURAL BASE

LOG OF TEST BORINGS

A description of terminology and symbols used in the logs of test borings, and a copy of ASTM D 2487-83, "Classification of Soils for Engineering Purposes", are included in the following two pages.

Readers of this report who wish an in-depth discussion on the basis for geotechnics, including procedures used in subsurface exploration, laboratory testing, and geotechnical analyses are referred to H. C. Nutting Geotechnical and Test Engineering Manual. Those readers not having a copy of this manual may obtain one at nominal cost by contacting H. C. Nutting Company at (614) 863-3113.



STANDARD PENETRATION TEST

THE PENETRATION RESISTANCE OR N-VALUE AS IT IS COMMONLY REFERRED TO IS THE SUMMATION OF THE NUMBER OF BLOWS REQUIRED TO DRIVE TWO SUCCESSIVE 6" PENETRATIONS OF THE 2" OD SPLIT BARREL SAMPLER. THE SAMPLER IS DRIVEN WITH A 140 LB. WEIGHT FALLING 30" AND IS SEATED TO A DEPTH OF 6" BEFORE COMMENCING THE STANDARD PENETRANON TEST.

THE STANDARD PENETRATION TEST IS PERFORMED IN COMPLIANCE WITH PROCEDURES AS SET FORTH IN ASTM D 1586.

TERMINOLOGY

GRAIN SIZE (PER ASTM D 2487)

SOIL FRACTION		PARTICLE SIZE	U.S. STANDARD SIEVE SIZE
BOULDERS		LARGER THAN 12" (300mm)	LARGER THAN 12"
COBBLES		3' (75 mm) TO 12' (300 mm)	3" TO 12"
GRAVEL:	COARSE	¾" (19 mm) TO 3' (75 mm)	¾" TO 3"
	FINE	4.75 mm TO 19mm	#4 TO ¾"
SAND:	COARSE	2.00 mm TO 4.75 mm	#10 TO #4
	MEDIUM	0.425 mm TO 2.00 mm	#40 TO #10
	FINE	0.075 mm TO 0.425 mm	#200 TO #40
FINES:	(SILTS & CLAYS)	SMALLER THAN 0.075 mm	SMALLER THAN #200

PLASTICITY CHARACTERISTICS DIFFERENTIATE BETWEEN SILTS AND CLAYS

RELATIVE DENSITY OF GRANULAR SOILS

TERM*	N VALUE
VERY LOOSE	0 – 4
LOOSE	5 – 10
MEDIUM DENSE	11 – 29
DENSE	30 – 50
VERY DENSE	OVER 50

*THESE ARE USUALLY BASED ON AN EXAMINATION OF SOIL SAMPLES, PENETRATION RESISTANCE AND SOIL DENSITY DATA.

RELATIVE PROPORTIONS OF COHESIONLESS SOILS

(PER ASTM D 2488)

PROPORTIONAL TERM	DEFINING RANGE BY PERCENTAGE OF WEIGHT
TRACE	<5%
FEW	5 TO 10%
LITTLE	15 TO 25%
SOME	30 TO 45%

FOR RELATIVE PERCENTAGE OF GRAVELS, SAND AND FINES.

CONSISTENCY OF COHESIVE SOILS

TERM	N VALUE	STRENGTH (Q_u, TSF)	IDENTIFICATION PROCEDURE
VERY SOFT	0 – 2	0 – 0.25	EASILY PENETRATED SEVERAL INCHES BY FIST.
SOFT	3 – 4	0.25 – 0.5	EASILY PENETRATED SEVERAL INCHES BY THUMB.
MEDIUM STIFF	5 – 8	0.5 – 1.0	PENETRATED SEVERAL INCHES BY THUMB WITH MODERATE EFFORT.
STIFF	9 – 15	1.0 – 2.0	READILY INDENTED BY THUMB, BUT PENETRATED ONLY WITH GREAT EFFORT.
VERY STIFF	16 – 30	2.0 – 4.0	READILY INDENTED BY THUMBNAIL
HARD	OVER 30	>4.0	INDENTED WITH DIFFICULTY BY THUMBNAIL.

RELATIVE PROPORTIONS OF COHESIONLESS SOILS

(PER ASTM D 2488)

DRY	ABSENCE OF MOISTURE, DUSTY, DRY TO THE TOUCH
MOIST	DAMP BUT NO VISIBLE WATER
WET	VISIBLE FREE WATER, USUALLY SOIL IS BELOW WATER TABLE

SYMBOLS

DRILLING AND SAMPLING

RC –	ROCK CORING: SIZE NW, NX = 2-1/8" diameter
RQD –	ROCK QUALITY DESIGNATION
FT –	FISH TAIL
DC –	DRIVE CASING
C –	CASING SIZE NW, 4", HW, 6"
CW –	CLEAR WATER
DM –	DRILLING MUD
HSA –	HOLLOW STEM AUGER
FA –	FLIGHT AUGER
HA –	HAND AUGER
COA –	CLEAN-OUT AUGER
SS –	2" DIAMETER SPLIT BARREL SAMPLE
ST –	3" DIAMETER THIN-WALLED TUBE SAMPLE
PT –	3" DIAMETER PISTON TUBE SAMPLE
AS –	AUGER SAMPLE
WS –	WASH SAMPLE
PTS –	PEAT SAMPLE
PS –	PITCHER SAMPLE
NR –	NO RECOVERY
S –	SOUNDING
PMT –	BOREHOLE PRESSUREMETER TEST
VS –	VANE SHEAR TEST
WPT –	WATER PRESSURE TEST
ATV –	ALL TERRAIN VEHICLE
R –	REFUSAL CONDITION

LABORATORY TESTS

PP –	PENETROMETER READING, TONS/SQ. FT.
QU –	UNCONFINED STRENGTH, TONS/SQ. FT.
W –	MOISTURE CONTENT, %
LL –	LIQUID LIMIT, %
PL –	PLASTIC LIMIT, %
SL –	SHRINKAGE LIMIT, %
LOI –	LOSS ON IGNITION, %
D –	DRY UNIT WEIGHT, LBS./CU. FT.
PH –	MEASURE OF SOIL ALKALINITY OR ACIDITY

WATER LEVER MEASUREMENT

NW –	NO WATER ENCOUNTERED
WD –	WHILE DRILLING
BCR–	BEFORE CASING REMOVAL
ACR –	AFTER CASING REMOVAL
CM –	CAVED AND MOIST
BF –	BACKFILLED UPON COMPLETION

NOTE: WATER LEVEL MEASUREMENTS SHOWN ON THE BORING LOGS REPRESENT CONDITIONS AT THE TIME INDICATED AND MAY NOT REFLECT STATIC LEVELS, ESPECIALLY IN COHESIVE SOILS

ASTM Designation: D 2487 – 83
(Based on Unified Soil Classification System)

			Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests [A]		Soil Classification	
					Group Symbol	Group Name [B]
Coarse-Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% coarse fraction retained on No. 4 sieve	Clean gravels Less than 5% fines [C]	$Cu \geq 4$ and $1 \leq Cc \leq 3$ [E]		GW	Well graded gravel [F]
			$Cu < 4$ and/or $1 > Cc > 3$ [E]		GP	Poorly graded gravel [F]
		Gravels with Fines More that 12% fines [C]	Fines classify as ML or MH		GM	Silty gravel [F,G,H]
			Fines classify as CL or CH		GC	Clayey gravel [F,G,H]
	Sands More than 50% coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines [D]	$Cu \geq 6$ and $1 \leq Cc \leq 3$ [E]		SW	Well graded sand [I]
			$Cu > 6$ and/or $1 < Cc < 3$ [E]		SP	Poorly graded sand [I]
		Sands with Fines More than 12% fines [D]	Fines classify as ML or MH		SM	Silty sand [G,H,I]
			Fines classify as CL or CH		SC	Clayey sand [G,H,I]
Fine-Grained Soils 50% or more passes the No. 200 sieve	Silts and Clays Liquid limit less that 50	inorganic	PI > 7 and plots on or above "A" line [J]		CL	Lean clay [K,L,M]
		organic	PI < 4 or plots below "A" line [J]		ML	Silt [K,L,M]
			Liquid limit – oven dried / Liquid limit – not dried	<0.75	OL	Organic clay [K,L,M,N] / Organic silt [K,L,M,O]
	Silts and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line		CH	Fat clay [K,L,M]
			PI plots below "A" line		MH	Elastic silt [K,L,M]
		organic	Liquid limit – oven dried / Liquid limit – not dried	<0.75	OH	Organic clay [K,L,M,P] / Organic silt [K,L,M,Q]
Highly organic soils		Primarily organic matter, dark in color, and organic odor.			PT	Peat

[A] Based on the material passing the 3-in. (75-mm) sieve.

[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

[C] Gravels with 5 to 12% fines require dual symbols:
GW-GM well-graded gravel with silt,
GW-GC well-graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay

[D] Sands with 5 to 12% fines require dual symbols:
SW-SM well-graded sand with silt
SW-SC well-graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay

[E] $Cu = D_{60} / D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 15% sand, add "with sand" to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add "with organic fines" to group name.

[I] If soil contains ≥ 15% gravel, add " with gravel" to group name.

[J] If Atterberg limits plot in hatched area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

[L] If soil contains ≥ 30% plus No. 200, predominantly sand, add "sandy" to the group name.

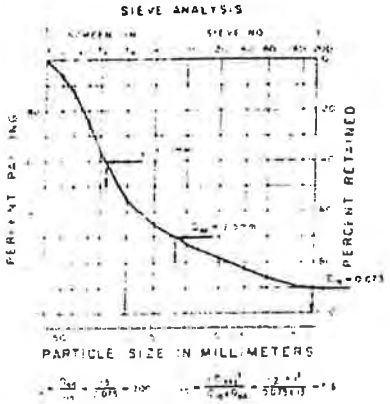
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to the group name.

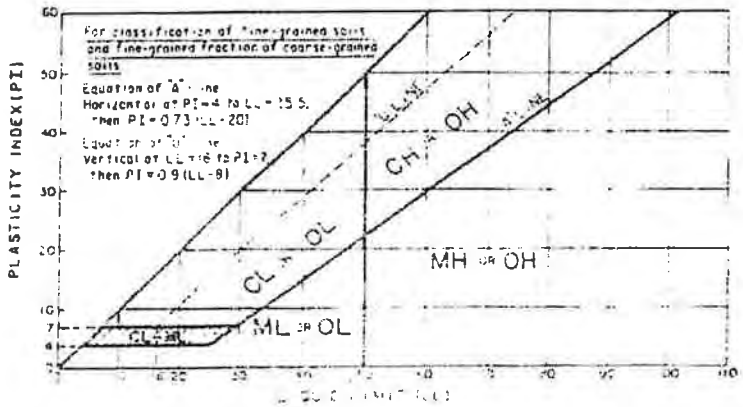
[N] PI ≥ 4 and plots on or above "A" line

[O] PI ≤ 4 or plots below "A" line

[P] PI plots on or above "A" line

[Q] PI plots below "A" line





LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-2
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/20/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/20/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (inches)	SOIL PROPERTIES W (%)	LL/PL	PP *
102.6	0.0									
		5.0' Dark brown lean clay with sand, few gravel, rock fragments, brick fragments, cinders, wood and roots, moist – medium stiff. (FILL)	1	SS	0.0-1.5	6-3-3	18			
			2	SS	2.5-4.0	6-3-4	18			
97.6	5.0									
		3.0' Dark brown silty clayey sand with cinders, roots, brick, rock fragments and wood, moist – loose. (FILL)	3	SS	5.0-6.5	1-1-0	8			
94.6	8.0									
		2.0' Dark brown sandy lean clay with brick, trace roots, moist – stiff. (FILL)	4	SS	7.5-9.0	2-5-5	12			
92.6	10.0									
		2.5' Yellowish brown, tan and black lean clay with sand, few gravel and rock fragments, trace organics, moist – stiff. (FILL)	5	SS	10.0-11.5	5-4-7	12			
90.1	12.5									
		8.5' Dark brown and some yellowish brown SILTY CLAYEY SAND with shale fragments, few gravel, moist to wet – medium dense.	6	SS	12.5-14.0	4-5-7	18			
			7	SS	15.0-16.5	8-11-12	18			
81.6	21.0									
		0.5' Dark gray SILTY CLAYEY GRAVEL with sand and rock fragments, wet – dense.	8	SS	20.0-21.5	8-12-21	18			
81.1	21.5									
		BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon
Remarks:	

H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	15.0	Ft.
At Completion:	14.0	Ft.
After 24 Hours:	BF	Ft.
Water Used in Drilling:	None	Ft.

Remarks: BF - Backfilled

(Measured from ground surface)

LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-3
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/8/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/8/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP *
102.2	0.0	2.5' Dark brown lean clay with sand, few glass fragments, cinders and rock fragments, moist – medium stiff. (FILL)	1	SS	0.0-1.5	2-3-4	18			
99.7	2.5	2.5' Dark brown and gray silty clayey sand with gravel, rock fragments, few cinders, brick fragments, grass, wood and roots, moist – loose. (FILL)	2	SS	2.5-4.0	3-5-5	18			
97.2	5.0	5.0' Dark brown fine silty sand with wood, rock fragments, cinders and gravel, moist – very loose. (FILL)	3	SS	5.0-6.5	1-1-1	18			
			4	SS	7.5-9.0	0-1-0	3			
92.2	10.0	2.5' Dark brown and yellowish brown lean clay with sand, gravel and rock fragments, trace topsoil and organics, moist – medium stiff. (FILL)	5	SS	10.0-11.5	3-4-5	18			
89.7	12.5	2.5' Yellowish brown CLAYEY GRAVEL with sand and rock fragments, wet – medium dense.	6	SS	12.5-14.0	5-5-10	18			
87.2	15.0	3.5' Brown CLAYEY GRAVEL with sand and rock fragments, wet – medium dense.	7	SS	15.0-16.5	10-11-12	18			
83.7	18.5	6.5' Dark gray SAND, trace gravel and silt, wet – loose.	8	SS	18.5-20.0	2-3-6	18			
77.2	25.0	11.5' Dark gray SAND with gravel, few rock fragments, trace silt, wet to very moist – medium dense to dense.	9	SS	25.0-26.5	5-6-5	18			
			10	SS	30.0-31.5	9-11-15	18			
			11	SS	35.0-36.5	11-15-21	18			
65.7	36.5	BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon
Remarks:	

H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	12.5	Ft.
At Completion:	15.0	Ft.
After 24 Hours:	BF	Ft.
Water Used in Drilling:	18.5	Ft.

Remarks: BF - Backfilled

(Measured from ground surface)

LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-7
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/21/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/21/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (Inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP*
101.5	0.0	2.5' Dark brown silty clayey sand with brick fragments, rock fragments, gravel, cinders, roots, moist – loose. (FILL)	1	SS	0.0-1.5	6-3-2	6			
99.0	2.5	5.0' Dark brown sandy lean clay with cinders, rock fragments, gravel, organics, moist – medium stiff. (FILL)	2	SS	2.5-4.0	3-3-3	18			
			3	SS	5.0-6.5	4-5-6	18			
94.0	7.5	6.0' Dark gray to black sandy silty clay with cinders, gravel, rock fragments, trace brick fragments, roots and organics, moist – soft. (FILL)	4	SS	7.5-9.0	1-2-2	18			
			5	SS	10.0-11.5	1-2-1	18			
			6	SS	12.5-14.0	1-1-1	18			
88.0	13.5	6.5' Dark gray silty clay with sand, few wood and organics, moist – soft. (FILL)	7	SS	15.0-16.5	1-2-2	4			
81.5	20.0	5.0' Dark gray SANDY SILTY CLAY with fine sand lenses, strong organic odor, moist – very soft.	8	SS	20.0-21.5	1-1-1	18			
76.5	25.0	5.0' Brown SILTY CLAYEY GRAVEL with sand and rock fragments, wet – dense.	9	SS	25.0-26.5	8-11-26	18			
71.5	30.0	6.5' Gray SANDY SILT, few gravel, noted organic odor, moist – medium dense.	10	SS	30.0-31.5	9-13-14	18			
			11	SS	35.0-36.5	7-13-18	18			
65.0	36.5	BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon

Remarks:

H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	25.0	Ft.
At Completion:	21.0	Ft.
After 24 Hours:	BF	Ft.
Water Used in Drilling:	None	Ft.

Remarks: BF - Backfilled

(Measured from ground surface)

LOG OF TEST BORING

CLIENT: City of Bexley
PROJECT: Public Service Facility at Mayfield Place
BORING LOCATION: As Shown on Boring Location Plan
ELEVATION REFERENCE: Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')

BORING NO.: B-8
DATE STARTED: 1/25/03
DATE COMPLETED: 1/25/03
WORK ORDER NO.: 61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP*
102.8	0.0	2.5' Dark brown lean clay with sand, few gravel, rock fragments, cinders, brick fragments, organics and roots, trace glass fragments, moist – medium stiff. (FILL)	1	SS	0.0-1.5	6-5-5	18			
100.3	2.5	5.0' Dark brown silty clayey sand, few roots and organics, gravel, rock fragments, brick fragments, cinders, trace glass, moist – very loose. (FILL)	2 3	SS SS	2.5-4.0 5.0-6.5	2-2-2 1-1-1	2 4			
95.3	7.5	5.0' Dark brown lean clay with sand, few gravel and rock fragments, trace brick fragments, moist – medium stiff. (FILL)	4 5	SS SS	7.5-9.0 10.0-11.5	1-11-3 3-8-7	12 18			
90.3	12.5	2.5' Yellowish brown and dark brown SILTY CLAYEY GRAVEL with sand, trace organics, moist – medium dense.	6	SS	12.5-14.0	5-7-8	12			
87.8	15.0	5.0' Brown and black SILTY CLAYEY SAND with gravel and shale fragments, wet – medium dense.	7	SS	15.0-16.5	3-7-9	18			
82.8	20.0	5.0' Dark brown SILTY CLAYEY SAND, few gravel, wet – very loose.	8	SS	20.0-21.5	2-2-2	18			
77.8	25.0	5.0' Dark brown and black fine to coarse SAND, trace gravel, trace silt, wet – loose.	9	SS	25.0-26.5	2-4-5	18			
72.8	30.0	10.0' Dark brown SILTY CLAYEY SAND, trace gravel, wet – medium dense.	10 11	SS SS	30.0-31.5 35.0-36.5	5-7-7 5-7-10	18 18			
62.8	40.0	1.5' Gray SILTY GRAVEL with rock fragments and sand, very moist – dense.	12	SS	40.0-41.5	12-21-24	18			
61.3	41.5	BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller: L. Wanstrath
Rig No.: D-120
Rig Type: ATV
Method: 3.25" HSA
Sampling: Split-Spoon

Remarks:

H. C. NUTTING COMPANY
GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	15.0	Ft.
At Completion:	13.0	Ft.
After 24 Hours:	10.5	Ft.
Water Used in Drilling:	15.0	Ft.

Remarks:

(Measured from ground surface)

LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-9
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/25/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/25/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (Inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP *
102.5	0.0									
		2.5' Dark brown sandy lean clay, few cinders, gravel and rock fragments, trace glass and organics, moist – medium stiff. (FILL)	1 2	SS SS	0.0-1.5 2.5-4.0	1-2-3 5-8-6	18 12			
97.5	5.0									
		2.5' Dark brown silty clayey sand with gravel and rock fragments, few cinders, trace glass and organics, moist – very loose. (FILL)	3	SS	5.0-6.5	3-3-1	6			
95.0	7.5									
		2.5' Dark brown sandy silty clay with wood, trace rock fragments, dry to moist – stiff. (FILL)	4	SS	7.5-9.0	3-7-6	18			
92.5	10.0									
		2.5' Yellowish brown and brown lean clay with sand, few shale fragments and gravel, trace brick fragments, moist – stiff. (FILL)	5	SS	10.0-11.5	6-5-5	18			
90.0	12.5									
		2.5 Yellowish brown and dark brown SILTY CLAYEY SAND with gravel and rock fragments, few shale fragments, moist – medium dense.	6	SS	12.5-14.0	9-10-8	18			
87.5	15.0									
		5.0' Dark brown SILTY CLAYEY GRAVEL with sand and rock fragments, wet – medium dense.	7	SS	15.0-16.5	13-12-15	18			
82.5	20.0									
		1.5' Dark gray fine SAND, trace silt, wet – medium dense.	8	SS	20.0-21.5	3-5-7	18			
81.0	21.5									
		BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon

Remarks:

H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-8642

WATER LEVEL OBSERVATIONS

Immediate:	15.0	Ft.
At Completion:	13.0	Ft.
After 24 Hours:	12.0	Ft.
Water Used in Drilling:	None	

Remarks:

(Measured from ground surface)

LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-10
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/25/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/25/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (Inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP *
102.2	0.0	1.0' Dark brown sandy lean clay, trace organics and gravel, moist – stiff (FILL).	1	SS	0.0-1.0	8-9	12			
101.2	1.0	7.5' Dark brown and black silty sand with asphalt, cinders, rock fragments, few brick fragments, trace glass, moist – medium dense to very loose. (FILL)	1A	SS	1.0-1.5	-9-	6			
			2	SS	2.5-4.0	3-2-1	12			
			3	SS	5.0-6.5	2-1-2	6			
			4	SS	7.5-8.5	1-1	12			
93.7	8.5	1.5' Dark brown lean clay, few sand, moist – very soft. (FILL)	4A	SS	8.5-9.0	-1-	6			
92.2	10.0	2.5' Yellowish brown CLAY, few black concretions, moist – stiff.	5	SS	10.0-11.5	3-5-6	18			2.75
89.7	12.5	5.0' Yellowish brown and black SILTY CLAYEY SAND with gravel and rock fragments, wet – loose.	6	SS	12.5-14.0	2-4-4	18			
87.2	15.0	5.0' Brown CLAYEY GRAVEL with rock fragments and sand, wet – very loose.	7	SS	15.0-16.5	2-2-2	18			
82.2	20.0	5.0' Brown and black SAND with gravel and rock fragments, wet – very loose.	8	SS	20.0-21.5	3-1-2	4			
77.2	25.0	1.5' Brown CLAYEY SAND with gravel and rock fragments, wet – medium dense.	9	SS	25.0-26.5	7-12-15	12			
75.7	26.5	BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon
Remarks:	

H. C. NUTTING COMPANY
GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	15.0	Ft.
At Completion:	11.5	Ft.
After 24 Hours:	10.0	Ft.
Water Used in Drilling:	None	

Remarks:

(Measured from ground surface)

LOG OF TEST BORING

CLIENT:	City of Bexley	**BORING NO.:**	B-11
PROJECT:	Public Service Facility at Mayfield Place	**DATE STARTED:**	1/25/03
BORING LOCATION:	As Shown on Boring Location Plan	**DATE COMPLETED:**	1/25/03
ELEVATION REFERENCE:	Steel Bolt Set in Pavement at CL Extreme North End of Mayfield Place (Assumed EL. 100')	**WORK ORDER NO.:**	61441.001

ELEV. (feet)	DEPTH (feet)	DESCRIPTION OF MATERIALS	SAMPLE NO.	SAMPLE TYPE	SAMPLE DEPTH (feet)	BLOW PER 6 INCHES	RECOVERY (Inches)	SOIL PROPERTIES W (%)	SOIL PROPERTIES LL/PL	SOIL PROPERTIES PP *
102.7	0.0									
		3.5' Dark brown silty clay, few sand, trace rock fragments, roots and topsoil, moist – medium stiff (FILL)	1	SS	0.0-1.0	3-3-4	18			
			2	SS	2.5-4.0	4-7-5	18			
99.2	3.5	4.0' Dark brown silty clayey sand with cinders, coal, rock fragments, few brick and glass fragments, trace wood and roots, moist – very loose. (FILL)	3	SS	5.0-6.5	1-1-1	6			
95.2	7.5	2.5' Dark brown SANDY SILTY CLAY, moist – stiff.	4	SS	7.5-9.0	3-4-5	18			
92.7	10.0	2.5' Brown SANDY LEAN CLAY, trace black concretions, moist – stiff.	5	SS	10.0-11.5	4-7-8	18			2.5
90.2	12.5	2.5' Tan and dark brown SILTY GRAVEL with rock fragments and sand, few shale fragments, moist – medium dense.	6	SS	12.5-14.0	6-7-8	18			
87.7	15.0	5.0' Dark brown CLAYEY SAND with gravel and rock fragments, wet – medium dense.	7	SS	15.0-16.5	12-5-9	12			
82.7	20.0	1.5' Yellowish brown CLAYEY GRAVEL with rock fragments and gravel, wet – dense.	8	SS	20.0-21.5	15-17-15	18			
81.2	21.5	BORING COMPLETED								

* Pocket Penetrometer Reading – Unconfined Compressive Strength, Tons/Sq. Ft.

GENERAL NOTES

Driller:	L. Wanstrath
Rig No.:	D-120
Rig Type:	ATV
Method:	3.25" HSA
Sampling:	Split-Spoon

Remarks:

H. C. NUTTING COMPANY

GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS SINCE 1921
GAHANNA COMMERCE CENTER 790 MORRISON ROAD COLUMBUS, OHIO 43230-6642

WATER LEVEL OBSERVATIONS

Immediate:	15.0	Ft.
At Completion:	15.0	Ft.
After 24 Hours:	13.0	Ft.
Water Used in Drilling:	None	

Remarks:

(Measured from ground surface)

REPORT OF

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PROPOSED SERVICE BUILDING SITE
MAYFIELD PLACE
BEXLEY, FRANKLIN COUNTY, OHIO

FOR

THE CITY OF BEXLEY

FEBRUARY 7, 2003

H. C. NUTTING COMPANY

H. C. NUTTING COMPANY
EMPLOYEE OWNED
GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS
SINCE 1921

CENTRAL OHIO REGION
GAHANNA COMMERCE CENTER
790 MORRISON ROAD
COLUMBUS, OHIO 43230-6642
(614) 863-3113
FAX: (614) 863-0475

February 7, 2003

W.O. # 61441.001 tps

Mr. Daniel Lorek
Development Director
The City of Bexley
2242 East Main Street
Bexley, OH 43209

Re: Report of Phase I Environmental Site Assessment
Proposed Service Building
Mayfield Place
Bexley, Franklin County, Ohio

Dear Mr. Lorek:

In accordance with our proposal dated January 6, 2003, and with authorization from Pickerington Local School District, H. C. Nutting Company (HCN) has completed a Phase I Environmental Site Assessment (ESA) at the above-referenced site in Pickerington, in Fairfield County, Ohio. This report provides a summary of the findings of the assessment.

We appreciate the opportunity to provide you with this service and look forward to working with you in the future. Should you have any questions or comments, regarding this assessment, please contact the writers at (614) 863-3113 and (513) 321-5816, extension 366, respectively.

Respectfully submitted,
H. C. NUTTING COMPANY

Timothy P Stevenson
Project Geologist

Terry E. Stransky, P.G.
Principal Geologist/Environmental
Group Leader

TABLE OF CONTENTS

ACRONYMS AND ABBREVIATIONS

AST	Aboveground storage tank
ESA	Environmental Site Assessment
HCN	H. C. Nutting Company
LUST	Leaking Underground Storage Tank (LUST)
PCB	Polychlorinated biphenyl
REC	Recognized Environmental Condition
UST	Underground storage tank

EXECUTIVE SUMMARY

As authorized by the City of Bexley, and in accordance with HCN's proposal dated January 6, 2003, HCN has completed a Phase I Environmental Site Assessment at the referenced site in general accordance with ASTM Method E 1527-00.

The site was an approximately 1.75-acre property, located north of the alley joining Mayfield Place and Ferndale Drive in the City of Bexley in Franklin County, Ohio. No site improvements were made to the property. The property was undeveloped at the time of this study.

Based on and limited to the scope of work performed, the following findings are pertinent:

1. Visible evidence of recognized environmental conditions (RECs) associated with the on-site presence of underground storage tanks (USTs), polychlorinated bi-phenols (PCB)-containing electrical equipment, hazardous substances or wastes, was not identified.

2. Based on aerial photographs, an interview with Ms. Prichard (Administrator for the City of Bexley), and observations made during the site reconnaissance, the site appeared to have been used as a landfill for an unknown number of years prior to 1950. However, based on information Ms. Prichard obtained, the landfill was for residential waste only. The age of the landfill suggests that the glass observed may be leaded and as such has the potential to leach lead into the subsurface.

3. Activities on adjacent properties were not observed to result in conditions that would be a REC with respect to the subject site.

4. Fourteen environmentally suspect sites were listed in the databases searched. However, none of the activities/releases at the sites were identified as presenting

a REC with respect to the subject site.

Based upon, and limited to the scope of work performed, one REC was identified at the subject site, the potential for a release at the site based on the prior use of the site as a landfill. It is HCN's opinion that soil samples collected during the geo-technical study be submitted to a laboratory for analysis of Resource Conservation and Recovery Act Metals.

REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED SERVICE BUILDING SITE
MAYFIELD PLACE
BEXLEY, FRANKLIN COUNTY, OHIO

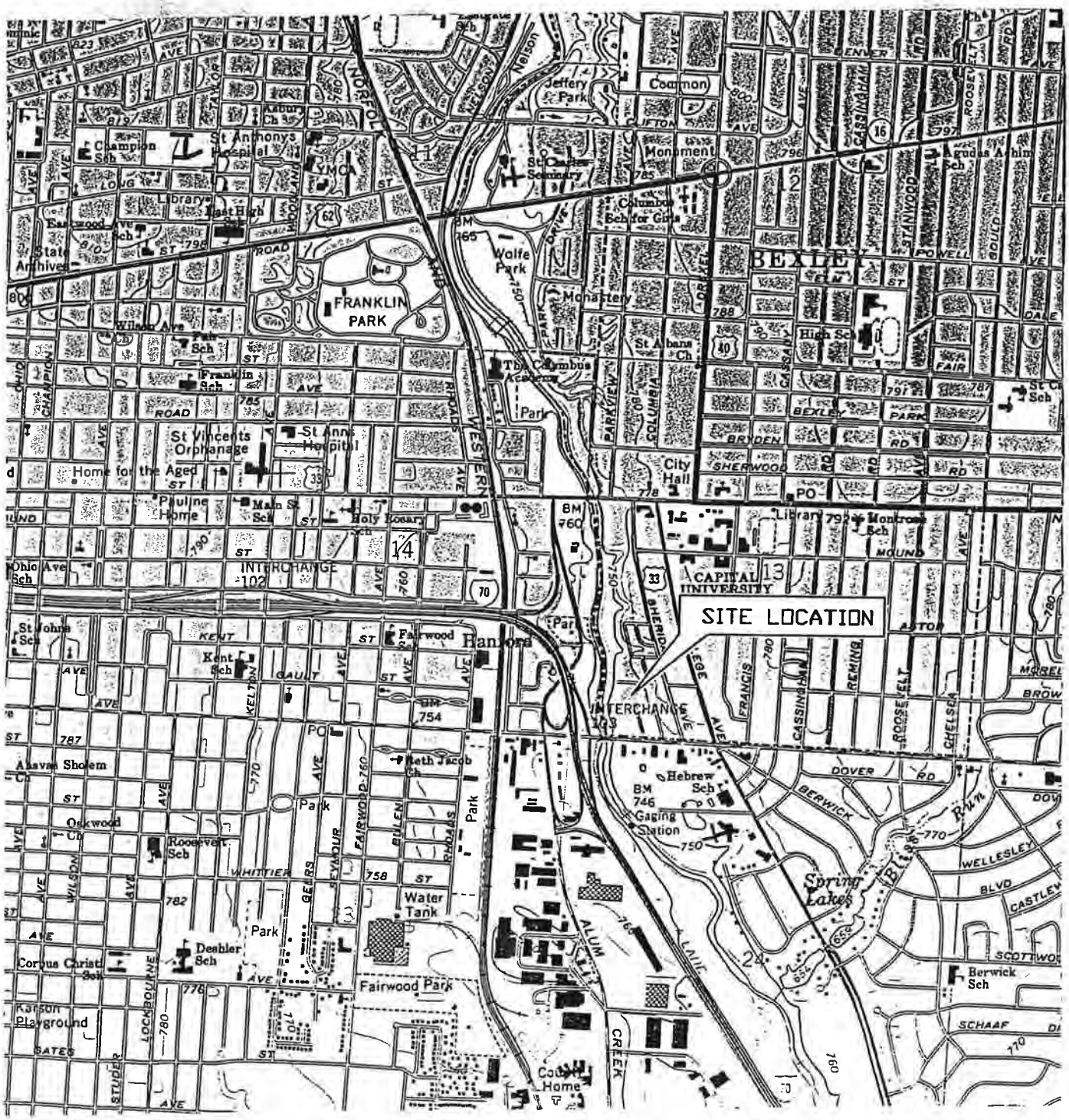
1.0 INTRODUCTION

As authorized by the City of Bexley, H. C. Nutting Company (HCN) performed a Phase I Environmental Site Assessment (ESA) at the above-referenced site. This assessment was performed in general accordance with ASTM Method E 1527-00, an industry standard practice for Phase I ESAs. The purpose of this Phase I ESA was to identify "recognized environmental conditions" (REC), as described by the ASTM standard, at the site posed by present or historical site use, or activities on adjacent properties. These are conditions that may indicate the presence or likely presence of hazardous substances or petroleum products in structures or on the property, under conditions which indicate a current release, past release or material threat of a release of such substances into the ground, groundwater or surface water of the property.

In general, the scope of work for the Phase I ESA included a study of the present and historical land use of the site and adjacent properties, a review of current publicly available regulatory records relevant to the environmental condition of the site and adjacent properties, a visual inspection of the site for evidence of recognized environmental conditions, and interviews with individuals having knowledge of the use of the site. Standard Procedures and Limitations of the assessment are included as Appendices 1 and 2, respectively.

2.0 BACKGROUND INFORMATION

The site was an approximately 1.75-acre property, located north of the alley joining Mayfield Place and Ferndale in Bexley, Franklin County, Ohio (Site Location Map, Figure 1). No site improvements were observed on the property.



H.C. NUTTING COMPANY
CENTRAL OHIO REGION – 790 MORRISON ROAD
COLUMBUS, OHIO 43230
(614) 863-3113
EMPLOYEE OWNED
GEOTECHNICAL, ENVIRONMENTAL AND TESTING ENGINEERS

SITE LOCATION MAP

FIGURE 1

THE CITY OF BEXLEY
PROPOSED SERVICE BUILDING SITE
MAYFIELD PLACE
BEXLEY, OH

SCALE: NTS | FEB 7 2003 | DWG NO: 61441.001
DWG ID NO. CCCCCCCC-XX

3.0 HISTORICAL INFORMATION REVIEW

Information on the history of the site was obtained from a review of available historical fire insurance maps, a review of available aerial photographs, interviews with individuals having knowledge of the use of the site, and a review of Chain-of-Title information.

3.1 Historical Fire Insurance Maps

A search of historical fire insurance maps for the years 1867-1994 indicated that none were available for the property location. Typically, such maps were not produced for areas of sparse population or limited development. A copy of the "No Coverage" letter is included in Appendix 3.

3.2 Aerial Photographs

HCN reviewed aerial photographs of the site from 1938, 1950, 1957, 1964, 1972, 1980, and 2000 aerial photographs, available at the Fairfield County Soil and Water Conservation District Office, to identify changes in land use of the site and surrounding areas. Copies of these photographs are included in Appendix 4.

In the 1938 aerial photograph, the subject site appeared to have some type of filling, earth-moving, or dumping activity on it. An east-west oriented roadway, located south of the subject site, and similar in size and location to that of present-day Livingston Avenue, was apparent in the aerial photograph.

In the 1950 aerial photograph, the earth moving/filling activities appeared to no longer be ongoing. The site appeared to be overgrown with vegetation. No other significant changes were observed.

In the 1957 aerial photograph, a "T" shaped building was present south of the subject site along the east-west oriented road similar to present day Livingston

Avenue. Additionally, significant tree growth is observed on the subject site.

In the 1964 aerial photograph, north-south oriented roads similar in shape and location to the present day Mayfield Place and Ferndale Drive are apparent. Additionally, several structures similar in shape and size to the present day apartment complex south of the site are apparent south of the subject site. No significant changes are observed to the subject site.

No significant changes were observed to the subject site or the adjacent properties in the 1972 aerial photograph. However, a roadway similar in shape and location to present day Interstate 70 was apparent west of the site.

No significant changes were observed in the 1980, 1989, or 2000 aerial photographs.

Visible evidence of the presence of ponds or lagoons, on site was not apparent in any of the photographs reviewed. However, evidence of filling or dumping was apparent in the 1938 aerial photograph.

3.3 Interviews

HCN interviewed Ms. Dorothy Prichard, an administrator for the City of Bexley, relative to her knowledge of the site history. Ms. Prichard indicated that she was aware that the property had been used as a landfill by the City of Bexley in the 1940s or 1950s. However, she was unaware of the type of landfill (municipal, industrial, etc.). Ms. Prichard was able to contact a long time resident of the area and confirm that the property was used as a landfill that accepted residential waste. Additionally, she learned that during excavation activities by employees of the City of Bexley for sewer and water lines along Mayfield Place that glass bottles were the dominant waste encountered in the excavations.

Ms. Prichard was not aware of the current or historical presence of hazardous substances or wastes, underground storage tanks (USTs), aboveground storage

tanks (ASTs), filling/dumping from unknown sources, or polychlorinated biphenyl (PCB) containing electrical equipment on the subject property.

3.4 Chain-of-Title Information

A Chain-of-Title document for the subject property was not made available to HCN at the time of this assessment and, therefore, was not reviewed as part of this report.

4.0 ENVIRONMENTAL RECORDS REVIEW

HCN contracted with Environmental Data Resources, Inc. to perform a records search of federal and state environmental databases to determine if the site or any of the adjacent sites were under investigation by federal or state environmental agencies, or if they were listed for other environmental concerns. The federal and state databases reviewed are included as Table I and the databases are included as Appendix 5.

The federal environmental databases reviewed included:

- National Priorities List (NPL)
- Proposed NPLs
- Comprehensive Environmental Response Compensation and Liability Information System
- Corrective Action Report (CORRACTS)
- Resource Conservation and Recovery Information System
- Emergency Response Notification System
- Delisted NPLs
- Superfund Consent Decrees
- PCB-Activity Database System
- Toxic Release Inventory
- Toxic Substance Control Act
- Federal Insecticide, Fungicide, and Rodenticied Act
- Section Seven Tracking System
- Civil Enforcement Docket
- Toxic Substances Control Act Inventory

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	4	4	NR	NR	8
UST		0.250	1	2	NR	NR	NR	3
VCP		0.500	0	0	0	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
OH Spills		TP	NR	NR	NR	NR	NR	0
DERR		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
VCP		0.500	0	0	0	NR	NR	0

The state environmental databases reviewed included:

- Ohio Master Sites List
- Solid Waste Facility Information List
- Leaking Underground Storage Tank Facilities
- Underground Storage Tank Facilities
- Voluntary Action Program
- Emergency Response Database
- Division of Emergency & Remedial Response's Database

Other databases reviewed included:

- Former Manufactured Gas (Coal Gas) Sites

A total of 14 environmentally suspect sites were identified in the environmental databases.

Two Resource Conservation and Recovery Act (RCRA)– Small Quantity Generators were identified in the databases. The first was BP Oil Co. located at 2080 E. Livingston Ave. No violations were identified in the databases. The site was also listed in the UST database. No releases were listed with respect to the USTs at the site. As such, any release resulting from activities at the site do not appear to present RECs with respect to the subject site. The second RCRA site was identified as the Starvin Marvin 5194 located at 2240 E. Livingston Ave. No violations were identified with respect to the RCRA listing for the site. However, the site was also listed on the UST and LUST databases under the name of Speedway SuperAmerica, LLC. This site is 600 ft. south of the subject site and is located in the likely hydro-geologically down-gradient position with respect to the subject site. As such, any release resulting from activities at this site do not appear to represent a REC with respect to the subject site.

There were three additional LUST sites listed in the databases between 1/8 and ¼ mile of the site. A former Sun Oil, located at 2182 E. Livingston Ave., was identified in the database. The site is located approximately 720 ft southeast of the subject site and it is unlikely given the distance from the subject site that petroleum impact

from this location will impact the subject site. As such, the confirmed release at this site does not present a REC with respect to the subject site.

Real Estate Investments, Inc. is also listed in the LUST database. However, the database identifies the site as having received a *No Further Action* letter with respect to the release, as such, the petroleum release at the site is not considered an REC with respect to the subject site.

Finally the Union 76 Station, located at 2253 E. Livingston Ave., is listed in the LUST database. The site is currently listed as having corrective action in progress. Additionally, the site is located over 1,000 ft. southeast of the subject site. Given its distance from the subject site, the release at this site is unlikely to present a REC with respect to the subject site.

There are four LUST sites listed in the database between ¼ and ½ mile. However, all four of these sites are located with Alum Creek between them and the subject site. Because Alum Creek is a hydro-geologic barrier, a release from any one of these sites is not likely to present a REC with respect to the subject site.

Finally, the Columbus City Dump, located at 1400 Alum Creek Dr., is listed in the State Hazardous Waste Site and Ohio EPA Department of Emergency Response and Remediation databases. However, this site is also on the opposite side of a hydro-geologic barrier (Alum Creek) and in a likely down-gradient location. As such, any releases at this site are not likely to present a REC with respect to the subject site.

5.0 SITE RECONNAISSANCE

A site reconnaissance was performed by Mr. Timothy P. Stevenson of HCN on January 21, 2003, to identify visible evidence of RECs on the site. The site reconnaissance consisted of a visual inspection of the site grounds and boundaries with adjacent properties. The site was an approximately 1.75-acre parcel at the time

of this assessment. The property consisted of mostly undeveloped property. The property drained west towards Alum Creek, which abutted the west property line. At the time of the site reconnaissance the ground was snow covered and ground staining or vegetable stress were unobservable.

The site appeared to be undeveloped at the time of the site reconnaissance. No soil staining or stressed vegetation was observed at the site. Additionally, visible evidence indicating RECs from ASTs, USTs, PCB-containing electrical equipment, waste storage or disposal, pits, ponds, or lagoons, was not observed on the site at the time of this reconnaissance. During the site reconnaissance, drilling activities were being completed at part of a geo-technical study of the site. The soil cuttings were observed to contain glass and metal fragments. This material suggests past dumping had occurred at the site.

The adjacent properties in all directions consisted predominantly of slightly wooded areas, or residential properties. Activities on the adjacent properties were not observed to extend onto the subject property and environmental impairment to the subject site from these adjacent properties was not apparent. Photographs of the subject site and adjacent properties are included as Appendix 6.

6.0 FINDINGS

Based on and limited to the scope of work performed, HCN found that:

- Visible evidence of recognized environmental conditions (RECs) associated with the on-site presence of underground storage tanks (USTs), polychlorinated bi-phenols (PCB)-containing electrical equipment, hazardous substances or wastes, was not identified.

- Based on aerial photographs, an interview with Ms. Prichard, and observations made during the site reconnaissance, the site appeared to have been used as a

landfill for an unknown number of years prior to 1950. However, based on information Ms. Prichard obtained, the landfill was for residential waste only. The age of the landfill suggests that the glass observed was leaded and as such is likely to leached lead into the subsurface.

- Activities on adjacent properties were not observed to result in conditions that would be a REC with respect to the subject site.

- Fourteen environmentally suspect sites were listed in the databases searched. However, none of the activities/releases at the sites were identified as presenting a REC with respect to the subject site.

7.0 CONCLUSIONS

Based upon, and limited to the scope of work performed, one REC was identified at the subject site, the past use of the site as a landfill. It is HCN's opinion that soil samples collected during the geo-technical study be submitted to a laboratory for analysis of Resource Conservation and Recovery Act Metals.

APPENDICES

APPENDIX 1 - PROCEDURES AND RESOURCES

APPENDIX 2 - LIMITATIONS

APPENDIX 3 - HISTORICAL FIRE INSURANCE MAP

"NO COVERAGE LETTER"

APPENDIX 4 - HISTORICAL AERIAL PHOTOGRAPHS

APPENDIX 5 - ENVIRONMENTAL DATABASE REPORT

APPENDIX 6 - SITE PHOTOGRAPHS

APPENDIX 1

PROCEDURES AND RESOURCES

APPENDIX 1

PROCEDURES AND RESOURCES

The information in this report was based on a review of available data concerning the history of the site; the known or suspected presence of hazardous materials as defined by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Resource Conservation and Recovery Act (RCRA); and the known or suspected presence of underground storage tanks (USTs) or petroleum contamination. Additional information was obtained from a site reconnaissance, which was conducted to discover any visible evidence of hazardous materials, USTs, or petroleum contamination.

Information on the history of the site was obtained from a review of aerial photographs available from the U.S. Department of Agriculture Soil Conservation Service, a review of Sanborn Fire Insurance maps, interviews with individuals having knowledge of historic site use, and/or a review of chain-of-title documents.

Various federal and state databases were reviewed to determine the known or suspected presence of hazardous materials at or near the site. Federal databases reviewed included the National Priorities List (NPL); the Resource Conservation and Recovery Information System-Treatment, Storage, and Disposal Facilities database (RCRA-TSD); the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLA); the PCB Activity Database System (PADS); Toxic Release Inventory (TRI); RCRA Generator (Large Quantity and Small Quantity); Section Seven Tracking System (SSTS); Toxic Substances Control Act Inventory (TSCA); and the Emergency Response Notification System (ERNS). State databases reviewed included the Ohio Master Sites List (MSL); the Ohio Solid Waste Facilities List (SWF); the Ohio Underground Storage Tank List (UST), and the Ohio Leaking Underground Storage Tank List (LUST).

APPENDIX 2

LIMITATIONS

APPENDIX 2

LIMITATIONS

A Phase I Environmental Site Assessment is not a comprehensive environmental examination of the property and does not include sampling or analytical testing. To prepare this report, HCN relied on the accuracy and completeness of information provided to HCN by different sources. HCN does not warrant the accuracy or completeness of such information or the opinions expressed by any person contacted by HCN in connection with this study. With the exception of those items herein, HCN does not express any opinion as to whether the property actually contains any hazardous materials, petroleum contamination, asbestos, radon, lead paint or other environmentally harmful substances or whether site activities comply with environmental laws. Any subsurface environmental impairment can only be detected through extensive sampling and analysis of soil and groundwater. This report has been prepared for and may be relied upon solely by the City of Bexley, and its agents. Use of, or reliance upon, this report by other parties is solely at the risk of those parties, and is prohibited without the expressed written consent of HCN.

APPENDIX 3

HISTORICAL FIRE INSURANCE MAP
"NO COVERAGE LETTER"

Environmental Data Resources, Inc.

"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Tim Stevenson
HC Nutting Company
790 Morrison Road
Columbus, OH 43230

6017571SXM 614-863-3113

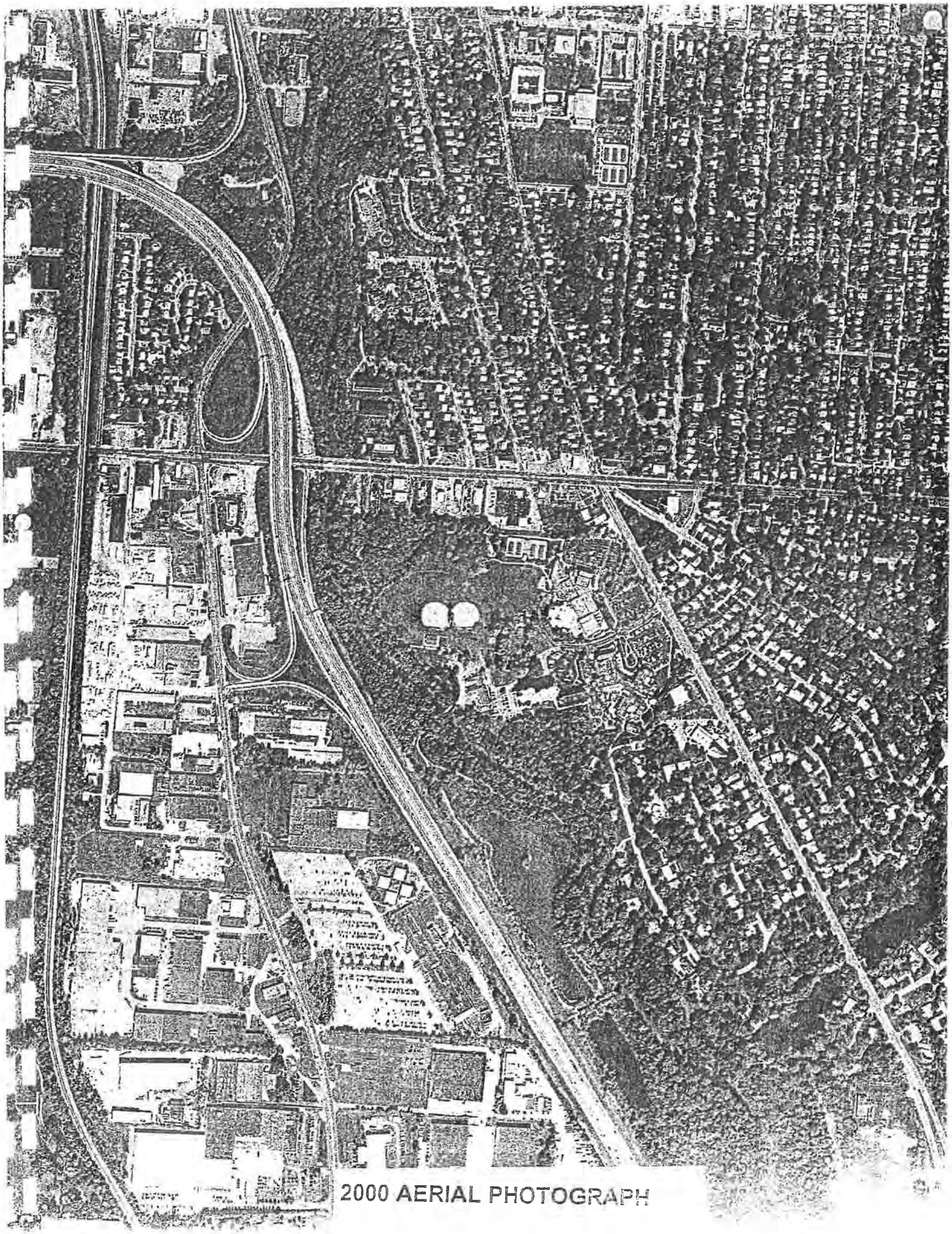
Order Date: 1/15/2003 **Completion Date:** 01/15/2003
Inquiry #: 911252.2S
P.O. #: NA
Site Name: Mayfield Place City of Bexley Svc. Bldg.
Address: Mayfield Place
City/State: Bexley, OH 43209
Cross Streets: US 33

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client-supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

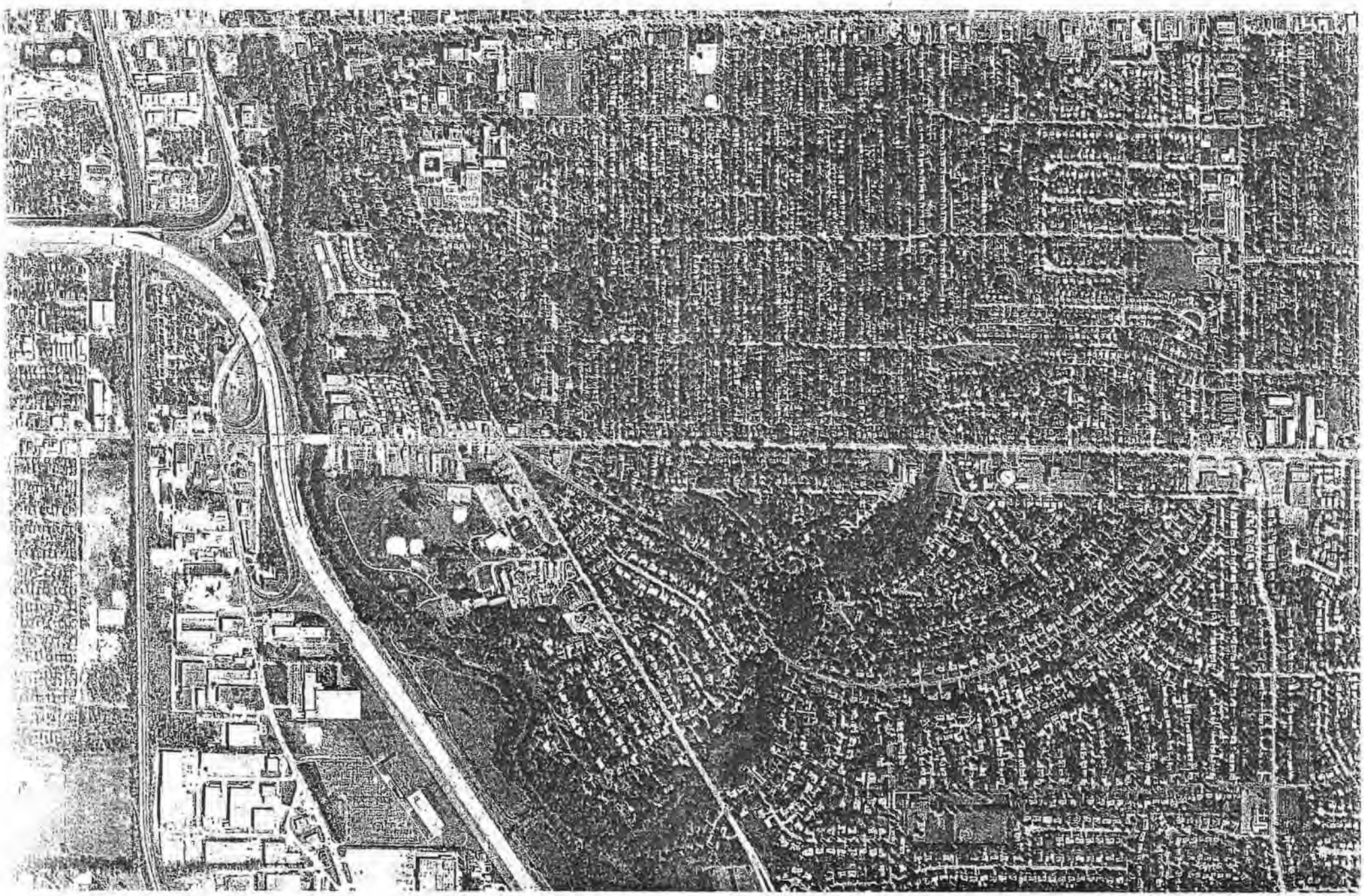
APPENDIX 4

HISTORICAL AERIAL PHOTOGRAPHS



2000 AERIAL PHOTOGRAPH

1989 AERIAL PHOTOGRAPH



1980 AERIAL PHOTOGRAPH

1972 AERIAL PHOTOGRAPH

APPENDIX 5

ENVIRONMENTAL DATABASE REPORT

The EDR Radius Map™ Report

Mayfield Place City of Bexley Svc. Bldg.
Mayfield Place
Bexley, OH 43209

Inquiry Number: 911252.1s

January 15, 2003

Environmental Data Resources, Inc.

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-SXM

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
SSW
< 1/8
596 ft.
Higher

THORNTON OIL CO. #68
2097 E LIVINGSTON
COLUMBUS, OH 43209

UST **U000696476**
N/A

UST:

Facility ID:	25001432	Tank ID:	T00001
Owner:	THORNTON OIL CO.		
Owner Address:	10101 LINN STATION RD - STE 200 LOUISVILLE, KY 40223		
Capacity:	12000	Tank Status:	Currently In Use
Install Date:	10/01/87		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25001432	Tank ID:	T00002
Owner:	THORNTON OIL CO.		
Owner Address:	10101 LINN STATION RD - STE 200 LOUISVILLE, KY 40223		
Capacity:	12000	Tank Status:	Currently In Use
Install Date:	10/01/87		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25001432	Tank ID:	T00003
Owner:	THORNTON OIL CO.		
Owner Address:	10101 LINN STATION RD - STE 200 LOUISVILLE, KY 40223		
Capacity:	12000	Tank Status:	Currently In Use
Install Date:	10/01/87		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25001432	Tank ID:	T00004
Owner:	THORNTON OIL CO.		
Owner Address:	10101 LINN STATION RD - STE 200 LOUISVILLE, KY 40223		
Capacity:	6000	Tank Status:	Currently In Use
Install Date:	10/01/87		
Content:	Kerosene		
Tank Type:	Fiberglass Reinforced Plastic		

A2
SW
1/8-1/4
702 ft.
Higher

BP OIL CO
2080 E LIVINGSTON AVE
COLUMBUS, OH 43209

Site 1 of 2 in cluster A

RCRIS-SQG **1004765046**
FINDS **OHD987012960**

BP OIL CO (Continued) **1004765046**

RCRIS:
Owner: BP OIL COMPANY
(614) 236-1374
EPA ID: OHD987012960
Contact: GEORGE PEYTON
(614) 840-1405
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Ohio Core database (OH_CORE)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A3 **BP OIL CO. #07881** **UST 1000560519**
SW **2080 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
702 ft.
Higher **Site 2 of 2 in cluster A**

UST:

Facility ID:	25001665	Tank ID:	T00001
Owner:	BP PRODUCTS N A INC/CO VEEDEROOT		
Owner Address:	12265 W BAYAUD, SUITE 300 LAKEWOOD, CO 80228		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/88		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25001665	Tank ID:	T00002
Owner:	BP PRODUCTS N A INC/CO VEEDEROOT		
Owner Address:	12265 W BAYAUD, SUITE 300 LAKEWOOD, CO 80228		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/88		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25001665	Tank ID:	T00003
Owner:	BP PRODUCTS N A INC/CO VEEDEROOT		
Owner Address:	12265 W BAYAUD, SUITE 300 LAKEWOOD, CO 80228		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/88		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		

B4 **FORMER SUN OIL** **LUST S104266333**
SE **2182 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
724 ft.
Higher **Site 1 of 2 in cluster B**

FORMER SUN OIL (Continued) **S104266333**

LUST:
Owner: FORMER SUN OIL
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
Release Number: 25010286-N00001
Owner Address: 2182 E LIVINGSTON AVE
COLUMBUS, OH 43209
FR Status: Site Assessment Completed
Old Facility Id: Not reported
Former Lust Release Number: 252070200
Release Date: 3/24/92 0:00

B5 **REAL ESTATE INVESTMENTS, INC.** **LUST S104776315**
SE **2187 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
740 ft.
Higher **Site 2 of 2 in cluster B**

LUST:
Owner: REAL ESTATE INVESTMENTS, INC.
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
Release Number: 25002517-N00001
Owner Address: 209 S HIGH ST
COLUMBUS, OH 43215
FR Status: No Further Action letter issued
Old Facility Id: 252517
Former Lust Release Number: 254143300
Release Date: Not reported

C6 **SPEEDWAY #5194** **LUST U000891486**
SE **2240 E LIVINGSTON** **UST N/A**
1/8-1/4 **BEXLEY, OH 43209**
1009 ft.
Higher **Site 1 of 3 in cluster C**

LUST:
Owner: BRIAN EPPERSON
Facility Status: Active
LTF Status: 6 Closure of regulated UST
Release Number: 25000606-N00001
Owner Address: PO BOX 1500
SPRINGFIELD, OH 45501
FR Status: Deficiency
Old Facility Id: 250606
Former Lust Release Number: 259015000
Release Date: Not reported

SPEEDWAY #5194 (Continued) **U000891486**

UST:

Facility ID:	25000606	Tank ID:	T00001
Owner:	SPEEDWAY\SUPERAMERICA LLC		
Owner Address:	PO BOX 1500 SPRINGFIELD, OH 45501		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/77		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25000606	Tank ID:	T00002
Owner:	SPEEDWAY\SUPERAMERICA LLC		
Owner Address:	PO BOX 1500 SPRINGFIELD, OH 45501		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/77		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25000606	Tank ID:	T00003
Owner:	SPEEDWAY\SUPERAMERICA LLC		
Owner Address:	PO BOX 1500 SPRINGFIELD, OH 45501		
Capacity:	10000	Tank Status:	Currently In Use
Install Date:	01/01/77		
Content:	Gasoline		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25000606	Tank ID:	T00004
Owner:	SPEEDWAY\SUPERAMERICA LLC		
Owner Address:	PO BOX 1500 SPRINGFIELD, OH 45501		
Capacity:	3767	Tank Status:	Currently In Use
Install Date:	06/25/98		
Content:	Kerosene		
Tank Type:	Fiberglass Reinforced Plastic		
Facility ID:	25000606	Tank ID:	T00005
Owner:	SPEEDWAY\SUPERAMERICA LLC		
Owner Address:	PO BOX 1500 SPRINGFIELD, OH 45501		
Capacity:	4000	Tank Status:	Currently In Use
Install Date:	06/25/98		
Content:	Diesel		
Tank Type:	Fiberglass Reinforced Plastic		

C7 **STARVIN MARVIN 5194** **RCRIS-SQG 1004764737**
SE **2240 E LIVINGSTON** **FINDS OHD987004314**
1/8-1/4 **BEXLEY, OH 43209**
1009 ft.
Higher **Site 2 of 3 in cluster C**

STARVIN MARVIN 5194 (Continued) **1004764737**

RCRIS:
Owner: SPEEDWAY/SUPERAMERICA
(937) 322-1873
EPA ID: OHD987004314
Contact: J MITCHELL OLIVER
(937) 322-1873
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Ohio Core database (OH_CORE)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C8 **76 SERVICE STATION** **LUST S104776151**
SE **2253 E LIVINGSTON AVE** **N/A**
1/8-1/4 **COLUMBUS, OH 43209**
1091 ft.
Higher **Site 3 of 3 in cluster C**

LUST:
Owner: P.D.V. MIDWEST REFINING,L.L.C
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
Release Number: 25000777-N00001
Owner Address: PO BOX 3758
TULSA, OK 74102
FR Status: Corrective Actions in Progress
Old Facility Id: 250777
Former Lust Release Number: 25901900
Release Date: Not reported

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9 **RICH OIL #3752** **LUST S104776100**
WSW **1001 ALUM CREEK DR** **N/A**
1/4-1/2 **COLUMBUS, OH 43209**
1344 ft.
Higher

LUST:
Owner: BRIAN EPPERSON
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
Release Number: 25000436-N00001
Owner Address: PO BOX 1500
SPRINGFIELD, OH 45501
FR Status: No Further Action letter issued
Old Facility Id: 250436
Former Lust Release Number: 259082100
Release Date: Not reported

10
WSW
1/4-1/2
1472 ft.
Higher

BP OIL CO. #07723
1971 E LIVINGSTON AVE
COLUMBUS, OH 43209

LUST **S104776236**
N/A

LUST:
Owner: Brenda
Facility Status: Active
LTF Status: 1 SUS/CON from regulated UST
Release Number: 25001454-N00001
Owner Address: 4850 EAST 49TH STREET
CUYAHOGA HTS, OH 44125
FR Status: Site Assessment Completed
Old Facility Id: 251454
Former Lust Release Number: 259119100
Release Date: Not reported

11
SSW
1/4-1/2
2195 ft.
Lower

PREFAB TRANSIT
1185 ALUM CREEK DR
COLUMBUS, OH 43217

LUST **S104266224**
N/A

LUST:
Owner: PREFAB TRANSIT
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
Release Number: 25010172-N00001
Owner Address: 1185 ALUM CREEK DR
COLUMBUS, OH 43217
FR Status: No Further Action letter issued
Old Facility Id: Not reported
Former Lust Release Number: 251054800
Release Date: Not reported

12
West
1/4-1/2
2440 ft.
Lower

1800 E LIVINGSTON AVE
COLUMBUS, OH 43205

LUST **S102646521**
OH Spills **N/A**

LUST:
Owner: CITY OF COLUMBUS
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
Release Number: 25000023-N00001
Owner Address: 240 PARSONS AVE
COLUMBUS, OH 43215
FR Status: No Further Action letter issued
Old Facility Id: 250023
Former Lust Release Number: 256019700
Release Date: Not reported

(Continued) **S102646521**

SPILLS:

Facility ID:	9212-25-5072		
Spill Date:	12/92	Date Reported	12/01/92 15:17
Spill Number:	9212-25-5072		
Size of Spill:	Small	Priority:	Respond When Possible or Convenient
Cause:	Leak	Reason:	Damaged equipment
Affected Area:	Land or land surface impact		
Material:	HYDRAULIC OIL		
Type:	Hydrocarbon ie: crude oil, natural gas, gasoline, waste oil		
Units:	gallons		
Affected Area:	Post-88 surface water		
Material:	Not reported		
Type:	Not reported		
Units:	Not reported		
Waterway Affctd:	Not reported		
Spill Source:	Transportation, Truck, Hopper		
Reportable Qnty:	Not reported		

Name of Company or person that had spill:
IGEL CONSTRUCTION
2040 ALUM CREEK RD
COLUMBUS, OH

Suspected Spiller: Not reported
Carrier: Not reported

13
SSW
1/2-1
3099 ft.
Lower

COLUMBUS CITY DUMP
1400 ALUM CREEK DR
COLUMBUS, OH 43207

SHWS 1000792329
DERR N/A

SHWS:

Facility ID:	125-0194
EPA ID:	OHD980509814
Lat/Long:	39 56 14 / 82 56 04
Facility Type:	None

DERR:

Facility Id:	125-0194
Lat/Long:	39 56 14 / 82 56 04
EPA ID:	OHD980509814
Voluntary Action Program:	False

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)

NO SITES FOUND

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/26/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 12/26/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/26/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/03
Date of Next Scheduled EDR Contact: 04/07/03

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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.

Date of Government Version: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/06/03
Date of Next Scheduled EDR Contact: 04/07/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03
Date of Next Scheduled EDR Contact: 03/31/03

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/20/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

STATE OF OHIO ASTM STANDARD RECORDS

SHWS: Master Sites List
Source: Ohio Environmental Protection Agency
Telephone: 614-644-2068
The Master Sites List is comprised of sites in Ohio where there is evidence of, or it is suspected that waste management has resulted in the contamination of air, water, or soil and there is a confirmed or potential threat to human health or the environment. Please be advised that this report does not constitute a determination that any site identified in the report is or may be contaminated. The Ohio EPA no longer maintains or publishes the MSL.

Date of Government Version: 03/01/99
Date Made Active at EDR: 04/21/99
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 03/29/99
Elapsed ASTM days: 23
Date of Last EDR Contact: 12/09/02

SWF/LF: Licensed Solid Waste Facilities
Source: Ohio Environmental Protection Agency
Telephone: 614-644-2621
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/23/02
Date Made Active at EDR: 12/13/02
Database Release Frequency: Annually
Date of Data Arrival at EDR: 11/13/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 11/13/02

LUST: Leaking Underground Storage Tank File
Source: Department of Commerce
Telephone: 614-752-7924
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/18/02
Date Made Active at EDR: 10/18/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/16/02
Elapsed ASTM days: 32
Date of Last EDR Contact: 12/16/02

UST: Underground Storage Tank Tank File
Source: Department of Commerce
Telephone: 614-752-7938
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/08/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 12/16/02
Elapsed ASTM days: 10
Date of Last EDR Contact: 12/16/02

VCP: Voluntary Action Program Sites
Source: Ohio EPA, Voluntary Action Program
Telephone: 614-644-2924
Site involved in the Voluntary Action Program.

Date of Government Version: 07/16/02
Date Made Active at EDR: 08/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/19/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 12/10/02

STATE OF OHIO ASTM SUPPLEMENTAL RECORDS

SPILLS: Emergency Response Database
Source: Ohio EPA
Telephone: 614-644-2084
All reported incidents, spills or releases to the environment.

Date of Government Version: 12/31/99
Database Release Frequency: Varies

Date of Last EDR Contact: 12/11/02
Date of Next Scheduled EDR Contact: 03/10/03

DERR: Division of Emergency & Remedial Response's Database
Source: Ohio EPA, Div. of Emergency Response
Telephone: 614-644-3538
Sites that may or may not have contamination.

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/16/02
Date of Next Scheduled EDR Contact: 03/17/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

STATE OF OHIO BROWNFIELDS DATABASES RECORDS

VCP: Voluntary Action Program Sites
Source: Ohio EPA, Voluntary Action Program
Telephone: 614-644-2924
Site involved in the Voluntary Action Program.

Date of Government Version: 07/16/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

APPENDIX 6

SITE PHOTOGRAPHS

Photograph 1: General view of property looking west

Photograph 2: View of apartment complex located south of property.

Photograph 3: View of adjacent property to the north of the property.

Photograph 4: View of Alum Creek to the west from the subject site.

Photograph 5: View of adjacent property to the east of the site.

Photograph 6: View of soil clippings from geo-technical boring containing glass and metal fragments.

Stone Environmental
Engineering & Science, Inc.

Phase I & II Environmental Site Assessment

Franklin County Parcels 020-000157 and 020-003693
Sheridan Avenue
Bexley, Ohio 43209

Prepared for:
City of Bexley
2242 East Main Street
Bexley, Ohio 43209

May 2007

748A Green Crest Drive, Westerville, Ohio 43081 * p 614.865.1874 * f 614.865.1879 * mail@stoneenvironmental.com

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APPENDICES

1 SUMMARY

Phase I and II Environmental Site Assessment (ESA) services were furnished to the City of Bexley, 2242 East Main Street, Bexley, Ohio 43209, for Franklin County Parcels 020-000157 and 020-003693 adjacent to Sheridan Avenue, Bexley, Ohio 43209.

Stone Environmental Engineering & Science, Inc. performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E1527-05 and U.S. EPA's All Appropriate Inquiry rule (AAI) of the property. A Phase II Environmental Site Assessment was performed in conformance with the scope and limitations of ASTM Standard E1903-97(2002). Any exceptions to or deletions from this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions[1] or historical recognized environmental conditions[2] in connection with the property, except for the following:

- A 1938 aerial photograph shows landfill activity adjoining to the south of the subject property. The landfill is believed to have been used to dispose of residential waste.
- All six soil samples exceeded the designated U.S. EPA Region 9 Preliminary Remediation Goal (U.S. EPA PRG) action level for arsenic and four of the samples exceeded the designated Ohio EPA Voluntary Action Program (Ohio VAP) clean-up level for residential use. Two soil samples exceeded the U.S. EPA PRG and Ohio VAP designated action levels for lead.
- One ground water sample collected from the uppermost saturated zone exceeded the U.S. EPA PRG and Ohio VAP designated action levels for Cadmium.

De minimis[3] conditions noted during the assessment include:

- Household trash and debris were observed on the southeast portion of the property.

[1] Recognized environmental conditions: presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property.

[2] Historical recognized environmental conditions: an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently.

[3] De minimis conditions generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. De minimis conditions are not recognized environmental conditions.

2 INTRODUCTION

2.1 Purpose

The purpose of this ESA is to assess approximately 1.406 acres of land located on Franklin County Parcels 020-000157 and 020-003693, known respectively as 0 and 835 Sheridan Avenue, Bexley, Ohio 43209, for the presence of environmental contamination with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this report is intended to permit the user to satisfy on the requirements to qualify for the innocent landowner defense the CERLCA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601 (35)(B). An evaluation of business environmental risk associated with the subject property may necessitate investigation beyond that identified within the Detailed Scope of Services.

2.2 Detailed Scope of Services

This ESA report was prepared in general conformance to ASTM Standard 1527-05 and AAI. Specifically, the following tasks were performed under Phase I and II and are documented in this report:

- Identify past and present uses of the property by reviewing available aerial photographs, Sanborn Insurance maps, site ownership records, interviewing owners or occupants, and;
- Identify environmental setting by reviewing available government records of local geology, soils information, and topographic information;
- Document the type of transformers on site (if any), and whether they contain polychlorinated biphenyls (PCBs) in the transformer oil;
- Identify past and present uses of adjoining land by using historical City Directories, Sanborn Insurance maps, and available aerial photographs;
- Review and report on state files for landfills, hazardous waste treatment, storage and disposal sites, National Priority List and Federal/state abandoned hazardous waste sites within one-mile of the subject properties;

- Review files for the presence of leaking underground storage tanks on the property and within ½-mile of the site and registered underground storage tanks on the property and within ¼-mile of the site;
- Identify hazardous waste generators on the property and adjoining the property;
- Visit and walk the site to observe site conditions, and observe immediately adjoining properties. Note the presence of discolored or stained soil, underground storage tanks, vent pipes, unusual mounds, debris, storm water runoff, wells, sumps, and grease traps. Document the site visit with photographs, and include representative photos in the ESA report;
- Interview persons familiar with the site and vicinity including current and past owners, local fire, water and sewer utility personnel;
- Review soil survey for soil types and list soil types on map;
- Install five soil borings and obtain two composite surface soil samples of stressed areas;
- Analyze soil and ground water samples for RCRA metals and volatile organic compounds (VOCs); and
- Prepare a written report of the findings including location and site maps. Evaluate the data obtained from the investigation and indicate the probability of the site containing recognized environmental conditions.

2.3 Significant Assumptions

This section is not applicable.

2.4 Limitations and Exceptions

Stone Environmental prepared this Phase I and II ESA report based on information obtained during a site visit, interviews, and information that is available as part of the public domain. There is always the possibility of environmental contamination that can only be detected through extensive sampling and analysis of the soil and ground water. By including public documents and the comments or opinions of others interviewed in this study, we do not warrant the accuracy of such information.

The information contained in this report is correct to the best of our knowledge. However, the report and its conclusions will not be considered as a guarantee of the property exemption from potential liability to present or future owners. The report represents an effort to collect reasonably ascertainable information about the property

and to determine the obvious presence or likely presence of recognized environmental conditions.

The methodology used to obtain the findings, observations and conclusions expressed in this report are limited by the procedures described by ASTM Standard: E1527-05 and AAI, and ASTM Standard 1903-97(2002). These practices do not address specific requirements of state, local, or federal laws other than the appropriate inquiry provisions of CERCLA's innocent landowner defense. Federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice.

2.5 Special Terms and Conditions

This section does not apply.

2.6 User Reliance

The City of Bexley, and its client, their parent company, affiliates, successors, and assigns (collectively, the "Relying Parties") are permitted to rely on this report. The Relying Parties may rely on this report subject to any limitations placed on the scope, nature and type of Stone Environmental's services as stated in this report. Pursuant to this report, the Relying Parties are the only third parties who have the right to rely upon this report. No other third party may rely on this report unless the express written consent of Stone Environmental is first obtained.

3 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property is located on approximately 1.406 acres of land located on Franklin County Parcels 020-000157 and 020-003693. The property is located adjacent to Sheridan Avenue in the southwestern portion of Bexley and the central portion of Franklin County. Bexley is located east of the City of Columbus. The location of the subject property is shown in Figure 1 and a parcel map is shown in Figure 2.

3.2 Site and Vicinity General Characteristics

The subject property is located in a developed area predominantly occupied by multi-family and single-family residential development. Surface drainage for the subject property flows west to a riparian corridor along the east bank of Alum Creek or permeates into the ground.

3.3 Current Use of the Property

The subject property currently consists of vacant wooded land.

3.4 Descriptions of Structures, Roads, and Other Improvements on the Site

There are no structures, roads, or other improvements on the site other than a platform tennis court located on the northeastern portion of the property.

3.5 Current Uses of the Adjoining Properties

The surrounding area is predominantly residential development. Bordering and vicinity properties include the following:

North: Vacant wooded land and an apartment complex;
East: Single-family residential development;
South: Vacant grassy and wooded land, apartment buildings and single-family residential development; and
West: A densely wooded riparian corridor and Alum Creek.

4 USER PROVIDED INFORMATION[4]

4.1 Title Records

Deed transfer records were reviewed on the Franklin County Auditor's Web site and the records are summarized in Section 5.4.

4.2 Environmental Liens or Activity and Use Limitations

The user provided no information regarding environmental liens or activity and use limitations.

4.3 Specialized Knowledge of the Subject Property

The client provided a Phase I ESA report and geotechnical assessment report of property adjoining to the south of the subject property. The client was aware that the area was formerly used as a landfill.

4.4 Valuation Reduction for Environmental Issues

The user provided no information regarding valuation reduction for environmental issues.

4.5 Owner, Property Manager, and Occupant Information

According to the Franklin County Auditor, Bvl Associates Ltd. is the current owner of the subject property.

4.6 Reason for Performing Phase I ESA

This Phase I ESA was performed in order to qualify for a landowner liability protection (LLP) to CERCLA liability.

4.7 Other Information

A Geotechnical Study from January 2003 and a Phase I ESA from February 2003 that were completed on 1.75-acres of land adjoining the subject property to the south were provided to Stone Environmental by the client. Both reports were completed by H.C. Nutting Company. Information from the reports is discussed in Section 5.2.

[4] ASTM Practice E1527-05 does not impose on the environmental professional performing this ESA the responsibility to conduct research to obtain information for this section; rather it is the responsibility of the user of this report to communicate such information to the environmental professional for inclusion in this report.

5 RECORDS REVIEW

5.1 Standard Environmental Records Sources

Standard ASTM E-1527-05 and AAI identify record information that shall be reviewed from standard sources that are reasonably ascertainable. Reasonably ascertainable information means that the information is publicly available, is obtainable from a source within reasonable time and cost constraints, and is practically reviewable. Alternative sources of information may be reviewed instead of standard sources if they are similar in detail and content and if the standard source is not reasonably ascertainable. Standard environmental record sources are reviewed for sites within ASTM radii guidelines set in ASTM E1527-05 and AAI. Standard environmental record sources include:

- Federal NPL site list
- Federal De-listed NPL site list
- Federal CERCLIS list
- Federal CERCLIS-NFRAP site list
- Federal RCRA CORRACTS facilities list
- Federal RCRA Non-CORRACTS TSD facilities list
- Federal RCRA generators list
- Federal ERNS list
- Federal institutional control/engineering control registries
- State- and tribal- equivalent NPL list
- State- and tribal- equivalent CERCLIS list
- State and tribal landfill and/or solid waste disposal site lists
- State and tribal leaking UST list
- State and tribal registered UST list
- State and trial institutional control/engineering control registries
- State and tribal voluntary cleanup sites
- State and tribal Brownfield sites

Review of federal databases concluded that there are no sites within the ASTM standard radii that are listed as an NPL, De-listed NPL, CERCLIS, CERCLIS-NFRAP, RCRA Generator, RCRA-CORRACTS, RCRA-TSD non-CORRACTS or ERNS sites, or site subject to institutional or engineering controls. Review of state and tribal databases concluded there are no sites within the ASTM standard radii that are listed as a NPL or CERLICS site, Municipal or Industrial Landfill or Solid Waste site, or site subject to institutional or engineering controls or undergoing voluntary cleanup. The subject property is not listed in any reviewed database. Documentation of the environmental records review is presented in Appendix A.

Eight leaking underground storage tank (LUST) sites were identified within a ½-mile radius of the subject property. The sites are summarized in Table 1.

TABLE 1
LUST SITES

SITE	ADDRESS	DISTANCE FROM SUBJECT PROPERTY	SITE STATUS
Bron Shoe Co.	1313 Alum Creek Drive	0.5 mile SSW	No details were available.
True North #613	1937 E. Livingston Ave	0.25 mile SW	A suspected release from a regulated UST was reported on 11/04/05. Benzene, total xylenes, and MTBE exceeded action levels for soil. Benzene and MTBE exceeded action levels for ground water. A Tier 1 investigation was underway as of 02/03/06.
Bexley Sunoco	2106 E. Main St	0.5 mile N	A suspected release from a regulated UST was reported on 07/26/99. Benzene exceeded action levels for ground water. Cleanup technology used included Oxygen Release Compound (ORC) injection. A No Further Action letter was issued on 05/06/03.
			A suspected release from a regulated UST was reported on 07/20/05. A release was confirmed as of 09/15/05. Benzene and toluene exceeded action levels for soil.
Livingston Exxon	2097 E. Livingston	0.125 mile S	A suspected release from a regulated UST was reported on 08/26/05. No soil or ground water contamination was reported. Corrective actions in progress as of 12/01/06.
Wexner Heritage House	1151 College Ave	0.5 mile SE	No details were available.
Muffler King, Inc.	2140 E. Livingston	0.125 mile S	No details were available.
Former Sun Oil	2182 E. Livingston	0.125 mile SSE	A suspected release from a regulated UST was reported on 03/24/92. Soil and ground water contamination was reported. A release was confirmed on 01/10/06.
Orphan Tank	Main Street and Park Avenue	0.5 mile N	No details were available.

One Brownfield site was identified within a ½-mile radius of the subject property. The site is summarized in Table 2.

TABLE 2
BROWNFIELD SITE

SITE	ADDRESS	DISTANCE FROM SUBJECT PROPERTY	SITE STATUS
Container Management Company	1826 E. Livingston Ave	0.5 mile SW	No additional information was available in the USEPA Brownfield database. However, this site was identified as having a cleanup profile in the Brownfield Cleanup Program database.

The sites identified in the environmental records review are unlikely to pose a concern for the subject property due to their distance from the subject property.

5.2 Additional Environmental Record Sources

Subsurface drilling activities associated with a Geotechnical Study performed by H.C. Nutting Company in January 2003 revealed glass and metal fragments present in the soil underlying property adjoining the subject property to the south. H.C. Nutting Company also completed a Phase I ESA in February 2003 on 1.75-acres of vacant land adjoining the subject property to the south. Their assessment revealed the presence of a residential landfill prior to the 1950s on the assessed property (adjoining to the south of the subject property). Due to its proximity to the subject property, past landfill activities may have affected the subject property. It is possible contaminants from the landfill leached to the ground water and migrated north to the subject property.

Stone Environmental contacted the Bexley City Health Department to inquire about recognized environmental conditions in association with the subject property. No response has been received as of the writing of this report.

5.3 Physical Setting Sources

The subject property is shown on the United States Geological Survey's topographic map of the Southeast Columbus, Ohio quadrangle at approximate coordinates of 39.9499 north latitude and 82.9408 west longitude. Topography at the site is gently rolling and peaks at approximately 750 feet above mean sea level. A topographic map is presented in Figure 3.

The United States Department of Agriculture, Natural Resource Conservation Service identifies three soil types on the subject property: Bennington-Urban land complex, 2 to 6 percent slopes (BfB); Cardington-urban land complex, 6 to 12 percent slopes (CbC); and Eel silt loam, occasionally flooded (Ee). A soil map is presented in Figure 4. Descriptions of the soils are presented below:

- Bennington-Urban land complex, 2 to 6 percent slopes (BfB) is a gently sloping, very deep, somewhat poorly drained soil. Typically, the surface layer is silt loam about 9 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is slow. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. This soil contains a maximum amount of 18% calcium carbonate. According to the USDA NRCS BfB is not classified as a hydric soil[5]. However, isolated inclusions of Pewamo series soils make up

[5] Hydric soils are one indication of the presence of wetlands.

approximately 5% of BfB soil within Franklin County, particularly within depressions. Pewamo is classified as a hydric soil. BfB soil underlies the eastern portion of the subject property.

- Cardington-urban land complex, 6 to 12 percent slopes (CbC) is a moderately sloping, very deep, moderately well drained soil. Typically, the surface layer is silt loam about 6 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is moderately slow. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 30 inches. The soil contains a maximum amount of 20% calcium carbonate. According to the USDA NRCS CbC soil is not classified as a hydric soil. However, isolated inclusions of Pewamo series soils make up approximately 5% of CbC soil within Franklin County, particularly within depressions. Pewamo is classified as a hydric soil. CbC soil underlies the center portion of the subject property.

- Eel silt loam, occasionally flooded (Ee) is a nearly level, very deep, moderately well drained soil. Typically, the surface layer is silt loam about 8 inches thick. The surface layer has a moderate content of organic matter. The slowest permeability is moderate. This soil is occasionally flooded and is not ponded. The top of the seasonal high water table is at 54 inches. The soil contains a maximum amount of 35% calcium carbonate. According to the USDA NRCS Ee soil is not classified as a hydric soil. However, isolated inclusions of Sloan series soils make up approximately 5% of Ee soil within Franklin County, particularly within depressions. Sloan is classified as a hydric soil. Ee soil underlies the western portion of the subject property.

5.4 Historical Use Information on the Property

The history of the subject property was determined through review of historical aerial photographs, deed transfer records, and historical topographic maps. Sanborn Fire Insurance Maps and city directories are not available for the subject property.

Aerial photographs were available from 1938, 1950, 1957, 1964, 1972, 1980 and 1989 from the Franklin County Soil and Water Conservation District office, and from 1994 and 2004 from Internet resources. The photographs are presented in Figures 5A – 5I. A description of the subject property as it appears in the photographs follows.

1938: The subject property appears to be primarily undeveloped grassy land. A large rectangular area is noticeable on the western portion of the site. Centrally located along the northern boundary of the site appears a second rectangular area. A few mature trees are scattered throughout the site. Other similar sites in the area appear to be used for agricultural purposes, but the exact purpose of the rectangular areas is unknown.

1950: The subject property appears to be grassy land. The eastern portion of the site appears to be divided into vertical rectangular areas. It is presumed the purpose of the divided areas was for a large garden or other agricultural purpose; however, the true purpose is unknown. The eastern and western perimeters of the property appear to be densely wooded. Note: at this time the subject property was owned by the residential occupants adjoining to the east.

1957: The subject property appears to be grassy land. The eastern portion of the site appears to be divided into horizontal rectangular areas, presumably for gardening or a similar purpose. The eastern and western perimeters of the property appear densely wooded. Note: at this time the subject property was owned by the residential occupants adjoining to the east.

1964: A rectangular structure and rectangular cleared area appear on the northern portion of the subject property. At this time, the subject property was owned by the residential occupants adjoining to the east. The remainder of the subject property appears to be grassy land with a few mature trees spread throughout. The eastern perimeter appears densely wooded and the western perimeter has been cleared to create a north-south pathway.

1972: The subject property appears virtually unchanged from the 1964 photograph. Note: at this time the subject property was owned by the residential occupants adjoining to the east.

1980: The subject property appears to be moderately wooded with mature trees. A moderately sized building and adjoining cleared rectangular area (possibly paved) appear on the western portion of the property. At this time the subject property is owned by Bexley Village, the owner of the apartment complex to the north of the subject property. The purpose of the building on the site is unknown, but likely serves the residents or administration of Bexley Village Apartments.

1989: The subject property appears moderately wooded. A tennis court appears on the northern portion of the site. A path or access road appears along the western perimeter of the subject property.

1994: The subject property appears virtually unchanged from the 1989 photograph.

2004: The subject property appears virtually unchanged from the 1989 photograph.

Deed transfer records, on file at the Franklin County Auditor's Office, were reviewed to determine past ownership of the subject property. A summary of the deed transfer review is presented in Table 3.

TABLE 3
DEED TRANSFER REVIEW

PARCEL # 020-000157		
DATE	**GRANTOR**	**GRANTEE**
06/24/93	Bexley Village Ltd	Bvl Associates Ltd
11/05/76	Columbus Savings & Loan Association	Bexley Village Ltd
03/22/76	The Sheridan Company	Columbus Savings & Loan Association
04/27/73	Moorehead, Zita	The Sheridan Company
08/03/71	Moorehead, Zita et al (3)	Moorehead, Zita
02/18/69	Moorehead, Byron C. & Zita	Moorehead, Zita et al (3)
10/07/49	Althaus, Lillian B. & Edith Dever	Moorehead, Byron C. & Zita
09/27/49	Frey, Hattie M	Althaus, Lillian B. & Edith Dever
03/31/49	Frey, Hattie M	Frey, Hattie M
11/16/33	Frey, Cornelius & Hattie M	Frey, Hattie M
12/04/22	Jones, Susan et al	Frey, Cornelius & Hattie M
08/26/21		Jones, Susan et al
PARCEL # 020-003693		
DATE	**GRANTOR**	**GRANTEE**
06/24/93	Bexley Village Ltd	Bvl Associates Ltd
11/05/76	Columbus Savings & Loan Association	Bexley Village Ltd
03/22/76	The Sheridan Company	Columbus Savings & Loan Association
04/27/73	Bigrigg, Wayne & Marilyn	The Sheridan Company
06/03/57	Dever, Edith	Bigrigg, Wayne & Marilyn
05/20/57	Althaus, George J	Dever, Edith
05/13/57	Althaus, George J & Lillian B	Althaus, George J
12/04/22		Althaus, George J & Lillian B

Two USGS 7.5 Minute topographic maps dated 1925 and 1943 were available from Internet resources. The 1925 map shows no development on the subject property or on adjoining property. The 1943 map shows no development on the subject property. The maps are presented in Figures 6A-6B.

Historical use information does not indicate evidence of historical recognized environmental conditions in connection with past uses of the subject property.

5.5 Historical Use Information on Adjoining Properties

The vicinity of the subject property consists of a mix of commercial and residential development. The history of adjoining properties was determined through a review of the same sources discussed in Section 5.4.

Aerial photographs of the subject property and adjoining properties are presented in Figures 5A – 5I. Adjoining properties as they appear in historical aerial photographs are described below:

1938: Adjoining the subject property to the north appears to be a densely wooded area and vacant grassy land used for agricultural purposes. Adjoining to the east appears single-family residential development. Adjoining to the south appears vacant grassy land. Further south appears a cleared area and bare soil, indicative of landfill activity. Adjoining to the west appears a grassy area and a densely wooded riparian corridor. Further west appears Alum Creek.

1950: Property adjoining to the north, east and west of the subject property appears virtually unchanged from the 1938 photograph, except that the vacant grassy land to the north appears to no longer be used for agricultural purposes. Adjoining the subject property to the south is vacant grassy land and a few mature trees. An unimproved access road or path appears to cut through the grassy land.

1957: Property adjoining to the east and west of the subject property appears virtually unchanged from the 1938 photograph, with the exception of further tree growth within the riparian corridor. Adjoining the subject property to the north appears a densely wooded area. Adjoining to the south appears vacant grassy land and a cleared area. The purpose of the cleared area is not apparent. Further south is a densely wooded area and commercial and residential development.

1964: Property adjoining to the east of the subject property appears virtually unchanged from the 1938 photograph. Adjoining the subject property to the north appears to be a large densely wooded area, vacant grassy land and two unimproved access roads or paths. Adjoining to the west appears an unimproved access road or path, a narrow wooded riparian corridor and Alum Creek. Adjoining to the south appears multi-family and single-family residential development. Further south appears commercial development.

1972: Property adjoining to the east of the subject property appears virtually unchanged from the 1938 photograph. Adjoining the subject property to the north appears vacant grassy land. Adjoining to the south appears vacant grassy land and a cleared area that appears to consist of bare soil. The cleared area is small and adjoins single-family residential development further south. Also further south is multi-family residential development. Property adjoining to the west is difficult to discern due to a mark on the photograph; however, Alum Creek and a narrow wooded riparian corridor are visible.

1980: Property adjoining to the east appears virtually unchanged from the 1938 photograph. Adjoining the subject property to the south appears grassy and wooded land. Further south appears multi-family and single-family residential development. Adjoining to the west appears a densely wooded riparian corridor and Alum Creek. Adjoining to the north appears a densely wooded area and multi-family residential development.

1989: Property adjoining to the east appears virtually unchanged from the 1938 photograph. Property adjoining to the south, north and west appears virtually unchanged from the 1980 photograph, with the exception of fewer mature trees.

1994: Property adjoining to the east appears virtually unchanged from the 1938 photograph. Property adjoining to the south, north and west appears virtually unchanged from the 1980 photograph, with the exception of fewer mature trees.

2004: Property adjoining to the east appears virtually unchanged from the 1938 photograph. Property adjoining to the south, north and west appears virtually unchanged from the 1980 photograph, with the exception of fewer mature trees.

Two USGS 7.5 Minute topographic maps dated 1925 and 1943 were available from Internet resources. The 1925 map shows no apparent development on adjoining properties. Alum Creek is located further west of the subject property. An unimproved road and some residential development appear further north of the subject property. Livingston Road is located further south of the subject property. The 1943 shows Alum Creek is located west of the subject property. North and east of the subject property are built-up areas. Livingston Road is located to the south of the subject property. The maps are presented in Figures 6A-6B.

Historical use information indicates evidence of historical recognized environmental conditions in connection with past uses of adjoining property. In a 1938 aerial photograph, property south of the subject property appears to have been used as a landfill. According to a Phase I ESA performed by H.C. Nutting in February 2003, the area was used as a residential landfill prior to 1950. This information was obtained from an interview conducted by H.C. Nutting with an Administrator for the City of Bexley. Also, subsurface geotechnical investigations in the area performed by H.C. Nutting revealed glass present in the soil. The glass is likely from the landfill activities and due to the presumed age of the glass, the glass may contain lead which has the potential to leach into the soil.

6 INFORMATION FROM SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Jon Zanders, of Stone Environmental, visited the subject property on April 17, 2007 and again on April 27, 2007 at approximately 10:00 AM. Weather conditions were slightly overcast and warm during both site visits. The Phase I and II investigations were conducted during the April 27, 2007 site visit. The property was observed for evidence of recognized environmental conditions. The site visits commenced by observing the site from the vacant lot south of the site then proceeding to walk the perimeter of the property to locate potential soil boring and temporary monitoring well locations. The site visit concluded by collecting ground water samples from the temporary monitoring wells, removing the wells, and backfilling the boreholes with soil cuttings and bentonite.

Limiting conditions during site reconnaissance included densely wooded areas and underbrush obscuring observations of the ground surface. In addition, during Phase II investigations, there was very little soil recovery in the soil cores from the 4 feet to 8 feet interval due to the presence of unnatural material. Photographs taken during site reconnaissance are presented in Appendix B.

6.2 General Site Setting

The subject property consists of undeveloped wooded land. A partially wooded lot borders the subject property to the north and a vacant grass lot borders to the south. A paved access road borders to the east. Unusual hydrogeologic conditions were not observed on the subject property during the various site visits.

6.3 Phase I Exterior Observations

The site was reviewed for the presence of solid waste piles, waste dumps, unusual mounding of soil or unnatural materials, oil stains, adjoining land use, discolored soil or pavement, unusual odors, sumps and drains, vent pipes, fill caps or any other indicators of recognized environmental conditions. Two areas of stressed vegetation were observed on the east and west sides of the property. These areas were considered areas of concern during the Phase II investigations. No other indicators of recognized environmental conditions were observed on the subject property.

The subject property consists of wooded and grassy land contained on two lots. According to the Franklin County Auditor, the land classification is Commercial Structure and Vacant Commercial Land. Both mature and young trees are located throughout both lots and densely concentrated throughout the central and eastern

portions. Remnants of an elevated wood tennis court are located on the eastern portion of the subject property. Remnants of a wood and chicken-wire fence were observed in the wooded portion on the east side of the site. This area was considered an area of concern during Phase II investigations. Household trash and debris was observed near the southeast corner of the subject property. An asphalt-paved private road traverses in a north-south direction along the western portion of the site and is used as a walking trail and emergency vehicle access.

Adjoining properties were observed from the subject property. Adjoining to the north is a partially wooded lot, across from which is a parking lot for multi-family condominiums. Adjoining to the east are single-family residences. Adjoining to the south is a vacant wooded lot owned by the City of Bexley. Adjoining to the west is a landscaped area used for recreation along the east bank of Alum Creek.

6.4 Phase II Exterior Observations

On April 27, 2007, Jon Zanders of Stone Environmental conducted soil and ground water sampling activities in locations determined to be void of underground utilities but that were accessible by the truck-mounted drill rig. A detailed site map showing boring locations is presented in Figure 7.

A truck-mounted GeoProbe® unit was used to install five soil borings using the direct-push method. Macro-core sampling tubes, each four feet long, two and a half inches in diameter and fitted with a polyethylene liner, were pushed to a depth of approximately 16 feet below ground surface (bgs) at each location with the exception of borings B2 and B5. Boring B2 was installed to 24 feet bgs and boring B5 was installed to 12 feet bgs. The liner containing each soil sample was extracted from its tube and split in order to be physically examined. Soil samples were collected from discrete intervals and placed in zip-lock plastic bags for subsequent headspace screening. Duplicates of selected samples were placed in laboratory supplied glass jars, labeled, and placed in a cooler with ice for possible laboratory analyses. Field boring logs were prepared, and texture and odor of the soil samples were noted on the logs. The boring logs are presented in Appendix C.

Each soil sample was physically examined for odor, discoloration and unnatural characteristics. The sample split into the ziplock™ bag was placed in direct sunlight and allowed to equilibrate for approximately 30-minutes. The sample was then field-screened using a calibrated photoionization detector (PID) to detect the presence of volatile organic compounds (VOCs). Field-screen readings did not indicate the presence of VOCs in the soil. Documentation of the PID calibration is included in Appendix D.

Soils from each boring remained consistent throughout the property with topsoil and silty sand and clay to approximately 2 feet bgs, unnatural materials including glass, cinders, organic matter from decay, and brick to approximately 8 feet bgs, and silt clay and clay to gray mottled clay to approximately 24 feet bgs (boring B2). Ground water was encountered at approximately 12 feet bgs and 18.5 feet bgs on the western portion of the subject property. Borings B1 and B2 were converted to temporary 1-inch diameter monitoring wells. Boring B1 (MW-1) was set at 15 feet bgs with 5 feet of screened casing to 10 feet bgs to capture the uppermost aquifer. Boring B2 (MW-2) was set at 22 feet bgs with 5 feet of screened casing to 17 feet bgs to capture the lower aquifer at the depth of Alum Creek.

No visual or physical evidence of soil or ground water contamination was encountered in any of the five soil borings. Soil samples for laboratory analysis were chosen based on the location, physical description, and risk-based assessment (exposure). The selected samples were analyzed for heavy metals and volatile organic compounds. Analytical results are summarized in Sections 8 and 10 and the laboratory report is included in Appendix E.

Two areas of stressed vegetation were observed and targeted as an area of concern. Composite samples C6 and C7 were collected from these areas by using a clean, dedicated stainless steel trowel and bowl. Samples C6 and C7 were analyzed for heavy metals and volatile organic compounds. Analytical results are summarized in Sections 8 and 10.

6.5 Interior Observations

There are no structures located on the subject property.

7 INTERVIEWS

7.1 Interview with Owner

The owner was not interviewed as part of this assessment.

7.2 Interview with Site Manager

This section is not applicable.

7.3 Interview with Occupants

This section is not applicable.

7.4 Interview with Local Government Officials

Stone Environmental contacted the Bexley City Health Department to inquire about recognized environmental conditions in association with the subject property. No response has been received as of the writing of this report.

7.5 Interview with Others

Mr. Bruce Langner the City of Bexley Development Director was interviewed during the first site visit conducted on April 7, 2007. According to Mr. Langner, the subject property was either part of or adjacent to a former "residential" landfill which accepted waste sometime before the 1950s. In addition, the vacant lot adjoining the south of the subject property is currently owned by the City of Bexley and past investigations have shown that unnatural materials are contained within the subsurface of that lot.

8 FINDINGS

Phase I and II Environmental Site Assessment (ESA) services were furnished to City of Bexley, 2242 East Main Street, Bexley, Ohio 43209, for Franklin County Parcels 020-000157 and 020-003693 adjacent to Sheridan Avenue, Bexley, Ohio 43209. This assessment has revealed no evidence of recognized environmental conditions or historical recognized environmental conditions in connection with the subject property, except for the following:

- A 1938 aerial photograph shows landfill activity adjoining to the south of the subject property. According to a Phase I ESA performed by H.C. Nutting in February 2003, the area near the southern boundary of the subject property was used as a residential landfill prior to 1950. Also, subsurface geotechnical investigations in the area performed by H.C. Nutting revealed glass present in the soil. The glass is likely from the landfill activities and due to the presumed age of the glass, the glass may contain lead which has the potential to leach into the soil.

- Phase II investigations indicate the subject property is part of former landfill.

- Two areas of stressed grass cover were observed on the eastern and western portion of the subject property, respectively. Surface soil samples were collected from each area (samples C 6 and C 7) and subsequently analyzed for metals and VOCs.

- Analytical results reveal six soil samples exceeded the designated U.S. EPA PRG action level for arsenic, of which four exceeded the Ohio VAP clean-up level for residential use. Two soil samples exceeded the U.S. EPA PRG and Ohio VAP designated action levels for lead. No concentrations of VOCs were reported above detection limits in any of the soil samples. The results are summarized on Table 4 on the following page.

- Analytical results reveal the ground water sample collected from the uppermost saturated zone exceeds the U.S. EPA PRG and Ohio VAP designated action levels for cadmium. No concentrations of VOCs were reported above detection limits in either of the two ground water samples submitted for laboratory analysis. The results are summarized on Table 4 on the following page.

Table 4
Analytical Results

Metals Results
EPA Methods 6010B, 7470B - Solid
EPA Methods 200.7, 245.1 - Water

	Detection Limit		Action Levels				Sample ID							
			US EPA Region 9 PRGs		Ohio VAP - Residential		Soil (mg/Kg)						Ground Water (µg/L)	
	soil (mg/kg)	water (µg/L)	soil (mg/kg)	water (µg/L)	soil (mg/kg)	water (µg/L)	B1 4"-6"	B3 4'-8'	B4 4'	B5 0-4"	C6	C7	MW-1	MW-2
Arsenic	1.2	40	0.39	0.045	6.8	50	**6.75**	**5.3**	**16.89**	**11.37**	**8.23**	**7.09**	<40	<40
Barium	0.3	10	5400	2600	5400	2000	73.67	484.5	369.9	143.8	108	217.2	248	124
Cadmium	0.3	5	37	18	35	5	0.44	2.88	0.86	1.68	0.94	1.48	**1769**	<5
Chromium	0.3	10	210	110 (Cr(VI))	230 (Cr(VI))	100	9.85	28.33	16.88	11.32	12.98	18.66	<10	<10
Copper	0.3	10	3100	1500	N/A	N/A	23.95	126.5	113.7	92.42	32.7	229.6	<10	<10
Lead	1	30	400	15	400	15	44.06	**703.4**	**581.7**	371.5	169.9	**680.9**	<30	<30
Mercury	0.1	0.2	6.1	11	7.8	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2
Nickel	0.3	10	1600	730	1500	100	14.5	31.72	23.08	13.43	18.7	16.25	<10	38
Selenium	1.5	50	390	180	390	50	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<50	<50
Silver	0.3	10	390	180	390	78	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<10	<10
Zinc	0.3	10	23000	11000	23000	4700	84.06	588.7	441.8	270.9	150.4	504.3	1980	102

All samples collected 4/27/2007
analytical results above Action Level

9 OPINION

This Phase I ESA was performed in accordance with ASTM Practice E1527-05 and AAI and under the direction of Mr. Henry R. Stonerook, P.E., of Stone Environmental, an environmental professional as defined in ASTM Practice E1527-05 and AAI. According to the professional opinion of Mr. Stonerook, the site has recognized environmental conditions associated with it. Analytical results from on-site sampling reveal heavy metal contamination in excess of published action levels.

10 CONCLUSIONS

Stone Environmental Engineering & Science, Inc. has performed a Phase I and II Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 and AAI of Franklin County Parcels 610-241145 and 610-241146, the property. There were no exceptions to, or deletions from, this practice. This assessment has revealed no evidence of recognized environmental conditions or historical recognized environmental conditions in connection with the property, except for the following:

- A 1938 aerial photograph shows landfill activity adjoining to the south of the subject property. The landfill is believed to have been used to dispose of residential waste.

- Areas throughout the subject property contain soil that consist of concentrations of arsenic and lead above U.S. EPA PRG and Ohio VAP designated action levels.

- The ground water sampled from the uppermost saturated zone exceeds the U.S. EPA PRG and Ohio VAP designated action levels for cadmium.

11 DEVIATIONS

There were no deletions and/or deviations from ASTM Practice E1527-05 or AAI or ASTM Standard 1903-97(2002).

12 ADDITIONAL SERVICES

There were no additional services performed as part of this Phase I and II ESA.

13 REFERENCES

The following are published sources that were used to complete this Phase I and II ESA report:

- Franklin County Auditor
  - http://www.co.franklin.oh.us/auditor/
- Franklin County Soil Survey – USDA NRCS
  - http://websoilsurvey.nrcs.usda.gov/app/
- TopoZone
  - http://www.topozone.com/
- Mapquest
  - http://www.mapquest.com/
- TerraServer
  - http://terraserver.microsoft.com/
- Maptech
  - http://historical.maptech.com/
- The Right-to-Know Network
  - http://www.rtk.net/
- EPA Envirofacts
  - http://www.epa.gov/enviro/
- Ohio EPA Facility Lists
  - http://www.epa.state.oh.us/dsiwm/pages/general.html
- Ohio Bureau of Underground Storage Tank Regulations
  - https://www.com.state.oh.us/sfm/bustr/PublicInquiry.asp
- Sanborn Fire Insurance Maps
  - http://ohiodmc.ohiolink.edu.proxy.oplin.org/Sanborn/NewLogin
- Franklin County Soil and Water Conservation District
  - Aerial photographs

14 QUALIFICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

Stone Environmental provides consulting services to industry and commercial entities throughout the United States. The company has conducted numerous Phase I and Phase II ESAs since 1989. This Phase I ESA was performed under the direction of Mr. Henry R. Stonerook, P.E., DEE. Mr. Stonerook, President of Stone Environmental, is a registered professional engineer in Ohio (42181) and four other states, and a Diplomat of the American Academy of Environmental Engineers (No. 88-10020).

Mr. Stonerook has more than 30 years of diversified engineering experience, including more than 15 years of industrial/environmental engineering consulting. He has completed a variety of Phase I and II Environmental Site Assessments in Ohio and several other states, including redevelopment projects, and industrial and commercial property. Many of these assessments included detailed Phase II investigations and the development of cost opinions for remediation.

I, Henry Stonerook, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. In addition, I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

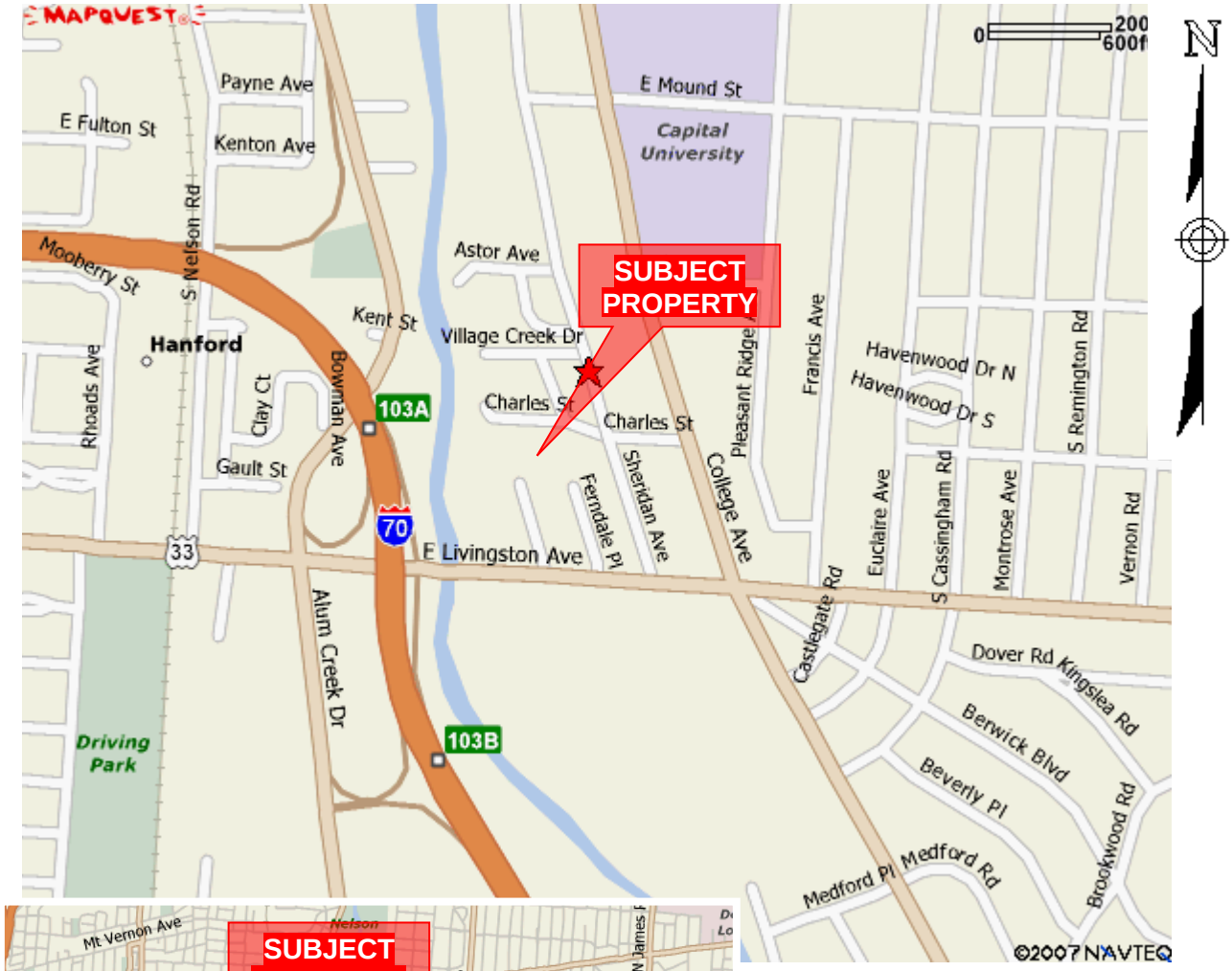
_____

Henry R. Stonerook, P.E., BCEE

Contact information:

Stone Environmental Engineering & Science, Inc.
6460 Busch Blvd., Ste. 105
Columbus, Ohio 43229
614-888-8041 (p)
614-888-8043 (f)
hankstonerook@stoneenvironmental.com

FIGURES



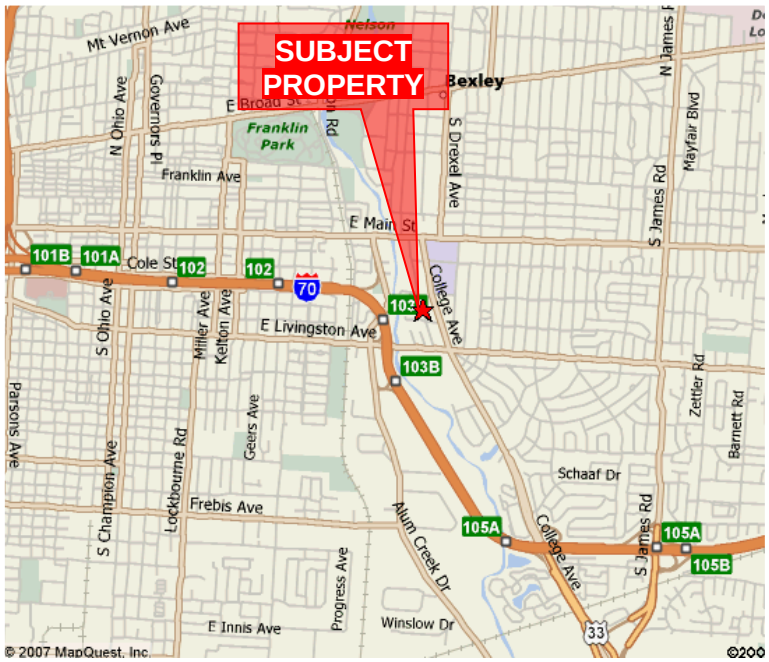


FIGURE 1 – Vicinity Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: www.mapquest.com

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

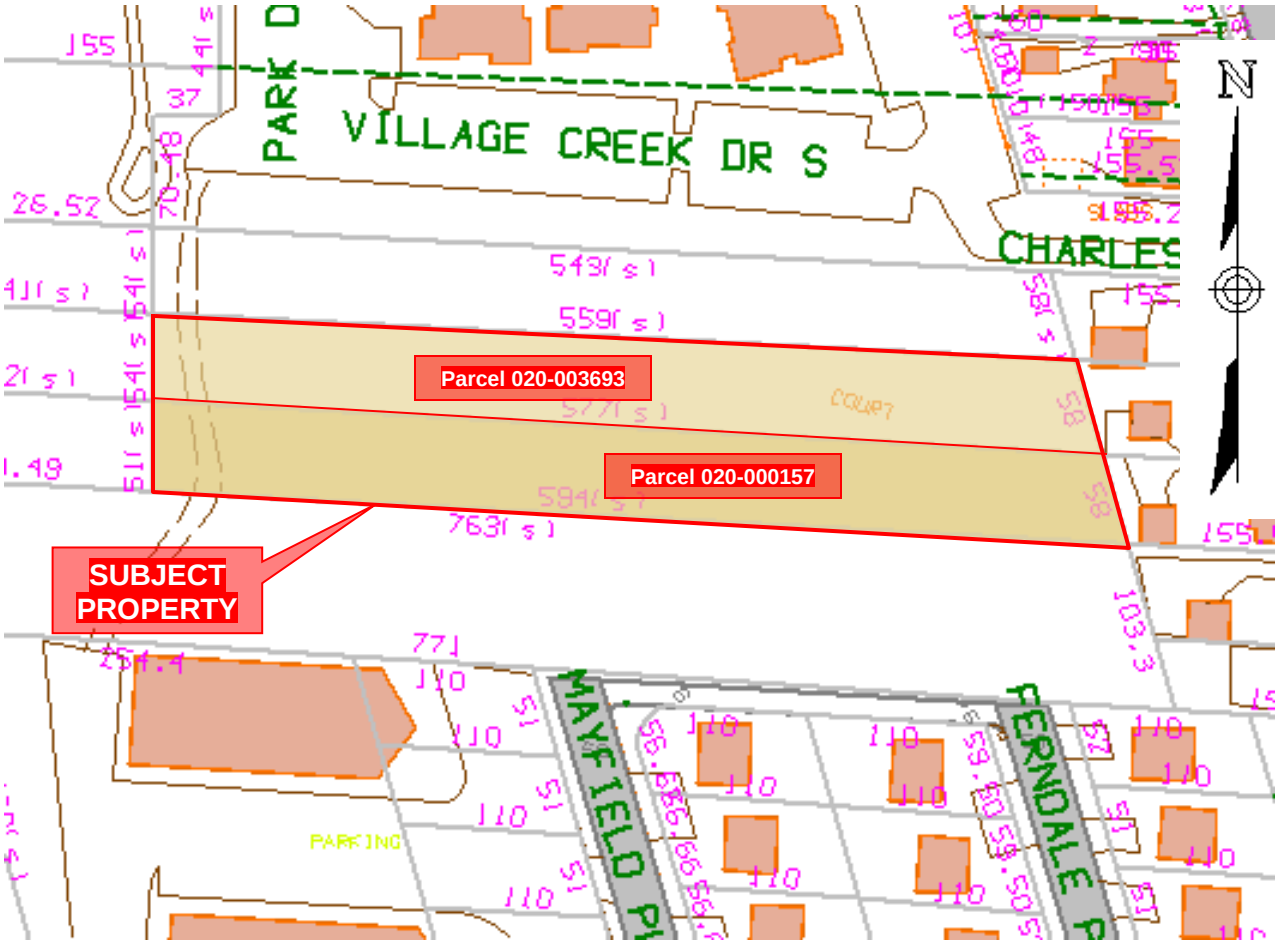


FIGURE 2 – Parcel Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: Franklin County Auditor

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

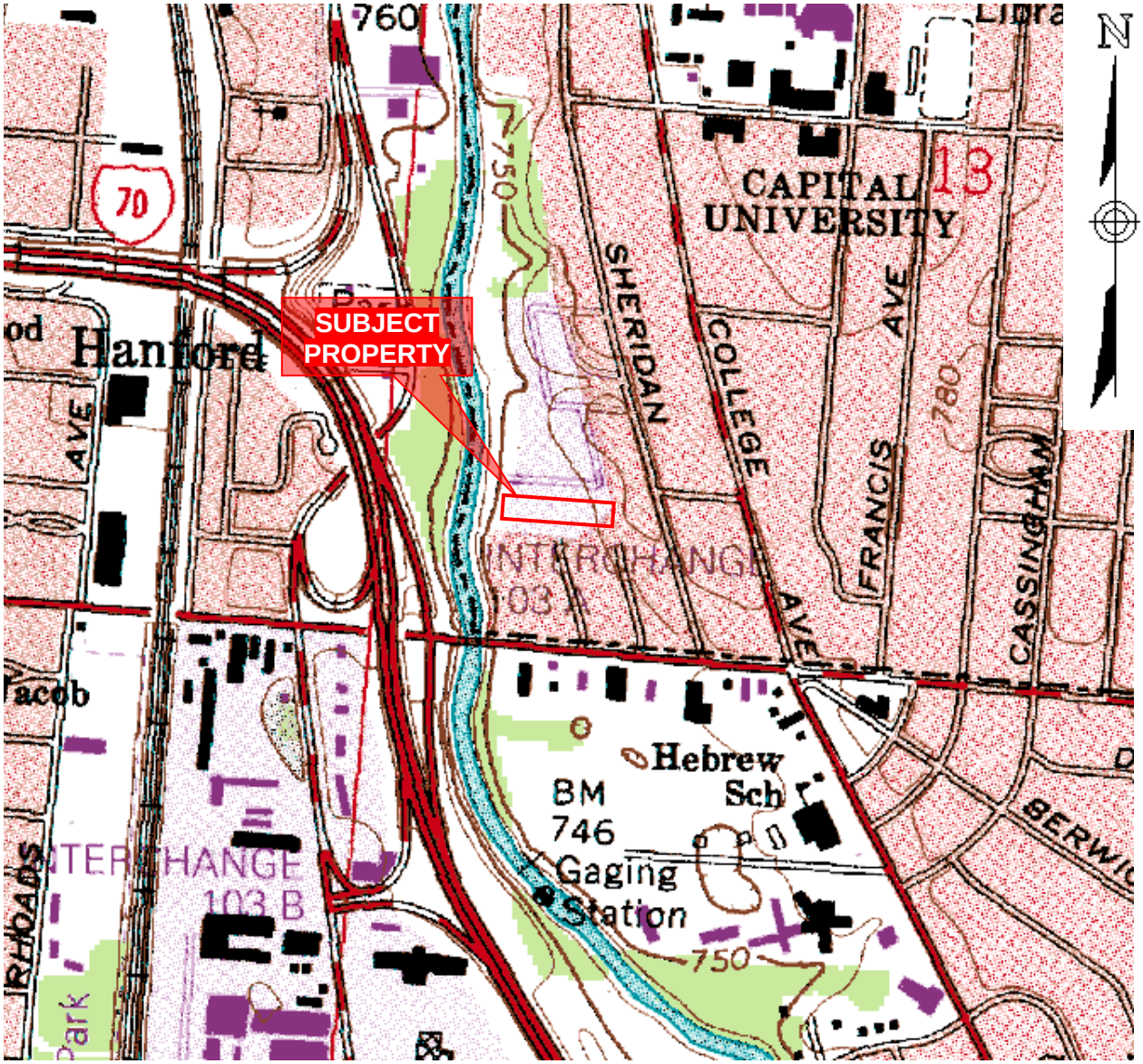


FIGURE 3 – USGS 7.5 Minute Topographic Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: www.topozone.com

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

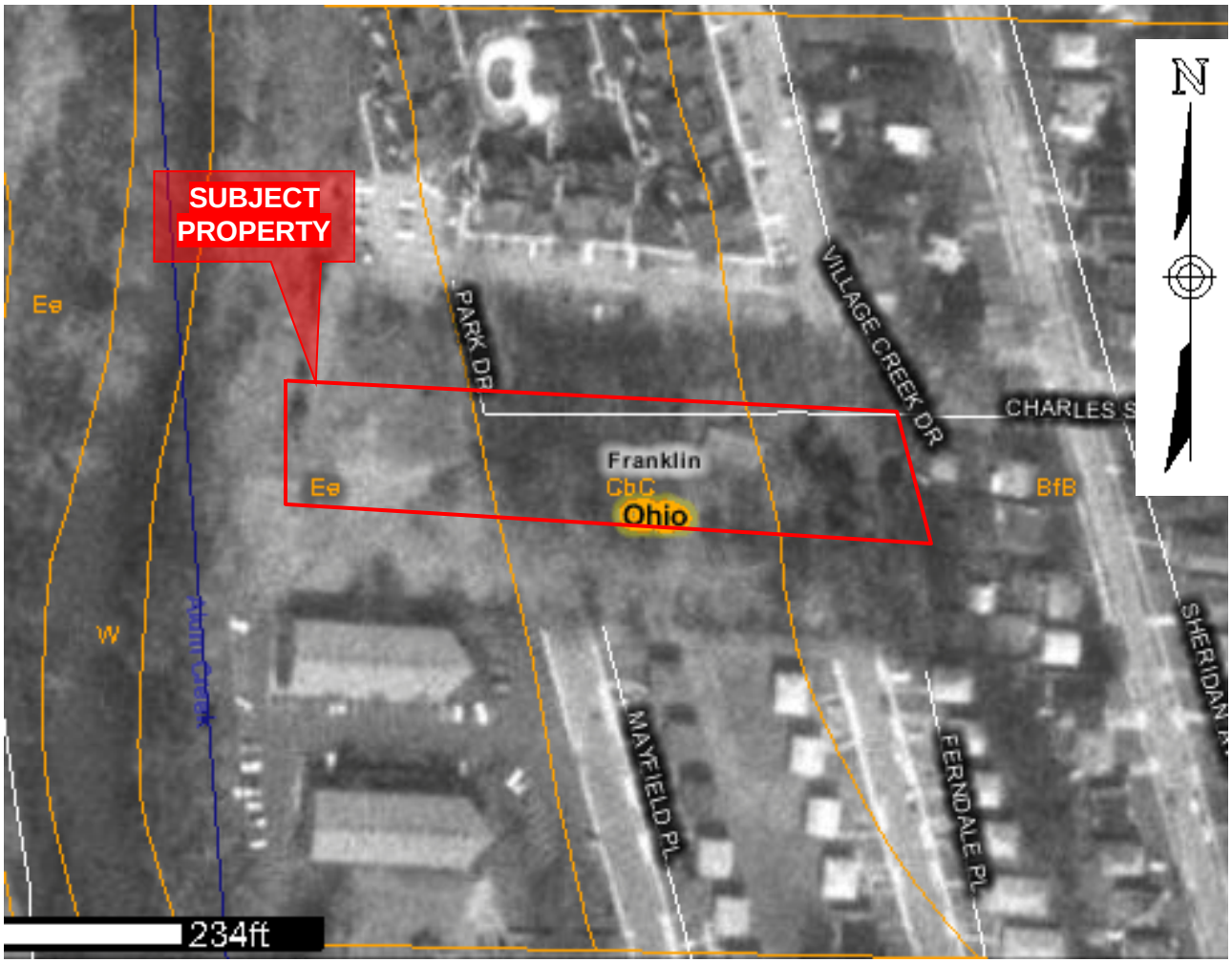


FIGURE 4 – Soil Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil Survey for Franklin County, Ohio

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5A – 2004 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: Franklin County Auditor

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

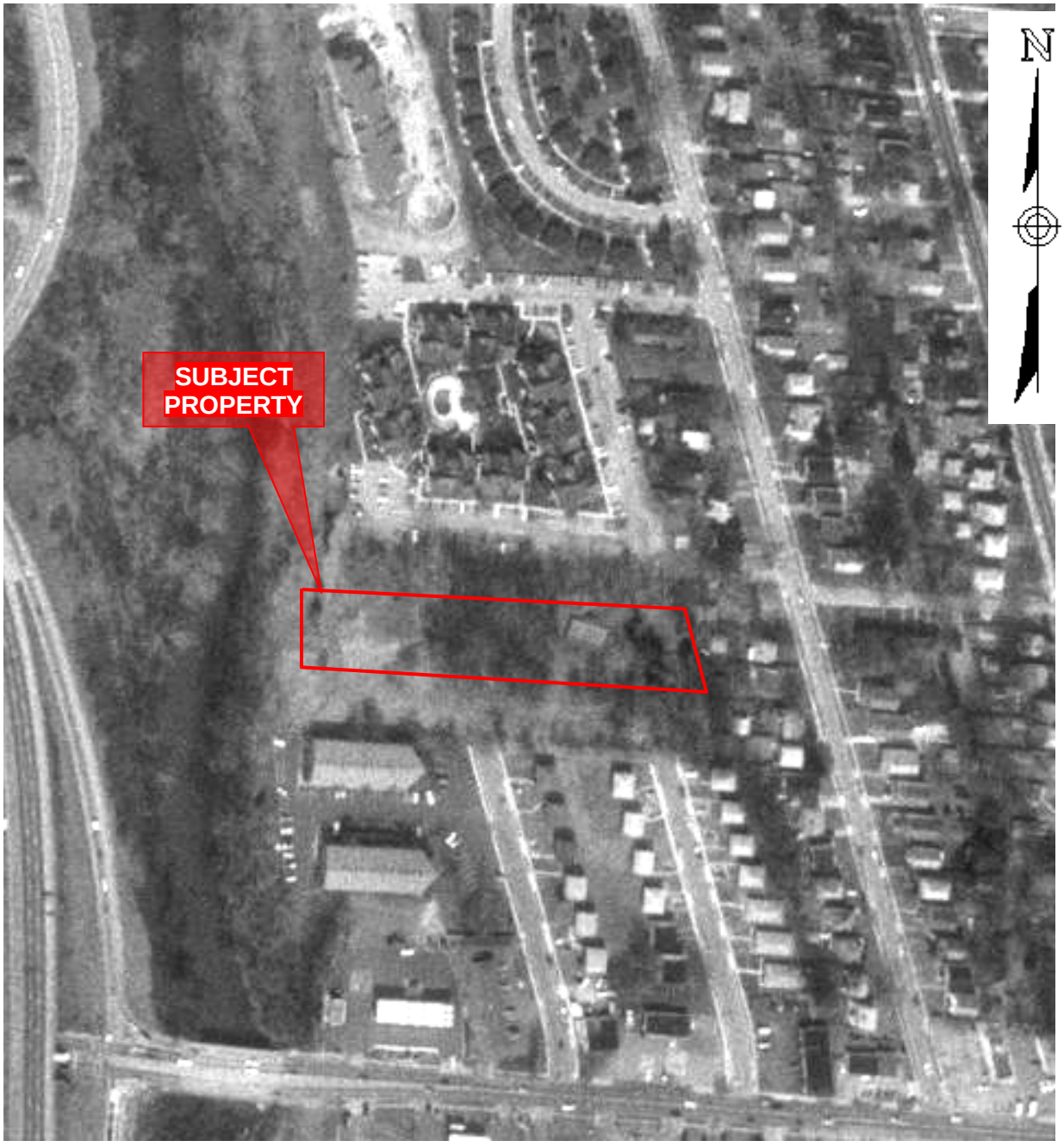


FIGURE 5B – 1994 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: www.terraserver.com

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

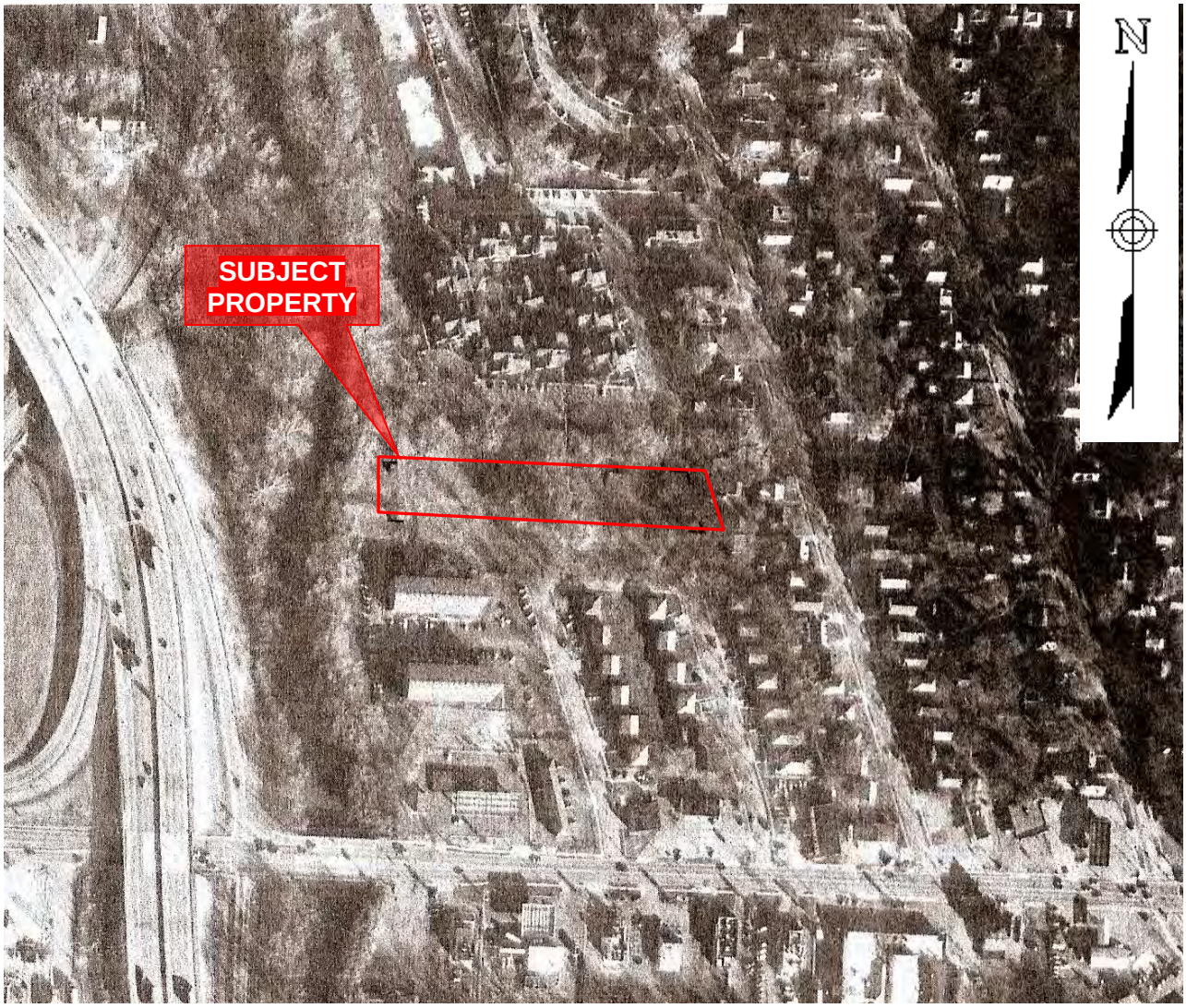


FIGURE 5C – 1989 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5D – 1980 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5E – 1972 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5F – 1964 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5G – 1957 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

FIGURE 5H – 1950 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

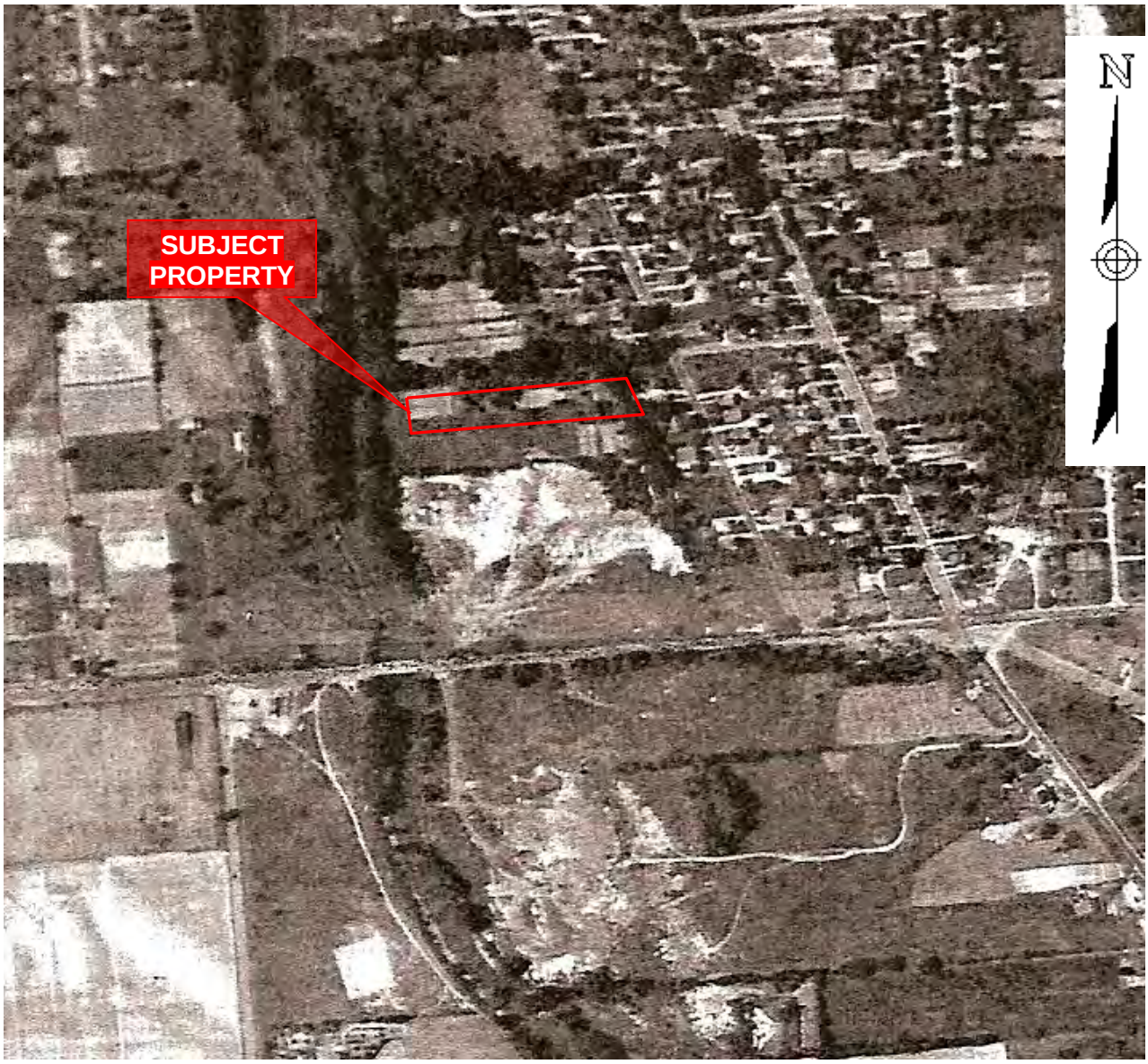


FIGURE 5I – 1938 Aerial Photo

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: USDA NRCS Soil and Water Conservation District Office, Franklin County

Note: boundaries are not accurate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

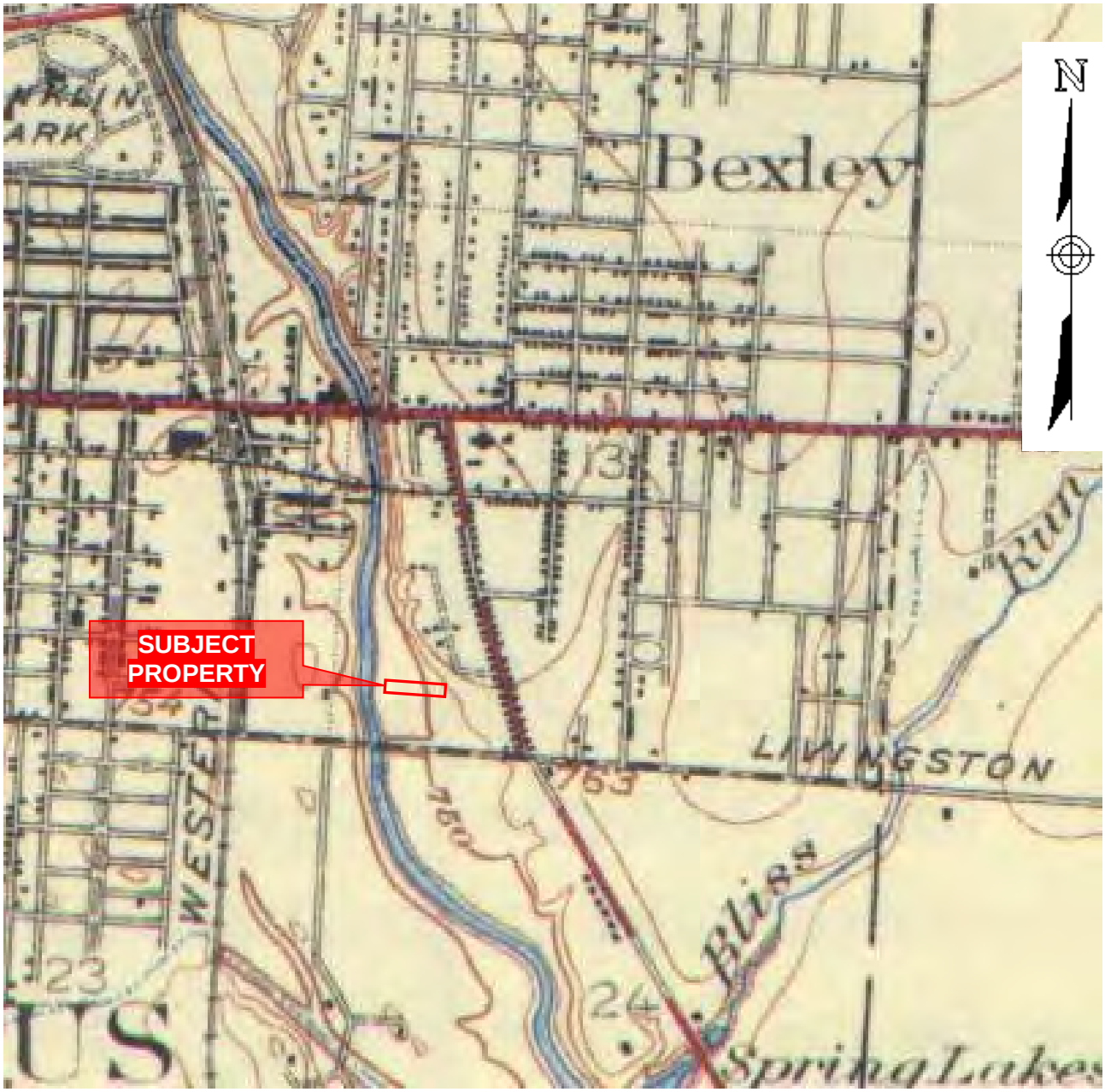


FIGURE 6A – 1925 USGS 7.5 Minute Topographic Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: www.maptech.com

Note: boundaries are approximate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

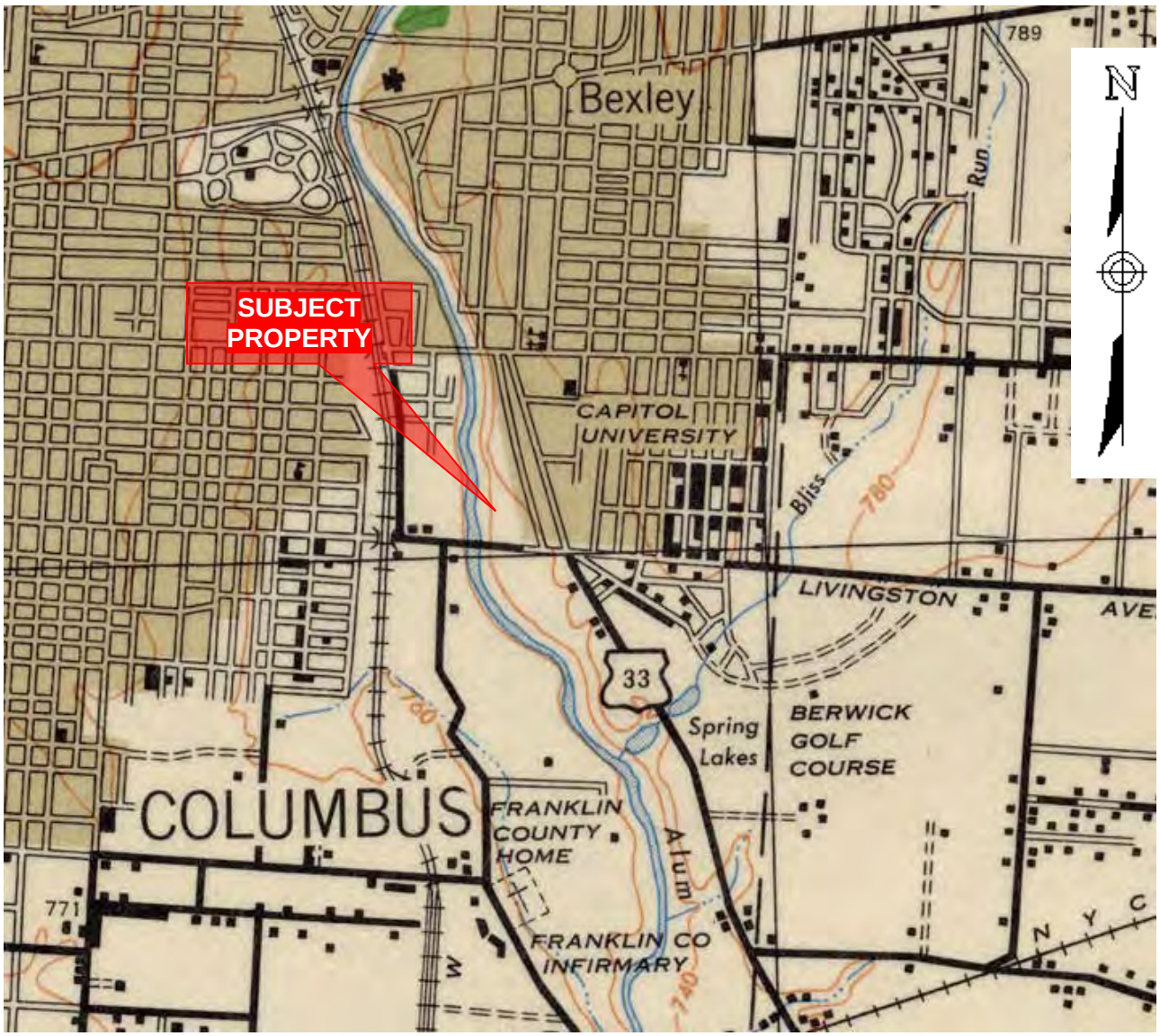


FIGURE 6B – 1943 USGS 7.5 Minute Topographic Map

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

REFERENCE: www.maptech.com

Note: boundaries are approximate.

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

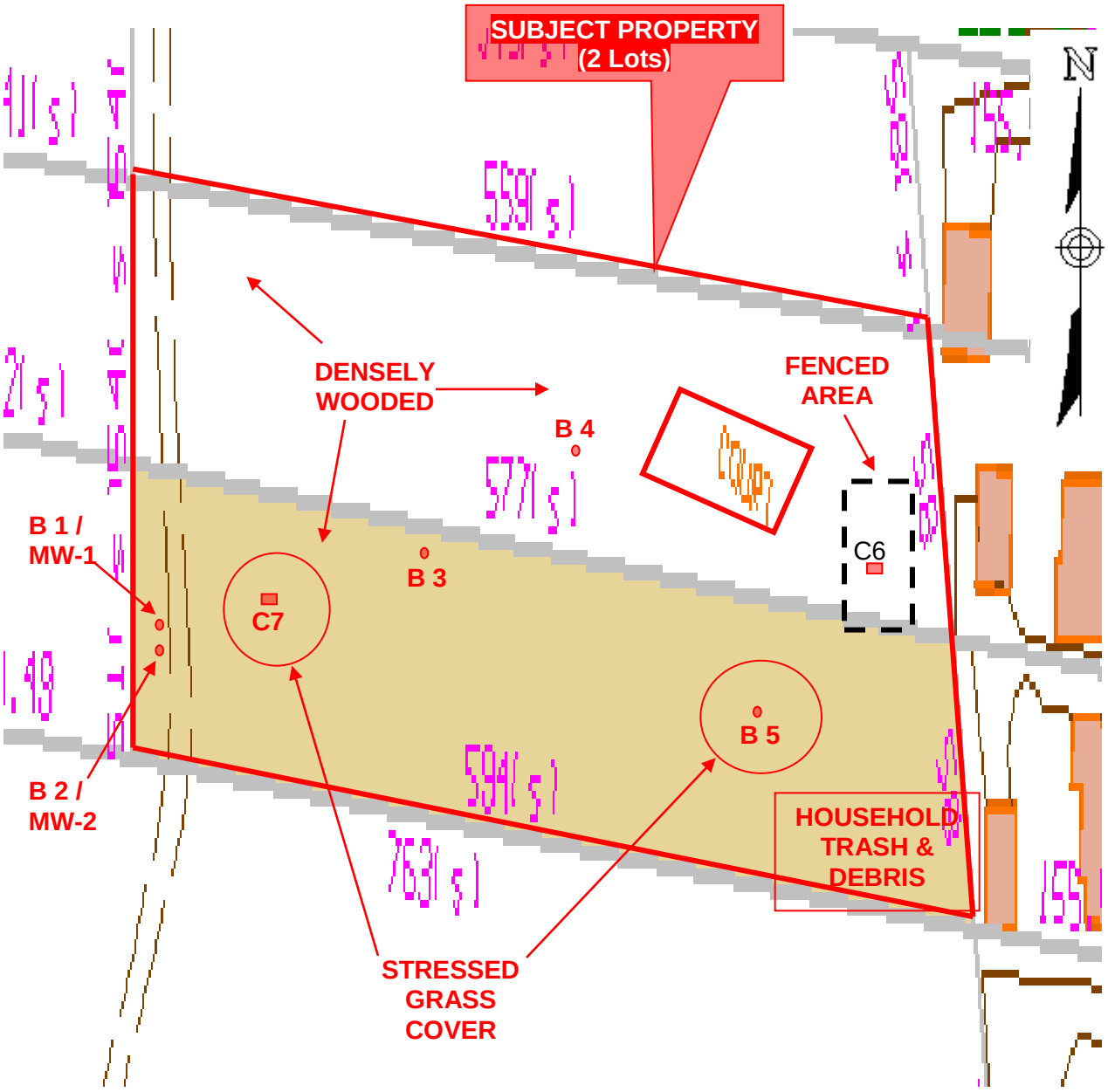


FIGURE 7 – Site Map w/ Boring and Sample Locations

Phase I and II ESA
835 Sheridan Avenue
Bexley, Ohio 43209

COMPOSITE SAMPLE COLLECTED BY HAND
SOIL BORING LOCATION

REFERENCE: FRANKLIN COUNTY AUDITOR GIS

Note: boundaries are approximate

Stone Environmental
Engineering & Science, Inc.
748A Green Crest Drive
Westerville, Ohio 43081

BURGESS & NIPLE

5085 Reed Road | Columbus, OH 43220 | 614.459.2050

Mr. Ben Kessler, Mayor
City of Bexley
2242 East Main Street
Bexley, OH 43209

Re: Limited Phase II Property Assessment and Recreational Standard Calculation
Sheridan Avenue Property
Bexley, Ohio

September 26, 2016

Dear Mayor. Kessler:

Burgess & Niple, Inc. (B&N) completed a limited Phase II Property Assessment (PA) and calculated property-specific recreational standards in conformance with the Ohio Environmental Protection Agency's (EPA's) Voluntary Action Program (VAP) for the City of Bexley (City) Sheridan Avenue (Property), located south of Charles Street, north of Livingston Avenue, east of Alum Creek, and west of Sheridan Avenue, Bexley, Ohio. The site is presented on **Figure 1**.

The limited Phase II PA was performed to evaluate soils on the Property in anticipation of converting the vacant property to a park, which includes ball fields and potential community gardens. As requested, property-specific direct contact soil standards were calculated for recreational land use following Ohio EPA VAP *Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures* (May 2016). It should be noted that the City is not currently entering the VAP program, but the investigation followed acceptable agency protocol in the event the City choses to enter the program. The following summarizes the findings of the limited Phase II PA and Human Health Risk Evaluation (HHRE).

I. LIMITED PHASE II PA

B&N completed a limited Phase II PA on August 9, 2016. A direct push sampling unit was used to collect soil samples for analytical testing. During the Phase II PA, Wright's Drilling of Mount Sterling, Ohio, advanced 25 direct push soil borings throughout the Property within the recreational land use point of compliance (POC) (0 to 2 feet below ground surface [bgs]). All direct push soil boring activities were field-directed by a B&N geologist. Soils were submitted to ALS, a VAP-certified laboratory, for analysis of all or a combination of the following:

- Heavy metals – in particular, arsenic, cadmium, and lead (Methods 6010 B, 7470A);
- Volatile organic compounds (VOCs) (Method 8260A/C), and
- Polynuclear aromatic hydrocarbons (PAHs) (Method 8270C).

Direct push soil samples were collected in a large-bore, steel soil core sampler (4- or 5-foot-long by 2-inch diameter) attached to 1-inch-outside-diameter (OD) steel rods. The soil core sampler was lined with a new disposable acetate coring tube before collection of each soil sample. The sampler was driven into the ground by the static weight of the carrier vehicle and hydraulic hammer percussion to a depth of 2 feet bgs.

Upon opening the coring tube, the geologic description of the samples was recorded on boring log sheets (**Attachment 1**). Soil samples were collected in 2-foot intervals for both laboratory and headspace analysis. Each sample was collected using clean surgical latex or nitrile gloves that were discarded after collection of each sample. Soil samples collected from each soil interval was placed in sample jars provided by the laboratory. In addition, a small portion of each soil interval was separately placed into a plastic zippered bag, sealed, and allowed to warm to ambient temperature for headspace screening. A calibrated photoionization detector (PID) was used to screen the samples. The relative response of the PID was among one of the ways used to determine which soil samples were submitted to the VAP-certified laboratory for analysis of VOCs.

A new acetate coring tube/liner was inserted into the soil sampler for each sampling interval during the advancement of the boring. Acetate liners were not reused. The soil sampler was decontaminated between borings. Parts were washed in a soap and water solution, using a brush to remove any adhered particles. After washing, parts were rinsed thoroughly with clean water and allowed to dry.

Upon completion of the borehole, the borehole was properly abandoned. Bentonite chips were poured into the borehole to ground surface and hydrated.

A. Soil Description

The majority of the soils sampled at the Property consisted of dry, brown to gray silty sand/sandy silt fill with varying amounts of sand and gravel. Some clayey fill was also noted in the east central portion of the property. Brick slag, cinders, and glass fragments were encountered as part of the fill material. Fill material was encountered across the entire property.

B. Analytical Results

Current results of the soil sampling indicate exceedances of VAP residential land use standards for arsenic, lead, benzo(a)anthracene, benzo(a)pyrene, and dibenzo(a,h)anthracene. **Table 1** presents the soil analytical results compared with VAP standards. **Attachment 2** presents the laboratory analytical reports. The future plans for the property is to be recreational, however, VAP does not have established generic recreational land use standards. As such, recreational standards were calculated following Ohio EPA VAP protocol outlined in the *Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures* (May 2016).

II. APPLICABLE STANDARDS

Recreational standards were developed for the chemicals of concern (COCs) detected at the Property since the VAP has not promulgated recreational standards.

A. Identification of Pathways

Exposure to contaminants in soil, sediment, groundwater, and/or surface water can occur at the Property by dermal contact, ingestion, or inhalation either in outdoor air as particulates or indoor air as vapor. At the request of the City, only the direct contact of soils pathway was evaluated. The following media and/or pathways were not evaluated as part of this investigation:

1. Soils below the 2-foot recreational POC were not collected either for description or laboratory analysis. Therefore, the construction/excavation worker 10-foot POC was not investigated.

2. Although Alum Creek is located adjacent to the Property, sediment and surface water were not evaluated.

3. Although cadmium had previously been detected in a grab groundwater sample above a historical VAP unrestricted potable use standard (UPUS), borings were not advanced deep enough to encounter groundwater. Therefore, groundwater samples were not collected as part of this limited Phase II PA.

4. Vapor intrusion, as the result of volatile COCs in soils or groundwater to indoor air, was considered an incomplete pathway as enclosed structures are not located within the Identified Areas (IAs) at this time. It was assumed that no enclosed structures would be built in the IAs in the future.

5. As such, only soil direct contact was considered a complete pathway for the 0- to 2-foot bgs soils. Direct contact of soil includes dermal contact, ingestion, and inhalation of soil particulates.

B. Risk Characterization

Using equations provided in the *Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures* (Ohio EPA, May 2016), and chemical-specific information provided on the Ohio EPA *Chemical Information Database and Applicable Regulatory Standards* (*CIDARS* - May 2016), recreational standards were calculated for an adult and child recreational visitor. The following table presents the differences in exposure parameters between a residential scenario and recreational scenario.

Name	Adult Residential	Child Residential	Adult Recreational	Child Recreational
Adherence Factor (mg/cm^3)	0.07	0.2	0.07	0.2
Averaging Time (days)				
• *noncarcinogen*	10,950	2,190	10,950	2,190
• *carcinogen*	25,550	25,550	25,550	25,550
Body Weight (kg)	70	15	70	15
Exposure Duration (years)	30	6	30	6
Exposure Frequency (days/year)	350	350	90	90
Exposure Time (hours/day)	8	8	8	8
Exposure Time (hours/day)	0.25	0.33	0.25	0.25
Ingestion Rate (soils- mg/day)	100	200	100	200
Inhalation Rate (m^3/hour)	0.9	0.66	0.9	0.66
Dermal Permeability Constant	0.1	0.1	0.1	0.1
Skin Area (cm^2)				
• *soil dermal contact*	5,700	2,800	5,700	2,800
• *water dermal contact*	20,000	8,000	20,000	8,000
Conversion Factor (Soil)	1.00E-06	1.00E-06	1.00E-06	1.00E-06
Fraction Ingested	1	1	1	1
Exposure Frequency (events/day)	1	1	1	1

Although several exposure parameters remain the same for the two scenarios, such as the body weight and averaging times, the exposure frequency is very different between the residential and recreational scenarios. In addition, an age-dependent adjustment is also made for several of the factors when calculating the carcinogenic portion of the standards.

Using the above receptor and scenario-specific exposure factors, direct contact soil standards for recreational land use were calculated. **Attachment 3** contains the recreational standards calculations.

C. Soil Analytical Results

Soil results were compared with the calculated recreational standards. The following summarizes the recreational standard exceedances.

1. Heavy Metals – Five of the 25 soil samples submitted for analysis of lead exceed the calculated recreational standard (550 milligrams per kilogram [mg/kg]). These include SB-1 (0-2) at 1,000 mg/kg, SB-3 (0-2) at 930 mg/kg, SB-6 (0-2) at 680 mg/kg, SB-10 (0-2) at 2,900 mg/kg, and SB-14 (0-2) at 1,400 mg/kg. No detected concentrations exceed the recreational standard for arsenic (47 mg/kg) or cadmium (60 mg/kg).

2. PAHs – Nine of the 25 soil samples were submitted for analysis of PAHs. Two of the samples exceed the calculated recreational standard of 4.80 mg/kg. These included SB-6 (0-2) at 4.9 mg/kg and SB-20 (0-2) at 13 mg/kg. Although a variety of PAHs were detected in the soil samples, no other PAHs exceed the calculated recreational standards.

3. VOCs – Nine of the 25 soil samples were submitted for VOCs analyses. No VOCs were detected in any of the samples submitted.

Although individual soil concentrations can be compared to applicable standards, individual soil results do not represent the true risk to a receptor at the Property. It is unreasonable to assume that a person at the site would be exposed to the highest concentration at the site during the entire duration they are on the site. Instead, the U.S. EPA recommends using an average concentration to represent, ". . . a reasonable estimate of the concentration likely to be contacted over time," (U.S. EPA 1989). Ohio Administrative Code(OAC) 3745-300-07(F)(5) allows for the use of a representative concentration by calculating the 95 percent upper confidence level (UCL) of the arithmetic mean of a data set. The 95 percent UCL is a conservative estimation of an average concentration due to ". . . the uncertainty associated with estimating a true average concentration," (U.S. EPA 1992). The data set must contain enough samples to derive a frequency and distribution that can reliably estimate the 95 percent UCL.

Individual soil results were initially compared with the calculated recreational standard, as noted above. The 95 percent UCL was also calculated for each COC which exceeded applicable recreational standards and the 95 percent UCL was then compared to the calculated recreational standard. As stated above, the 95 percent UCL provides a single value that represents a conservative average of the concentration in soils at the Property. The 95 percent UCL value is then compared with the applicable standards. If the calculated 95 percent UCL is less than the applicable standard, all soil data for that COC is considered to meet the standards, even though one or two individual samples may exceed.

The calculated 95 percent UCL for lead was 664 mg/kg, above the calculated recreational standard of 550 mg/kg. The calculated 95 percent UCL for benzo(a)pyrene was 7.63 mg/kg, above the calculated recreational standard of 4.80 mg/kg. ProUCL© calculations are presented in **Attachment 4**. Since these did not meet applicable standards, additional work will be needed to meet applicable standards.

1. Derivation of a Recreational Standard for Lead

Due to the difference in uptake by a receptor of lead as opposed to the other COCs at the Property, the calculation of a direct contact lead standard is different than the other chemicals detected at the property.

U.S. EPA and Ohio EPA calculate risk from lead exposure using two models that will calculate a blood lead level (BLL). One model is used for children, the Integrated Exposure Uptake Biokinetic Model for Lead in Children (IEUBK) and the Adult Lead Model (ALM). Both of these models are available at the U.S. EPA website (http://www.epa.gov/superfund/lead/products.htm). It should be noted that the IEUBK model is for children 0 to 84 months, or 6 years. Since children are the most sensitive receptor population using the ballfields on a regular basis, the IEUBK was considered applicable and would be most protective of the receptors at the ballfield.

a. Child Lead Model (IEUBK)

Utilizing the *User's Guide for the Integrated Exposure Uptake Biokinetic Model for Lead in Children* (EPA 9285.7-42, May 2007), the IEUBK was used to calculate a recreational standard. The IEUBK model is used to predict blood level concentrations in children (0 to 84 months) when exposed to lead from several sources (soil, dust, water, air, and dietary/food uptake) and several routes of exposure (inhalation, ingestion, dermal contact). The model calculates a plausible lead concentration centered around the geometric mean (GM) lead concentration. The GM lead concentration is predicted from available information about the children's exposure to lead. From this distribution, the model estimates the risk/probability that a child's BLL will exceed a certain level of concern, typically 10 micrograms per deciliter (µg/dl). U.S. EPA recommends the probability to not exceed a 5 percent chance for BLLs in children that exceed the 10 µg/dl.

However, the IEUBK model assumes lead risks are continuous and chronic. To account for exposures that are not continuous but intermittent, such as those at a park, the methods described in *Assessing Intermittent or Variable Exposures at Lead Sites* (EPA-540-R-03-008), were used to modify the IEUBK model to account for exposure at a park or playground. This document describes a time-weighting approach to account for exposure to a receptor at more than one location and varying intensities of exposure. The model can be used when there are exposures to a child at a primary location (the residence) and a secondary location (a park) where the exposure to lead at the secondary location is greater than the exposure concentration at the residence. This is the approach that was used to calculate a recreational standard for lead. Since only lead concentrations at the Property (secondary site) are known, default assumptions of the IEUBK model were used in conjunction with the time-weighted soil concentrations at the Property. Only the soil lead concentration

was altered in the model. Although the guidance document calculates a time-weighted concentration for indoor air dusts as the result of outdoor soils, the multiple source analysis (MSA) which calculates an indoor dust concentration based on the outdoor concentration was used instead. The MSA concentration was slightly greater than the calculated time-weighted indoor dust concentration. All other default assumptions (exposure to lead in food, water, and air) remained default values.

The model's default soil concentration is 200 mg/kg and was assumed to be the concentration at the primary location (residence). In addition, it was assumed that the child would also be exposed to a concentration at the Sheridan Avenue property. Time-weighted exposure calculations were used to derive an average value for the two locations (primary and secondary). In this approach, a weighted value is assigned to a medium, soil, which reflects the fraction of outdoor exposure to primary or secondary site soil. The time-weighting factor should be based on the smallest time period in which the exposure repeats. Recreational exposure is typically expressed as 90 days per year. Using the smallest time period spread over the course of a year, 90 days is approximately 2 days per week (2 days/7 days). **Table 2** presents the calculated concentrations of the time weighted exposure calculation based on 0 through 4 days per 7 days exposure at the park. **Attachment 5** contains the equations used for the time-weighting calculation. The time-weighted soil concentrations were then used in the IEUBK model. **Table 2** also presents the GM blood lead concentration and the percent of children which may result in a BLL above the 10 µg/dl. **Attachment 5** also contains the graphical output of the IEUBK model for each of the model runs (exposure durations of 0 through 4 days per 7 days at the park).

Using a value of 550 mg/kg for the Sheridan Avenue lead concentration, the IEUBK model was calculated. The 550 mg/kg is an accepted Ohio EPA recreational standard for lead (via a generic non-site-specific phone conversation with Ms. Audrey Rush, DERR risk assessor, October 12, 2012). Results indicate that the assumed exposure duration of 2 days per week meets the risk-based standards of less than 5 percent of receptors exceeding BLLs of 10 µg/dl. To verify that the 550 mg/kg would be a conservative recreational standard, the IEUBK model was calculated under recreational conditions of 2 days per week, and up to 4 days per week (assuming the child receptor may have sport practices at the ballfield). Results of all scenarios were below the 5 percent BLL of 10 µg/dl; therefore, 550 mg/kg was used as the recreational standard for the Property.

b. Adult Lead Model (ALM)

Although the child receptor is considered to be the most sensitive population, the ALM for adults was also used to verify the calculated recreational standard of 550 mg/kg for lead would be protective of the adult receptor population. The ALM models BLLs in a non-residential setting. It focuses on estimating fetal BLLs in women exposed to lead in contaminated soils. Ohio EPA has modified the U.S. EPA ALM spreadsheet to include a total ingestion rate (of outdoor soil and indoor dust). As such, to be more conservative and to comply with VAP standards and methodology, the Ohio EPA modified ALM spreadsheet was used to verify the

previously calculated recreational standard. The lead concentration of 550 mg/kg, and increased ingestion rate of 0.1 grams per day (g/day), the exposure frequency of 90 days per year, and the averaging time of 365 days per year were used in the ALM to determine if the calculated recreational standard is also protective of adults at the ballfields. **Attachment 5** contains the ALM spreadsheet. The spreadsheets show the probability of a fetus BLL above 10 µg/dl ranging from 0.1 percent to 3.1 percent, with the GM fetus BLL ranging from 3.9 µg/dl to 8.3 µg/dl, which is below the 10 µg/dl allowable BLL. This would indicate that the 550 mg/kg lead concentration used for a recreational standard is also protective of adults at the Property.

D. Recreational Standards

Table 3 presents the calculated recreational standards for both the adult and child recreational receptor. The final recreational single chemical generic direct contact standard is the lower of the two values. **Table 1** includes the recreational standard along with the applicable VAP standards and the detected soil concentrations.

III. CONCLUSIONS

Based on the soil analytical results, lead and benzo(a)pyrene are above the calculated recreational standard, 550 mg/kg and 4.80 mg/kg, respectively, in various soil samples. In addition, calculation of the 95 percent UCL for both lead (664 mg/kg) and benzo(a)pyrene (7.63 mg/kg) also exceed the calculated recreational standards (550 mg/kg and 4.80 mg/kg, respectively). To meet the recreational standards, it is recommended that the Property undergo some type of remediation prior to development of the site as a park. Remedial options could include, but are not limited to, the following:

A. Selectively remove soil which exceed recreational standards to a minimum of 2 feet bgs and replace removed soils with clean fill material which meet the calculated recreational standard. This would require collection of confirmation samples to ensure that soils remaining at the edge of the excavation meet applicable standards and the sampling of clean fill brought to the Property (recreational).

B. Placement of a minimum of 2 feet of clean fill material which meet the calculated recreational standards above impacted soils.

C. Placement of an engineering control over the areas that contain recreational soil exceedances which will prohibit direct contact of the impacted underlying soils by potential receptors. It is recommended that if an engineering control is used to mitigate direct contact, an operations and maintenance plan (O&M Plan) should be completed to insure that the measure continues to mitigate the direct contact pathway. This could include annual inspections of the engineering control and measures to repair or replace the engineering control if the need arises.

It is currently not the intention of the City to address the site under the VAP; however remedial options discussed above are measures previously acceptable to the Ohio EPA for impacted soils.

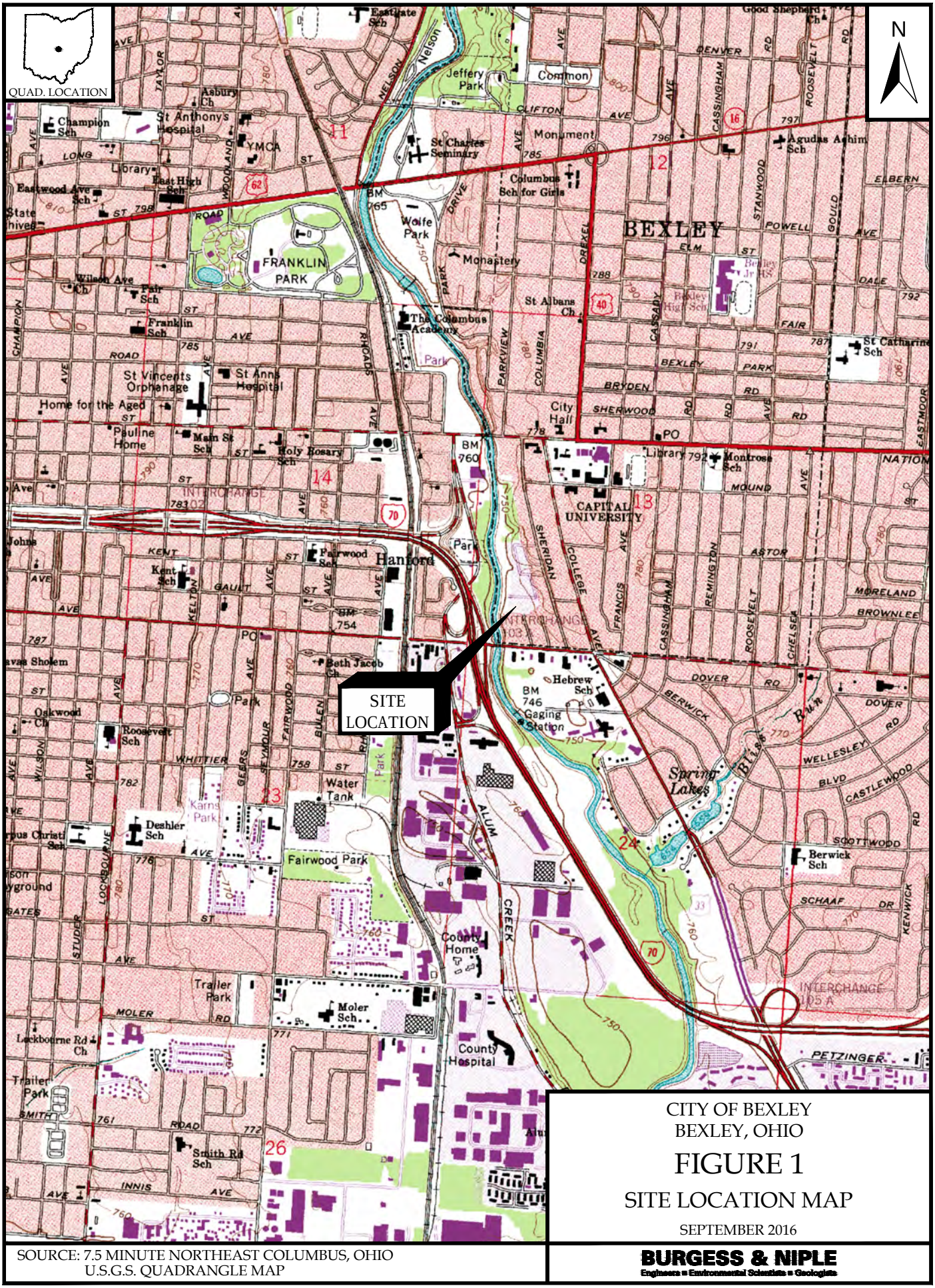
B&N appreciates the opportunity to work with you on this project. Please do not hesitate to contact us with any questions or concerns you may have regarding the limited Phase II PA.

Respectfully,

Julie A. Carpenter
Risk Assessor, CPG

JAC:cmc
Attachments

FIGURES



CITY OF BEXLEY
BEXLEY, OHIO

FIGURE 1

SITE LOCATION MAP

SEPTEMBER 2016

SOURCE: 7.5 MINUTE NORTHEAST COLUMBUS, OHIO
U.S.G.S. QUADRANGLE MAP

BURGESS & NIPLE
Engineers ▪ Environmental Scientists ▪ Geologists

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CITY OF BEXLEY
BEXLEY, OHIO

FIGURE 2

BORING LOCATION MAP

SEPTEMBER 2016

BURGESS & NIPLE
Engineers ▪ Environmental Scientists ▪ Geologists

PLOTTED: 9/20/2016 10:05:49 AM

N

	Recreational Standard	Construction Standard	SB-4 (0-2) 8/9/2016
Lead	550	**400**	**420**

	Recreational Standard	Construction Standard	SB-13 (0-2) 8/9/2016
Lead	550	**400**	**470**

	Recreational Standard	Construction Standard	SB-14 (0-2) 8/9/2016
Lead	550	400	**1400**

	Recreational Standard	Construction Standard	SB-1 (0-2) 8/9/2016
Lead	**550**	**400**	**1,000**
Benzo(a)pyrene	4.8	5.8	3.3

	Recreational Standard	Construction Standard	SB-12 (0-2) 8/9/2016
Lead	550	**400**	**420**

	Recreational Standard	Construction Standard	SB-3 (0-2) 8/9/2016
Lead	**550**	**400**	**930**

	Recreational Standard	Construction Standard	SB-6 (0-2) 8/9/2016
Lead	**550**	**400**	**680**
Benzo(a)pyrene	**4.8**	5.8	**4.9**

	Recreational Standard	Construction Standard	SB-10 (0-2) 8/9/2016
Lead	550	400	**2,900**

	Recreational Standard	Construction Standard	SB-20 (0-2) 8/9/2016
Benzo(a)pyrene	4.8	5.8	**13**

VILLAGE CREEK DR.

CHARLES STREET

SHERIDAN AVE.

MAYFIELD PL.

FERNDALE PL.

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7 SB-8 SB-9 SB-10 SB-11 SB-12 SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20 SB-21 SB-22 SB-23 SB-24 SB-25

CITY OF BEXLEY
BEXLEY, OHIO

FIGURE 3

SOIL EXCEEDANCES

SEPTEMBER 2016

BURGESS & NIPLE
Engineers ▪ Environmental Scientists ▪ Geologists

P:\PR55064\cadd\Exceedance Map.dwg 9/20/2016 9:33:46 AM VanZandt, Ryan

TABLES

Table 1
Soil Analytical Data
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

	Units	Calculated Recreational	VAP SCGDCSS[A] Commercial	VAP SCGDCSS[A] Construction	SB-1 (0-2) 8/9/2016	SB-2 (0-2) 8/9/2016	SB-3 (0-2) 8/9/2016	SB-4 (0-2) 8/9/2016	SB-5 (0-2) 8/9/2016	SB-6 (0-2) 8/9/2016	SB-7 (0-2) 8/9/2016	SB-8 (0-2) 8/9/2016	SB-9 (0-2) 8/9/2016	SB-10 (0-2) 8/9/2016
Heavy Metals														
Arsenic	mg/kg	47	77	690	**30**	**22**	**33**	**23**	**13**	**23**	**28**	**16**	**26**	**35**
Cadmium	mg/kg	600	2,600	1,000	5.6	< 1.2	7.6	< 1.1	< 1.1	< 1.2	1.4	< 1.2	< 1.2	3.3
Lead	mg/kg	**550**	**800**	**400**	**1,000**	99	**930**	**420**	140	**680**	350	94	75	**2,900**
Poly-Nuclear Aromatic Hydrocarbons														
1-Methylnaphthalene	mg/kg	1,700	1,500	31,000	0.45	--	--	--	< 0.22	< 0.25	--	--	--	< 0.24
2-Methylnaphthalene	mg/kg	1,800	6,000	5,200	0.44	--	--	--	< 0.22	< 0.25	--	--	--	< 0.24
Acenaphthene	mg/kg	26,000	90,000	780,000	0.46	--	--	--	< 0.22	0.64	--	--	--	< 0.24
Acenaphthylene	mg/kg	36,500	90,000	780,000	0.56	--	--	--	< 0.22	0.34	--	--	--	< 0.24
Anthracene	mg/kg	130,000	450,000	1,000,000	1.5	--	--	--	0.33	2.8	--	--	--	0.33
Benzo(a)anthracene	mg/kg	48	58	1,200	3.5	--	--	--	1.1	5.3	--	--	--	1.2
Benzo(a)pyrene	mg/kg	**4.80**	**5.80**	120	**3.3**	--	--	--	1.1	**4.9**	--	--	--	**1.3**
Benzo(b)fluoranthene	mg/kg	48	58	1,200	3.3	--	--	--	1.2	5.3	--	--	--	1.3
Benzo(ghi)perylene	mg/kg	18,000	45,000	390,000	1.8	--	--	--	0.65	2.4	--	--	--	1.1
Benzo(k)fluoranthene	mg/kg	480	580	12,000	2.5	--	--	--	0.87	4.8	--	--	--	1
Carbazole	mg/kg	1,900	2,500	50,000	0.66	--	--	--	< 0.22	0.72	--	--	--	< 0.24
Chrysene	mg/kg	4,800	5,800	120,000	3.5	--	--	--	1.3	5.3	--	--	--	1.3
Dibenzo(a,h)anthracene	mg/kg	4.80	5.80	120	0.55	--	--	--	< 0.22	0.87	--	--	--	< 0.24
Dibenzofuran	mg/kg	600	4,100	2,100	0.56	--	--	--	< 0.22	0.5	--	--	--	< 0.24
Fluoranthene	mg/kg	18,000	60,000	160,000	8.5	--	--	--	2.7	13	--	--	--	2.9
Fluorene	mg/kg	18,000	60,000	520,000	0.78	--	--	--	< 0.22	0.86	--	--	--	< 0.24
Indeno(1,2,3-cd)pyrene	mg/kg	48	58	1,200	2.1	--	--	--	0.77	3.1	--	--	--	0.88
Naphthalene	mg/kg	1,000	450	560	0.51	--	--	--	< 0.22	< 0.25	--	--	--	< 0.24
Phenanthrene	mg/kg	130,000	450,000	1,000,000	7	--	--	--	1.4	7.7	--	--	--	1.5
Pyrene	mg/kg	13,000	45,000	390,000	7.3	--	--	--	2.3	10	--	--	--	2.1
Volatile Organic Compounds (VOCs)														
No VOCs detected above laboratory detection limits.														

Italics - Supplemental Criteria

SCGDSS - Single chemical generic direct contact soil standard.
Bold - Exceeds Standard

Table 1
Soil Analytical Data
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

	Units	Calculated Recreational	VAP SCGDCSS[A] Commercial	VAP SCGDCSS[A] Construction	SB-11 (0-2) 8/9/2016	SB-12 (0-2) 8/9/2016	SB-13 (0-2) 8/9/2016	SB-14 (0-2) 8/9/2016	SB-15 (0-2) 8/9/2016	SB-16 (0-2) 8/9/2016	SB-17 (0-2) 8/9/2016	SB-18 (0-2) 8/9/2016	SB-19 (0-2) 8/9/2016	SB-20 (0-2) 8/9/2016
Heavy Metals														
Arsenic	mg/kg	47	77	690	**15**	**33**	**24**	**31**	**17**	**18**	**26**	**24**	**22**	**17**
Cadmium	mg/kg	600	2,600	1,000	< 1.1	< 1.1	< 1.2	1.3	< 1.3	< 1.1	< 1.2	< 1.2	< 1.2	< 1.1
Lead	mg/kg	**550**	**800**	**400**	21	**420**	**470**	**1,400**	98	16	20	22	85	79
Poly-Nuclear Aromatic Hydrocarbons														
1-Methylnaphthalene	mg/kg	1,700	1,500	31,000	--	--	0.38	--	< 0.27	--	--	--	--	0.28
2-Methylnaphthalene	mg/kg	1,800	6,000	5,200	--	--	0.35	--	< 0.27	--	--	--	--	< 0.22
Acenaphthene	mg/kg	26,000	90,000	780,000	--	--	0.53	--	< 0.27	--	--	--	--	2.7
Acenaphthylene	mg/kg	36,500	90,000	780,000	--	--	< 0.25	--	< 0.27	--	--	--	--	< 0.22
Anthracene	mg/kg	130,000	450,000	1,000,000	--	--	1	--	< 0.27	--	--	--	--	9.2
Benzo(a)anthracene	mg/kg	48	58	1,200	--	--	2.4	--	0.61	--	--	--	--	**15**
Benzo(a)pyrene	mg/kg	**4.80**	**5.80**	120	--	--	**2.5**	--	0.58	--	--	--	--	**13**
Benzo(b)fluoranthene	mg/kg	48	58	1,200	--	--	2.8	--	0.62	--	--	--	--	12
Benzo(ghi)perylene	mg/kg	18,000	45,000	390,000	--	--	1.3	--	0.36	--	--	--	--	6.7
Benzo(k)fluoranthene	mg/kg	480	580	12,000	--	--	1.8	--	0.49	--	--	--	--	11
Carbazole	mg/kg	1,900	2,500	50,000	--	--	0.54	--	< 0.27	--	--	--	--	1.4
Chrysene	mg/kg	4,800	5,800	120,000	--	--	3.1	--	0.65	--	--	--	--	14
Dibenzo(a,h)anthracene	mg/kg	4.80	5.80	120	--	--	0.33	--	< 0.27	--	--	--	--	**2.1**
Dibenzofuran	mg/kg	600	4,100	2,100	--	--	0.41	--	< 0.27	--	--	--	--	2
Fluoranthene	mg/kg	18,000	60,000	160,000	--	--	7.5	--	1.2	--	--	--	--	40
Fluorene	mg/kg	18,000	60,000	520,000	--	--	0.44	--	< 0.27	--	--	--	--	3.3
Indeno(1,2,3-cd)pyrene	mg/kg	48	58	1,200	--	--	1.6	--	0.38	--	--	--	--	8.2
Naphthalene	mg/kg	1,000	450	560	--	--	0.42	--	< 0.27	--	--	--	--	0.26
Phenanthrene	mg/kg	130,000	450,000	1,000,000	--	--	5.5	--	0.51	--	--	--	--	31
Pyrene	mg/kg	13,000	45,000	390,000	--	--	6	--	1	--	--	--	--	32
Volatile Organic Compounds (VOCs)														
No VOCs detected above laboratory detection limits.														

Italics - Supplemental Criteria

SCGDSS - Single chemical generic direct contact soil standard.
Bold - Exceeds Standard

Table 1
Soil Analytical Data
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

	Units	Calculated Recreational	VAP SCGDCSS[A] Commercial	VAP SCGDCSS[A] Construction	SB-21 (0-2) 8/9/2016	SB-22 (0-2) 8/9/2016	SB-23 (0-2) 8/9/2016	SB-24 (0-2) 8/9/2016	SB-25 (0-2) 8/9/2016
Heavy Metals									
Arsenic	mg/kg	47	77	690	**27**	**19**	**15**	**22**	**19**
Cadmium	mg/kg	600	2,600	1,000	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1
Lead	mg/kg	**550**	**800**	**400**	88	190	110	31	180
Poly-Nuclear Aromatic Hydrocarbons									
1-Methylnaphthalene	mg/kg	1,700	1,500	31,000	--	--	--	< 0.25	< 0.23
2-Methylnaphthalene	mg/kg	1,800	6,000	5,200	--	--	--	< 0.25	< 0.23
Acenaphthene	mg/kg	26,000	90,000	780,000	--	--	--	< 0.25	0.41
Acenaphthylene	mg/kg	36,500	90,000	780,000	--	--	--	< 0.25	< 0.23
Anthracene	mg/kg	130,000	450,000	1,000,000	--	--	--	0.61	1.3
Benzo(a)anthracene	mg/kg	48	58	1,200	--	--	--	2.1	2.7
Benzo(a)pyrene	mg/kg	**4.80**	**5.80**	120	--	--	--	**2.3**	**2.6**
Benzo(b)fluoranthene	mg/kg	48	58	1,200	--	--	--	2.8	3.1
Benzo(ghi)perylene	mg/kg	18,000	45,000	390,000	--	--	--	1.1	1.2
Benzo(k)fluoranthene	mg/kg	480	580	12,000	--	--	--	1	1
Carbazole	mg/kg	1,900	2,500	50,000	--	--	--	< 0.25	0.37
Chrysene	mg/kg	4,800	5,800	120,000	--	--	--	2.2	2.7
Dibenzo(a,h)anthracene	mg/kg	4.80	5.80	120	--	--	--	0.3	0.35
Dibenzofuran	mg/kg	600	4,100	2,100	--	--	--	< 0.25	0.31
Fluoranthene	mg/kg	18,000	60,000	160,000	--	--	--	4.9	5.9
Fluorene	mg/kg	18,000	60,000	520,000	--	--	--	< 0.25	0.38
Indeno(1,2,3-cd)pyrene	mg/kg	48	58	1,200	--	--	--	1.4	1.6
Naphthalene	mg/kg	1,000	450	560	--	--	--	< 0.25	< 0.23
Phenanthrene	mg/kg	130,000	450,000	1,000,000	--	--	--	2.9	4.4
Pyrene	mg/kg	13,000	45,000	390,000	--	--	--	4.2	4.9
Volatile Organic Compounds (VOCs)									
No VOCs detected above laboratory detection limits.									

Italics - Supplemental Criteria

SCGDSS - Single chemical generic direct contact soil standard.
Bold - Exceeds Standard

Table 2
Derivation of Recreational Standard for Lead
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Time-Weighted Concentration Using 550 mg/kg

Exposure Scenario	PbS* (mg/kg)	PbD** (mg/kg)	GM PbB (ug/dl)	P10 %
0 site visits per week	200	150	2.7	0.3
1 site visit per week	250	185	3.2	0.7
2 site visits per week	300	220	3.6	1.5
3 site visits per week	350	255	4.1	2.7
4 site visits per week	400	290	4.5	4.3

* PbS - weighted soil lead concentration; residential assumed 200 mg/kg, park 550 mg/kg
** PbD - concentration of lead in indoor dusts attributable to outdoor soil lead concentrations
GM- PbB - geometric mean blood lead concentration
P10 % - percent of children likely to have a BLL - should not exceed 5-percent

Table 3
VAP Human Health Risk Assessment
Single Chemical Generic Direct Contact Soil Standard
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Chemical of Concern	Single-Chemical Noncarcinogenic Endpoint (mg/kg)	Single-Chemical Carcinogenic Endpoint (mg/kg)	Soil Saturation Concentration (mg/kg)	Single-Chemical Direct Contact Standard for Recreational Land Use (mg/kg)
Arsenic	266.20	47.64	NA	47.00
Cadmium	603.47	149,879.33	NA	600.00
Lead	NA	NA	NA	550.00
1-Methylnaphthalene	31,219.45	1,713.12	NA	1,700.00
2-Methylnaphthalene	1,783.97	NA	NA	1,800.00
Acenaphthene	26,759.53	NA	NA	26,000.00
Acenaphthylene	36,500.00	NA	NA	36,500.00
Anthracene	133,797.65	NA	NA	130,000.00
Benzo(a)anthracene	NA	48.12	NA	48.00
Benzo(a)pyrene	NA	4.82	NA	4.80
Benzo(b)fluoranthene	NA	48.24	NA	48.00
Benzo(g,h,i)perylene	18,250.00	NA	NA	18,000.00
Benzo(k)fluoranthene	NA	480.98	NA	480.00
Carbazole	NA	1,887.99	NA	1,900.00
Chrysene	NA	4,774.50	NA	4,800.00
Dibenz(a,h)anthracene	NA	4.82	NA	4.80
Dibenzofuran	608.33	NA	NA	600.00
Fluoranthene	17,839.69	NA	NA	18,000.00
Fluorene	17,839.69	NA	NA	18,000.00
Indeno(1,2,3-c,d)pyrene	NA	48.24	NA	48.00
Naphthalene	3,050.02	1,060.26	NA	1,000.00
Phenanthrene	133,797.65	NA	NA	130,000.00
Pyrene	13,379.77	NA	NA	13,000.00

ATTACHMENT 1

BORING LOG SHEETS

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-1**

Total Depth 4 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 8:26 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 8:27 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.1) Grass, roots, twigs.	0-4 ft		3.5 ft.	17.8
				(0.1-0.2) Topsoil, dry.				
				(0.2-2.0) Dark brown silty SAND (SM), trace white paper, trace yellow brown to				
2				orange brick fragments, trace black slag, trace fine gravel, trace clay, dry, weak,				
				soft (FILL), trace glass.				1.0
				(2.0-4.0) SAA (FILL), brown silty clay (ML), few black slag, trace sand, trace				
				fine gravel, trace black cinders, trace orange brick fragments.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-2**

Total Depth 4 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 8:37	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 8:38	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:
Driller's Name:	Densil and Brian Wright		
Sampling Methods:	Soil probe		
Drill Rig Type:	AMS Power probe 9630		
X / Y Coordinates:	North: East:		
Casing Type and Diameter:			
Hammer Weight:	Drop:		
Location Description:			

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Date	Time	Depth to Water	Notes

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.2) Brown TOPSOIL with grass roots, dry, crumbles	0-4 ft		3.4 ft.	0.0
				(0.2-2.0) Brown silty SAND (SM)with some black cinders/slag, trace gravel,				
				trace orange brick fragments (FILL), dry, weak, trace clay, trace green and white glass.				
2								
				(2.0-2.4) SAA (FILL).				0.0
				(2.4-4.0) SAA (FILL), brown silty CLAY (ML), with trace black slag, trace orange				
				brick fragments, trace white glass, dry, hard.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-3**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 8:55 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 8:56 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-2.0) Gray brown silty SAND (SM)with few cinders, trace slag, trace gravel, trace white /clear glass, dry, weak.	0-2 ft		1.3 ft.	0.0
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-4**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 9:04	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 9:05	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:
Driller's Name:	Densil and Brian Wright		
Sampling Methods:	Soil probe		
Drill Rig Type:	AMS Power probe 9630		
X / Y Coordinates:	North:	East:	
Casing Type and Diameter:			
Hammer Weight:	Drop:		
Location Description:			

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Date	Time	Depth to Water	Notes

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-2.0) Brown SAND (FILL), dry, weak, fine trace gravel, yellow brick, silt, trace orange glass, little silt.	0-2 ft		1.7 ft.	0.0
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-5**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 9:14 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 9:15 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe	Date	Time	Depth to Water	Notes
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.7) Gray gravelly SAND (SW), few black staining, fine sand, fine to coarse gravel, trace clay (FILL), dry, weak.	0-2 ft		1.9 ft.	0.0
2				(1.7-2.0) Very dark brown gray to black silty CLAY (ML) with black slag, trace gravel, trace glass, few fine sand.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-6**

Total Depth 4 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 9:50 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 9:51 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.5) Brown TOPSOIL, dry weak, trace grass roots	0-4 ft		3.3 ft.	0.0
				(0.5-1.2) Brown SAND (FILL), few gravel, trace slag, dry, loose.				
				(1.2-3.0) Dark brown silty CLAY (ML), slightly moist, firm, few black slag, trace				
2				cinders, trace red to orange brick, trace gravel, trace white glass, trace white plastic.				
				(3.0-3.2) SAA				
4				(3.2-3.5) Brown gravelly SAND (FILL), dry weak, poorly sorted, fine to coarse.				
				(3.5-4.0) Brown slag and sand (FILL), compact, very moist. Poorly sorted, mostly				
				slag, trace black colored slag, trace gravel, trace cinders, trace white plastic.				
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-7**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 9:55 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 9:56 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright
Sampling Methods:	Soil probe
Drill Rig Type:	AMS Power probe 9630
X / Y Coordinates:	North: East:
Casing Type and Diameter:	
Hammer Weight:	Drop:
Location Description:	

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.2) Brown TOPSOIL with fine gravel (FILL), dry, weak, few fine sand grass roots.	0-2 ft		1.5 ft.	0.0
2				(0.2-2.0) Dark brown to black sandy CLAY (SC) with black slag and cinders, trace gravel, trace white glass, trace orange, slightly moist, trace silt.				
4								
6								
8								
10								
12								
14								
16								

Date	Time	Depth to Water	Notes

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-8**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:00 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:01 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.4) Brown gray sand and gravel FILL, dry, loose, poorly sorted, fine to very coarse sand, fine to coarse gravel.	0-2 ft		1.2 ft.	0.0
2				(0.4-2.0) Dark brown silty clay (FILL), slightly moist, hard, trace black slag/cinders, trace gravel, trace fine sand, trace white glass, trace orange brick.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-9**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:05 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:06 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright
Sampling Methods:	Soil probe
Drill Rig Type:	AMS Power probe 9630
X / Y Coordinates:	North: East:
Casing Type and Diameter:	
Hammer Weight:	Drop:
Location Description:	

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)	Date	Time	Depth to Water	Notes
0	Stick-up =			(0.0-0.2) Gray coarse gravel, trace sand (FILL), dry, loose	0-2 ft		2.0 ft.	0.0				
				(0.2-1.0) Brown sandy, silty, CLAY (FILL), dry, hard, few very coarse sand, trace								
				shale fragments, trace gravel.								
2				(1.0-1.7) Brown gravelly SAND (FILL), dry, loose, poorly sorted.								
				(1.7-2.0) Dark brown sandy silty CLAY (FILL), dry, soft, some black cinders/slag.								
4												
6												
8												
10												
12												
14												
16												

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-10**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:10 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:11 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe	Date	Time	Depth to Water	Notes
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.7) Brown sandy GRAVEL (FILL), dry, loose, poorly sorted, cine to very coarse, coarse gravel	0-2 ft		1.7 ft.	0.0
2				(0.7-2.0) Dark brown sandy slag with few clay (FILL), dry, weak, trace orange glass.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-11**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:20	Date:	8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:21	Date:	8/9/2016
Logged By:	M. Akins	Start Installation:	Time:	Date:	
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time:	Date:	

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North:	East:			
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.4) Brown sand and gravel with silt (FILL), dry, loose	0-2 ft			0.0
				(0.4-2.0) Brown silty CLAY (FILL), dry, hard, few black staining, trace gravel,				
				trace sand, trace roots.				
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-12**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:30 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:31 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-2.0) Brown, dark brown SAND (FILL), trace plastic, trace gravel, trace orange brick, fine to coarse sand, trace slag.	0-2 ft		2.0 ft.	0.0
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-13**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 10:50 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 10:51 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright					
Sampling Methods:	Soil probe	Date	Time	Depth to Water	Notes	
Drill Rig Type:	AMS Power probe 9630					
X / Y Coordinates:	North:	East:				
Casing Type and Diameter:						
Hammer Weight:	Drop:					
Location Description:						

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-2.0) Dark brown to black sand and cinders with slag (FILL), trace white glass, trace gravel, trace brown glass.	0-2 ft		1.5 ft.	0.0
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-14**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 12:03 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 12:04 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.2) Brown gray sand (FILL), dry, loose, well sorted, very fine, trace gravel, trace wood, trace white/clear glass.	0-2 ft		1.7 ft.	0.0
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-15**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 12:12 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 12:13 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright
Sampling Methods:	Soil probe
Drill Rig Type:	AMS Power probe 9630
X / Y Coordinates:	North: East:
Casing Type and Diameter:	
Hammer Weight:	Drop:
Location Description:	

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.3) Brown sand and gravel (FILL), dry, loose, very fine sand, coarse gravel.	0-2 ft		1.3 ft.	0.0
				(0.3-0.6) Dark brown to black slag, sand, and clay (FILL), moist, very soft/loose.				
				(0.6-2.0) Very dark brown silty clay (FILL), slightly moist, hard, few cinders/slag,				
2				trace gravel, wood piece at end of show, trace red brick.				
4								
6								
8								
10								
12								
14								
16								

Date	Time	Depth to Water	Notes

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-16**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 12:35 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 12:36 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.3) Brown sand and gravel with wilt (FILL), dry, loose.	0-2 ft		2.0 ft.	0.0
				(0.3-0.6) Brown silty CLAY (CL) moist, very soft, low plasticity, trace sand and gravel.				
2				(0.6-2.0) SAA (CL) with few fine sand, dry, crumbles.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-17**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 12:48 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 12:49 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.1) Brown silty sandy TOPSOIL with trace black cinders at 0.7' (FILL).	0-2 ft		1.9 ft.	0.0
2				(1.1-2.0) Yellow brown silty CLAY (CL), dry, very hard, trace sand, trace gravel, trace limestone rock fragment.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-18**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 12:57	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 12:58	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:
Driller's Name:	Densil and Brian Wright		
Sampling Methods:	Soil probe		
Drill Rig Type:	AMS Power probe 9630		
X / Y Coordinates:	North: East:		
Casing Type and Diameter:			
Hammer Weight:	Drop:		
Location Description:			

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Date	Time	Depth to Water	Notes

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.6) Brown silty sand (FILL), dry, loose, very fine sand, trace gravel.	0-2 ft		1.8 ft.	0.0
				(0.6-2.0) Yellow brown silty CLAY (CL)dry, hard, low plasticity, trace sand, trace gravel.				
2								
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-19**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 1:07 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 1:08 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.3) Very dark brown silty sand (FILL), dry, weak, trace wood chips, trace grass roots.	0-2 ft		1.8 ft.	0.0
2				(0.3-1.7) Very dark gray silty clay (FILL), dry, hard, trace sand, trace gravel, trace roots.				
4				(1.7-2.0) Black and orange brown slag/cinders (FILL) with few fine sand, dry, loose.				
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-20**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 1:37	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 1:38	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe	Date	Time	Depth to Water	Notes
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.7) Brown sandy silty clay (FILL), dry, no plasticity, some very fine sand, trace gravel, trace roots.	0-2 ft		1.8 ft.	0.0
2				(1.7-2.0) Orange brown sandy cinders/slag (FILL) dry, loose, some black staining.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-21**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 1:45	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 1:46	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.4) Yellow brown silty clay (FILL), slightly moist, soft, low plasticity, trace sand, trace gravel.	0-2 ft		1.5 ft.	0.0
2				(1.4-2.0) Black cinders and slag (FILL), slightly moist, very soft, trace clay, trace sand, trace gravel.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-22**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 1:48	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 1:49	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.7) Brown silty sand (FILL), dry, loose, very fine, little silt, trace gravel.	0-2 ft		2.0 ft.	0.0
2				(1.7-2.0) Dark gray sand (FILL), dry, loose, some crushed slag/cinders, trace clear glass.				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-23**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 1:56 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 1:57 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright
Sampling Methods:	Soil probe
Drill Rig Type:	AMS Power probe 9630
X / Y Coordinates:	North: East:
Casing Type and Diameter:	
Hammer Weight:	Drop:
Location Description:	

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations: Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-1.8) Brown silty sandy TOPSOIL, dry, loose, trace roots.	0-2 ft		1.8 ft.	0.0
2				(1.8-2.0) Brown silty CLAY (CL), slightly moist, hard, trace sand and gravel.				
4								
6								
8								
10								
12								
14								
16								

Date	Time	Depth to Water	Notes

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-24**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling:	Time: 2:00 Date: 8/9/2016
Project No.:	55064	Complete Drilling:	Time: 2:01 Date: 8/9/2016
Logged By:	M. Akins	Start Installation:	Time: Date:
Drilling Contractor:	Wright's Drilling	Complete Installation:	Time: Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe	Date	Time	Depth to Water	Notes
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.5) Brown sandy silty CLAY (FILL), dry, firm, trace roots, trace cine gravel.	0-2 ft		1.8 ft.	0.0
				(0.4-1.4) Dark brown sandy silty clay (FILL), dry, hard, little sand, trace gravel, trace plastic, trace cinders.				
2				(1.4-2.0) Very dark brown and black silty CLAY (CL), moist, very soft, low plasticity, trace organics (wood/roots).				
4								
6								
8								
10								
12								
14								
16								

LOCATION SKETCH

(NOT TO SCALE)

WELL NO. **SB-25**

Total Depth 2 feet

Sheet 1 of 1

BURGESS & NIPLE

Project:	**Sheridan Avenue Property - Bexley, Ohio**	Start Drilling: Time: 2:05	Date: 8/9/2016
Project No.:	55064	Complete Drilling: Time: 2:06	Date: 8/9/2016
Logged By:	M. Akins	Start Installation: Time:	Date:
Drilling Contractor:	Wright's Drilling	Complete Installation: Time:	Date:

Ground Surface Elevation:

Top of Casing Elevation:

Elevation Units: feet above mean sea level

		Date	Time	Depth to Water	Notes
Driller's Name:	Densil and Brian Wright				
Sampling Methods:	Soil probe				
Drill Rig Type:	AMS Power probe 9630				
X / Y Coordinates:	North: East:				
Casing Type and Diameter:					
Hammer Weight:	Drop:				
Location Description:					

Depth in Feet	Well Installation Notes	Well / Boring Description	General Geologic Log	Sample Description	Drilling Observations Interval	Blow Counts	Recovery	Field Screening (ppm)
0	Stick-up =			(0.0-0.4) Brown sandy TOPSOIL (FILL), dry, loose, trace roots.	0-2 ft		2.0 ft.	0.0
				(0.4-2.0) Dark brown silty clay (FILL), slightly moist, hard, low plasticity, trace sand, trace gravel, trace black staining with cinders and slag.				
2								
4								
6								
8								
10								
12								
14								
16								

ATTACHMENT 2

LABORATORY ANALYTICAL REPORTS

18-Aug-2016

Julie Carpenter
Burgess & Niple Environmental, Inc.
5085 Reed Rd.
Columbus, OH 43220

Tel: 614-459-2050
Fax: (614) 459-1385

Re: Sheridan Ave. Property - Bexley, Ohio Work Order: **1608457**

Dear Julie,

ALS Environmental received 25 samples on 11-Aug-2016 01:18 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 67.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Chris Gibson

Electronically approved by: Chris Gibson

Chris Gibson
Project Manager

ALS Environmental

Date: 18-Aug-16

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: **1608457**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1608457-01	SB-1 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-02	SB-2 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-03	SB-3 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-04	SB-4 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-05	SB-5 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-05	SB-5 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-06	SB-6 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-06	SB-6 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-07	SB-7 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-08	SB-8 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-09	SB-9 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-10	SB-10 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-10	SB-10 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-11	SB-11 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-12	SB-12 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-13	SB-13 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-13	SB-13 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-14	SB-14 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-15	SB-15 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-15	SB-15 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-16	SB-16 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-17	SB-17 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-18	SB-18 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-19	SB-19 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-20	SB-20 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-20	SB-20 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-21	SB-21 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-22	SB-22 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-23	SB-23 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-24	SB-24 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-24	SB-24 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-25	SB-25 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐
1608457-25	SB-25 (0-2)	Soil		8/9/2016	8/11/2016 13:18	☐

ALS Environmental

Date: 18-Aug-16

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

Batch 37713, Method 8270_PAH_S, Sample 1608457-22ams: Select matrix spike compounds are outside of quality control limits due to the sample matrix.

Batch 37713, Method 8270_PAH_S, Sample 1608457-22amsd: Select matrix spike compounds are outside of quality control limits due to the sample matrix.

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-1 (0-2)
Lab ID: 1608457-01
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**19**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**30**		**6.1**	**mg/Kg-dry**	1	8/15/2016 02:09 PM
Cadmium	**5.6**		**1.2**	**mg/Kg-dry**	1	8/15/2016 02:09 PM
Lead	**1,000**		**6.1**	**mg/Kg-dry**	1	8/15/2016 02:09 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/15/2016**	Analyst: **MRJ**
1-Methylnaphthalene	**0.45**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
2-Methylnaphthalene	**0.44**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Acenaphthene	**0.46**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Acenaphthylene	**0.56**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Anthracene	**1.5**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Benzo(a)anthracene	**3.5**		**0.12**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Benzo(a)pyrene	**3.3**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Benzo(b)fluoranthene	**3.3**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Benzo(g,h,i)perylene	**1.8**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Benzo(k)fluoranthene	**2.5**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Carbazole	**0.66**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Chrysene	**3.5**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Dibenzo(a,h)anthracene	**0.55**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Dibenzofuran	**0.56**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Fluoranthene	**8.5**		**1.2**	**mg/Kg-dry**	5	8/16/2016 03:50 PM
Fluorene	**0.78**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Indeno(1,2,3-cd)pyrene	**2.1**		**0.12**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Naphthalene	**0.51**		**0.25**	**mg/Kg-dry**	1	8/15/2016 06:51 PM
Phenanthrene	**7.0**		**1.2**	**mg/Kg-dry**	5	8/16/2016 03:50 PM
Pyrene	**7.3**		**1.2**	**mg/Kg-dry**	5	8/16/2016 03:50 PM
Surr: 2-Fluorobiphenyl	*70.3*		*30-116*	*%REC*	1	8/15/2016 06:51 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1,1-Trichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1,2,2-Tetrachloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1,2-Trichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1-Dichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,1-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2,3-Trichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2,3-Trichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-1 (0-2)
Lab ID: 1608457-01
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2,4-Trimethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2-Dibromo-3-chloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2-Dibromoethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2-Dichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,2-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,3,5-Trimethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,3-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,3-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
1,4-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
2,2-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
2-Butanone	ND		0.062	mg/Kg-dry	1	8/16/2016 06:35 PM
2-Chlorotoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
2-Hexanone	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
4-Chlorotoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
4-Methyl-2-pentanone	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Acetone	ND		0.062	mg/Kg-dry	1	8/16/2016 06:35 PM
Benzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Bromobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Bromochloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Bromodichloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Bromoform	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Bromomethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Carbon disulfide	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Carbon tetrachloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Chlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Chloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Chloroform	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Chloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
cis-1,2-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
cis-1,3-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Dibromochloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Dibromomethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Dichlorodifluoromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Ethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Hexachlorobutadiene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Isopropylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
m,p-Xylene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Methyl tert-butyl ether	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-1 (0-2)
Lab ID: 1608457-01
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Naphthalene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
n-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
n-Propylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
o-Xylene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
p-Isopropyltoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
sec-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Styrene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
tert-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Tetrachloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Toluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
trans-1,2-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
trans-1,3-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Trichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Trichlorofluoromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Vinyl chloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 06:35 PM
Xylenes, Total	ND		0.012	mg/Kg-dry	1	8/16/2016 06:35 PM
Surr: 4-Bromofluorobenzene	*106*		*62.7-159*	*%REC*	1	8/16/2016 06:35 PM
Surr: Dibromofluoromethane	*92.7*		*67.3-136*	*%REC*	1	8/16/2016 06:35 PM
Surr: Toluene-d8	*97.9*		*83-124*	*%REC*	1	8/16/2016 06:35 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-2 (0-2)
Lab ID: 1608457-02
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**17**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**22**		**6.0**	**mg/Kg-dry**	1	8/15/2016 02:12 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 02:12 PM
Lead	**99**		**6.0**	**mg/Kg-dry**	1	8/15/2016 02:12 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-3 (0-2)
Lab ID: 1608457-03
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**11**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**33**		**5.6**	**mg/Kg-dry**	1	8/15/2016 02:15 PM
Cadmium	**7.6**		**1.1**	**mg/Kg-dry**	1	8/15/2016 02:15 PM
Lead	**930**		**5.6**	**mg/Kg-dry**	1	8/15/2016 02:15 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-4 (0-2)
Lab ID: 1608457-04
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**9.0**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**23**		**5.3**	**mg/Kg-dry**	1	8/15/2016 02:18 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 02:18 PM
Lead	**420**		**5.3**	**mg/Kg-dry**	1	8/15/2016 02:18 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-5 (0-2)
Lab ID: 1608457-05
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**11**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**13**		**5.5**	**mg/Kg-dry**	1	8/15/2016 02:32 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 02:32 PM
Lead	**140**		**5.5**	**mg/Kg-dry**	1	8/15/2016 02:32 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/15/2016**	Analyst: **MRJ**
1-Methylnaphthalene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
2-Methylnaphthalene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Acenaphthene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Acenaphthylene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Anthracene	**0.33**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Benzo(a)anthracene	**1.1**		**0.11**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Benzo(a)pyrene	**1.1**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Benzo(b)fluoranthene	**1.2**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Benzo(g,h,i)perylene	**0.65**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Benzo(k)fluoranthene	**0.87**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Carbazole	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Chrysene	**1.3**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Dibenzo(a,h)anthracene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Dibenzofuran	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Fluoranthene	**2.7**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Fluorene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Indeno(1,2,3-cd)pyrene	**0.77**		**0.11**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Naphthalene	ND		0.22	mg/Kg-dry	1	8/15/2016 08:44 PM
Phenanthrene	**1.4**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Pyrene	**2.3**		**0.22**	**mg/Kg-dry**	1	8/15/2016 08:44 PM
Surr: 2-Fluorobiphenyl	*77.9*		*30-116*	*%REC*	1	8/15/2016 08:44 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1,1-Trichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1,2,2-Tetrachloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1,2-Trichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1-Dichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,1-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2,3-Trichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2,3-Trichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-5 (0-2)
Lab ID: 1608457-05
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2,4-Trimethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2-Dibromo-3-chloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2-Dibromoethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2-Dichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,2-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,3,5-Trimethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,3-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,3-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
1,4-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
2,2-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
2-Butanone	ND		0.056	mg/Kg-dry	1	8/16/2016 07:06 PM
2-Chlorotoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
2-Hexanone	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
4-Chlorotoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
4-Methyl-2-pentanone	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Acetone	ND		0.056	mg/Kg-dry	1	8/16/2016 07:06 PM
Benzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Bromobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Bromochloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Bromodichloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Bromoform	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Bromomethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Carbon disulfide	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Carbon tetrachloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Chlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Chloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Chloroform	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Chloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
cis-1,2-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
cis-1,3-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Dibromochloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Dibromomethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Dichlorodifluoromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Ethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Hexachlorobutadiene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Isopropylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
m,p-Xylene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Methyl tert-butyl ether	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-5 (0-2)
Lab ID: 1608457-05
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Naphthalene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
n-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
n-Propylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
o-Xylene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
p-Isopropyltoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
sec-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Styrene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
tert-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Tetrachloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Toluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
trans-1,2-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
trans-1,3-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Trichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Trichlorofluoromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Vinyl chloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 07:06 PM
Xylenes, Total	ND		0.011	mg/Kg-dry	1	8/16/2016 07:06 PM
Surr: 4-Bromofluorobenzene	*109*		*62.7-159*	*%REC*	1	8/16/2016 07:06 PM
Surr: Dibromofluoromethane	*93.4*		*67.3-136*	*%REC*	1	8/16/2016 07:06 PM
Surr: Toluene-d8	*101*		*83-124*	*%REC*	1	8/16/2016 07:06 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-6 (0-2)
Lab ID: 1608457-06
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**21**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**23**		**6.2**	**mg/Kg-dry**	1	8/15/2016 02:35 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 02:35 PM
Lead	**680**		**6.2**	**mg/Kg-dry**	1	8/15/2016 02:35 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/15/2016**	Analyst: **JCL**
1-Methylnaphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 05:44 PM
2-Methylnaphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 05:44 PM
Acenaphthene	**0.64**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Acenaphthylene	**0.34**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Anthracene	**2.8**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Benzo(a)anthracene	**5.3**		**0.63**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Benzo(a)pyrene	**4.9**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Benzo(b)fluoranthene	**5.3**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Benzo(g,h,i)perylene	**2.4**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Benzo(k)fluoranthene	**4.8**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Carbazole	**0.72**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Chrysene	**5.3**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Dibenzo(a,h)anthracene	**0.87**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Dibenzofuran	**0.50**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Fluoranthene	**13**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Fluorene	**0.86**		**0.25**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Indeno(1,2,3-cd)pyrene	**3.1**		**0.13**	**mg/Kg-dry**	1	8/16/2016 05:44 PM
Naphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 05:44 PM
Phenanthrene	**7.7**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Pyrene	**10**		**1.3**	**mg/Kg-dry**	5	8/17/2016 12:38 PM
Surr: 2-Fluorobiphenyl	*72.3*		*30-116*	*%REC*	1	8/16/2016 05:44 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1,1-Trichloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1,2,2-Tetrachloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1,2-Trichloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1-Dichloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1-Dichloroethene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,1-Dichloropropene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2,3-Trichlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2,3-Trichloropropane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-6 (0-2)
Lab ID: 1608457-06
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2,4-Trimethylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2-Dibromo-3-chloropropane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2-Dibromoethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2-Dichlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2-Dichloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,2-Dichloropropane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,3,5-Trimethylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,3-Dichlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,3-Dichloropropane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
1,4-Dichlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
2,2-Dichloropropane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
2-Butanone	ND		0.063	mg/Kg-dry	1	8/16/2016 07:36 PM
2-Chlorotoluene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
2-Hexanone	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
4-Chlorotoluene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
4-Methyl-2-pentanone	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Acetone	ND		0.063	mg/Kg-dry	1	8/16/2016 07:36 PM
Benzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Bromobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Bromochloromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Bromodichloromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Bromoform	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Bromomethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Carbon disulfide	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Carbon tetrachloride	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Chlorobenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Chloroethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Chloroform	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Chloromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
cis-1,2-Dichloroethene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
cis-1,3-Dichloropropene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Dibromochloromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Dibromomethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Dichlorodifluoromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Ethylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Hexachlorobutadiene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Isopropylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
m,p-Xylene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Methyl tert-butyl ether	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-6 (0-2)
Lab ID: 1608457-06
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Naphthalene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
n-Butylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
n-Propylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
o-Xylene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
p-Isopropyltoluene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
sec-Butylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Styrene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
tert-Butylbenzene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Tetrachloroethene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Toluene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
trans-1,2-Dichloroethene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
trans-1,3-Dichloropropene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Trichloroethene	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Trichlorofluoromethane	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Vinyl chloride	ND		0.0063	mg/Kg-dry	1	8/16/2016 07:36 PM
Xylenes, Total	ND		0.013	mg/Kg-dry	1	8/16/2016 07:36 PM
Surr: 4-Bromofluorobenzene	*111*		*62.7-159*	*%REC*	1	8/16/2016 07:36 PM
Surr: Dibromofluoromethane	*98.5*		*67.3-136*	*%REC*	1	8/16/2016 07:36 PM
Surr: Toluene-d8	*103*		*83-124*	*%REC*	1	8/16/2016 07:36 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-7 (0-2)
Lab ID: 1608457-07
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**15**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**28**		**5.8**	**mg/Kg-dry**	1	8/15/2016 02:38 PM
Cadmium	**1.4**		**1.2**	**mg/Kg-dry**	1	8/15/2016 02:38 PM
Lead	**350**		**5.8**	**mg/Kg-dry**	1	8/15/2016 02:38 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-8 (0-2)
Lab ID: 1608457-08
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**19**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**16**		**6.1**	**mg/Kg-dry**	1	8/15/2016 02:41 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 02:41 PM
Lead	**94**		**6.1**	**mg/Kg-dry**	1	8/15/2016 02:41 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client:	Burgess & Niple Environmental, Inc.		
Project:	Sheridan Ave. Property - Bexley, Ohio	**Work Order:**	1608457
Sample ID:	SB-9 (0-2)	**Lab ID:**	1608457-09
Collection Date:	8/9/2016	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**17**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**26**		**5.9**	**mg/Kg-dry**	1	8/15/2016 02:44 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 02:44 PM
Lead	**75**		**5.9**	**mg/Kg-dry**	1	8/15/2016 02:44 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-10 (0-2)
Lab ID: 1608457-10
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**16**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**35**		**5.9**	**mg/Kg-dry**	1	8/15/2016 02:47 PM
Cadmium	**3.3**		**1.2**	**mg/Kg-dry**	1	8/15/2016 02:47 PM
Lead	**2,900**		**5.9**	**mg/Kg-dry**	1	8/15/2016 02:47 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/15/2016**	Analyst: **JCL**
1-Methylnaphthalene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
2-Methylnaphthalene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Acenaphthene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Acenaphthylene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Anthracene	**0.33**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Benzo(a)anthracene	**1.2**		**0.12**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Benzo(a)pyrene	**1.3**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Benzo(b)fluoranthene	**1.3**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Benzo(g,h,i)perylene	**1.1**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Benzo(k)fluoranthene	**1.0**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Carbazole	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Chrysene	**1.3**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Dibenzo(a,h)anthracene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Dibenzofuran	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Fluoranthene	**2.9**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Fluorene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Indeno(1,2,3-cd)pyrene	**0.88**		**0.12**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Naphthalene	ND		0.24	mg/Kg-dry	1	8/16/2016 01:57 PM
Phenanthrene	**1.5**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Pyrene	**2.1**		**0.24**	**mg/Kg-dry**	1	8/16/2016 01:57 PM
Surr: 2-Fluorobiphenyl	*55.1*		*30-116*	*%REC*	1	8/16/2016 01:57 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1,1-Trichloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1,2,2-Tetrachloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1,2-Trichloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1-Dichloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1-Dichloroethene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,1-Dichloropropene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2,3-Trichlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2,3-Trichloropropane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-10 (0-2)
Lab ID: 1608457-10
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2,4-Trimethylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2-Dibromo-3-chloropropane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2-Dibromoethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2-Dichlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2-Dichloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,2-Dichloropropane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,3,5-Trimethylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,3-Dichlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,3-Dichloropropane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
1,4-Dichlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
2,2-Dichloropropane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
2-Butanone	ND		0.060	mg/Kg-dry	1	8/16/2016 07:37 AM
2-Chlorotoluene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
2-Hexanone	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
4-Chlorotoluene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
4-Methyl-2-pentanone	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Acetone	ND		0.060	mg/Kg-dry	1	8/16/2016 07:37 AM
Benzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Bromobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Bromochloromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Bromodichloromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Bromoform	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Bromomethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Carbon disulfide	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Carbon tetrachloride	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Chlorobenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Chloroethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Chloroform	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Chloromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
cis-1,2-Dichloroethene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
cis-1,3-Dichloropropene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Dibromochloromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Dibromomethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Dichlorodifluoromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Ethylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Hexachlorobutadiene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Isopropylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
m,p-Xylene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Methyl tert-butyl ether	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-10 (0-2)
Lab ID: 1608457-10
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Naphthalene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
n-Butylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
n-Propylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
o-Xylene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
p-Isopropyltoluene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
sec-Butylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Styrene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
tert-Butylbenzene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Tetrachloroethene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Toluene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
trans-1,2-Dichloroethene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
trans-1,3-Dichloropropene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Trichloroethene	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Trichlorofluoromethane	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Vinyl chloride	ND		0.0060	mg/Kg-dry	1	8/16/2016 07:37 AM
Xylenes, Total	ND		0.012	mg/Kg-dry	1	8/16/2016 07:37 AM
Surr: 4-Bromofluorobenzene	*121*		*62.7-159*	*%REC*	1	8/16/2016 07:37 AM
Surr: Dibromofluoromethane	*109*		*67.3-136*	*%REC*	1	8/16/2016 07:37 AM
Surr: Toluene-d8	*103*		*83-124*	*%REC*	1	8/16/2016 07:37 AM

Note:

ALS Environmental

Date: *18-Aug-16*

Client:	Burgess & Niple Environmental, Inc.		
Project:	Sheridan Ave. Property - Bexley, Ohio	**Work Order:**	1608457
Sample ID:	SB-11 (0-2)	**Lab ID:**	1608457-11
Collection Date:	8/9/2016	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**9.8**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**15**		**5.4**	**mg/Kg-dry**	1	8/15/2016 02:51 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 02:51 PM
Lead	**21**		**5.4**	**mg/Kg-dry**	1	8/15/2016 02:51 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-12 (0-2)
Lab ID: 1608457-12
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**9.0**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**33**		**5.4**	**mg/Kg-dry**	1	8/15/2016 02:54 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 02:54 PM
Lead	**420**		**5.4**	**mg/Kg-dry**	1	8/15/2016 02:54 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-13 (0-2)
Lab ID: 1608457-13
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**19**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**24**		**6.2**	**mg/Kg-dry**	1	8/15/2016 02:57 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 02:57 PM
Lead	**470**		**6.2**	**mg/Kg-dry**	1	8/15/2016 02:57 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/15/2016**	Analyst: **JCL**
1-Methylnaphthalene	**0.38**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
2-Methylnaphthalene	**0.35**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Acenaphthene	**0.53**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Acenaphthylene	ND		0.25	mg/Kg-dry	1	8/16/2016 03:22 PM
Anthracene	**1.0**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Benzo(a)anthracene	**2.4**		**0.12**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Benzo(a)pyrene	**2.5**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Benzo(b)fluoranthene	**2.8**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Benzo(g,h,i)perylene	**1.3**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Benzo(k)fluoranthene	**1.8**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Carbazole	**0.54**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Chrysene	**3.1**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Dibenzo(a,h)anthracene	**0.33**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Dibenzofuran	**0.41**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Fluoranthene	**7.5**		**1.2**	**mg/Kg-dry**	5	8/17/2016 01:33 PM
Fluorene	**0.44**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Indeno(1,2,3-cd)pyrene	**1.6**		**0.12**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Naphthalene	**0.42**		**0.25**	**mg/Kg-dry**	1	8/16/2016 03:22 PM
Phenanthrene	**5.5**		**1.2**	**mg/Kg-dry**	5	8/17/2016 01:33 PM
Pyrene	**6.0**		**1.2**	**mg/Kg-dry**	5	8/17/2016 01:33 PM
Surr: 2-Fluorobiphenyl	*59.6*		*30-116*	*%REC*	1	8/16/2016 03:22 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1,1-Trichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1,2,2-Tetrachloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1,2-Trichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1-Dichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,1-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2,3-Trichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2,3-Trichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-13 (0-2)
Lab ID: 1608457-13
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2,4-Trimethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2-Dibromo-3-chloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2-Dibromoethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2-Dichloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,2-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,3,5-Trimethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,3-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,3-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
1,4-Dichlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
2,2-Dichloropropane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
2-Butanone	ND		0.062	mg/Kg-dry	1	8/16/2016 04:01 PM
2-Chlorotoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
2-Hexanone	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
4-Chlorotoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
4-Methyl-2-pentanone	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Acetone	ND		0.062	mg/Kg-dry	1	8/16/2016 04:01 PM
Benzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Bromobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Bromochloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Bromodichloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Bromoform	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Bromomethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Carbon disulfide	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Carbon tetrachloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Chlorobenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Chloroethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Chloroform	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Chloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
cis-1,2-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
cis-1,3-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Dibromochloromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Dibromomethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Dichlorodifluoromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Ethylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Hexachlorobutadiene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Isopropylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
m,p-Xylene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Methyl tert-butyl ether	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-13 (0-2)
Lab ID: 1608457-13
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Naphthalene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
n-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
n-Propylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
o-Xylene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
p-Isopropyltoluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
sec-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Styrene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
tert-Butylbenzene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Tetrachloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Toluene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
trans-1,2-Dichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
trans-1,3-Dichloropropene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Trichloroethene	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Trichlorofluoromethane	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Vinyl chloride	ND		0.0062	mg/Kg-dry	1	8/16/2016 04:01 PM
Xylenes, Total	ND		0.012	mg/Kg-dry	1	8/16/2016 04:01 PM
Surr: 4-Bromofluorobenzene	*109*		*62.7-159*	*%REC*	1	8/16/2016 04:01 PM
Surr: Dibromofluoromethane	*87.9*		*67.3-136*	*%REC*	1	8/16/2016 04:01 PM
Surr: Toluene-d8	*99.2*		*83-124*	*%REC*	1	8/16/2016 04:01 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-14 (0-2)
Lab ID: 1608457-14
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**7.8**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**31**		**5.4**	**mg/Kg-dry**	1	8/15/2016 03:00 PM
Cadmium	**1.3**		**1.1**	**mg/Kg-dry**	1	8/15/2016 03:00 PM
Lead	**1,400**		**5.4**	**mg/Kg-dry**	1	8/15/2016 03:00 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-15 (0-2)
Lab ID: 1608457-15
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**26**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**17**		**6.7**	**mg/Kg-dry**	1	8/15/2016 03:09 PM
Cadmium	ND		1.3	mg/Kg-dry	1	8/15/2016 03:09 PM
Lead	**98**		**6.7**	**mg/Kg-dry**	1	8/15/2016 03:09 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/16/2016**	Analyst: **JCL**
1-Methylnaphthalene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
2-Methylnaphthalene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Acenaphthene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Acenaphthylene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Anthracene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Benzo(a)anthracene	**0.61**		**0.13**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Benzo(a)pyrene	**0.58**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Benzo(b)fluoranthene	**0.62**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Benzo(g,h,i)perylene	**0.36**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Benzo(k)fluoranthene	**0.49**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Carbazole	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Chrysene	**0.65**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Dibenzo(a,h)anthracene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Dibenzofuran	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Fluoranthene	**1.2**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Fluorene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Indeno(1,2,3-cd)pyrene	**0.38**		**0.13**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Naphthalene	ND		0.27	mg/Kg-dry	1	8/16/2016 06:40 PM
Phenanthrene	**0.51**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Pyrene	**1.0**		**0.27**	**mg/Kg-dry**	1	8/16/2016 06:40 PM
Surr: 2-Fluorobiphenyl	*64.8*		*30-116*	*%REC*	1	8/16/2016 06:40 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1,1-Trichloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1,2,2-Tetrachloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1,2-Trichloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1-Dichloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1-Dichloroethene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,1-Dichloropropene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2,3-Trichlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2,3-Trichloropropane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-15 (0-2)
Lab ID: 1608457-15
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2,4-Trimethylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2-Dibromo-3-chloropropane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2-Dibromoethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2-Dichlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2-Dichloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,2-Dichloropropane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,3,5-Trimethylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,3-Dichlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,3-Dichloropropane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
1,4-Dichlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
2,2-Dichloropropane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
2-Butanone	ND		0.067	mg/Kg-dry	1	8/16/2016 04:32 PM
2-Chlorotoluene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
2-Hexanone	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
4-Chlorotoluene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
4-Methyl-2-pentanone	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Acetone	ND		0.067	mg/Kg-dry	1	8/16/2016 04:32 PM
Benzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Bromobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Bromochloromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Bromodichloromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Bromoform	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Bromomethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Carbon disulfide	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Carbon tetrachloride	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Chlorobenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Chloroethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Chloroform	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Chloromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
cis-1,2-Dichloroethene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
cis-1,3-Dichloropropene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Dibromochloromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Dibromomethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Dichlorodifluoromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Ethylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Hexachlorobutadiene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Isopropylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
m,p-Xylene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Methyl tert-butyl ether	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-15 (0-2)
Lab ID: 1608457-15
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Naphthalene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
n-Butylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
n-Propylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
o-Xylene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
p-Isopropyltoluene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
sec-Butylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Styrene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
tert-Butylbenzene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Tetrachloroethene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Toluene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
trans-1,2-Dichloroethene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
trans-1,3-Dichloropropene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Trichloroethene	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Trichlorofluoromethane	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Vinyl chloride	ND		0.0067	mg/Kg-dry	1	8/16/2016 04:32 PM
Xylenes, Total	ND		0.013	mg/Kg-dry	1	8/16/2016 04:32 PM
Surr: 4-Bromofluorobenzene	*106*		*62.7-159*	*%REC*	1	8/16/2016 04:32 PM
Surr: Dibromofluoromethane	*90.7*		*67.3-136*	*%REC*	1	8/16/2016 04:32 PM
Surr: Toluene-d8	*96.6*		*83-124*	*%REC*	1	8/16/2016 04:32 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client:	Burgess & Niple Environmental, Inc.		
Project:	Sheridan Ave. Property - Bexley, Ohio	**Work Order:**	1608457
Sample ID:	SB-16 (0-2)	**Lab ID:**	1608457-16
Collection Date:	8/9/2016	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**12**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**18**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:12 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 03:12 PM
Lead	**16**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:12 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-17 (0-2)
Lab ID: 1608457-17
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**14**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**26**		**5.8**	**mg/Kg-dry**	1	8/15/2016 03:15 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 03:15 PM
Lead	**20**		**5.8**	**mg/Kg-dry**	1	8/15/2016 03:15 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-18 (0-2)
Lab ID: 1608457-18
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**15**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**24**		**5.8**	**mg/Kg-dry**	1	8/15/2016 03:18 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 03:18 PM
Lead	**22**		**5.8**	**mg/Kg-dry**	1	8/15/2016 03:18 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client:	Burgess & Niple Environmental, Inc.		
Project:	Sheridan Ave. Property - Bexley, Ohio	**Work Order:**	1608457
Sample ID:	SB-19 (0-2)	**Lab ID:**	1608457-19
Collection Date:	8/9/2016	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**19**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**22**		**6.1**	**mg/Kg-dry**	1	8/15/2016 03:21 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 03:21 PM
Lead	**85**		**6.1**	**mg/Kg-dry**	1	8/15/2016 03:21 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-20 (0-2)
Lab ID: 1608457-20
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**11**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/12/2016**	Analyst: **SRL**
Arsenic	**17**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:24 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 03:24 PM
Lead	**79**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:24 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/16/2016**	Analyst: **JCL**
1-Methylnaphthalene	**0.28**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
2-Methylnaphthalene	ND		0.22	mg/Kg-dry	1	8/16/2016 08:58 PM
Acenaphthene	**2.7**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Acenaphthylene	ND		0.22	mg/Kg-dry	1	8/16/2016 08:58 PM
Anthracene	**9.2**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Benzo(a)anthracene	**15**		**2.2**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Benzo(a)pyrene	**13**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Benzo(b)fluoranthene	**12**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Benzo(g,h,i)perylene	**6.7**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Benzo(k)fluoranthene	**11**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Carbazole	**1.4**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Chrysene	**14**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Dibenzo(a,h)anthracene	**2.1**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Dibenzofuran	**2.0**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Fluoranthene	**40**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Fluorene	**3.3**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Indeno(1,2,3-cd)pyrene	**8.2**		**2.2**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Naphthalene	**0.26**		**0.22**	**mg/Kg-dry**	1	8/16/2016 08:58 PM
Phenanthrene	**31**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Pyrene	**32**		**4.5**	**mg/Kg-dry**	20	8/17/2016 02:29 PM
Surr: 2-Fluorobiphenyl	*76.6*		*30-116*	*%REC*	1	8/16/2016 08:58 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1,1-Trichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1,2,2-Tetrachloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1,2-Trichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1-Dichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,1-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2,3-Trichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2,3-Trichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-20 (0-2)
Lab ID: 1608457-20
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2,4-Trimethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2-Dibromo-3-chloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2-Dibromoethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2-Dichloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,2-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,3,5-Trimethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,3-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,3-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
1,4-Dichlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
2,2-Dichloropropane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
2-Butanone	ND		0.056	mg/Kg-dry	1	8/16/2016 05:03 PM
2-Chlorotoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
2-Hexanone	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
4-Chlorotoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
4-Methyl-2-pentanone	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Acetone	ND		0.056	mg/Kg-dry	1	8/16/2016 05:03 PM
Benzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Bromobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Bromochloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Bromodichloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Bromoform	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Bromomethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Carbon disulfide	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Carbon tetrachloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Chlorobenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Chloroethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Chloroform	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Chloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
cis-1,2-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
cis-1,3-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Dibromochloromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Dibromomethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Dichlorodifluoromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Ethylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Hexachlorobutadiene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Isopropylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
m,p-Xylene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Methyl tert-butyl ether	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-20 (0-2)
Lab ID: 1608457-20
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Naphthalene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
n-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
n-Propylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
o-Xylene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
p-Isopropyltoluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
sec-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Styrene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
tert-Butylbenzene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Tetrachloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Toluene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
trans-1,2-Dichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
trans-1,3-Dichloropropene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Trichloroethene	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Trichlorofluoromethane	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Vinyl chloride	ND		0.0056	mg/Kg-dry	1	8/16/2016 05:03 PM
Xylenes, Total	ND		0.011	mg/Kg-dry	1	8/16/2016 05:03 PM
Surr: 4-Bromofluorobenzene	*112*		*62.7-159*	*%REC*	1	8/16/2016 05:03 PM
Surr: Dibromofluoromethane	*89.4*		*67.3-136*	*%REC*	1	8/16/2016 05:03 PM
Surr: Toluene-d8	*99.4*		*83-124*	*%REC*	1	8/16/2016 05:03 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-21 (0-2)
Lab ID: 1608457-21
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**17**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/15/2016**	Analyst: **SRL**
Arsenic	**27**		**5.9**	**mg/Kg-dry**	1	8/15/2016 03:36 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 03:36 PM
Lead	**88**		**5.9**	**mg/Kg-dry**	1	8/15/2016 03:36 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-22 (0-2)
Lab ID: 1608457-22
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**10**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/15/2016**	Analyst: **SRL**
Arsenic	**19**		**5.5**	**mg/Kg-dry**	1	8/15/2016 03:45 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 03:45 PM
Lead	**190**		**5.5**	**mg/Kg-dry**	1	8/15/2016 03:45 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client:	Burgess & Niple Environmental, Inc.		
Project:	Sheridan Ave. Property - Bexley, Ohio	**Work Order:**	1608457
Sample ID:	SB-23 (0-2)	**Lab ID:**	1608457-23
Collection Date:	8/9/2016	**Matrix:**	SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**9.6**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/15/2016**	Analyst: **SRL**
Arsenic	**15**		**5.5**	**mg/Kg-dry**	1	8/15/2016 03:48 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 03:48 PM
Lead	**110**		**5.5**	**mg/Kg-dry**	1	8/15/2016 03:48 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-24 (0-2)
Lab ID: 1608457-24
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**19**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/15/2016**	Analyst: **SRL**
Arsenic	**22**		**6.0**	**mg/Kg-dry**	1	8/15/2016 03:51 PM
Cadmium	ND		1.2	mg/Kg-dry	1	8/15/2016 03:51 PM
Lead	**31**		**6.0**	**mg/Kg-dry**	1	8/15/2016 03:51 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/16/2016**	Analyst: **JCL**
1-Methylnaphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
2-Methylnaphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Acenaphthene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Acenaphthylene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Anthracene	**0.61**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Benzo(a)anthracene	**2.1**		**0.12**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Benzo(a)pyrene	**2.3**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Benzo(b)fluoranthene	**2.8**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Benzo(g,h,i)perylene	**1.1**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Benzo(k)fluoranthene	**1.0**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Carbazole	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Chrysene	**2.2**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Dibenzo(a,h)anthracene	**0.30**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Dibenzofuran	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Fluoranthene	**4.9**		**1.2**	**mg/Kg-dry**	5	8/17/2016 03:54 PM
Fluorene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Indeno(1,2,3-cd)pyrene	**1.4**		**0.12**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Naphthalene	ND		0.25	mg/Kg-dry	1	8/16/2016 10:10 PM
Phenanthrene	**2.9**		**0.25**	**mg/Kg-dry**	1	8/16/2016 10:10 PM
Pyrene	**4.2**		**1.2**	**mg/Kg-dry**	5	8/17/2016 03:54 PM
Surr: 2-Fluorobiphenyl	*83.8*		*30-116*	*%REC*	1	8/16/2016 10:10 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1,1-Trichloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1,2,2-Tetrachloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1,2-Trichloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1-Dichloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1-Dichloroethene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,1-Dichloropropene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2,3-Trichlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2,3-Trichloropropane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-24 (0-2)
Lab ID: 1608457-24
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2,4-Trimethylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2-Dibromo-3-chloropropane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2-Dibromoethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2-Dichlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2-Dichloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,2-Dichloropropane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,3,5-Trimethylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,3-Dichlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,3-Dichloropropane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
1,4-Dichlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
2,2-Dichloropropane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
2-Butanone	ND		0.061	mg/Kg-dry	1	8/16/2016 05:34 PM
2-Chlorotoluene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
2-Hexanone	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
4-Chlorotoluene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
4-Methyl-2-pentanone	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Acetone	ND		0.061	mg/Kg-dry	1	8/16/2016 05:34 PM
Benzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Bromobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Bromochloromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Bromodichloromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Bromoform	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Bromomethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Carbon disulfide	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Carbon tetrachloride	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Chlorobenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Chloroethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Chloroform	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Chloromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
cis-1,2-Dichloroethene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
cis-1,3-Dichloropropene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Dibromochloromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Dibromomethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Dichlorodifluoromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Ethylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Hexachlorobutadiene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Isopropylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
m,p-Xylene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Methyl tert-butyl ether	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-24 (0-2)
Lab ID: 1608457-24
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Naphthalene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
n-Butylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
n-Propylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
o-Xylene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
p-Isopropyltoluene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
sec-Butylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Styrene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
tert-Butylbenzene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Tetrachloroethene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Toluene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
trans-1,2-Dichloroethene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
trans-1,3-Dichloropropene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Trichloroethene	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Trichlorofluoromethane	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Vinyl chloride	ND		0.0061	mg/Kg-dry	1	8/16/2016 05:34 PM
Xylenes, Total	ND		0.012	mg/Kg-dry	1	8/16/2016 05:34 PM
Surr: 4-Bromofluorobenzene	*106*		*62.7-159*	*%REC*	1	8/16/2016 05:34 PM
Surr: Dibromofluoromethane	*91.6*		*67.3-136*	*%REC*	1	8/16/2016 05:34 PM
Surr: Toluene-d8	*97.0*		*83-124*	*%REC*	1	8/16/2016 05:34 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-25 (0-2)
Lab ID: 1608457-25
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MOISTURE			**SM2540B**		Prep Date: **8/15/2016**	Analyst: **rmb**
Moisture	**14**			**% of sample**	1	8/15/2016
METALS BY ICP			**SW6010B**		Prep Date: **8/15/2016**	Analyst: **SRL**
Arsenic	**19**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:54 PM
Cadmium	ND		1.1	mg/Kg-dry	1	8/15/2016 03:54 PM
Lead	**180**		**5.6**	**mg/Kg-dry**	1	8/15/2016 03:54 PM
PAH COMPOUNDS			**SW8270C**		Prep Date: **8/16/2016**	Analyst: **JCL**
1-Methylnaphthalene	ND		0.23	mg/Kg-dry	1	8/16/2016 10:34 PM
2-Methylnaphthalene	ND		0.23	mg/Kg-dry	1	8/16/2016 10:34 PM
Acenaphthene	**0.41**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Acenaphthylene	ND		0.23	mg/Kg-dry	1	8/16/2016 10:34 PM
Anthracene	**1.3**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Benzo(a)anthracene	**2.7**		**0.12**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Benzo(a)pyrene	**2.6**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Benzo(b)fluoranthene	**3.1**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Benzo(g,h,i)perylene	**1.2**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Benzo(k)fluoranthene	**1.0**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Carbazole	**0.37**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Chrysene	**2.7**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Dibenzo(a,h)anthracene	**0.35**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Dibenzofuran	**0.31**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Fluoranthene	**5.9**		**1.2**	**mg/Kg-dry**	5	8/17/2016 04:23 PM
Fluorene	**0.38**		**0.23**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Indeno(1,2,3-cd)pyrene	**1.6**		**0.12**	**mg/Kg-dry**	1	8/16/2016 10:34 PM
Naphthalene	ND		0.23	mg/Kg-dry	1	8/16/2016 10:34 PM
Phenanthrene	**4.4**		**1.2**	**mg/Kg-dry**	5	8/17/2016 04:23 PM
Pyrene	**4.9**		**1.2**	**mg/Kg-dry**	5	8/17/2016 04:23 PM
Surr: 2-Fluorobiphenyl	*83.9*		*30-116*	*%REC*	1	8/16/2016 10:34 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**			Analyst: **LAK**
1,1,1,2-Tetrachloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1,1-Trichloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1,2,2-Tetrachloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1,2-Trichloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1-Dichloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1-Dichloroethene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,1-Dichloropropene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2,3-Trichlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2,3-Trichloropropane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-25 (0-2)
Lab ID: 1608457-25
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2,4-Trichlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2,4-Trimethylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2-Dibromo-3-chloropropane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2-Dibromoethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2-Dichlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2-Dichloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,2-Dichloropropane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,3,5-Trimethylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,3-Dichlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,3-Dichloropropane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
1,4-Dichlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
2,2-Dichloropropane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
2-Butanone	ND		0.058	mg/Kg-dry	1	8/16/2016 06:04 PM
2-Chlorotoluene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
2-Hexanone	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
4-Chlorotoluene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
4-Methyl-2-pentanone	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Acetone	ND		0.058	mg/Kg-dry	1	8/16/2016 06:04 PM
Benzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Bromobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Bromochloromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Bromodichloromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Bromoform	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Bromomethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Carbon disulfide	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Carbon tetrachloride	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Chlorobenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Chloroethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Chloroform	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Chloromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
cis-1,2-Dichloroethene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
cis-1,3-Dichloropropene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Dibromochloromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Dibromomethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Dichlorodifluoromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Ethylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Hexachlorobutadiene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Isopropylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
m,p-Xylene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Methyl tert-butyl ether	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM

Note:

ALS Environmental

Date: *18-Aug-16*

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
Work Order: 1608457
Sample ID: SB-25 (0-2)
Lab ID: 1608457-25
Collection Date: 8/9/2016
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylene chloride	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Naphthalene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
n-Butylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
n-Propylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
o-Xylene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
p-Isopropyltoluene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
sec-Butylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Styrene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
tert-Butylbenzene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Tetrachloroethene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Toluene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
trans-1,2-Dichloroethene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
trans-1,3-Dichloropropene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Trichloroethene	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Trichlorofluoromethane	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Vinyl chloride	ND		0.0058	mg/Kg-dry	1	8/16/2016 06:04 PM
Xylenes, Total	ND		0.012	mg/Kg-dry	1	8/16/2016 06:04 PM
Surr: 4-Bromofluorobenzene	*105*		*62.7-159*	*%REC*	1	8/16/2016 06:04 PM
Surr: Dibromofluoromethane	*92.8*		*67.3-136*	*%REC*	1	8/16/2016 06:04 PM
Surr: Toluene-d8	*97.4*		*83-124*	*%REC*	1	8/16/2016 06:04 PM

Note:

QC BATCH REPORT

Batch ID: **37664** Instrument ID **ICP3** Method: **SW6010B**

MBLK Sample ID: **mblk-37664-37664** Units: **mg/Kg** Analysis Date: **8/15/2016 02:00 PM**

Client ID: Run ID: **ICP3_160815C** SeqNo: **1336675** Prep Date: **8/12/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	5.0								
Cadmium	ND	1.0								
Lead	ND	5.0								

LCS Sample ID: **lcs-37664-37664** Units: **mg/Kg** Analysis Date: **8/15/2016 02:03 PM**

Client ID: Run ID: **ICP3_160815C** SeqNo: **1336676** Prep Date: **8/12/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	103.3	5.0	100	0	103	80-120	0			
Cadmium	104.2	1.0	100	0	104	80-120	0			
Lead	106.2	5.0	100	0	106	80-120	0			

LCSD Sample ID: **lcsd-37664-37664** Units: **mg/Kg** Analysis Date: **8/15/2016 02:06 PM**

Client ID: Run ID: **ICP3_160815C** SeqNo: **1336677** Prep Date: **8/12/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	104.2	5.0	100	0	104	80-120	103.3	0.867	20	
Cadmium	105.1	1.0	100	0	105	80-120	104.2	0.86	20	
Lead	107	5.0	100	0	107	80-120	106.2	0.75	20	

MS Sample ID: **1608457-04a ms** Units: **mg/Kg** Analysis Date: **8/15/2016 02:21 PM**

Client ID: **SB-4 (0-2)** Run ID: **ICP3_160815C** SeqNo: **1336682** Prep Date: **8/12/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	115.8	4.9	97.14	21.28	97.3	75-125	0			
Cadmium	96.83	0.97	97.14	0.7444	98.9	75-125	0			
Lead	260.6	4.9	97.14	384.4	-127	69.3-107	0			S

MSD Sample ID: **1608457-04a msd** Units: **mg/Kg** Analysis Date: **8/15/2016 02:23 PM**

Client ID: **SB-4 (0-2)** Run ID: **ICP3_160815C** SeqNo: **1336683** Prep Date: **8/12/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	118.3	5.0	99.07	21.28	97.9	75-125	115.8	2.13	20	
Cadmium	98.97	0.99	99.07	0.7444	99.1	75-125	96.83	2.18	20	
Lead	438.7	5.0	99.07	384.4	54.8	69.3-107	260.6	50.9	20	SR

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37664** Instrument ID **ICP3** Method: **SW6010B**

The following samples were analyzed in this batch:

1608457-01a	1608457-02a	1608457-03a
1608457-04a	1608457-05a	1608457-06a
1608457-07a	1608457-08a	1608457-09a
1608457-10a	1608457-11a	1608457-12a
1608457-13a	1608457-14a	1608457-15a
1608457-16a	1608457-17a	1608457-18a
1608457-19a	1608457-20a	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37697** Instrument ID **ICP3** Method: **SW6010B**

MBLK Sample ID: **mblk-37697-37697** Units: **mg/Kg** Analysis Date: **8/15/2016 03:27 PM**
Client ID: Run ID: **ICP3_160815C** SeqNo: **1336700** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	5.0								
Cadmium	ND	1.0								
Lead	ND	5.0								

LCS Sample ID: **lcs-37697-37697** Units: **mg/Kg** Analysis Date: **8/15/2016 03:30 PM**
Client ID: Run ID: **ICP3_160815C** SeqNo: **1336701** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	96.61	5.0	100	0	96.6	80-120	0			
Cadmium	96.69	1.0	100	0	96.7	80-120	0			
Lead	98.47	5.0	100	0	98.5	80-120	0			

LCSD Sample ID: **lcsd-37697-37697** Units: **mg/Kg** Analysis Date: **8/15/2016 03:33 PM**
Client ID: Run ID: **ICP3_160815C** SeqNo: **1336702** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	96.85	5.0	100	0	96.8	80-120	96.61	0.248	20	
Cadmium	96.88	1.0	100	0	96.9	80-120	96.69	0.196	20	
Lead	98.48	5.0	100	0	98.5	80-120	98.47	0.0102	20	

MS Sample ID: **1608457-25a ms** Units: **mg/Kg** Analysis Date: **8/15/2016 03:57 PM**
Client ID: **SB-25 (0-2)** Run ID: **ICP3_160815C** SeqNo: **1336708** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	112.8	4.9	97.35	16.24	99.2	75-125	0			
Cadmium	94.14	0.97	97.35	0.5529	96.1	75-125	0			
Lead	229.1	4.9	97.35	153.1	78	69.3-107	0			

MSD Sample ID: **1608457-25a msd** Units: **mg/Kg** Analysis Date: **8/15/2016 04:00 PM**
Client ID: **SB-25 (0-2)** Run ID: **ICP3_160815C** SeqNo: **1336709** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	114	5.0	99.03	16.24	98.7	75-125	112.8	1.02	20	
Cadmium	96.62	0.99	99.03	0.5529	97	75-125	94.14	2.6	20	
Lead	202.7	5.0	99.03	153.1	50.1	69.3-107	229.1	12.2	20	S

The following samples were analyzed in this batch:

1608457-21a	1608457-22a	1608457-23a
1608457-24a	1608457-25a	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **37692** Instrument ID **SVMS2** Method: **SW8270C**

MBLK Sample ID: **MBLK-37692-37692** Units: **µg/Kg** Analysis Date: **8/15/2016 01:39 PM**
Client ID: Run ID: **SVMS2_160815A** SeqNo: **1336911** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	200								
2-Methylnaphthalene	ND	200								
Acenaphthene	ND	200								
Acenaphthylene	ND	200								
Anthracene	ND	200								
Benzo(a)anthracene	ND	100								
Benzo(a)pyrene	ND	200								
Benzo(b)fluoranthene	ND	200								
Benzo(g,h,i)perylene	ND	200								
Benzo(k)fluoranthene	ND	200								
Carbazole	ND	200								
Chrysene	ND	200								
Dibenzo(a,h)anthracene	ND	200								
Dibenzofuran	ND	200								
Fluoranthene	ND	200								
Fluorene	ND	200								
Indeno(1,2,3-cd)pyrene	ND	100								
Naphthalene	ND	200								
Phenanthrene	ND	200								
Pyrene	ND	200								
Surr: 2-Fluorobiphenyl	2489	0	*3330*	0	*74.8*	*30-116*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37692** Instrument ID **SVMS2** Method: **SW8270C**

LCS Sample ID: **LCS-37692-37692** Units: **µg/Kg** Analysis Date: **8/15/2016 02:06 PM**
Client ID: Run ID: **SVMS2_160815A** SeqNo: **1336912** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2601	200	3330	0	78.1	52-119	0			
Acenaphthylene	3119	200	3330	0	93.7	46-118	0			
Anthracene	2716	200	3330	0	81.6	56-109	0			
Benzo(a)anthracene	2638	100	3330	0	79.2	48-121	0			
Benzo(a)pyrene	2895	200	3330	0	86.9	62-111	0			
Benzo(b)fluoranthene	2931	200	3330	0	88	44-115	0			
Benzo(g,h,i)perylene	2445	200	3330	0	73.4	47.9-113	0			
Benzo(k)fluoranthene	2628	200	3330	0	78.9	61-121	0			
Chrysene	2542	200	3330	0	76.3	55.5-100	0			
Dibenzo(a,h)anthracene	2609	200	3330	0	78.3	56-119	0			
Fluoranthene	2855	200	3330	0	85.7	63-120	0			
Fluorene	2729	200	3330	0	82	56.3-103	0			
Indeno(1,2,3-cd)pyrene	2622	100	3330	0	78.7	48.7-108	0			
Naphthalene	2422	200	3330	0	72.7	50-106	0			
Phenanthrene	2633	200	3330	0	79.1	59-109	0			
Pyrene	2813	200	3330	0	84.5	55-117	0			
Surr: 2-Fluorobiphenyl	2685	0	*3330*	0	*80.6*	*30-116*	0			

MS Sample ID: **1608508-02AMS** Units: **µg/Kg** Analysis Date: **8/15/2016 02:34 PM**
Client ID: Run ID: **SVMS2_160815A** SeqNo: **1336913** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2655	200	3328	0	79.8	44-108	0			
Acenaphthylene	3171	200	3328	0	95.3	54-116	0			
Anthracene	2859	200	3328	0	85.9	51-106	0			
Benzo(a)anthracene	2763	100	3328	0	83	47-114	0			
Benzo(a)pyrene	3029	200	3328	0	91	55-106	0			
Benzo(b)fluoranthene	3054	200	3328	0	91.8	40-106	0			
Benzo(g,h,i)perylene	2596	200	3328	0	78	49-113	0			
Benzo(k)fluoranthene	2700	200	3328	0	81.1	57-119	0			
Chrysene	2616	200	3328	0	78.6	52-107	0			
Dibenzo(a,h)anthracene	2721	200	3328	0	81.8	46-116	0			
Fluoranthene	3078	200	3328	0	92.5	52-120	0			
Fluorene	2777	200	3328	0	83.4	53-107	0			
Indeno(1,2,3-cd)pyrene	2786	100	3328	0	83.7	51-107	0			
Naphthalene	2496	200	3328	0	75	18.2-126	0			
Phenanthrene	2718	200	3328	0	81.7	52-105	0			
Pyrene	2955	200	3328	0	88.8	51-111	0			
Surr: 2-Fluorobiphenyl	2700	0	*3328*	0	*81.1*	*30-116*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37692** Instrument ID **SVMS2** Method: **SW8270C**

MSD Sample ID: **1608508-02AMSD** Units: **µg/Kg** Analysis Date: **8/15/2016 03:02 PM**
Client ID: Run ID: **SVMS2_160815A** SeqNo: **1336914** Prep Date: **8/15/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2570	200	3323	0	77.3	44-108	2655	3.27	20	
Acenaphthylene	3072	200	3323	0	92.4	54-116	3171	3.16	20	
Anthracene	2667	200	3323	0	80.3	51-106	2859	6.93	24	
Benzo(a)anthracene	2605	100	3323	0	78.4	47-114	2763	5.91	21	
Benzo(a)pyrene	2846	200	3323	0	85.6	55-106	3029	6.21	20	
Benzo(b)fluoranthene	2919	200	3323	0	87.8	40-106	3054	4.53	20	
Benzo(g,h,i)perylene	2518	200	3323	0	75.8	49-113	2596	3.02	20	
Benzo(k)fluoranthene	2527	200	3323	0	76	57-119	2700	6.63	24	
Chrysene	2476	200	3323	0	74.5	52-107	2616	5.47	19	
Dibenzo(a,h)anthracene	2659	200	3323	0	80	46-116	2721	2.31	20	
Fluoranthene	2840	200	3323	0	85.5	52-120	3078	8.03	20	
Fluorene	2659	200	3323	0	80	53-107	2777	4.35	20	
Indeno(1,2,3-cd)pyrene	2651	100	3323	0	79.8	51-107	2786	4.98	20	
Naphthalene	2353	200	3323	0	70.8	18.2-126	2496	5.93	20	
Phenanthrene	2574	200	3323	0	77.5	52-105	2718	5.44	20	
Pyrene	2727	200	3323	0	82.1	51-111	2955	8.03	20	
Surr: 2-Fluorobiphenyl	2759	0	*3323*	0	*83*	*30-116*	2700	*2.16*		

The following samples were analyzed in this batch:

1608457-01A	1608457-02A	1608457-03A
1608457-04A	1608457-05A	1608457-06A
1608457-07A	1608457-08A	1608457-09A
1608457-10A	1608457-11A	1608457-12A
1608457-13A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37713** Instrument ID **SVMS1** Method: **SW8270C**

mblk Sample ID: **mblk-37713-37713** Units: **µg/Kg** Analysis Date: **8/16/2016 05:15 PM**
Client ID: Run ID: **SVMS1_160816A** SeqNo: **1337728** Prep Date: **8/16/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	ND	100								
2-Methylnaphthalene	ND	100								
Acenaphthene	ND	100								
Acenaphthylene	ND	100								
Anthracene	ND	100								
Benzo(a)anthracene	ND	100								
Benzo(a)pyrene	ND	10								
Benzo(b)fluoranthene	ND	100								
Benzo(g,h,i)perylene	ND	100								
Benzo(k)fluoranthene	ND	100								
Carbazole	ND	100								
Chrysene	ND	100								
Dibenzo(a,h)anthracene	ND	10								
Dibenzofuran	ND	100								
Fluoranthene	ND	100								
Fluorene	ND	100								
Indeno(1,2,3-cd)pyrene	ND	100								
Naphthalene	ND	100								
Phenanthrene	ND	100								
Pyrene	ND	100								
Surr: 2-Fluorobiphenyl	2945	0	*3330*	0	*88.4*	*30-116*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37713** Instrument ID **SVMS1** Method: **SW8270C**

LCS Sample ID: **LCS-37713-37713** Units: **µg/Kg** Analysis Date: **8/17/2016 04:51 PM**
Client ID: Run ID: **SVMS2_160817A** SeqNo: **1338629** Prep Date: **8/16/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	2675	200	3330	0	80.3	52-119	0			
Acenaphthylene	3143	200	3330	0	94.4	46-118	0			
Anthracene	2752	200	3330	0	82.6	56-109	0			
Benzo(a)anthracene	2738	100	3330	0	82.2	48-121	0			
Benzo(a)pyrene	3002	200	3330	0	90.2	62-111	0			
Benzo(b)fluoranthene	3061	200	3330	0	91.9	44-115	0			
Benzo(g,h,i)perylene	2571	200	3330	0	77.2	47.9-113	0			
Benzo(k)fluoranthene	2717	200	3330	0	81.6	61-121	0			
Chrysene	2622	200	3330	0	78.7	55.5-100	0			
Dibenzo(a,h)anthracene	2797	200	3330	0	84	56-119	0			
Fluoranthene	2984	200	3330	0	89.6	63-120	0			
Fluorene	2724	200	3330	0	81.8	56.3-103	0			
Indeno(1,2,3-cd)pyrene	2784	100	3330	0	83.6	48.7-108	0			
Naphthalene	2483	200	3330	0	74.6	50-106	0			
Phenanthrene	2629	200	3330	0	79	59-109	0			
Pyrene	2923	200	3330	0	87.8	55-117	0			
Surr: 2-Fluorobiphenyl	2764	0	*3330*	0	*83*	*30-116*	0			

MS Sample ID: **1608457-22ams** Units: **µg/Kg** Analysis Date: **8/16/2016 06:04 PM**
Client ID: **SB-22 (0-2)** Run ID: **SVMS1_160816A** SeqNo: **1337730** Prep Date: **8/16/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3132	200	3323	488	79.6	44-108	0			
Acenaphthylene	3829	200	3323	101.2	112	54-116	0			
Anthracene	4364	200	3323	2029	70.3	51-106	0			E
Benzo(a)anthracene	4782	100	3323	3949	25.1	47-114	0			SE
Benzo(a)pyrene	5406	200	3323	3385	60.8	55-106	0			E
Benzo(b)fluoranthene	5257	200	3323	3467	53.9	40-106	0			E
Benzo(g,h,i)perylene	4389	200	3323	1381	90.5	49-113	0			E
Benzo(k)fluoranthene	4035	200	3323	2571	44.1	57-119	0			SE
Chrysene	4882	200	3323	3961	27.7	52-107	0			SE
Dibenzo(a,h)anthracene	3508	200	3323	350.2	95	46-116	0			
Fluoranthene	10850	200	3323	8041	84.4	52-120	0			E
Fluorene	3792	200	3323	620.5	95.4	53-107	0			
Indeno(1,2,3-cd)pyrene	4710	100	3323	1689	90.9	51-107	0			E
Naphthalene	3055	200	3323	236.4	84.8	18.2-126	0			
Phenanthrene	7727	200	3323	6196	46.1	52-105	0			SE
Pyrene	9550	200	3323	6785	83.2	51-111	0			E
Surr: 2-Fluorobiphenyl	2993	0	*3323*	0	*90.1*	*30-116*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **37713** Instrument ID **SVMS1** Method: **SW8270C**

MSD Sample ID: **1608457-22amsd** Units: **µg/Kg** Analysis Date: **8/16/2016 06:29 PM**
Client ID: **SB-22 (0-2)** Run ID: **SVMS1_160816A** SeqNo: **1337731** Prep Date: **8/16/2016** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	3552	200	3323	488	92.2	44-108	3132	12.6	20	
Acenaphthylene	3721	200	3323	101.2	109	54-116	3829	2.86	20	
Anthracene	5738	200	3323	2029	112	51-106	4364	27.2	24	SRE
Benzo(a)anthracene	5391	100	3323	3949	43.4	47-114	4782	12	21	SE
Benzo(a)pyrene	6098	200	3323	3385	81.6	55-106	5406	12	20	E
Benzo(b)fluoranthene	5934	200	3323	3467	74.2	40-106	5257	12.1	20	E
Benzo(g,h,i)perylene	4405	200	3323	1381	91	49-113	4389	0.363	20	E
Benzo(k)fluoranthene	4315	200	3323	2571	52.5	57-119	4035	6.73	24	SE
Chrysene	5599	200	3323	3961	49.3	52-107	4882	13.7	19	SE
Dibenzo(a,h)anthracene	3382	200	3323	350.2	91.2	46-116	3508	3.67	20	
Fluoranthene	12560	200	3323	8041	136	52-120	10850	14.6	20	SE
Fluorene	4136	200	3323	620.5	106	53-107	3792	8.69	20	E
Indeno(1,2,3-cd)pyrene	5085	100	3323	1689	102	51-107	4710	7.66	20	E
Naphthalene	3172	200	3323	236.4	88.3	18.2-126	3055	3.74	20	
Phenanthrene	10900	200	3323	6196	142	52-105	7727	34.1	20	SRE
Pyrene	11690	200	3323	6785	148	51-111	9550	20.2	20	SRE
Surr: 2-Fluorobiphenyl	3054	0	*3323*	0	*91.9*	*30-116*	2993	*2*		

The following samples were analyzed in this batch:

1608457-14A	1608457-15A	1608457-16A
1608457-17A	1608457-18A	1608457-19A
1608457-20A	1608457-21A	1608457-22A
1608457-23a	1608457-24A	1608457-25A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R131903** Instrument ID **VMS2** Method: **SW8260B**

MBLK Sample ID: **MBLK-R131903** Units: **µg/Kg** Analysis Date: **8/16/2016 01:29 AM**
Client ID: Run ID: **VMS2_160815B** SeqNo: **1336867** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0								
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,1-Dichloropropene	ND	5.0								
1,2,3-Trichlorobenzene	ND	5.0								
1,2,3-Trichloropropane	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromo-3-chloropropane	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichlorobenzene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
1,3-Dichlorobenzene	ND	5.0								
1,3-Dichloropropane	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2,2-Dichloropropane	ND	5.0								
2-Butanone	ND	50								
2-Chlorotoluene	ND	5.0								
2-Hexanone	ND	5.0								
4-Chlorotoluene	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	50								
Benzene	ND	5.0								
Bromobenzene	ND	5.0								
Bromochloromethane	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	5.0								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R131903** Instrument ID **VMS2** Method: **SW8260B**

Dibromomethane	ND	5.0					
Dichlorodifluoromethane	ND	5.0					
Ethylbenzene	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Isopropylbenzene	ND	5.0					
m,p-Xylene	ND	5.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
Naphthalene	ND	5.0					
n-Butylbenzene	ND	5.0					
n-Propylbenzene	ND	5.0					
o-Xylene	ND	5.0					
p-Isopropyltoluene	ND	5.0					
sec-Butylbenzene	ND	5.0					
Styrene	ND	5.0					
tert-Butylbenzene	ND	5.0					
Tetrachloroethene	ND	5.0					
Toluene	ND	5.0					
trans-1,2-Dichloroethene	ND	5.0					
trans-1,3-Dichloropropene	ND	5.0					
Trichloroethene	ND	5.0					
Trichlorofluoromethane	ND	5.0					
Vinyl chloride	ND	5.0					
Xylenes, Total	ND	10					
Surr: 4-Bromofluorobenzene	55.53	0	*50*	0	*111*	*62.7-159*	0
Surr: Dibromofluoromethane	50.03	0	*50*	0	*100*	*67.3-136*	0
Surr: Toluene-d8	49.71	0	*50*	0	*99.4*	*83-124*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **R131903** Instrument ID **VMS2** Method: **SW8260B**

LCS Sample ID: **LCS-R131903** Units: **µg/Kg** Analysis Date: **8/16/2016 01:59 AM**
Client ID: Run ID: **VMS2_160815B** SeqNo: **1336868** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49.04	5.0	50	0	98.1	53.6-149	0			
1,1-Dichloroethene	55.41	5.0	50	0	111	38.8-176	0			
1,2-Dichloroethane	52.11	5.0	50	0	104	54.4-145	0			
1,3-Dichlorobenzene	47.1	5.0	50	0	94.2	54.2-137	0			
1,4-Dichlorobenzene	48.19	5.0	50	0	96.4	52.8-135	0			
Benzene	44.71	5.0	50	0	89.4	56-148	0			
Carbon tetrachloride	47.96	5.0	50	0	95.9	51.9-151	0			
Chlorobenzene	48.63	5.0	50	0	97.3	55.4-137	0			
Chloroform	48.35	5.0	50	0	96.7	51.1-147	0			
cis-1,2-Dichloroethene	50.14	5.0	50	0	100	47.6-149	0			
Ethylbenzene	46.93	5.0	50	0	93.9	55.8-142	0			
m,p-Xylene	92.64	5.0	100	0	92.6	57.6-141	0			
Styrene	47.5	5.0	50	0	95	59.6-143	0			
Tetrachloroethene	51.01	5.0	50	0	102	56.2-160	0			
Toluene	47.2	5.0	50	0	94.4	56-143	0			
Trichloroethene	46.65	5.0	50	0	93.3	56.5-143	0			
Surr: 4-Bromofluorobenzene	53.82	0	*50*	0	*108*	*62.7-159*	0			
Surr: Dibromofluoromethane	52.93	0	*50*	0	*106*	*67.3-136*	0			
Surr: Toluene-d8	51.17	0	*50*	0	*102*	*83-124*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R131903** Instrument ID **VMS2** Method: **SW8260B**

MS Sample ID: **1608249-01A MS** Units: **µg/Kg** Analysis Date: **8/16/2016 06:34 AM**
Client ID: Run ID: **VMS2_160815B** SeqNo: **1336874** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.82	5.0	50	0	97.6	66.9-140	0			
1,1-Dichloroethene	65.71	5.0	50	0	131	41.4-161	0			
1,2-Dichloroethane	49.1	5.0	50	0	98.2	58.9-137	0			
1,3-Dichlorobenzene	43.74	5.0	50	0	87.5	56.3-126	0			
1,4-Dichlorobenzene	43.35	5.0	50	0	86.7	58.3-122	0			
Benzene	42.4	5.0	50	0	84.8	35.8-162	0			
Carbon tetrachloride	44.83	5.0	50	0	89.7	53.2-137	0			
Chlorobenzene	44.07	5.0	50	0	88.1	65.6-137	0			
Chloroform	48.38	5.0	50	0	96.8	58-130	0			
cis-1,2-Dichloroethene	47.05	5.0	50	0	94.1	52.9-138	0			
Ethylbenzene	44.64	5.0	50	0	89.3	57.5-134	0			
m,p-Xylene	89.2	5.0	100	0	89.2	56.4-135	0			
Styrene	46.27	5.0	50	0	92.5	60.9-135	0			
Tetrachloroethene	37.73	5.0	50	0	75.5	52.1-160	0			
Toluene	44.45	5.0	50	0	88.9	67.7-135	0			
Trichloroethene	41.94	5.0	50	0	83.9	56.5-136	0			
Surr: 4-Bromofluorobenzene	53.79	0	*50*	0	*108*	*62.7-159*	0			
Surr: Dibromofluoromethane	53.63	0	*50*	0	*107*	*67.3-136*	0			
Surr: Toluene-d8	52.1	0	*50*	0	*104*	*83-124*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **R131903** Instrument ID **VMS2** Method: **SW8260B**

MSD Sample ID: **1608249-01A MSD** Units: **µg/Kg** Analysis Date: **8/16/2016 07:05 AM**
Client ID: Run ID: **VMS2_160815B** SeqNo: **1336875** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.1	5.0	50	0	94.2	66.9-140	48.82	3.59	31.2	
1,1-Dichloroethene	67.37	5.0	50	0	135	41.4-161	65.71	2.49	38.1	
1,2-Dichloroethane	48.29	5.0	50	0	96.6	58.9-137	49.1	1.66	26.2	
1,3-Dichlorobenzene	44.33	5.0	50	0	88.7	56.3-126	43.74	1.34	21	
1,4-Dichlorobenzene	44.07	5.0	50	0	88.1	58.3-122	43.35	1.65	28.7	
Benzene	41.11	5.0	50	0	82.2	35.8-162	42.4	3.09	23.6	
Carbon tetrachloride	45.53	5.0	50	0	91.1	53.2-137	44.83	1.55	32.3	
Chlorobenzene	43.24	5.0	50	0	86.5	65.6-137	44.07	1.9	20	
Chloroform	48	5.0	50	0	96	58-130	48.38	0.789	28.2	
cis-1,2-Dichloroethene	47.78	5.0	50	0	95.6	52.9-138	47.05	1.54	23.7	
Ethylbenzene	44.48	5.0	50	0	89	57.5-134	44.64	0.359	24.9	
m,p-Xylene	90.42	5.0	100	0	90.4	56.4-135	89.2	1.36	25.1	
Styrene	45.87	5.0	50	0	91.7	60.9-135	46.27	0.868	22.8	
Tetrachloroethene	40.77	5.0	50	0	81.5	52.1-160	37.73	7.75	24.7	
Toluene	42.99	5.0	50	0	86	67.7-135	44.45	3.34	20	
Trichloroethene	41.45	5.0	50	0	82.9	56.5-136	41.94	1.18	20	
Surr: 4-Bromofluorobenzene	53.89	0	*50*	0	*108*	*62.7-159*	53.79	*0.186*		
Surr: Dibromofluoromethane	51.77	0	*50*	0	*104*	*67.3-136*	53.63	*3.53*		
Surr: Toluene-d8	50.94	0	*50*	0	*102*	*83-124*	52.1	*2.25*		

The following samples were analyzed in this batch: 1608457-10B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R131923** Instrument ID **VMS2** Method: **SW8260B**

MBLK Sample ID: **MBLK-R131923** Units: **µg/Kg** Analysis Date: **8/16/2016 11:56 AM**
Client ID: Run ID: **VMS2_160816A** SeqNo: **1337237** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0								
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,1-Dichloropropene	ND	5.0								
1,2,3-Trichlorobenzene	ND	5.0								
1,2,3-Trichloropropane	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromo-3-chloropropane	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichlorobenzene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
1,3-Dichlorobenzene	ND	5.0								
1,3-Dichloropropane	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2,2-Dichloropropane	ND	5.0								
2-Butanone	ND	50								
2-Chlorotoluene	ND	5.0								
2-Hexanone	ND	5.0								
4-Chlorotoluene	ND	5.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	50								
Benzene	ND	5.0								
Bromobenzene	ND	5.0								
Bromochloromethane	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	5.0								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: **R131923** Instrument ID **VMS2** Method: **SW8260B**

Dibromomethane	ND	5.0					
Dichlorodifluoromethane	ND	5.0					
Ethylbenzene	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Isopropylbenzene	ND	5.0					
m,p-Xylene	ND	5.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
Naphthalene	ND	5.0					
n-Butylbenzene	ND	5.0					
n-Propylbenzene	ND	5.0					
o-Xylene	ND	5.0					
p-Isopropyltoluene	ND	5.0					
sec-Butylbenzene	ND	5.0					
Styrene	ND	5.0					
tert-Butylbenzene	ND	5.0					
Tetrachloroethene	ND	5.0					
Toluene	ND	5.0					
trans-1,2-Dichloroethene	ND	5.0					
trans-1,3-Dichloropropene	ND	5.0					
Trichloroethene	ND	5.0					
Trichlorofluoromethane	ND	5.0					
Vinyl chloride	ND	5.0					
Xylenes, Total	ND	10					
Surr: 4-Bromofluorobenzene	54.67	0	*50*	0	*109*	*62.7-159*	0
Surr: Dibromofluoromethane	47.53	0	*50*	0	*95.1*	*67.3-136*	0
Surr: Toluene-d8	50.79	0	*50*	0	*102*	*83-124*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **R131923** Instrument ID **VMS2** Method: **SW8260B**

LCS Sample ID: **LCS-R131923** Units: **µg/Kg** Analysis Date: **8/16/2016 12:27 PM**
Client ID: Run ID: **VMS2_160816A** SeqNo: **1337238** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.19	5.0	50	0	90.4	53.6-149	0			
1,1-Dichloroethene	38.07	5.0	50	0	76.1	38.8-176	0			
1,2-Dichloroethane	45.97	5.0	50	0	91.9	54.4-145	0			
1,3-Dichlorobenzene	44.02	5.0	50	0	88	54.2-137	0			
1,4-Dichlorobenzene	45.33	5.0	50	0	90.7	52.8-135	0			
Benzene	43.32	5.0	50	0	86.6	56-148	0			
Carbon tetrachloride	43.55	5.0	50	0	87.1	51.9-151	0			
Chlorobenzene	46.16	5.0	50	0	92.3	55.4-137	0			
Chloroform	45.04	5.0	50	0	90.1	51.1-147	0			
cis-1,2-Dichloroethene	42	5.0	50	0	84	47.6-149	0			
Ethylbenzene	44.97	5.0	50	0	89.9	55.8-142	0			
m,p-Xylene	89.85	5.0	100	0	89.8	57.6-141	0			
Styrene	46.55	5.0	50	0	93.1	59.6-143	0			
Tetrachloroethene	46.59	5.0	50	0	93.2	56.2-160	0			
Toluene	44.54	5.0	50	0	89.1	56-143	0			
Trichloroethene	44.04	5.0	50	0	88.1	56.5-143	0			
Surr: 4-Bromofluorobenzene	53.78	0	*50*	0	*108*	*62.7-159*	0			
Surr: Dibromofluoromethane	47.96	0	*50*	0	*95.9*	*67.3-136*	0			
Surr: Toluene-d8	50.62	0	*50*	0	*101*	*83-124*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R131923** Instrument ID **VMS2** Method: **SW8260B**

MS Sample ID: **1608249-02A MS** Units: **µg/Kg** Analysis Date: **8/16/2016 01:59 PM**
Client ID: Run ID: **VMS2_160816A** SeqNo: **1337241** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.15	5.0	50	0	86.3	66.9-140	0			
1,1-Dichloroethene	29.3	5.0	50	0	58.6	41.4-161	0			
1,2-Dichloroethane	40.68	5.0	50	0	81.4	58.9-137	0			
1,3-Dichlorobenzene	40.29	5.0	50	0	80.6	56.3-126	0			
1,4-Dichlorobenzene	42.08	5.0	50	0	84.2	58.3-122	0			
Benzene	41.24	5.0	50	0	82.5	35.8-162	0			
Carbon tetrachloride	39.31	5.0	50	0	78.6	53.2-137	0			
Chlorobenzene	43.81	5.0	50	0	87.6	65.6-137	0			
Chloroform	40.31	5.0	50	0	80.6	58-130	0			
cis-1,2-Dichloroethene	36.83	5.0	50	0	73.7	52.9-138	0			
Ethylbenzene	43.32	5.0	50	0	86.6	57.5-134	0			
m,p-Xylene	84.29	5.0	100	0	84.3	56.4-135	0			
Styrene	44.59	5.0	50	0	89.2	60.9-135	0			
Tetrachloroethene	41.5	5.0	50	0	83	52.1-160	0			
Toluene	45.09	5.0	50	0	90.2	67.7-135	0			
Trichloroethene	42.93	5.0	50	0	85.9	56.5-136	0			
Surr: 4-Bromofluorobenzene	49.87	0	*50*	0	*99.7*	*62.7-159*	0			
Surr: Dibromofluoromethane	47.83	0	*50*	0	*95.7*	*67.3-136*	0			
Surr: Toluene-d8	53.35	0	*50*	0	*107*	*83-124*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Burgess & Niple Environmental, Inc.
Work Order: 1608457
Project: Sheridan Ave. Property - Bexley, Ohio

QC BATCH REPORT

Batch ID: **R131923** Instrument ID **VMS2** Method: **SW8260B**

MSD Sample ID: **1608249-02A MSD** Units: **µg/Kg** Analysis Date: **8/16/2016 02:29 PM**
Client ID: Run ID: **VMS2_160816A** SeqNo: **1337242** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49.53	5.0	50	0	99.1	66.9-140	43.15	13.8	31.2	
1,1-Dichloroethene	23.65	5.0	50	0	47.3	41.4-161	29.3	21.3	38.1	
1,2-Dichloroethane	45.73	5.0	50	0	91.5	58.9-137	40.68	11.7	26.2	
1,3-Dichlorobenzene	49.26	5.0	50	0	98.5	56.3-126	40.29	20	21	
1,4-Dichlorobenzene	51.12	5.0	50	0	102	58.3-122	42.08	19.4	28.7	
Benzene	49	5.0	50	0	98	35.8-162	41.24	17.2	23.6	
Carbon tetrachloride	46.06	5.0	50	0	92.1	53.2-137	39.31	15.8	32.3	
Chlorobenzene	52.74	5.0	50	0	105	65.6-137	43.81	18.5	20	
Chloroform	46.63	5.0	50	0	93.3	58-130	40.31	14.5	28.2	
cis-1,2-Dichloroethene	40.72	5.0	50	0	81.4	52.9-138	36.83	10	23.7	
Ethylbenzene	50.62	5.0	50	0	101	57.5-134	43.32	15.5	24.9	
m,p-Xylene	100.8	5.0	100	0	101	56.4-135	84.29	17.8	25.1	
Styrene	51.26	5.0	50	0	103	60.9-135	44.59	13.9	22.8	
Tetrachloroethene	55.43	5.0	50	0	111	52.1-160	41.5	28.7	24.7	R
Toluene	49.86	5.0	50	0	99.7	67.7-135	45.09	10	20	
Trichloroethene	50.31	5.0	50	0	101	56.5-136	42.93	15.8	20	
Surr: 4-Bromofluorobenzene	52.79	0	*50*	0	*106*	*62.7-159*	49.87	*5.69*		
Surr: Dibromofluoromethane	45.25	0	*50*	0	*90.5*	*67.3-136*	47.83	*5.54*		
Surr: Toluene-d8	49.31	0	*50*	0	*98.6*	*83-124*	53.35	*7.87*		

The following samples were analyzed in this batch:

1608457-01B	1608457-05B	1608457-06B
1608457-13B	1608457-15B	1608457-20B
1608457-24B	1608457-25B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

Date: 18-Aug-16

Client: Burgess & Niple Environmental, Inc.
Project: Sheridan Ave. Property - Bexley, Ohio
WorkOrder: **1608457**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
E	EPA Method
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
% of sample	
mg/Kg-dry	

ALS Environmental

Sample Receipt Checklist

Client Name: **BURGESS-COLUMBUS** Date/Time Received: **11-Aug-16 13:18**

Work Order: **1608457** Received by: **LDF**

Checklist completed by Leeanna Fischer 11-Aug-16 Reviewed by: Chris Gibson 15-Aug-16
eSignature Date eSignature Date

Matrices:
Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.6		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☐	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ATTACHMENT 3

RECREATIONAL STANDARDS CALCULATIONS

Attachment 3
VAP Human Health Risk Assessment
Physical and Chemical Properties of Chemicals of Concern
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Chemical of Concern	CAS Number	MW (gm/mol)	Henry's Law (unitless)	Koc (L/kg)	Solubility (mg/L water)	Air Diffusivity	Water Diffusivity	Melting Point (C^o)	AF_{oral}	AF_{dermal}
Arsenic	7440-38-2	74.92	NA	NA	NA	NA	NA	-117.00	1.00	0.03
Cadmium	7440-43-9	112.41	NA	NA	NA	NA	NA	321.00	0.03	0.00
1-Methylnaphthalene	90-12-0	142.19	2.10E-02	2.53E+03	2.58E+01	5.28E-02	7.85E-06	34.00	1.00	0.13
2-Methylnaphthalene	91-57-6	142.20	2.12E-02	2.48E+03	2.46E+01	5.24E-02	7.78E-06	34.40	1.00	0.13
Acenaphthene	83-32-9	154.21	7.52E-03	5.03E+03	3.90E+00	5.06E-02	8.33E-06	93.40	1.00	0.13
Acenaphthylene	208-96-8	152.20	4.66E-03	5.03E+03	1.61E+01	4.50E-02	6.98E-06	92.50	1.00	0.13
Anthracene	120-12-7	178.24	2.27E-03	1.64E+04	4.34E-02	3.90E-02	7.85E-06	215.00	1.00	0.13
Benzo(a)anthracene	56-55-3	228.30	4.91E-04	1.77E+05	9.40E-03	5.09E-02	5.94E-06	84.00	1.00	0.13
Benzo(a)pyrene	50-32-8	252.32	1.87E-05	5.87E+05	1.62E-03	4.76E-02	5.56E-06	177.00	1.00	0.13
Benzo(b)fluoranthene	205-99-2	252.32	2.69E-05	5.99E+05	1.50E-03	4.76E-02	5.56E-06	168.00	1.00	0.13
Benzo(g,h,i)perylene	191-24-2	276.34	1.35E-05	1.95E+06	2.60E-04	4.48E-02	5.23E-06	278.00	1.00	0.13
Benzo(k)fluoranthene	207-08-9	252.32	2.39E-05	5.87E+05	8.00E-04	4.76E-02	5.56E-06	217.00	1.00	0.13
Carbazole	86-74-8	167.21	4.76E-06	3.39E+03	1.80E+00	4.17E-02	7.45E-06	245.00	1.00	0.10
Chrysene	218-01-9	228.30	2.14E-04	1.81E+05	2.00E-03	2.61E-02	6.75E-06	258.00	1.00	0.13
Dibenz(a,h)anthracene	53-70-3	278.36	5.76E-06	1.91E+06	2.49E-03	4.46E-02	5.21E-06	270.00	1.00	0.13
Dibenzofuran	132-64-9	168.20	8.70E-03	9.16E+03	3.10E+00	4.10E-02	7.38E-06	86.50	1.00	0.00
Fluoranthene	206-44-0	202.26	3.62E-04	5.55E+04	2.60E-01	2.76E-02	7.18E-06	108.00	1.00	0.13
Fluorene	86-73-7	166.22	3.93E-03	9.16E+03	1.69E+00	4.40E-02	7.89E-06	115.00	1.00	0.13
Indeno(1,2,3-c,d)pyrene	193-39-5	276.34	6.56E-05	3.47E+06	2.20E-05	4.48E-02	5.23E-06	164.00	1.00	0.13
Naphthalene	91-20-3	128.18	1.80E-02	1.54E+03	3.10E+01	6.05E-02	8.38E-06	80.20	1.00	0.13
Phenanthrene	85-01-8	178.24	1.73E-03	1.67E+04	1.15E+00	3.45E-02	6.69E-06	99.20	1.00	0.13
Pyrene	129-00-0	202.26	4.87E-04	5.43E+04	1.35E-01	2.78E-02	7.25E-06	151.00	1.00	0.13

Attachment 3
VAP Human Health Risk Assessment
Chemical Specific Reference Doses and Slope Factors
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Chemical of Concern	Reference Dose			Slope Factors and Inhalation Unit Risk Factor		
	Oral (mg/kg-day)	Inhalation (mg/m^3)	Dermal (mg/kg-day)	Oral $(mg/kg\text{-}day)^{-1}$	Inhalation $(mg/m^3)^{-1}$	Dermal $(mg/kg\text{-}day)^{-1}$
Arsenic	3.00E-04	1.00E-05	3.00E-04	1.50E+00	4.30E-03	1.50E+00
Cadmium	1.00E-03	1.00E-05	2.50E-05	NA	1.80E-03	NA
1-Methylnaphthalene	7.00E-02	NA	7.00E-02	2.90E-02	NA	NA
2-Methylnaphthalene	4.00E-03	NA	4.00E-03	NA	NA	NA
Acenaphthene	6.00E-02	NA	6.00E-02	NA	NA	NA
Acenaphthylene	6.00E-02	NA	NA	NA	NA	NA
Anthracene	3.00E-01	NA	3.00E-01	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	7.30E-01	1.40E-04	7.30E-01
Benzo(a)pyrene	NA	NA	NA	7.30E+00	1.10E-03	7.30E+00
Benzo(b)fluoranthene	NA	NA	NA	7.30E-01	1.10E-04	7.30E-01
Benzo(g,h,i)perylene	3.00E-02	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	7.30E-02	1.10E-04	7.30E-02
Carbazole	NA	NA	NA	2.00E-02	NA	2.00E-02
Chrysene	NA	NA	NA	7.30E-03	1.10E-05	7.30E-03
Dibenz(a,h)anthracene	NA	NA	NA	7.30E+00	1.20E-03	7.30E+00
Dibenzofuran	1.00E-03	NA	1.00E-03	NA	NA	NA
Fluoranthene	4.00E-02	NA	4.00E-02	NA	NA	NA
Fluorene	4.00E-02	NA	4.00E-02	NA	NA	NA
Indeno(1,2,3-c,d)pyrene	NA	NA	NA	7.30E-01	1.10E-04	7.30E-01
Naphthalene	2.00E-02	3.00E-03	2.00E-02	NA	3.40E-05	NA
Phenanthrene	3.00E-01	NA	3.00E-01	NA	NA	NA
Pyrene	3.00E-02	NA	3.00E-02	NA	NA	NA

Attachment 3
VAP Human Health Risk Assessment
Calculation of Apparent Diffusivity Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

$$D_A = \frac{[((qa)^{10/3}DiH')+((qw)^{10/3}Dw)/n^2]}{R_bK_d+qw+q_aH'}$$

Where:

DA = Apparent diffusivity (cm^2/s)
qa = Air-filled soil porosity
Di = Diffusivity in air (cm^2/s)
H' = Dimensionless Henry's Law constant
qw = Water-filled soil porosity
Dw = Diffusivity in water (cm^2/s)
n = Total soil porosity
R_b = Dry soil bulk density
K_d = Soil-water partition coefficient (cm^3/g)

Chemical of Concern	Da (cm^2/s)	Dimensionless Henry's Law	Air Diffusivity	Water Diffusivity	K_d (cm2/g)
Arsenic	NA	NA	NA	NA	29
Cadmium	NA	NA	NA	NA	75
1-Methylnaphthalene	3.75E-06	2.10E-02	5.28E-02	7.85E-06	15.2
2-Methylnaphthalene	3.84E-06	2.12E-02	5.24E-02	7.78E-06	14.9
Acenaphthene	6.52E-07	7.52E-03	5.06E-02	8.33E-06	30.2
Acenaphthylene	3.60E-07	4.66E-03	4.50E-02	6.98E-06	30.2
Anthracene	4.72E-08	2.27E-03	3.90E-02	7.85E-06	98.2
Benzo(a)anthracene	1.26E-09	4.91E-04	5.09E-02	5.94E-06	1060
Benzo(a)pyrene	2.33E-11	1.87E-05	4.76E-02	5.56E-06	3520
Benzo(b)fluoranthene	2.84E-11	2.69E-05	4.76E-02	5.56E-06	3600
Benzo(g,h,i)perylene	5.57E-12	1.35E-05	4.48E-02	5.23E-06	11700
Benzo(k)fluoranthene	2.69E-11	2.39E-05	4.76E-02	5.56E-06	3520
Carbazole	1.06E-09	4.76E-06	4.17E-02	7.45E-06	55
Chrysene	3.08E-10	2.14E-04	2.61E-02	6.75E-06	1080
Dibenz(a,h)anthracene	4.09E-12	5.76E-06	4.46E-02	5.21E-06	11500
Dibenzofuran	2.02E-09	8.70E-03	4.10E-02	7.38E-06	9160
Fluoranthene	1.69E-09	3.62E-04	2.76E-02	7.18E-06	333
Fluorene	1.63E-07	3.93E-03	4.40E-02	7.89E-06	55
Indeno(1,2,3-c,d)pyrene	8.94E-12	6.56E-05	4.48E-02	5.23E-06	20800
Naphthalene	6.03E-06	1.80E-02	6.05E-02	8.38E-06	9.26
Phenanthrene	3.13E-08	1.73E-03	3.45E-02	6.69E-06	100
Pyrene	2.29E-09	4.87E-04	2.78E-02	7.25E-06	326

Attachment 3
VAP Human Health Risk Assessment
Calculation of Volatilization Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

$$VF = (Q/C \times (3.14 \times D_A \times T)^{1/2}/(2 \times R_b \times D_A) \times 10^{-4}$$

Where:
VF = Volatilization factor (m^3/kg)
Q/C = Inverse of the mean concentration at center of square source (g/m2-s per kg/m3)
D_A = Apparent diffusivity (cm^2/s)
T = Exposure Interval (s) -
R_b = Dry soil bulk density (g/cm^3)

Chemical of Concern	Volatilization Factor
Arsenic	NA
Cadmium	NA
1-Methylnaphthalene	8.05E+04
2-Methylnaphthalene	7.96E+04
Acenaphthene	1.93E+05
Acenaphthylene	2.60E+05
Anthracene	7.18E+05
Benzo(a)anthracene	4.40E+06
Benzo(a)pyrene	3.23E+07
Benzo(b)fluoranthene	2.93E+07
Benzo(g,h,i)perylene	6.61E+07
Benzo(k)fluoranthene	3.00E+07
Carbazole	4.79E+06
Chrysene	8.88E+06
Dibenz(a,h)anthracene	7.71E+07
Dibenzofuran	3.47E+06
Fluoranthene	3.79E+06
Fluorene	3.86E+05
Indeno(1,2,3-c,d)pyrene	5.21E+07
Naphthalene	6.35E+04
Phenanthrene	8.81E+05
Pyrene	3.26E+06

Attachment 3
VAP Human Health Risk Assessment
Calculation of the Particulate Emission Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

PEF (m^3/kg) = Q/C x 3600/0.036 x (1-V) x Um/Ut)3 x F(x)

			Default Values:
Where:	PEF =	Particulate emission factor (m^3/kg)	9.24E+08
	Q/C =	Inverse of Mean concentration at center of square	83.22
		source (g/m2-s per kg/m3)	0.5
	V =	Fraction of Vegetative Cover (unitless)	4.83
	U_m =	Mean annual windspeed (m/s)	11.32
	U_t =	Equivalent threshold value of windspeed at 7 m (m/s)	0.232
	F(x) =	Function dependent on Um/Ut (unitless)	

Chemical Of Concern	PEF (m^3/kg)
For all chemicals of concern	9.50E+08

Attachment 3
VAP Human Health Risk Assessment
Calculation of the Oral Intake Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

IForal = (IR x EF x ED x FI x CF)/(BW x AT)

Where:
IForal = Ingestion intake factor (kg/kg-day)
EF = Exposure frequency (days/yr)
FI = Fraction soil ingested (unitless)
BW = Body weight (kg)
IR = Soil ingestion rate (mg/day)
ED = Exposure duration (yrs)
CF1 = Conversion factor (kg/mg)
AT = Averaging time (days)

Chemical of Concern	Iforal	
	Noncarcinogenic (kg/kg-day)	Carcinogenic (kg/kg-day)
For all chemicals of concern	1.64E-06	2.01E-07

Attachment 3
VAP Human Health Risk Assessment
Calculation of the Dermal Intake Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

IFderm = (SA x EF x ED x AFx FDerm x $Derm_{absorp}$ x CF) / (BW x AT)

Where:
IFderm = Intake factor for dermal contact (kg/kg-day)
SA = Surface area (cm^2)
EF = Exposure frequency (days/yr)
ED = Exposure duration (yrs)
AF = Adherence factor (mg/cm^2)
FDerm = Fraction of contaminated soil contacted
$Derm_{absorp}$ = Dermal Absorption factor (unitless)
CF = Conversion factor (kg/mg)
BW = Body weight (kg)
AT = Averaging time (days)

Chemical of Concern	IFdermal	
	Noncarcinogenic (kg/kg-day)	Carcinogenic (kg/kg-day)
Arsenic	1.38E-07	1.91E-08
Cadmium	1.15E-10	1.59E-11
1-Methylnaphthalene	5.98E-07	8.26E-08
2-Methylnaphthalene	5.98E-07	8.26E-08
Acenaphthene	5.98E-07	8.26E-08
Acenaphthylene	5.98E-07	8.26E-08
Anthracene	5.98E-07	8.26E-08
Benzo(a)anthracene	5.98E-07	8.26E-08
Benzo(a)pyrene	5.98E-07	8.26E-08
Benzo(b)fluoranthene	5.98E-07	8.26E-08
Benzo(g,h,i)perylene	5.98E-07	8.26E-08
Benzo(k)fluoranthene	5.98E-07	8.26E-08
Carbazole	4.60E-07	6.35E-08
Chrysene	5.98E-07	8.26E-08
Dibenz(a,h)anthracene	5.98E-07	8.26E-08
Dibenzofuran	0.00E+00	0.00E+00
Fluoranthene	5.98E-07	8.26E-08
Fluorene	5.98E-07	8.26E-08
Indeno(1,2,3-c,d)pyrene	5.98E-07	8.26E-08
Naphthalene	5.98E-07	8.26E-08
Phenanthrene	5.98E-07	8.26E-08
Pyrene	5.98E-07	8.26E-08

Attachment 3
VAP Human Health Risk Assessment
Calculation of the Inhalation Intake Factor
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

IFinh = (IR x EF x ED x ET x FInh (1/PEF+1/VF)) / (AT x BW)

IFinh = Intake factor for inhalation (kg/kg-day)
IR = Inhalation rate (m^3/hr)
EF = Exposure frequency (days/yr)
ED = Exposure duration (yrs)
ET = Exposure time (hours/day)
PEF = Particulate emission factor(m^3/kg)
VF = Volatile emission factor (m^3/kg)
BW = Body weight (kg)
AT = Averaging time (days)

Chemical of Concern	IFinh	
	Noncarcinogenic (kg/kg-day)	Carcinogenic (kg/kg-day)
Arsenic	8.65E-11	6.35E-12
Cadmium	8.65E-11	6.35E-12
1-Methylnaphthalene	5.11E-07	7.51E-08
2-Methylnaphthalene	5.16E-07	7.59E-08
Acenaphthene	2.13E-07	3.13E-08
Acenaphthylene	1.58E-07	2.32E-08
Anthracene	5.73E-08	8.42E-09
Benzo(a)anthracene	8.65E-11	6.35E-12
Benzo(a)pyrene	8.65E-11	6.35E-12
Benzo(b)fluoranthene	8.65E-11	6.35E-12
Benzo(g,h,i)perylene	8.65E-11	6.35E-12
Benzo(k)fluoranthene	8.65E-11	6.35E-12
Carbazole	8.65E-11	6.35E-12
Chrysene	8.65E-11	6.35E-12
Dibenz(a,h)anthracene	8.65E-11	6.35E-12
Dibenzofuran	1.19E-08	1.75E-09
Fluoranthene	8.65E-11	6.35E-12
Fluorene	1.07E-07	1.57E-08
Indeno(1,2,3-c,d)pyrene	8.65E-11	6.35E-12
Naphthalene	6.47E-07	9.51E-08
Phenenthrene	4.67E-08	6.86E-09
Pyrene	8.65E-11	6.35E-12

Attachment 3
VAP Human Health Risk Assessment
Total Risk - Oral Pathway
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Noncarcinogenic $\mathbf{TC_{oral} = HQ/(IForal/RfDoral)}$

Where: HQ = Hazard Quotient (unitless)
IForal = Ingestion Intake Factor (kg/kg-day)
RfDoral = Oral Reference Dose (mg/kg-day)

Carcinogenic $\mathbf{TC_{oral} = Risk/(IForal \times SForal)}$

Where: Risk = Excess Lifetime Cancer Risk (unitless)
IForal = Ingestion Intake Factor (kg/kg-day)
SForal = Oral Slope Factor $(mg/kg\text{-}day)^{-1}$

Chemical of Concern	TCoral	
	Noncarcinogenic (mg/kg)	Carcinogenic (mg/kg)
Arsenic	3.04E+02	5.52E+01
Cadmium	6.08E+02	0.00E+00
1-Methylnaphthalene	4.26E+04	1.71E+03
2-Methylnaphthalene	2.43E+03	0.00E+00
Acenaphthene	3.65E+04	0.00E+00
Acenaphthylene	3.65E+04	0.00E+00
Anthracene	1.83E+05	0.00E+00
Benzo(a)anthracene	0.00E+00	6.81E+01
Benzo(a)pyrene	0.00E+00	6.81E+00
Benzo(b)fluoranthene	0.00E+00	6.81E+01
Benzo(g,h,i)perylene	1.83E+04	0.00E+00
Benzo(k)fluoranthene	0.00E+00	6.81E+02
Carbazole	0.00E+00	2.48E+03
Chrysene	0.00E+00	6.81E+03
Dibenz(a,h)anthracene	0.00E+00	6.81E+00
Dibenzofuran	6.08E+02	0.00E+00
Fluoranthene	2.43E+04	0.00E+00
Fluorene	2.43E+04	0.00E+00
Indeno(1,2,3-c,d)pyrene	0.00E+00	6.81E+01
Naphthalene	1.22E+04	0.00E+00
Phenanthrene	1.83E+05	0.00E+00
Pyrene	1.83E+04	0.00E+00

Attachment 3
VAP Human Health Risk Assessment
Total Risk - Dermal Pathway
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Noncarcinogenic $\mathbf{TC_{derm} = HQ/(IFderm/RfDderm)}$

HQ = Hazard Quotient (unitless)
IFderm = Dermal Intake Factor (kg/kg-day)
RfDderm = Dermal Reference Dose (mg/kg-day)

Carcinogenic $\mathbf{TC_{derm} = Risk/(IFderm \times SFderm)}$

Risk = Excess Lifetime Cancer Risk (unitless)
IFderm = Dermal Intake Factor (kg/kg-day)
SFderm = Dermal Reference Dose $(mg/kg\text{-}day)^{-1}$

Chemical Of Concern	TCderm	
	Noncarcinogenic (mg/kg)	Carcinogenic (mg/kg)
Arsenic	2.17E+03	3.50E+02
Cadmium	2.17E+05	0.00E+00
1-Methylnaphthalene	1.17E+05	0.00E+00
2-Methylnaphthalene	6.68E+03	0.00E+00
Acenaphthene	1.00E+05	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00
Anthracene	5.01E+05	0.00E+00
Benzo(a)anthracene	0.00E+00	1.66E+02
Benzo(a)pyrene	0.00E+00	1.66E+01
Benzo(b)fluoranthene	0.00E+00	1.66E+02
Benzo(g,h,i)perylene	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	1.66E+03
Carbazole	0.00E+00	7.87E+03
Chrysene	0.00E+00	1.66E+04
Dibenz(a,h)anthracene	0.00E+00	1.66E+01
Dibenzofuran	0.00E+00	0.00E+00
Fluoranthene	6.68E+04	0.00E+00
Fluorene	6.68E+04	0.00E+00
Indeno(1,2,3-c,d)pyrene	0.00E+00	1.66E+02
Naphthalene	3.34E+04	0.00E+00
Phenanthrene	5.01E+05	0.00E+00
Pyrene	5.01E+04	0.00E+00

Attachment 3
VAP Human Health Risk Assessment
Total Risk- Inhalation Pathway
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Noncarcinogenic **TCinh = HQ/(IFinh/RfDinh)**

Where: HQ = Hazard Quotient (unitless)
IFinh = Inhalation Intake Factor (kg/kg-day)
RfDinh = Inhalation Reference Dose (mg/kg-day)

Carcinogenic **TCinh = Risk/(IFinh x SFinh)**

Where: Risk = Excess Lifetime Cancer Risk (unitless)
IFinh = Inhalation Intake Factor (kg/kg-day)
RfDinh = Inhalation Slope Factor $(mg/kg\text{-}day)^{-1}$

Chemical of Concern	TCinh	
	Noncarcinogenic (mg/kg)	Carcinogenic (mg/kg)
Arsenic	1.16E+05	6.27E+04
Cadmium	1.16E+05	1.50E+05
1-Methylnaphthalene	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	1.78E+04
Benzo(a)pyrene	0.00E+00	1.61E+04
Benzo(b)fluoranthene	0.00E+00	1.46E+05
Benzo(g,h,i)perylene	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	1.50E+05
Carbazole	0.00E+00	0.00E+00
Chrysene	0.00E+00	4.54E+05
Dibenz(a,h)anthracene	0.00E+00	3.38E+04
Dibenzofuran	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00
Indeno(1,2,3-c,d)pyrene	0.00E+00	2.55E+05
Naphthalene	4.63E+03	1.06E+03
Phenanthrene	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00

Attachment 3
VAP Human Health Risk Assessment
Total Risk - Direct Contact
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

$$TC_{Total} = 1/((1/TC_{oral}) + (1/TC_{derm}) + (1/TC_{inh}))$$

Where: TC_{Total} = Target Concentration for Aggregate Direct Contact Pathway (mg/kg)
TC_{oral} = Target concentration for Oral Route of Exposure (mg/kg)
TC_{derm} = Target Concentration for Dermal Route of Exposure (mg/kg)
TC_{inh} = Target Concentration for Inhalation Route of Exposure (mg/kg)

Chemical of Concern	TCtotal	
	Noncarcinogenic (mg/kg)	Carcinogenic (mg/kg)
Arsenic	266.20	47.64
Cadmium	603.47	149,879.33
1-Methylnaphthalene	31,219.45	1,713.12
2-Methylnaphthalene	1,783.97	NA
Acenaphthene	26,759.53	NA
Acenaphthylene	36,500.00	NA
Anthracene	133,797.65	NA
Benzo(a)anthracene	NA	48.12
Benzo(a)pyrene	NA	4.82
Benzo(b)fluoranthene	NA	48.24
Benzo(g,h,i)perylene	18,250.00	NA
Benzo(k)fluoranthene	NA	480.98
Carbazole	NA	1,887.99
Chrysene	NA	4,774.50
Dibenz(a,h)anthracene	NA	4.82
Dibenzofuran	608.33	NA
Fluoranthene	17,839.69	NA
Fluorene	17,839.69	NA
Indeno(1,2,3-c,d)pyrene	NA	48.24
Naphthalene	3,050.02	1,060.26
Phenanthrene	133,797.65	NA
Pyrene	13,379.77	NA

Attachment 3
VAP Human Health Risk Assessment
Calculated Soil Saturation Concentration
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

$$C_{SAT} = S/P_b(K_d P_b + \theta_W + H' \theta_a)$$

Where:
C_{sat} = Soil saturation limit (mg/kg)
S = Solubility in water (mg/kg)
Pb = Dry soil bulk density (kg/L)
K_d = Soil - water partition coefficient
θ_W = Water filled soil porosity (L_{water}/L_{soil})
θ_A = Air filled soil porosity (L_{air}/L_{soil})
H' = Dimensionless Henry's Law Constant

Chemical of Concern	C_{SAT} (mg/kg)	K_d	Solubility (mg/L water)
Arsenic	NA	2.90E+01	NA
Cadmium	NA	7.50E+01	NA
1-Methylnaphthalene	NA	1.52E+01	2.58E+01
2-Methylnaphthalene	NA	1.49E+01	2.46E+01
Acenaphthene	NA	3.02E+01	3.90E+00
Acenaphthylene	NA	3.02E+01	1.61E+01
Anthracene	NA	9.82E+01	4.34E-02
Benzo(a)anthracene	NA	1.06E+03	9.40E-03
Benzo(a)pyrene	NA	3.52E+03	1.62E-03
Benzo(b)fluoranthene	NA	3.60E+03	1.50E-03
Benzo(g,h,i)perylene	NA	1.17E+04	2.60E-04
Benzo(k)fluoranthene	NA	3.52E+03	8.00E-04
Carbazole	NA	5.50E+01	1.80E+00
Chrysene	NA	1.08E+03	2.00E-03
Dibenz(a,h)anthracene	NA	1.15E+04	2.49E-03
Dibenzofuran	NA	9.16E+03	3.10E+00
Fluoranthene	NA	3.33E+02	2.60E-01
Fluorene	NA	5.50E+01	1.69E+00
Indeno(1,2,3-c,d)pyrene	NA	2.08E+04	2.20E-05
Naphthalene	NA	9.26E+00	3.10E+01
Phenanthrene	NA	1.00E+02	1.15E+00
Pyrene	NA	3.26E+02	1.35E-01

Attachment 3
VAP Human Health Risk Assessment
Single Chemical Generic Direct Contact Soil Standard
Recreational Land Use
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Chemical of Concern	Single-Chemical Noncarcinogenic Endpoint (mg/kg)	Single-Chemical Carcinogenic Endpoint (mg/kg)	Soil Saturation Concentration (mg/kg)	Single-Chemical Direct Contact Standard for Recreational Land Use (mg/kg)
Arsenic	266.20	47.64	NA	47.00
Cadmium	603.47	149,879.33	NA	600.00
1-Methylnaphthalene	31,219.45	1,713.12	NA	1,700.00
2-Methylnaphthalene	1,783.97	NA	NA	1,800.00
Acenaphthene	26,759.53	NA	NA	26,000.00
Acenaphthylene	36,500.00	NA	NA	36,500.00
Anthracene	133,797.65	NA	NA	130,000.00
Benzo(a)anthracene	NA	48.12	NA	48.00
Benzo(a)pyrene	NA	4.82	NA	4.80
Benzo(b)fluoranthene	NA	48.24	NA	48.00
Benzo(g,h,i)perylene	18,250.00	NA	NA	18,000.00
Benzo(k)fluoranthene	NA	480.98	NA	480.00
Carbazole	NA	1,887.99	NA	1,900.00
Chrysene	NA	4,774.50	NA	4,800.00
Dibenz(a,h)anthracene	NA	4.82	NA	4.80
Dibenzofuran	608.33	NA	NA	600.00
Fluoranthene	17,839.69	NA	NA	18,000.00
Fluorene	17,839.69	NA	NA	18,000.00
Indeno(1,2,3-c,d)pyrene	NA	48.24	NA	48.00
Naphthalene	3,050.02	1,060.26	NA	1,000.00
Phenanthrene	133,797.65	NA	NA	130,000.00
Pyrene	13,379.77	NA	NA	13,000.00

ATTACHMENT 4

PROUCL© CALCULATIONS

Attachment 4
ProUCL 95 Percent UCL Calculation
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

UCL Statistics for Uncensored Full Data Sets

User Selected Options	
Date/Time of Computation	8/22/2016 14:00
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

lead

General Statistics			
Total Number of Observations	25	Number of Distinct Observations	24
		Number of Missing Observations	0
Minimum	16	Mean	396.7
Maximum	2900	Median	110
SD	633	Std. Error of Mean	126.6
Coefficient of Variation	1.596	Skewness	2.957

Normal GOF Test			
Shapiro Wilk Test Statistic	0.619	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.918	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.274	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.177	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			

Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	613.3	95% Adjusted-CLT UCL (Chen-1995)	685
		95% Modified-t UCL (Johnson-1978)	625.8

Gamma GOF Test			
A-D Test Statistic	0.848	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.792	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.182	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.182	Detected data appear Gamma Distributed at 5% Significance Level	
Detected data follow Appr. Gamma Distribution at 5% Significance Level			

Gamma Statistics			
k hat (MLE)	0.656	k star (bias corrected MLE)	0.604
Theta hat (MLE)	605.1	Theta star (bias corrected MLE)	657.2
nu hat (MLE)	32.78	nu star (bias corrected)	30.18
MLE Mean (bias corrected)	396.7	MLE Sd (bias corrected)	510.6
		Approximate Chi Square Value (0.05)	18.64
Adjusted Level of Significance	0.0395	Adjusted Chi Square Value	18.02

Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50)	642.5	95% Adjusted Gamma UCL (use when n<50)	664.6

Attachment 4
ProUCL 95 Percent UCL Calculation
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.96	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.918	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.118	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.177	Data appear Lognormal at 5% Significance Level	
Data appear Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	2.773	Mean of logged Data	5.053
Maximum of Logged Data	7.972	SD of logged Data	1.421
Assuming Lognormal Distribution			
95% H-UCL	1047	90% Chebyshev (MVUE) UCL	813.6
95% Chebyshev (MVUE) UCL	1001	97.5% Chebyshev (MVUE) UCL	1262
99% Chebyshev (MVUE) UCL	1774		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			
Nonparametric Distribution Free UCLs			
95% CLT UCL	605	95% Jackknife UCL	613.3
95% Standard Bootstrap UCL	598.3	95% Bootstrap-t UCL	817.7
95% Hall's Bootstrap UCL	1432	95% Percentile Bootstrap UCL	635
95% BCA Bootstrap UCL	687.5		
90% Chebyshev(Mean, Sd) UCL	776.5	95% Chebyshev(Mean, Sd) UCL	948.6
97.5% Chebyshev(Mean, Sd) UCL	1187	99% Chebyshev(Mean, Sd) UCL	1656
Suggested UCL to Use			
95% Adjusted Gamma UCL	664.6		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

Attachment 4
ProUCL 95 Percent UCL Calculation
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

BaP

General Statistics

Total Number of Observations	9	Number of Distinct Observations	9
		Number of Missing Observations	0
Minimum	0.58	Mean	3.509
Maximum	13	Median	2.5
SD	3.785	Std. Error of Mean	1.262
Coefficient of Variation	1.079	Skewness	2.383

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use
guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.
For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).
Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.702	Shapiro Wilk GOF Test	
5% Shapiro Wilk Critical Value	0.829	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.3	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.295	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	5.855	95% Adjusted-CLT UCL (Chen-1995)	6.655
		95% Modified-t UCL (Johnson-1978)	6.022

Gamma GOF Test

A-D Test Statistic	0.4	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.735	Detected data appear Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.196	Kolmogrov-Smirnoff Gamma GOF Test	
5% K-S Critical Value	0.284	Detected data appear Gamma Distributed at 5% Significance Level	
Detected data appear Gamma Distributed at 5% Significance Level			

Gamma Statistics

k hat (MLE)	1.455	k star (bias corrected MLE)	1.044
Theta hat (MLE)	2.411	Theta star (bias corrected MLE)	3.36
nu hat (MLE)	26.2	nu star (bias corrected)	18.8
MLE Mean (bias corrected)	3.509	MLE Sd (bias corrected)	3.434
		Approximate Chi Square Value (0.05)	9.97
Adjusted Level of Significance	0.0231	Adjusted Chi Square Value	8.647

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	6.616	95% Adjusted Gamma UCL (use when n<50)	7.628

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.974	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk Critical Value	0.829	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.148	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.295	Data appear Lognormal at 5% Significance Level	
Data appear Lognormal at 5% Significance Level			

Attachment 4
ProUCL 95 Percent UCL Calculation
Sheridan Avenue Property
City of Bexley
Bexley, Ohio

Lognormal Statistics			
Minimum of Logged Data	-0.545	Mean of logged Data	0.874
Maximum of Logged Data	2.565	SD of logged Data	0.9
Assuming Lognormal Distribution			
95% H-UCL	9.39	90% Chebyshev (MVUE) UCL	6.546
95% Chebyshev (MVUE) UCL	7.975	97.5% Chebyshev (MVUE) UCL	9.957
99% Chebyshev (MVUE) UCL	13.85		
Nonparametric Distribution Free UCL Statistics			
Data appear to follow a Discernible Distribution at 5% Significance Level			
Nonparametric Distribution Free UCLs			
95% CLT UCL	5.584	95% Jackknife UCL	5.855
95% Standard Bootstrap UCL	5.499	95% Bootstrap-t UCL	10.05
95% Hall's Bootstrap UCL	15.31	95% Percentile Bootstrap UCL	5.733
95% BCA Bootstrap UCL	6.676		
90% Chebyshev(Mean, Sd) UCL	7.294	95% Chebyshev(Mean, Sd) UCL	9.009
97.5% Chebyshev(Mean, Sd) UCL	11.39	99% Chebyshev(Mean, Sd) UCL	16.06
Suggested UCL to Use			
95% Adjusted Gamma UCL	7.628		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

ATTACHMENT 5

TIME-WEIGHTING CALCULATION EQUATIONS,

GRAPHICAL OUTPUT OF THE IEUBK MODEL,
AND

ALM SPREADSHEET

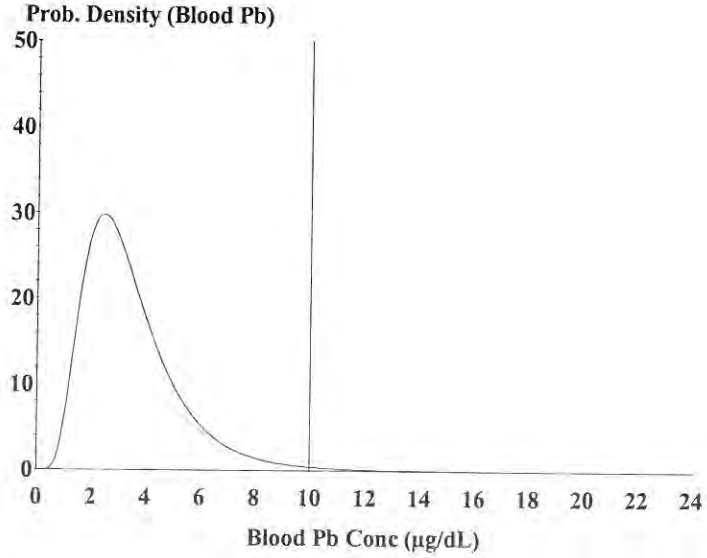
IEUBK Weighted Soil Concentrations

$$PbS_w = (PbS_i \times f_i) + (PbS_j \times f_j)$$

PbS_w = Weighted soil lead concentration across all exposure locations (i.e. residence and park)
PbS_i = Soil lead concentration for each location (i=residence, j=park)
f_i = Fraction of time spent at each location (i=residence, j=park) (days/week)

PbS_w = Varies per exposure duration
PbS_i = i=200 mg/kg, j=450mg/kg
f_i = I and j = 0 to 4 days per 7 days

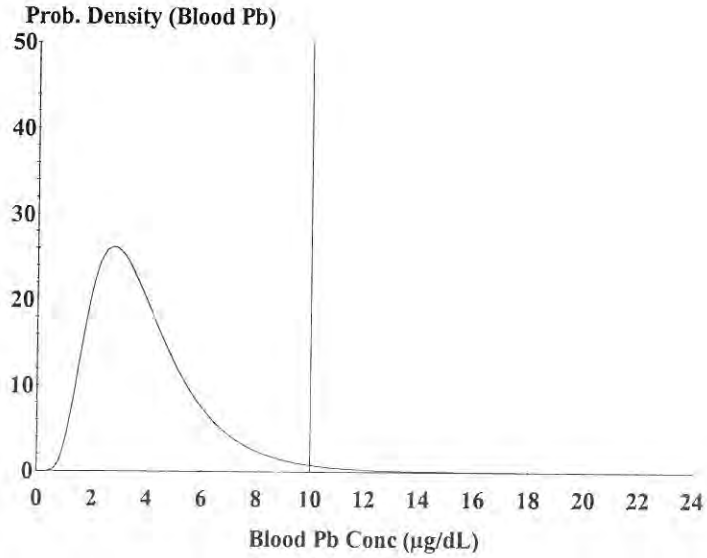
Table 2 presents the weighted soil concentrations, i.e. the results of this calculation.



Cutoff = 10.000 µg/dl
Geo Mean = 3.178
GSD = 1.600
% Above = 0.736
% Below = 99.264

Age Range = 0 to 84 months

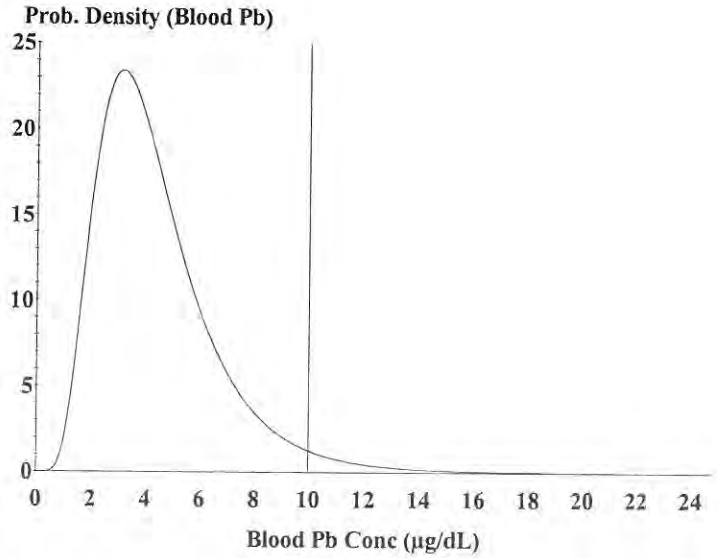
Run Mode = Research
Comment = 550/1 days secondary exposure



Cutoff = 10.000 µg/dl
Geo Mean = 3.616
GSD = 1.600
% Above = 1.522
% Below = 98.478

Age Range = 0 to 84 months

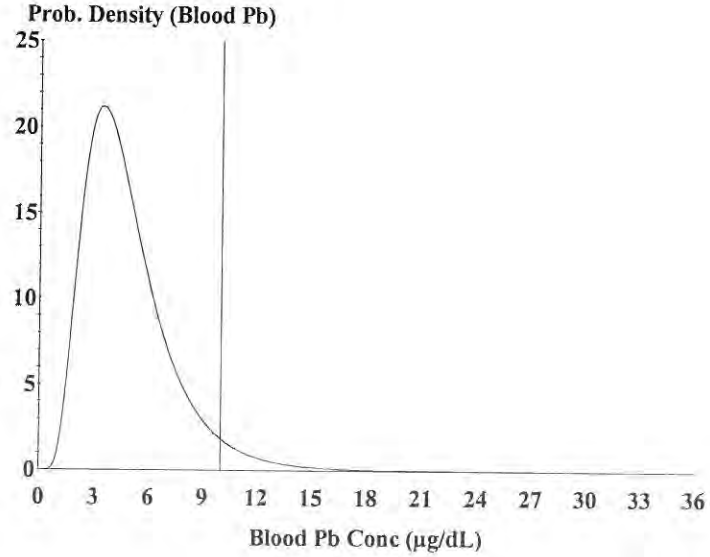
Run Mode = Research
Comment = 550/2 days secondary exposure



Cutoff = 10.000 µg/dl
Geo Mean = 4.045
GSD = 1.600
% Above = 2.708
% Below = 97.292

Age Range = 0 to 84 months

Run Mode = Research
Comment = 550/3 days secondary exposure



Cutoff = 10.000 µg/dl
Geo Mean = 4.466
GSD = 1.600
% Above = 4.315
% Below = 95.685

Age Range = 0 to 84 months

Run Mode = Research
Comment = 550/4 days secondary

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 05/19/03

Exposure Variable	PbB Equation[1] 1*	2**	Description of Exposure Variable	Units	Values for Non-Residential Exposure Scenario			
					Using Equation 1		Using Equation 2	
					GSDi = Hom	GSDi = Het	GSDi = Hom	GSDi = Het
PbS	X	X	Soil lead concentration	ug/g or ppm	550	550	550	550
$R_{fetal/maternal}$	X	X	Fetal/maternal PbB ratio	--	0.9	0.9	0.9	0.9
BKSF	X	X	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4	0.4	0.4
GSD_i	X	X	Geometric standard deviation PbB	--	2.1	1.8	2.1	2.3
PbB_0	X	X	Baseline PbB	ug/dL	1.5	1.0	1.5	1.7
IR_S	X		Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100	0.100	--	--
IR_{S+D}		X	Total ingestion rate of outdoor soil and indoor dust	g/day	--	--	0.100	0.100
W_S		X	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--	--	1.0	1.0
K_{SD}		X	Mass fraction of soil in dust	--	--	--	0.7	0.7
$AF_{S,D}$	X	X	Absorption fraction (same for soil and dust)	--	0.12	0.12	0.12	0.12
$EF_{S,D}$	X	X	Exposure frequency (same for soil and dust)	days/yr	90	90	90	90
$AT_{S,D}$	X	X	Averaging time (same for soil and dust)	days/yr	365	365	365	365
PbB_{adult}	**PbB of adult worker, geometric mean**			ug/dL	**2.2**	**1.7**	**2.2**	**2.4**
$PbB_{fetal,0.95}$	**95th percentile PbB among fetuses of adult workers**			ug/dL	**6.6**	**3.9**	**6.6**	**8.3**
PbB_t	**Target PbB level of concern (e.g., 10 ug/dL)**			ug/dL	**10.0**	**10.0**	**10.0**	**10.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**			%	**1.3%**	**0.1%**	**1.3%**	**3.1%**

[1] Equation 1 does not apportion exposure between soil and dust ingestion (excludes W_S, K_{SD}).
When $IR_S = IR_{S+D}$ and $W_S = 1.0$, the equations yield the same $PbB_{fetal,0.95}$.

***Equation 1, based on Eq. 1, 2 in USEPA (1996).**

PbB_{adult} =	$(PbS*BKSF*IR_{S+D}*AF_{S,D}*EF_S/AT_{S,D}) + PbB_0$
$PbB_{fetal,0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

****Equation 2, alternate approach based on Eq. 1, 2, and A-19 in USEPA (1996).**

PbB_{adult} =	$PbS*BKSF*([(IR_{S+D})*AF_S*EF_S*W_S]+[K_{SD}*(IR_{S+D})*(1-W_S)*AF_D*EF_D])/365+PbB_0$
$PbB_{fetal,0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

Source: U.S. EPA (1996). Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil

GEOTECHNICAL CONSULTANTS INC.

GCI PROJECT #17-E-21430

Phase II Environmental Assessment Services Report

Mayfield Place & Ferndale Place Property
Bexley, Franklin County, Ohio

Prepared for:
City of Bexley

December 27, 2017

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Environmental Assessment Services Report

December 27, 2017

Mr. Marc Fishel
City Attorney
City of Bexley
2242 East Main Street
Bexley, OH 43209

Reference: Mayfield Place & Ferndale Place Property
Bexley, Franklin County, Ohio
GCI Project No. 17-E-21430

Dear Mr. Fishel:

1.0 INTRODUCTION

As you authorized, Geotechnical Consultants, Inc. (GCI) performed Phase II environmental site assessment (Phase II ESA) services of the above-referenced property (the property). GCI performed the Phase II ESA activities in accordance with the City of Bexley's authorization of GCI Proposals 17E0303B and 17E0442.

The Phase II ESA activities included collecting soil and ground water samples from sixteen (16) sub-surface soil borings for laboratory analysis. The sample locations, sampling depth intervals, and chemicals of concern (COCs) for analysis were determined by the City of Bexley.

2.0 SAMPLING and ANALYSIS

The soil boring locations are shown on the attached **Figure 1**. GCI collected continuous soil sample cores in the borings at 2-foot intervals. Soil boring depths ranged from 10 feet below ground surface (bgs) to 24 feet bgs. GCI placed the sample cores into food-grade sample baggies and/or glass jars, and logged the soil lithology with respect to grain size, color, texture, moisture and odor. The attached **Test Boring Logs** recording the soil descriptions in the borings evaluated herein are attached.

The soil borings encountered fill materials ranging from approximately 3 feet to 19 feet bgs. Fill materials encountered consisted of mixtures of varying amounts of materials that included topsoil, clay, silt, sand, gravel, cinders, concrete, slag, brick, wood,

ceramics, and organics. Below the fill were natural clay-based soils overlying sand and gravel. Ground water seepage was encountered in the sand and gravel in the borings at depths ranging from 10 feet to 22 feet bgs. No bedrock was encountered in the borings.

In accordance with GCI Proposal 17E442, GCI placed a portion of each 2-foot soil sample interval collected from the borings EB-13 to EB-16 into food-grade, zip-lock plastic bags for headspace screening with a Mini-RAE Lite photoionization detector (PID). The PID detects total volatile organics and is used as a screening tool in selecting samples for laboratory analysis. The tip of the PID was placed into the sample bag and a reading was taken for approximately 10 to 15 seconds. The PID readings are shown on the attached boring logs. PID readings on soils ranged from a minimum of 0.0 parts per million (ppm) to a maximum of 0.4 ppm, which does not suggest the presence of significant volatile organic compounds concentrations in these samples.

GCI collected grab ground water samples from the open boreholes in borings EB-1 to EB-12 using a peristaltic pump and dedicated polyethylene tubing.

GCI collected soil and ground water samples into appropriate laboratory glassware and placed the samples in an ice-filled cooler for transportation to the laboratory. GCI shipped samples via overnight delivery to ESC Lab Sciences (ESC) in Mt. Juliet, Tennessee. ESC is Ohio Voluntary Action Program (VAP) Certified Laboratory number CL0069.

GCI submitted soil samples from borings EB-1 to EB-12 to the laboratory based requirements in the City of Bexley Request for Proposal (RFP) document attached to GCI Proposal 17E0303B, and a change via verbal authorization from City of Bexley Mayor Ben Kessler on December 1, 2017. Soil samples collected and analyzed from these borings included:

- Surface sample: VAP metals
- Sample at 4’ bgs: VAP metals and polynuclear aromatic hydrocarbons (PAH)
- Sample at 8’ bgs: VAP metals and PAH
- Sample at 12’ bgs: VAP metals and PAH

GCI submitted soil samples from borings EB-13 to EB-16 to the laboratory based on the scope of services presented in GCI Proposal 17E0442. Soil samples collected and analyzed from these borings included:

- Surface sample: VAP metals
- One 2-foot sample interval from 2-10’ bgs with highest PID: VAP metals and PAH

The grab ground water samples were analyzed for VAP metals and PAH.

After receiving laboratory analytical results, GCI compiled summary tables attached as **Table 1 – Soil Analytical Results** and **Table 2 – Ground Water Analytical Results**. Also attached to this report are the **Laboratory Analytical Report** and sample **Chain of Custody** documentation.

GCI collected grab ground water samples from open boreholes. Ground water monitoring wells were not included in the Phase II ESA. Grab ground water samples collected in open boreholes typically have high turbidity as a result of unavoidable entrainment of soil particles, resulting in higher concentrations of metals than may actually be present in the ground water.

Please contact our office if you have any questions or would like GCI's additional assistance with the project. Thank you very much for the opportunity to serve you on this project.

Respectfully submitted,
Geotechnical Consultants, Inc. (GCI)

Michael A. Lacher, CP
Senior Project Geologist

Bruce A. Savage, CP, CPG
Principal – Director Environmental Services

Attachments:

Figure 1 – Sample Location Map
Table 1 – Soil Laboratory Analytical Results
Table 2 – Ground Water analytical Results
Test Boring Logs
ESC Laboratory Report and Chain of Custody

cc: GCI File

LIMITATIONS AND QUALIFICATIONS

This report is an instrument of professional service prepared by GCI for the sole use of the City of Bexley and other parties that may be designated jointly by the City of Bexley and GCI. Any other party that wishes to use or rely upon this report, or that wishes to duplicate, otherwise reproduce or copy, or excerpt from, or quote this report must apply for authorization to do so. Any unauthorized use of or reliance on this report shall release GCI from any liability resulting from such use or reliance. Any unauthorized duplication, other reproduction or copying, or excerption or quotation of this report shall expose the violator to all legal remedies available to GCI.

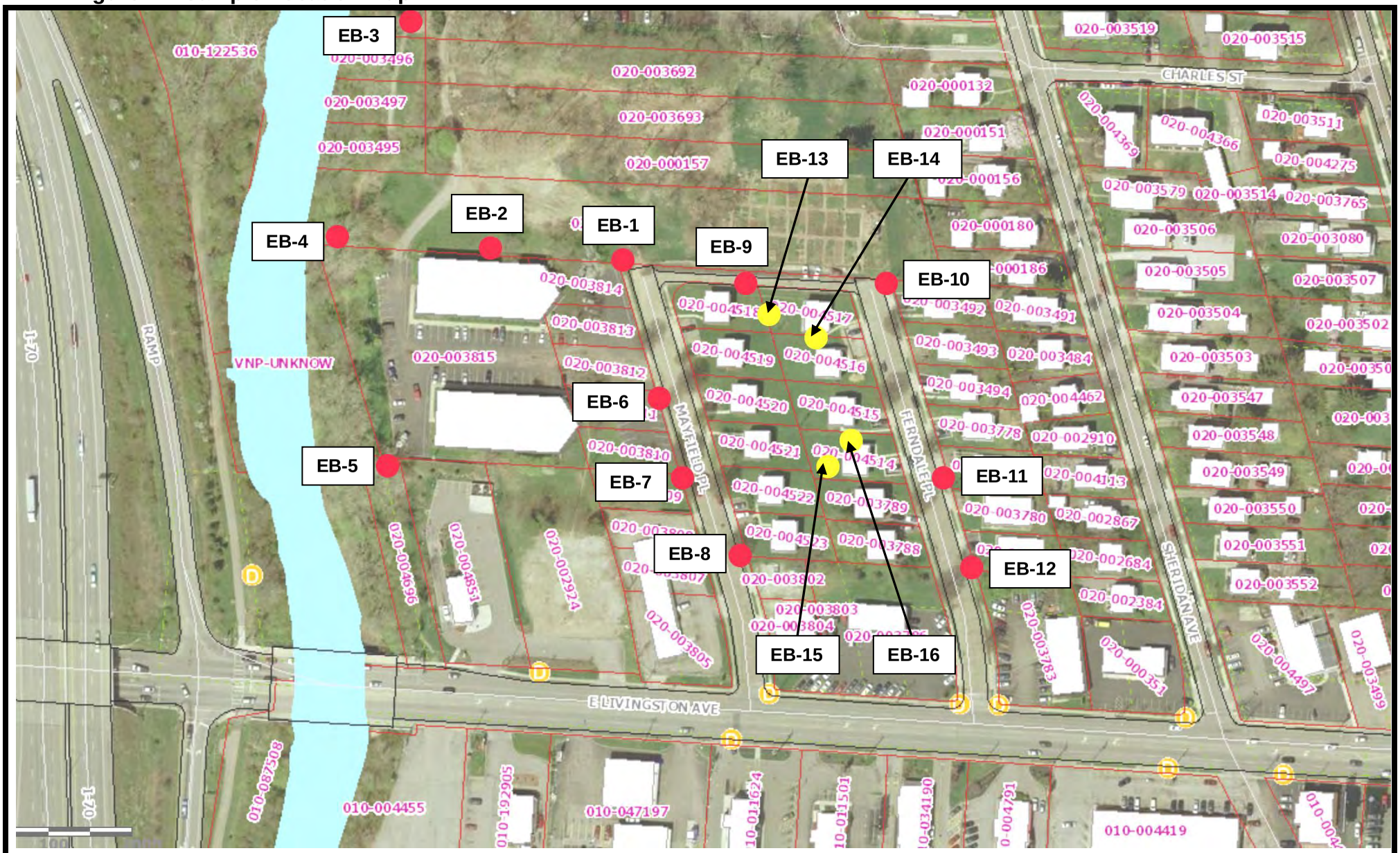
GCI performed these Phase II ESA services in accordance with our proposal and the generally accepted practices of environmental professionals performing similar services in the same locale under similar circumstances at the time of this assessment. No statement of opinion contained in this report shall be construed to create any warranty or representation that the real Property, on which the assessment was performed, is free of pollution or complies with any or all applicable regulatory or statutory requirements; or that the Property is fit for any particular purpose. No attempt was made to evaluate the compliance of present or past owners of the Property with federal, state or local laws and regulations.

The conclusions presented in this report were based upon the services described, and not on scientific tasks or procedures beyond the scope of described services or time and budgetary constraints. Any person or entity concerning the Property shall be solely responsible for determining the adequacy of the Property for any and all uses for which that person or entity shall use the Property. Any person or entity considering the use, acquisition or other involvement or activity concerning the Property which is the subject of this report should enter into any use, occupation, acquisition or the like on sole reliance of their own judgment and on their own personal assessment of such Property and not in reliance upon any representation by GCI regarding such Property, the character, quality or value thereof. GCI shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time we performed the assessment.

GEOTECHNICAL
CONSULTANTS INC.

ATTACHMENTS

Figure 1 – Sample Location Map



City of Bexley Property
Mayfield Place and Ferndale Place
Bexley, Franklin County, Ohio
GCI Project # 17-E-21430
Geotechnical Consultants, Inc. • 720 Greencrest Drive • Westerville • Ohio • 614-895-1400

North

Table 1 - Soil Analytical Results

City of Bexley Property
Ferndale Place and Mayfield Place
Bexley, Franklin County, Ohio
GCI Project 17-E-21430

		Lab Sample ID	L956532-01	L956532-02	L956532-03	L956532-04	L956532-05	L956532-06	L956532-07	L956532-08	L956532-09	L956532-10	L956532-11	L956532-12	L956532-13	L956532-14	L956532-15
		Sample ID	**EB-1**	**EB-2**	**EB-3**	**EB-4**	**EB-5**	**EB-6**	**EB-7**	**EB-8**	**EB-9**	**EB-10**	**EB-11**	**EB-12**	**EB-13**	**EB-14**	**EB-15**
		Sample Depth	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**	**0'**
		Date Collected	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017
Method	Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2540 G-2011	TOTAL SOLIDS	%	**79.2**	**78.1**	**79.9**	**93.2**	**79.5**	**79.8**	**80.9**	**78.9**	**62.5**	**81.8**	**77.9**	**86.1**	**78.3**	**82.7**	**80.8**
	Ohio VAP Metals																
6010B	ALUMINUM	mg/kg	**11700**	**12800**	**11800**	**1380**	**11900**	**10200**	**10300**	**11000**	**22600**	**13800**	**14800**	**12200**	**9890**	**12800**	**13400**
6010B	ANTIMONY	mg/kg	<2.53	<2.56	<2.5	<2.15	<2.52	<2.51	<2.47	<2.53	<3.2	<2.45	<2.57	<2.32	<2.55	<2.42	<2.47
6010B	ARSENIC	mg/kg	**17.2**	**17.9**	**28.2**	**3.8**	**25.8**	**9.9**	**14.1**	**25**	**26.3**	**17.3**	**17.6**	**15.2**	**49.7**	**30.9**	**24.2**
6010B	BARIUM	mg/kg	**154**	**227**	**311**	**22.7**	**424**	**120**	**173**	**336**	**364**	**203**	**278**	**215**	**305**	**191**	**284**
6010B	BERYLLIUM	mg/kg	**0.923**	**1.32**	**1.24**	<0.215	**1.86**	**0.573**	**0.883**	**2.14**	**5.04**	**1.03**	**1.18**	**0.856**	**1.99**	**1.03**	**1.63**
6010B	CADMIUM	mg/kg	**1.01**	**1.86**	**2.48**	<0.537	**2.41**	**0.915**	**1.06**	**1.79**	**0.962**	<0.611	**1.14**	**1.24**	<0.639	**1.07**	**1.53**
6010B	CHROMIUM	mg/kg	**16.6**	**19.3**	**22.5**	**5.39**	**27**	**25.6**	**17.6**	**24.1**	**26.6**	**16.3**	**22.9**	**19.5**	**17.7**	**16.9**	**21**
6010B	COBALT	mg/kg	**10.8**	**11.1**	**12.1**	**1.07**	**14.4**	**8.62**	**7.85**	**11**	**15**	**15.2**	**12**	**10.6**	**10.6**	**14.8**	**14**
6010B	COPPER	mg/kg	**43.7**	**81.5**	**128**	**4.82**	**182**	**32.8**	**56.2**	**142**	**76.8**	**57.5**	**124**	**64.5**	**108**	**51.6**	**112**
6010B	LEAD	mg/kg	**150**	**273**	**507**	**9.88**	**1060**	**98.5**	**200**	**1020**	**278**	**115**	**240**	**222**	**296**	**135**	**426**
6010B	NICKEL	mg/kg	**31.4**	**32.8**	**36.5**	**7.41**	**39.1**	**25**	**22.5**	**30.9**	**31.1**	**28.9**	**29.1**	**31.7**	**27.5**	**36.8**	**34.6**
6010B	SELENIUM	mg/kg	<2.53	<2.56	<2.5	<2.15	<2.52	<2.51	<2.47	<2.53	<3.2	<2.45	<2.57	<2.32	<2.55	<2.42	<2.47
6010B	SILVER	mg/kg	<1.26	<1.28	<1.25	<1.07	<1.26	<1.25	<1.24	<1.27	<1.6	<1.22	<1.28	<1.16	<1.28	<1.21	<1.24
6010B	THALLIUM	mg/kg	<2.53	<2.56	<2.5	<2.15	<2.52	<2.51	<2.47	<2.53	<3.2	<2.45	<2.57	<2.32	<2.55	<2.42	<2.47
6010B	VANADIUM	mg/kg	**30.6**	**35.5**	**33.3**	**9.38**	**35.3**	**27.2**	**26.8**	**35.9**	**56.7**	**35.6**	**36.5**	**32.4**	**47.1**	**33.9**	**35.6**
6010B	ZINC	mg/kg	**196**	**337**	**596**	**18.4**	**754**	**145**	**271**	**566**	**232**	**152**	**342**	**281**	**220**	**234**	**412**
7471A	MERCURY	mg/kg	**0.182**	**0.256**	**0.572**	**0.0219**	**0.561**	**0.207**	**1**	**1.8**	**0.0945**	**0.166**	**0.23**	**0.35**	**0.143**	**0.167**	**0.283**
	Polynuclear Aromatic Hydrocarbons																
8270C-SIM	ANTHRACENE	mg/kg															
8270C-SIM	ACENAPHTHENE	mg/kg															
8270C-SIM	ACENAPHTHYLENE	mg/kg															
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg															
8270C-SIM	BENZO(A)PYRENE	mg/kg															
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg															
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg															
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg															
8270C-SIM	CHRYSENE	mg/kg															
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg															
8270C-SIM	FLUORANTHENE	mg/kg															
8270C-SIM	FLUORENE	mg/kg															
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg															
8270C-SIM	NAPHTHALENE	mg/kg															
8270C-SIM	PHENANTHRENE	mg/kg															
8270C-SIM	PYRENE	mg/kg															
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg															
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg															
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg															

Notes:

mg/kg = milligrams per kilogram (or parts per million (ppm))
VAP RES = Ohio VAP Generic Direct Contact Soil Standard for Residential/Unrestricted land uses
VAP C/I = Ohio VAP Generic Direct Contact Soil Standard for Commercial/Industrial land uses
VAP CE = Ohio VAP Generic Direct Contact Soil Standard for Construction/Excavation worker exposure
* The background concentration for naturally-occurring arsenic in Franklin County is 20.7 mg/kg

Table 1 - Soil Analytical Results

City of Bexley Property
Ferndale Place and Mayfield Place
Bexley, Franklin County, Ohio
GCI Project 17-E-21430

		Lab Sample ID	L956532-16	L956532-17	L956532-18	L956532-19	L956532-20	L956532-21	L956532-22	L956532-23	L956532-24	L956532-25	L956532-26	L956532-27	L956532-28	L956532-29	L956532-30
		Sample ID	EB-16	EB-1	EB-1	EB-1	EB-2	EB-2	EB-2	EB-3	EB-3	EB-3	EB-4	EB-4	EB-4	EB-5	EB-5
		Sample Depth	0'	4'	8'	12'	4'	8'	12'	4'	8'	12'	4'	8'	12'	4'	8'
		Date Collected	12/08/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017
Method	Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2540 G-2011	TOTAL SOLIDS	%	86.7	82.7	81.2	83	85	70.6	83.1	81	82.5	84.6	83.9	85.8	84.6	83.9	86.2
	Ohio VAP Metals																
6010B	ALUMINUM	mg/kg	12200	16500	11400	7000	14800	12800	13400	5510	12400	10900	11300	15000	7990	12200	15800
6010B	ANTIMONY	mg/kg	<2.31	<2.42	4.15	<2.41	<2.35	11.2	<2.41	<2.47	<2.42	<2.36	<2.38	<2.33	<2.37	<2.38	<2.32
6010B	ARSENIC	mg/kg	23.4	26.8	13.2	53.2	23.5	26.6	24.1	17.5	22.7	22.1	42.4	20.7	23.5	19.9	17.6
6010B	BARIUM	mg/kg	423	273	114	47.3	481	897	499	1870	354	123	152	357	539	395	192
6010B	BERYLLIUM	mg/kg	2.13	1.8	0.674	0.459	2.19	2.48	1.12	0.785	0.956	0.713	0.72	0.857	0.582	1.36	0.935
6010B	CADMIUM	mg/kg	2.14	2.52	<0.616	<0.603	1.29	1.62	5.76	3.4	0.708	<0.591	0.944	<0.583	8.26	2.12	0.705
6010B	CHROMIUM	mg/kg	18.5	25.4	13.3	9.12	29.6	24.6	36.5	29.2	17.2	13.5	25	18.9	32.5	17.3	17.5
6010B	COBALT	mg/kg	12.2	21.8	11.2	8.54	9.2	13.1	12.8	7.44	12.8	11.5	10.5	12.5	9.87	10.1	11.3
6010B	COPPER	mg/kg	91.3	80	19.9	24.8	86.4	139	2430	219	50.4	24.6	65.4	29.4	82.3	349	46
6010B	LEAD	mg/kg	421	359	18.3	18.8	651	1170	570	1180	490	22.6	186	51.8	677	423	124
6010B	NICKEL	mg/kg	30	48.5	23.7	33.8	25.2	24.7	45.5	28.2	35.9	34.2	34.9	37.7	29.5	28.4	33.5
6010B	SELENIUM	mg/kg	<2.31	<2.42	<2.46	<2.41	2.65	<2.83	<2.41	<2.47	<2.42	<2.36	<2.38	<2.33	<2.37	<2.38	<2.32
6010B	SILVER	mg/kg	<1.15	<1.21	<1.23	<1.21	<1.18	<1.42	<1.2	2.23	<1.21	<1.18	<1.19	<1.17	<1.18	<1.19	<1.16
6010B	THALLIUM	mg/kg	<2.31	<2.42	<2.46	<2.41	<2.35	<2.83	<2.41	<2.47	<2.42	<2.36	<2.38	<2.33	<2.37	<2.38	<2.32
6010B	VANADIUM	mg/kg	33.6	49	32.4	34.3	37.7	41.5	27.4	17.1	31.7	33.7	32.4	38.5	24.1	31.2	34.8
6010B	ZINC	mg/kg	495	430	78.5	101	329	725	2850	1350	217	95.2	285	189	1590	644	186
7471A	MERCURY	mg/kg	0.401	0.336	0.0348	0.0312	1.54	0.0764	0.0427	0.458	0.283	0.0341	0.152	0.0649	0.444	0.531	0.234
	Polynuclear Aromatic Hydrocarbons																
8270C-SIM	ANTHRACENE	mg/kg		11.1	0.42	<0.00723	0.0262	0.0289	<0.00722	0.802	4.33	0.119	0.03	0.134	0.0777	7.79	3.66
8270C-SIM	ACENAPHTHENE	mg/kg		3.72	0.0807	<0.00723	<0.00706	<0.0085	<0.00722	0.186	1.12	0.0325	<0.00715	0.0168	0.0249	2.32	0.769
8270C-SIM	ACENAPHTHYLENE	mg/kg		<0.145	<0.00739	<0.00723	<0.00706	<0.0085	<0.00722	<0.00741	<0.00727	<0.00709	<0.00715	<0.007	<0.0071	<0.0358	0.342
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg		45.3	1.43	<0.00723	0.0904	0.213	<0.00722	2.24	6.72	0.194	0.0852	0.765	0.502	12.4	5.63
8270C-SIM	BENZO(A)PYRENE	mg/kg		44.2	1.21	<0.00723	0.0859	0.218	<0.00722	1.79	4.39	0.167	0.0824	0.724	0.542	8.9	4.33
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg		71.7	1.66	<0.00723	0.105	0.28	<0.00722	2.37	6.04	0.206	0.113	1.02	0.862	11.3	5.63
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg		27	0.725	<0.00723	0.0632	0.148	<0.00722	1.03	2.66	0.103	0.0557	0.466	0.43	5.78	2.27
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg		22.3	0.571	<0.00723	0.0461	0.107	<0.00722	0.74	1.87	0.0799	0.0382	0.311	0.287	4.19	1.92
8270C-SIM	CHRYSENE	mg/kg		56.5	1.39	<0.00723	0.0907	0.203	<0.00722	2.1	5.56	0.174	0.084	0.769	0.633	11.3	4.93
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg		10.5	0.241	<0.00723	0.0165	0.0377	<0.00722	0.326	1.18	0.0259	0.0166	0.146	0.118	1.95	0.808
8270C-SIM	FLUORANTHENE	mg/kg		116	2.87	<0.00723	0.168	0.293	0.0135	4.23	15.7	0.442	0.173	1.36	1.23	27.2	12.1
8270C-SIM	FLUORENE	mg/kg		5.33	0.121	<0.00723	0.00911	<0.0085	<0.00722	0.238	2.08	0.051	0.00834	0.0277	0.0356	3.31	1.8
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg		28.4	0.716	<0.00723	0.0499	0.13	<0.00722	0.999	2.74	0.0909	0.0492	0.444	0.381	4.97	2.35
8270C-SIM	NAPHTHALENE	mg/kg		<0.483	0.0756	<0.0241	<0.0235	0.0298	<0.0241	0.0642	0.149	<0.0236	<0.0238	<0.0233	0.0446	1.39	0.604
8270C-SIM	PHENANTHRENE	mg/kg		79.1	1.6	<0.00723	0.119	0.078	<0.00722	2.43	12.3	0.362	0.0861	0.432	0.57	21.5	10.5
8270C-SIM	PYRENE	mg/kg		93.1	2.54	<0.00723	0.16	0.276	0.00988	4.37	9.99	0.395	0.161	1.21	1.05	18.6	10.6
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg		0.604	0.0727	<0.0241	0.0486	0.0289	<0.0241	0.0497	0.274	<0.0236	<0.0238	<0.0233	0.0443	0.918	0.783
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg		0.494	0.0779	<0.0241	0.0361	0.0325	<0.0241	0.0528	0.254	<0.0236	<0.0238	<0.0233	0.0516	0.999	0.808
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg		<0.483	<0.0246	<0.0241	<0.0235	<0.0283	<0.0241	<0.0247	<0.0242	<0.0236	<0.0238	<0.0233	<0.0237	<0.119	<0.116

Notes:

mg/kg = milligrams per kilogram (or parts per million (ppm))
VAP RES = Ohio VAP Generic Direct Contact Soil Standard for Residential/Unrestricted land uses
VAP C/I = Ohio VAP Generic Direct Contact Soil Standard for Commercial/Industrial land uses
VAP CE = Ohio VAP Generic Direct Contact Soil Standard for Construction/Excavation worker exposure
* The background concentration for naturally-occurring arsenic in Franklin County is 20.7 mg/kg

Table 1 - Soil Analytical Results

City of Bexley Property
Ferndale Place and Mayfield Place
Bexley, Franklin County, Ohio
GCI Project 17-E-21430

		Lab Sample ID	L956532-31	L956532-32	L956532-33	L956532-34	L956532-35	L956532-36	L956532-37	L956532-38	L956532-39	L956532-40	L956532-41	L956532-42	L956532-43	L956532-44	L956532-45
		Sample ID	**EB-5**	**EB-6**	**EB-6**	**EB-6**	**EB-7**	**EB-7**	**EB-7**	**EB-8**	**EB-8**	**EB-8**	**EB-9**	**EB-9**	**EB-9**	**EB-10**	**EB-10**
		Sample Depth	**12'**	**4'**	**8'**	**12'**	**4'**	**8'**	**12'**	**4'**	**8'**	**12'**	**4'**	**8'**	**12'**	**4'**	**8'**
		Date Collected	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/08/2017	12/08/2017
Method	Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
2540 G-2011	TOTAL SOLIDS	%	**81.3**	**87.8**	**95.8**	**80.3**	**84.1**	**80.6**	**83.4**	**78.2**	**77**	**89.2**	**78.1**	**70.6**	**87.3**	**83.3**	**88.2**
	Ohio VAP Metals																
6010B	ALUMINUM	mg/kg	**11600**	**7960**	**2600**	**7160**	**11100**	**15100**	**15700**	**14900**	**22200**	**5680**	**7970**	**7490**	**3110**	**8720**	**5430**
6010B	ANTIMONY	mg/kg	<2.46	<2.28	<2.09	<2.49	**2.61**	<2.48	<2.4	<2.56	<2.6	<2.24	<2.56	<2.83	<2.29	<2.4	<2.27
6010B	ARSENIC	mg/kg	**14.9**	**31.7**	**6.19**	**44.8**	**27.1**	**19.5**	**42.1**	**26.8**	**48.5**	**34.1**	**26.7**	**17.8**	**17**	**13**	**18.2**
6010B	BARIUM	mg/kg	**168**	**279**	**19.3**	**45.4**	**176**	**160**	**120**	**396**	**622**	**64.3**	**228**	**929**	**33.8**	**119**	**237**
6010B	BERYLLIUM	mg/kg	**0.938**	**1.16**	<0.209	**0.58**	**1.65**	**0.812**	**0.859**	**3.97**	**1.06**	**0.369**	**1.32**	**0.91**	**0.28**	**0.902**	**0.497**
6010B	CADMIUM	mg/kg	**1.18**	**1.61**	<0.522	<0.622	<0.595	<0.621	<0.599	**1.21**	**0.848**	<0.561	**1.19**	**3.09**	<0.573	<0.6	**1.11**
6010B	CHROMIUM	mg/kg	**16.5**	**23.4**	**3.76**	**9.73**	**26.9**	**17.4**	**19**	**27.7**	**26**	**7.23**	**20.6**	**51.8**	**5.06**	**11**	**10.1**
6010B	COBALT	mg/kg	**11.7**	**13.2**	**3.33**	**6.63**	**12.3**	**13.6**	**12.7**	**12.2**	**17.5**	**7.12**	**12.6**	**10.2**	**6.04**	**9.79**	**10.6**
6010B	COPPER	mg/kg	**64.8**	**152**	**9.07**	**36.3**	**579**	**19.2**	**31.7**	**2130**	**25.2**	**23.4**	**56.4**	**380**	**19.1**	**18.8**	**24.2**
6010B	LEAD	mg/kg	**320**	**410**	**7.12**	**38.5**	**505**	**18.8**	**23**	**457**	**21**	**12.3**	**223**	**702**	**10.2**	**74.3**	**257**
6010B	NICKEL	mg/kg	**41**	**45.6**	**10.3**	**29**	**32.5**	**29.4**	**36.8**	**27.6**	**57.6**	**27**	**38.8**	**45.1**	**26.4**	**18.6**	**23.9**
6010B	SELENIUM	mg/kg	<2.46	<2.28	<2.09	<2.49	<2.38	<2.48	<2.4	<2.56	<2.6	<2.24	<2.56	<2.83	<2.29	<2.4	<2.27
6010B	SILVER	mg/kg	<1.23	<1.14	<1.04	<1.24	<1.19	<1.24	<1.2	<1.28	<1.3	<1.12	<1.28	**2.2**	<1.15	<1.2	<1.13
6010B	THALLIUM	mg/kg	<2.46	<2.28	<2.09	<2.49	<2.38	<2.48	<2.4	<2.56	<2.6	<2.24	<2.56	<2.83	<2.29	<2.4	<2.27
6010B	VANADIUM	mg/kg	**31.6**	**24.4**	**7.22**	**32.2**	**26.9**	**42.1**	**52.3**	**43.8**	**61.5**	**26.8**	**24.9**	**22.2**	**11.4**	**22.3**	**16.8**
6010B	ZINC	mg/kg	**310**	**547**	**23.1**	**97.2**	**218**	**72.9**	**126**	**440**	**104**	**79**	**467**	**1080**	**70.3**	**67.9**	**428**
7471A	MERCURY	mg/kg	**1.24**	**0.426**	<0.0209	**0.0475**	**0.405**	**0.0442**	**0.0595**	**0.704**	**0.0703**	<0.0224	**0.55**	**4.04**	<0.0229	**0.0423**	**0.852**
	Polynuclear Aromatic Hydrocarbons																
8270C-SIM	ANTHRACENE	mg/kg	**0.344**	**1.33**	<0.00626	<0.00747	**1.39**	<0.00745	**0.143**	**0.758**	<0.0078	<0.00673	**0.0308**	**0.0386**	<0.00687	**0.108**	**0.189**
8270C-SIM	ACENAPHTHENE	mg/kg	**0.0922**	**0.256**	<0.00626	<0.00747	**0.303**	<0.00745	<0.0719	**0.158**	<0.0078	<0.00673	<0.00769	<0.0085	<0.00687	**0.0136**	**0.0526**
8270C-SIM	ACENAPHTHYLENE	mg/kg	<0.00738	<0.00683	<0.00626	<0.00747	<0.0357	<0.00745	<0.0719	<0.0768	<0.0078	<0.00673	<0.00769	<0.0085	<0.00687	<0.0072	<0.00681
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	**0.908**	**2.47**	<0.00626	<0.00747	**3.68**	**0.0256**	**0.23**	**1.1**	<0.0078	**0.00906**	**0.118**	**0.0837**	<0.00687	**0.322**	**0.426**
8270C-SIM	BENZO(A)PYRENE	mg/kg	**0.971**	**1.78**	**0.00794**	<0.00747	**3.28**	**0.0279**	**0.198**	**0.862**	<0.0078	**0.00774**	**0.107**	**0.0705**	<0.00687	**0.249**	**0.354**
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	**1.37**	**2.34**	**0.0154**	<0.00747	**4.48**	**0.0364**	**0.273**	**1.1**	<0.0078	**0.00994**	**0.149**	**0.0969**	<0.00687	**0.334**	**0.503**
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg	**0.678**	**1.11**	**0.0134**	<0.00747	**2.11**	**0.0196**	**0.131**	**0.55**	<0.0078	**0.00812**	**0.0712**	**0.0365**	<0.00687	**0.149**	**0.225**
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	**0.332**	**0.853**	<0.00626	<0.00747	**1.23**	**0.0137**	**0.0845**	**0.455**	<0.0078	<0.00673	**0.051**	**0.035**	<0.00687	**0.128**	**0.158**
8270C-SIM	CHRYSENE	mg/kg	**0.875**	**2.25**	**0.00926**	<0.00747	**3.32**	**0.0296**	**0.232**	**1.09**	<0.0078	**0.0102**	**0.129**	**0.0881**	<0.00687	**0.303**	**0.42**
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	**0.215**	**0.342**	<0.00626	<0.00747	**0.669**	<0.00745	<0.0719	**0.169**	<0.0078	<0.00673	**0.0221**	**0.0123**	<0.00687	**0.0433**	**0.0598**
8270C-SIM	FLUORANTHENE	mg/kg	**1.78**	**5.61**	**0.0111**	<0.00747	**7.95**	**0.0548**	**0.694**	**3.07**	<0.0078	**0.024**	**0.291**	**0.202**	<0.00687	**0.699**	**0.983**
8270C-SIM	FLUORENE	mg/kg	**0.117**	**0.39**	<0.00626	<0.00747	**0.409**	<0.00745	<0.0719	**0.225**	<0.0078	<0.00673	**0.0108**	**0.0116**	<0.00687	<0.0072	**0.0574**
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	**0.665**	**1.01**	**0.00889**	<0.00747	**1.88**	**0.0168**	**0.121**	**0.485**	<0.0078	<0.00673	**0.0674**	**0.0368**	<0.00687	**0.141**	**0.19**
8270C-SIM	NAPHTHALENE	mg/kg	**0.0643**	**0.124**	<0.0209	<0.0249	<0.119	<0.0248	<0.24	<0.256	<0.026	<0.0224	**0.0335**	<0.0283	<0.0229	<0.024	**0.0334**
8270C-SIM	PHENANTHRENE	mg/kg	**0.956**	**4.07**	**0.00811**	<0.00747	**4.98**	**0.0251**	**0.434**	**2.21**	<0.0078	**0.0222**	**0.179**	**0.129**	<0.00687	**0.411**	**0.698**
8270C-SIM	PYRENE	mg/kg	**1.59**	**3.67**	**0.0122**	**0.00825**	**7.33**	**0.0497**	**0.433**	**1.92**	<0.0078	**0.0182**	**0.204**	**0.137**	<0.00687	**0.513**	**0.762**
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg	**0.0443**	**0.118**	<0.0209	<0.0249	<0.119	<0.0248	<0.24	<0.256	<0.026	<0.0224	**0.0475**	<0.0283	<0.0229	<0.024	**0.0357**
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg	**0.0572**	**0.13**	<0.0209	<0.0249	<0.119	<0.0248	<0.24	<0.256	<0.026	<0.0224	**0.0477**	<0.0283	<0.0229	<0.024	**0.0322**
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg	<0.0246	<0.0228	<0.0209	<0.0249	<0.119	<0.0248	<0.24	<0.256	<0.026	<0.0224	<0.0256	<0.0283	<0.0229	<0.024	<0.0227

Notes:

mg/kg = milligrams per kilogram (or parts per million (ppm))
VAP RES = Ohio VAP Generic Direct Contact Soil Standard for Residential/Unrestricted land uses
VAP C/I = Ohio VAP Generic Direct Contact Soil Standard for Commercial/Industrial land uses
VAP CE = Ohio VAP Generic Direct Contact Soil Standard for Construction/Excavation worker exposure
* The background concentration for naturally-occurring arsenic in Franklin County is 20.7 mg/kg

Table 1 - Soil Analytical Results

City of Bexley Property
Ferndale Place and Mayfield Place
Bexley, Franklin County, Ohio
GCI Project 17-E-21430

		Lab Sample ID	L956532-46	L956532-47	L956532-48	L956532-49	L956532-50	L956532-51	L956532-52	L956532-53	L956532-54	L956532-55	L956532-56	Site Max	VAP RES	VAP C/I	VAP CE
		Sample ID	EB-10	EB-11	EB-11	EB-11	EB-12	EB-12	EB-12	EB-13	EB-14	EB-15	EB-16				
		Sample Depth	12'	4'	8'	12'	4'	8'	12'	4-6'	6-8'	2-4'	6-8'				
		Date Collected	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017	12/08/2017				
Method	Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Value	Value	Value	Value
2540 G-2011	TOTAL SOLIDS	%	**79.6**	**83.2**	**83.2**	**86.6**	**73.7**	**80**	**88.8**	**77.3**	**75.8**	**81.4**	**75.8**				
	Ohio VAP Metals																
6010B	ALUMINUM	mg/kg	**7030**	**9410**	**9290**	**7540**	**7360**	**11700**	**4330**	**8660**	**13500**	**8790**	**10400**	**22600**	NS	NS	NS
6010B	ANTIMONY	mg/kg	<2.51	<2.4	<2.4	<2.31	<2.71	<2.5	<2.25	<2.59	<2.64	**2.57**	<2.64	**11.2**	63	1,600	850
6010B	ARSENIC	mg/kg	**20.7**	**20**	**20.8**	**17.2**	**21.5**	**32.4**	**16.5**	**31.6**	**34.8**	**17.7**	**20.6**	**53.2**	20.7*	77	690
6010B	BARIUM	mg/kg	**74.8**	**1620**	**75.1**	**78.7**	**321**	**139**	**40.1**	**311**	**697**	**290**	**238**	**1870**	30,000	760,000	350,000
6010B	BERYLLIUM	mg/kg	**0.536**	**1.38**	**0.754**	**0.532**	**1.25**	**0.936**	**0.422**	**0.698**	**3.14**	**1.32**	**1.16**	**5.04**	310	7,800	3,400
6010B	CADMIUM	mg/kg	<0.628	**1.25**	<0.601	<0.577	**1.84**	<0.625	**0.895**	**4.51**	**1.87**	**0.675**	**5.4**	**8.26**	140	2,600	1,000
6010B	CHROMIUM	mg/kg	**11**	**18.8**	**13.8**	**11.4**	**18.8**	**14.9**	**6.64**	**31.5**	**54.8**	**13.8**	**26.2**	**54.8**	NS	NS	NS
6010B	COBALT	mg/kg	**9.85**	**11.1**	**7.82**	**14.6**	**9.13**	**7.36**	**7.15**	**7.42**	**13.8**	**9.8**	**10.5**	**21.8**	47	1,400	2,900
6010B	COPPER	mg/kg	**29.9**	**129**	**21.9**	**30.4**	**94.7**	**36.5**	**34.5**	**103**	**412**	**50.7**	**62**	**2430**	6,300	160,000	21,000
6010B	LEAD	mg/kg	**15.4**	**336**	**11.8**	**15**	**432**	**20.9**	**16.9**	**916**	**802**	**293**	**444**	**1180**	400	800	400
6010B	NICKEL	mg/kg	**35.2**	**30**	**22.7**	**48.9**	**30.9**	**43.2**	**31.5**	**41.7**	**54.2**	**24.7**	**34.7**	**57.6**	3,100	74,000	23,000
6010B	SELENIUM	mg/kg	<2.51	<2.4	<2.4	<2.31	<2.71	<2.5	<2.25	<2.59	<2.64	<2.46	<2.64	**2.65**	780	20,000	11,000
6010B	SILVER	mg/kg	<1.26	<1.2	<1.2	<1.15	<1.36	<1.25	<1.13	<1.29	<1.32	<1.23	<1.32	**2.23**	780	20,000	11,000
6010B	THALLIUM	mg/kg	<2.51	<2.4	<2.4	<2.31	<2.71	<2.5	<2.25	<2.59	<2.64	<2.46	<2.64	**0**	NS	NS	NS
6010B	VANADIUM	mg/kg	**19.2**	**25.6**	**27.6**	**18.7**	**20.6**	**38**	**18**	**27.4**	**39.7**	**25.5**	**25.6**	**61.5**	790	23,000	12,000
6010B	ZINC	mg/kg	**110**	**927**	**73.7**	**118**	**475**	**122**	**97.7**	**1230**	**935**	**261**	**20800**	**20800**	47,000	1,000,000	640,000
7471A	MERCURY	mg/kg	**0.0256**	**0.324**	**0.045**	<0.0231	**0.159**	**0.0647**	<0.0225	**0.788**	**0.373**	**0.354**	**2.07**	**4.04**	3.1	3.1	3.1
	Polynuclear Aromatic Hydrocarbons																
8270C-SIM	ANTHRACENE	mg/kg	<0.00754	**0.341**	<0.00721	<0.00693	**0.0352**	<0.0075	<0.00675	**0.331**	**1.39**	**0.321**	**2.16**	**11.1**	34,000	450,000	1,000,000
8270C-SIM	ACENAPHTHENE	mg/kg	<0.00754	**0.127**	<0.00721	<0.00693	<0.00814	<0.0075	<0.00675	<0.0776	**0.258**	**0.0836**	**0.491**	**3.72**	6,900	90,000	780,000
8270C-SIM	ACENAPHTHYLENE	mg/kg	<0.00754	<0.00721	<0.00721	<0.00693	<0.00814	<0.0075	<0.00675	<0.0776	<0.0792	<0.0737	<0.158	**0.342**	7,200	130,000	870,000
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	<0.00754	**0.881**	<0.00721	<0.00693	**0.135**	<0.0075	<0.00675	**0.621**	**1.8**	**0.633**	**2.34**	**45.3**	12	58	1,200
8270C-SIM	BENZO(A)PYRENE	mg/kg	<0.00754	**0.696**	<0.00721	<0.00693	**0.131**	<0.0075	<0.00675	**0.44**	**1.44**	**0.583**	**1.65**	**44.2**	1.24	5.8	120
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	<0.00754	**0.859**	<0.00721	<0.00693	**0.196**	<0.0075	<0.00675	**0.679**	**2.05**	**0.81**	**2.39**	**71.7**	12	58	1,200
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg	<0.00754	**0.441**	<0.00721	<0.00693	**0.0947**	<0.0075	<0.00675	**0.285**	**0.961**	**0.49**	**0.937**	**27**	3,600	67,000	430,000
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	<0.00754	**0.346**	<0.00721	<0.00693	**0.0538**	<0.0075	<0.00675	**0.231**	**0.581**	**0.248**	**0.632**	**22.3**	120	580	12,000
8270C-SIM	CHRYSENE	mg/kg	<0.00754	**0.837**	<0.00721	<0.00693	**0.151**	<0.0075	<0.00675	**0.658**	**1.69**	**0.72**	**2.17**	**56.5**	1,200	5,800	120,000
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	<0.00754	**0.125**	<0.00721	<0.00693	**0.0244**	<0.0075	<0.00675	**0.0994**	**0.278**	**0.109**	**0.297**	**10.5**	1.2	5.8	120
8270C-SIM	FLUORANTHENE	mg/kg	<0.00754	**1.83**	<0.00721	<0.00693	**0.332**	<0.0075	<0.00675	**1.99**	**5.23**	**2**	**7.06**	**116**	4,600	60,000	160,000
8270C-SIM	FLUORENE	mg/kg	<0.00754	**0.0972**	<0.00721	<0.00693	<0.00814	<0.0075	<0.00675	<0.0776	**0.445**	**0.0884**	**0.696**	**5.33**	4,600	60,000	520,000
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	<0.00754	**0.397**	<0.00721	<0.00693	**0.0841**	<0.0075	<0.00675	**0.279**	**0.86**	**0.379**	**0.872**	**28.4**	12	58	1,200
8270C-SIM	NAPHTHALENE	mg/kg	<0.0251	**0.0375**	<0.024	<0.0231	<0.0271	<0.025	<0.0225	<0.259	**0.308**	<0.246	<0.528	**1.39**	90	450	560
8270C-SIM	PHENANTHRENE	mg/kg	<0.00754	**1.21**	<0.00721	<0.00693	**0.131**	<0.0075	<0.00675	**1.14**	**3.97**	**1.25**	**6.35**	**79.1**	34,000	450,000	1,000,000
8270C-SIM	PYRENE	mg/kg	<0.00754	**1.61**	<0.00721	<0.00693	**0.241**	<0.0075	<0.00675	**1.17**	**3.28**	**1.29**	**4.15**	**93.1**	3,400	45,000	390,000
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg	<0.0251	**0.0386**	<0.024	<0.0231	<0.0271	<0.025	<0.0225	<0.259	**0.269**	<0.246	<0.528	**0.918**	310	1,500	31,000
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg	<0.0251	**0.0337**	<0.024	<0.0231	<0.0271	<0.025	<0.0225	<0.259	**0.307**	<0.246	<0.528	**0.999**	460	6,000	5,200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg	<0.0251	<0.024	<0.024	<0.0231	<0.0271	<0.025	<0.0225	<0.259	<0.264	<0.246	<0.528	**0**	13,000	330,000	1,000,000

Notes:

mg/kg = milligrams per kilogram (or parts per million (ppm))
VAP RES = Ohio VAP Generic Direct Contact Soil Standard for Residential/Unrestricted land uses
VAP C/I = Ohio VAP Generic Direct Contact Soil Standard for Commercial/Industrial land uses
VAP CE = Ohio VAP Generic Direct Contact Soil Standard for Construction/Excavation worker exposure
* The background concentration for naturally-occurring arsenic in Franklin County is 20.7 mg/kg

Table 2 - Ground Water Analytical Results

City of Bexley Property
Ferndale Place and Mayfield Place
Bexley, Franklin County, Ohio
GCI Project 17-E-21430

		Lab Sample ID	L956532-57	L956532-58	L956532-59	L956532-60	L956532-61	L956532-62	L956532-63	L956532-64	L956532-65	L956532-66	L956532-67	L956532-68	Site Max	VAP GUPUS
		Sample ID	EB-1	EB-2	EB-3	EB-4	EB-5	EB-6	EB-7	EB-8	EB-9	EB-10	EB-11	EB-12		
		Date Collected	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/07/2017	12/08/2017	12/08/2017	12/08/2017		
Method	Analyte	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Value	Value
	Ohio VAP Metals															
6010B	ALUMINUM	µg/L	**98800**	**9860**	**52100**	**49600**	**49300**	**22000**	**77300**	**39200**	**99200**	**102000**	**41300**	**90500**	**102000**	NS
6010B	BARIUM	µg/L	**1580**	**1560**	**3670**	**901**	**4890**	**486**	**2400**	**632**	**2710**	**2360**	**961**	**3450**	**4890**	2,000
6010B	BERYLLIUM	µg/L	**9.41**	<2	**6.21**	**5.16**	**6.22**	**3.03**	**5.7**	**3.16**	**8.3**	**8.02**	**3.84**	**8.57**	**9.41**	4
6010B	CADMIUM	µg/L	**17**	**14.3**	**27.9**	**10.6**	**47.8**	**3.63**	**26.7**	**4.92**	**41.8**	**38.5**	**11**	**20.3**	**47.8**	5
6010B	CHROMIUM	µg/L	**182**	**45.2**	**178**	**101**	**94.6**	**48.7**	**161**	**66.6**	**207**	**164**	**63.4**	**142**	**207**	100
6010B	COBALT	µg/L	**194**	**17.2**	**155**	**324**	**255**	**30.1**	**143**	**69.7**	**190**	**212**	**59.2**	**495**	**495**	4.7
6010B	COPPER	µg/L	**669**	**2090**	**518**	**596**	**1320**	**264**	**415**	**366**	**1370**	**566**	**270**	**1460**	**2090**	1,300
6010B	LEAD	µg/L	**1190**	**3120**	**720**	**1100**	**1010**	**295**	**1600**	**304**	**2190**	**555**	**195**	**2060**	**3120**	15
6010B	NICKEL	µg/L	**621**	**68.5**	**492**	**609**	**1070**	**114**	**776**	**226**	**603**	**780**	**240**	**810**	**1070**	300
6010B	SELENIUM	µg/L	<10	<10	<10	<10	<10	<10	<10	**10**	**18.6**	**12.3**	**34.3**	**261**	**261**	50
6010B	SILVER	µg/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**0**	71
6010B	VANADIUM	µg/L	**197**	**34.7**	**205**	**125**	**156**	**72.7**	**205**	**109**	**276**	**515**	**162**	**230**	**515**	63
6010B	ZINC	µg/L	**2100**	**4010**	**1540**	**2860**	**2030**	**719**	**2360**	**874**	**5200**	**2820**	**1310**	**2520**	**5200**	4,700
6020	ANTIMONY	µg/L	<2	**12.8**	**6.31**	**14**	**11.2**	**8.27**	**9.92**	**7.64**	**7.16**	<2	**12.8**	**5.98**	**14**	6
6020	ARSENIC	µg/L	**62.6**	**27.3**	**96.9**	**1090**	**1030**	**282**	**512**	**438**	**471**	**217**	**569**	**927**	**1090**	10
6020	THALLIUM	µg/L	**8.55**	<2	**19.6**	**15.2**	**51.9**	**9.1**	**35.9**	**6.03**	**43.6**	**19.5**	**31.9**	**56.6**	**56.6**	NS
7470A	MERCURY	µg/L	**3.67**	**0.879**	**2.05**	**2.4**	**4.25**	**0.315**	**1.97**	**0.41**	**8.22**	**3.19**	**1.12**	**2.36**	**8.22**	2
	Polynuclear Aromatic Hydrocarbons															
8270C-SIM	ANTHRACENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	1,300
8270C-SIM	ACENAPHTHENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	400
8270C-SIM	ACENAPHTHYLENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	390
8270C-SIM	BENZO(A)ANTHRACENE	µg/L	**0.0841**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.0841**	0.92
8270C-SIM	BENZO(A)PYRENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	0.2
8270C-SIM	BENZO(B)FLUORANTHENE	µg/L	**0.0777**	**0.0516**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.0777**	0.92
8270C-SIM	BENZO(G,H,I)PERYLENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	470
8270C-SIM	BENZO(K)FLUORANTHENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	9.2
8270C-SIM	CHRYSENE	µg/L	**0.0719**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.0719**	92
8270C-SIM	DIBENZ(A,H)ANTHRACENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	0.092
8270C-SIM	FLUORANTHENE	µg/L	**0.239**	**0.0837**	<0.05	**0.0552**	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.239**	630
8270C-SIM	FLUORENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	220
8270C-SIM	INDENO(1,2,3-CD)PYRENE	µg/L	<0.0665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0**	0.92
8270C-SIM	NAPHTHALENE	µg/L	<0.332	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.285	<0.285	<0.25	<0.285	**0**	1.4
8270C-SIM	PHENANTHRENE	µg/L	**0.225**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.225**	3,400
8270C-SIM	PYRENE	µg/L	**0.143**	**0.0626**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.057	<0.057	<0.05	<0.057	**0.143**	87
8270C-SIM	1-METHYLNAPHTHALENE	µg/L	<0.332	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.285	<0.285	<0.25	<0.285	**0**	9.7
8270C-SIM	2-METHYLNAPHTHALENE	µg/L	<0.332	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.285	<0.285	<0.25	<0.285	**0**	2.7
8270C-SIM	2-CHLORONAPHTHALENE	µg/L	<0.332	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.285	<0.285	<0.25	<0.285	**0**	550

Notes:
µg/L = micrograms per liter
VAP GUPUS = Ohio VAP Generic Unrestricted Potable Use Standard

TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 1**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
10.5 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Topsoil, gravel, cinders, brown clay-silt, trace organics
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5						
		6.0-8.0	MACROCORE	Moist	7.0	
		8.0-10.0	MACROCORE	Moist		Dark Brown to Black Stained Clay, trace organics
10		10.0-12.0	MACROCORE	Wet	10.5	
					12.0	Little Brown Fine to Coarse Sand and Gravel, little brown clay-silt
						BOTTOM OF BORING: 12.0'
15						

*** The stratification lines represent the approximate boundary between soil types and the transition may be gradual.**

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 2**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
12.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Topsoil, silty-clay, gravel, cinders, sand, trace concrete, wood, coal, plastic, metal debris
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5						
		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist		
10						
		10.0-12.0	MACROCORE	Moist		
						Water Seepage at 12.0'
					12.0	
		12.0-14.0	MACROCORE	Wet	12.5	Dark Gray Sandy-Silt
						Brown Mottled Gray Clay-Silt
		14.0-16.0	MACROCORE	Wet		
15						
					16.0	
						BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 3**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
18.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Clay-Silt, sand, gravel, cinders, slag, trace glass, brick, concrete, shale fragments, wood, ceramic
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist	9.0	
		10.0-12.0	MACROCORE	Moist		FILL: Brown Lean Clay, little glass, trace ceramics
10		12.0-14.0	MACROCORE	Moist	13.0	
		14.0-16.0	MACROCORE	Moist		Dark Gray Sandy-Silt
15		16.0-18.0	MACROCORE	Moist	18.0	
		18.0-20.0	MACROCORE	Very Moist		Light Brown Fine to Coarse Sand and Gravel Water Seepage at 18.0'
20		20.0-22.0	MACROCORE	Wet	22.0	
		22.0-24.0	MACROCORE	Wet		Gray Medium Sand
					24.0	
25						BOTTOM OF BORING: 24.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 4**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
22.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Clay-Silt, gravel, sand, cinders, trace wood, concrete, ceramics, brick, glass, coal
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist		
10		10.0-12.0	MACROCORE	Moist		
		12.0-14.0	MACROCORE	Moist	13.0	
		14.0-16.0	MACROCORE	Moist		Brown Silt
15		16.0-18.0	MACROCORE	Moist	15.5	Brown Clayey-Silt
		18.0-20.0	MACROCORE	Very Moist	18.0	Brown Lean Clay with Sand
20		20.0-22.0	MACROCORE	Wet		
		22.0-24.0	MACROCORE	Wet	22.0	Gray Medium Sand
					23.0	Water Seepage at 22.0'
					24.0	Brown Fine to Coarse Sand and Gravel
25						BOTTOM OF BORING: 24.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 5**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
21.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Brown Clay-Silt with varying amounts of gravel, sand, cinders, glass, brick, wood, metal debris
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist		
10		10.0-12.0	MACROCORE	Moist		
		12.0-14.0	MACROCORE	Moist		
		14.0-16.0	MACROCORE	Very Moist		FILL: Dark Gray to Black in color at 13.5'
15		16.0-18.0	MACROCORE	Very Moist		
		18.0-20.0	MACROCORE	Very Moist	19.0	
20		20.0-22.0	MACROCORE	Wet		Brown Fine to Coarse Sand and Gravel Water Seepage at 21.0'
		22.0-24.0	MACROCORE	Wet	23.5	
					24.0	Gray Fine Sand
25						BOTTOM OF BORING: 24.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 6**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
12.5 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Topsoil and gravel, little cinder, brick, glass, coal
		2.0-4.0	MACROCORE	Moist	3.0	
		4.0-6.0	MACROCORE	Moist		FILL: Coarse Sand and Gravel, trace brick
5		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist		
10		10.0-12.0	MACROCORE	Moist	10.0	Brown Mottled Gray Clay-Silt
		12.0-14.0	MACROCORE	Wet	12.5	Brown Medium to Coarse Sand and Gravel Water Seepage at 12.5'
15		14.0-16.0	MACROCORE	Wet		
					16.0	BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 7**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
12.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Topsoil, clay-silt, cinders, trace brick, ceramics, slag, concrete, glass
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5					6.0	
		6.0-8.0	MACROCORE	Moist		
					7.0	Brown Clay-Silt with gravel
						Dark Brown to Black Stained Clay
		8.0-10.0	MACROCORE	Moist		
10		10.0-12.0	MACROCORE	Moist	11.0	
					12.0	Brown Lean Clay with Sand
		12.0-14.0	MACROCORE	Wet		Brown Fine to Coarse Sand and Gravel Water Seepage at 12.0'
		14.0-16.0	MACROCORE	Wet		
15					16.0	
						BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 8**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
11.5 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Sand and cinders, some clay-silt, gravel, trace brick, slag
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5					6.0	
		6.0-8.0	MACROCORE	Moist		Brown Lean Clay with Sand
					7.0	Dark Brown to Black Stained Clay, trace organics
		8.0-10.0	MACROCORE	Moist		
					9.0	Brown Fine to Coarse Sand and Gravel
10		10.0-12.0	MACROCORE	Moist to Wet		
						Water Seepage at 11.5'
		12.0-14.0	MACROCORE	Wet		
		14.0-16.0	MACROCORE	Wet		
15					16.0	
						BOTTOM OF BORING: 16.0'

*** The stratification lines represent the approximate boundary between soil types and the transition may be gradual.**

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB- 9**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/7/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
12.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Sand, gravel, cinders, clay-silt, trace coal, slag
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5						
		6.0-8.0	MACROCORE	Moist		
		8.0-10.0	MACROCORE	Moist		
					10.0	
10		10.0-12.0	MACROCORE	Moist		Brown Fine to Coarse Sand and Gravel
		12.0-14.0	MACROCORE	Wet		Water Seepage at 12.0'
		14.0-16.0	MACROCORE	Wet		
15					15.5	
					16.0	Gray Medium Sand
						BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-10**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
12.5 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Clay-Silt and topsoil, varying amounts cinders, brick, slag
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5						
		6.0-8.0	MACROCORE	Moist		
					8.0	
		8.0-10.0	MACROCORE	Moist		Brown Lean Clay with Sand
10						
		10.0-12.0	MACROCORE	Very Moist	10.5	
					11.0	Brown Medium Sand
						Brown Mottled Gray Lean Clay
		12.0-14.0	MACROCORE	Wet	12.5	
						Brown Fine to Coarse Sand and Gravel
						Water Seepage at 12.5'
		14.0-15.0	MACROCORE	Wet		
15						
					16.0	
						BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-11**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
10.5 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Clay-Silt, varying amounts cinders, slag, coal, sand, brick
		2.0-4.0	MACROCORE	Moist		
		4.0-6.0	MACROCORE	Moist		
5					6.0	
		6.0-8.0	MACROCORE	Moist		Light Brown Clayey-Silt
		8.0-10.0	MACROCORE	Moist		
10						Water Seepage at 10.5'
		10.0-12.0	MACROCORE	Wet	10.5	Brown Medium to Coarse Sand and Gravel
		12.0-14.0	MACROCORE	Wet		
		14.0-16.0	MACROCORE	Wet		
15					15.0	
						BOTTOM OF BORING: 15.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-12**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
10.0 FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
		0.0-2.0	MACROCORE	Moist		FILL: Mixture of Clay, Silt, gravel, varying ceramics, glass, cinders, brick
		2.0-4.0	MACROCORE	Moist	3.0	
					4.0	Brown Medium Sand
		4.0-6.0	MACROCORE	Moist		Brown Clayey-Silt
5						
		6.0-8.0	MACROCORE	Moist	8.0	
		8.0-10.0	MACROCORE	Wet		Brown Fine to Coarse Sand and Gravel
10		10.0-12.0	MACROCORE	Moist		Water Seepage at 10.0'
		12.0-14.0	MACROCORE	Wet		
		14.0-16.0	MACROCORE	Wet		
15					16.0	
						BOTTOM OF BORING: 16.0'

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-13**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
None FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
	0.1	0.0-2.0	MACROCORE	Moist		FILL: Mixture of Sand, cinders, clay-silt, gravel and glass
	0.1	2.0-4.0	MACROCORE	Moist		
	0.1	4.0-6.0	MACROCORE	Moist		
5						
	0.1	6.0-8.0	MACROCORE	Moist		
					7.0	
						Brown Clayey-Silt
	0.0	8.0-10.0	MACROCORE	Moist		
10					10.0	
						BOTTOM OF BORING: 10.0'
15						

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-14**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler	
			Cohesionless Density	Cohesive Consistency
None FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10 Loose	0 - 4 Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30 Medium Dense	4 - 8 Medium Stiff
	some	20 to 35%	30 - 50 Dense	8 - 15 Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 + Very Dense	15 - 30 Very Stiff
				30 + Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
	0.1	0.0-2.0	MACROCORE	Moist		FILL: Brown Lean Clay, varying amount of cinders, gravel, slag
	0.1	2.0-4.0	MACROCORE	Moist		
	0.2	4.0-6.0	MACROCORE	Moist		
5						
	0.3	6.0-8.0	MACROCORE	Moist		
	0.2	8.0-10.0	MACROCORE	Very Moist		
					9.0	
					10.0	Brown Clayey-Silt
10						
						BOTTOM OF BORING: 10.0'
15						

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-15**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
None FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
	0.4	0.0-2.0	MACROCORE	Moist		FILL: Mixture of Brown Clay-Silt, gravel, cinders, brick, ceramics, concrete
	0.2	2.0-4.0	MACROCORE	Moist		
	0.1	4.0-6.0	MACROCORE	Moist		
5						
	0.1	6.0-8.0	MACROCORE	Moist		
					8.0	
	0.1	8.0-10.0	MACROCORE	Moist		Brown Lean Clay with Sand
10					10.0	
						BOTTOM OF BORING: 10.0'
15						

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TEST BORING LOG

PROJECT NAME **Mayfield Place and Ferndale Place - Bexley, Ohio** BORING NO. **EB-16**

PROJ. SURF. ELEV.

CLIENT **The City of Bexley** NO. **17-E-21430** DATE DRILLED **12/8/2017**

GROUND WATER OBSERVATION	Proportions Used		140 lb Wt. x 30" fall on 2" O.D. Sampler			
			Cohesionless Density		Cohesive Consistency	
None FEET BELOW SURFACE AT COMPLETION	trace	0 to 10%	0 - 10	Loose	0 - 4	Soft
_____ FEET BELOW SURFACE AT 24 HOURS	little	10 to 20%	10 - 30	Medium Dense	4 - 8	Medium Stiff
	some	20 to 35%	30 - 50	Dense	8 - 15	Stiff
_____ FEET BELOW SURFACE AT ____ HOURS	and	35 to 50%	50 +	Very Dense	15 - 30	Very Stiff
					30 +	Hard

LOCATION OF BORING **See Boring Location Plan**

DEPTH	PID Readings (ppm)	Sample Depths From To	Type of Sample	Moisture Density or Consist.	Strata* Change Depth	SOIL IDENTIFICATION Remarks include color, type of soil, etc. Rock-color, type, condition, hardness
	0.1	0.0-2.0	MACROCORE	Moist		FILL: Mixture of Brown Clay-Silt, gravel, cinders, brick, ceramics, concrete
	0.2	2.0-4.0	MACROCORE	Moist		
	0.2	4.0-6.0	MACROCORE	Moist		
5						
	0.3	6.0-8.0	MACROCORE	Moist		
	0.2	8.0-10.0	MACROCORE	Moist	8.5	
						Brown Lean Clay with Sand
10					10.0	
						BOTTOM OF BORING: 10.0'
15						

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ANALYTICAL REPORT

December 22, 2017

Geotechnical Consultants, Inc.

Sample Delivery Group:	L956532
Samples Received:	12/09/2017
Project Number:	17-E-21430
Description:	City of Bexley

Report To: Mr. Michael Lacher
720 Greencrest Drive
Westerville, OH 43081

Entire Report Reviewed By:

T. Alan Harvill
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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EB-1 0' L956532-01 Solid

Collected by: Lacher | Collected date/time: 12/07/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:04	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 17:53	ST

EB-2 0' L956532-02 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:11	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 17:56	ST

EB-3 0' L956532-03 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:19	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:05	ST

EB-4 0' L956532-04 Solid

Collected by: Lacher | Collected date/time: 12/07/17 11:45 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:21	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 17:37	ST

EB-5 0' L956532-05 Solid

Collected by: Lacher | Collected date/time: 12/07/17 12:30 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:24	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:08	ST

EB-6 0' L956532-06 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:27	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:11	ST

EB-7 0' L956532-07 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:29	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:14	ST

EB-8 0' L956532-08 Solid

Collected by: Lacher | Collected date/time: 12/07/17 14:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	2	12/12/17 09:39	12/13/17 04:47	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:17	ST

EB-9 0' L956532-09 Solid

Collected by: Lacher | Collected date/time: 12/07/17 15:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:34	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:21	ST

EB-10 0' L956532-10 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053547	1	12/15/17 15:54	12/15/17 16:06	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:37	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:24	ST

EB-11 0' L956532-11 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:39	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:27	ST

EB-12 0' L956532-12 Solid

Collected by: Lacher | Collected date/time: 12/08/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:42	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:30	ST

EB-13 0' L956532-13 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:20 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:52	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:33	ST

EB-14 0' L956532-14 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:35 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:55	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:43	ST

EB-15 0' L956532-15 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 02:57	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:46	ST

EB-16 0' L956532-16 Solid

Collected by: Lacher | Collected date/time: 12/08/17 12:05 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 03:00	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:49	ST

EB-1 4' L956532-17 Solid

Collected by: Lacher | Collected date/time: 12/07/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 03:02	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:52	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	100	12/17/17 09:43	12/20/17 15:47	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	20	12/17/17 09:43	12/18/17 20:26	KM

EB-1 8' L956532-18 Solid

Collected by: Lacher | Collected date/time: 12/07/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 03:05	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:55	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 16:22	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	10	12/17/17 09:43	12/20/17 12:52	KM

EB-1 12' L956532-19 Solid

Collected by: Lacher | Collected date/time: 12/07/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	1	12/12/17 09:39	12/13/17 03:07	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 18:58	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 11:53	KM

EB-2 4' L956532-20 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053550	1	12/15/17 10:38	12/15/17 10:46	KDW
Mercury by Method 7471A	WG1051887	2	12/12/17 09:39	12/13/17 04:50	EL
Metals (ICP) by Method 6010B	WG1052698	1	12/12/17 16:30	12/13/17 19:01	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 15:09	KM

EB-2 8' L956532-21 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:25	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:36	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 12:18	KM

EB-2 12' L956532-22 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:33	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:39	ST
Metals (ICP) by Method 6010B	WG1052705	5	12/12/17 16:25	12/13/17 22:09	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 12:42	KM

EB-3 4' L956532-23 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:35	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:48	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 15:33	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	10	12/17/17 09:43	12/20/17 12:30	KM

EB-3 8' L956532-24 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:38	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:52	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 15:57	KM

EB-3 8' L956532-24 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	50	12/17/17 09:43	12/20/17 15:03	KM

EB-3 12' L956532-25 Solid

Collected by: Lacher | Collected date/time: 12/07/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:41	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:55	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 13:06	KM

EB-4 4' L956532-26 Solid

Collected by: Lacher | Collected date/time: 12/07/17 11:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:43	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:58	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 18:00	KM

EB-4 8' L956532-27 Solid

Collected by: Lacher | Collected date/time: 12/07/17 11:45 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:46	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:01	CCE
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 14:44	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	10	12/17/17 09:43	12/20/17 12:08	KM

EB-4 12' L956532-28 Solid

Collected by: Lacher | Collected date/time: 12/07/17 11:45 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:53	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 19:20	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 18:24	KM

EB-5 4' L956532-29 Solid

Collected by: Lacher | Collected date/time: 12/07/17 12:30 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:56	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:04	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	100	12/17/17 09:43	12/20/17 15:25	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	5	12/17/17 09:43	12/18/17 19:37	KM

EB-5 8' L956532-30 Solid

Collected by: Lacher | Collected date/time: 12/07/17 12:30 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053551	1	12/15/17 10:26	12/15/17 10:36	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 03:58	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:07	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	20	12/17/17 09:43	12/20/17 14:41	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	5	12/17/17 09:43	12/18/17 20:02	KM

EB-5 12' L956532-31 Solid

Collected by: Lacher | Collected date/time: 12/07/17 12:30 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	2	12/12/17 09:55	12/13/17 08:21	ABL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:10	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 17:35	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	10	12/17/17 09:43	12/20/17 13:58	KM

EB-6 4' L956532-32 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:04	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:13	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 18:48	KM
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	10	12/17/17 09:43	12/20/17 14:19	KM

EB-6 8' L956532-33 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:06	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:16	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 13:31	KM

EB-6 12' L956532-34 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:09	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:26	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 13:55	KM

EB-7 4' L956532-35 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:11	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:29	RDS

EB-7 4' L956532-35 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	5	12/17/17 09:43	12/18/17 19:13	KM

EB-7 8' L956532-36 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:14	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:32	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053751	1	12/17/17 09:43	12/18/17 14:20	KM

EB-7 12' L956532-37 Solid

Collected by: Lacher | Collected date/time: 12/07/17 13:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:16	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:35	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	10	12/17/17 06:46	12/19/17 06:34	CLG

EB-8 4' L956532-38 Solid

Collected by: Lacher | Collected date/time: 12/07/17 14:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:27	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:39	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	10	12/17/17 06:46	12/19/17 07:40	CLG

EB-8 8' L956532-39 Solid

Collected by: Lacher | Collected date/time: 12/07/17 14:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:29	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:42	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 00:15	CLG

EB-8 12' L956532-40 Solid

Collected by: Lacher | Collected date/time: 12/07/17 14:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053553	1	12/15/17 10:03	12/15/17 10:13	KDW
Mercury by Method 7471A	WG1051888	1	12/12/17 09:55	12/13/17 04:32	EL
Metals (ICP) by Method 6010B	WG1052705	1	12/12/17 16:25	12/13/17 20:45	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 00:37	CLG

EB-9 4' L956532-41 Solid

Collected by: Lacher | Collected date/time: 12/07/17 15:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:02	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:16	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 01:00	CLG

EB-9 8' L956532-42 Solid

Collected by: Lacher | Collected date/time: 12/07/17 15:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	5	12/12/17 13:04	12/13/17 13:09	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:31	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 01:22	CLG

EB-9 12' L956532-43 Solid

Collected by: Lacher | Collected date/time: 12/07/17 15:15 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:12	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:35	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 01:44	CLG

EB-10 4' L956532-44 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:15	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:45	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 02:07	CLG

EB-10 8' L956532-45 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:22	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:48	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 04:20	CLG

EB-10 12' L956532-46 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:25	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:51	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 02:29	CLG

EB-11 4' L956532-47 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:27	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:55	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 05:27	CLG

EB-11 8' L956532-48 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:30	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 15:58	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 02:51	CLG

EB-11 12' L956532-49 Solid

Collected by: Lacher | Collected date/time: 12/08/17 09:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:33	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:01	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 03:14	CLG

EB-12 4' L956532-50 Solid

Collected by: Lacher | Collected date/time: 12/08/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053554	1	12/14/17 14:24	12/14/17 14:33	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:35	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:04	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 05:49	CLG

EB-12 8' L956532-51 Solid

Collected by: Lacher | Collected date/time: 12/08/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:38	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:08	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 03:36	CLG

EB-12 12' L956532-52 Solid

Collected by: Lacher | Collected date/time: 12/08/17 10:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:40	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:11	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	1	12/17/17 06:46	12/19/17 03:58	CLG

EB-13 4-6' L956532-53 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:20 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:43	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:14	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	10	12/17/17 06:46	12/19/17 06:12	CLG

EB-14 6-8' L956532-54 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:35 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:45	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:24	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	10	12/17/17 06:46	12/19/17 07:18	CLG

EB-15 2-4' L956532-55 Solid

Collected by: Lacher | Collected date/time: 12/08/17 11:55 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	1	12/12/17 13:04	12/13/17 09:55	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:28	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	10	12/17/17 06:46	12/19/17 06:56	CLG

EB-16 6-8' L956532-56 Solid

Collected by: Lacher | Collected date/time: 12/08/17 12:05 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1053955	1	12/15/17 10:27	12/15/17 10:42	JD
Mercury by Method 7471A	WG1051889	2	12/12/17 13:04	12/13/17 13:11	ABL
Metals (ICP) by Method 6010B	WG1051792	1	12/14/17 09:53	12/14/17 16:31	ST
Metals (ICP) by Method 6010B	WG1051792	20	12/14/17 09:53	12/14/17 23:25	ST
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1053752	20	12/17/17 06:46	12/19/17 08:02	CLG

EB-1 L956532-57 GW

Collected by: Lacher | Collected date/time: 12/07/17 09:20 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	10	12/13/17 03:18	12/13/17 11:57	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:00	RDS
Metals (ICP) by Method 6010B	WG1052534	5	12/12/17 16:10	12/13/17 10:11	CCE
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 19:38	JPD
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/16/17 21:39	WBD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1.33	12/13/17 16:13	12/14/17 19:49	KM

EB-2 L956532-58 GW

Collected by: Lacher | Collected date/time: 12/07/17 10:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 11:59	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:03	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 19:41	JPD

EB-2 L956532-58 GW

Collected by: Lacher | Collected date/time: 12/07/17 10:10 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/15/17 00:38	KM

EB-3 L956532-59 GW

Collected by: Lacher | Collected date/time: 12/07/17 11:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:01	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:07	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 19:45	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 20:51	KM

EB-4 L956532-60 GW

Collected by: Lacher | Collected date/time: 12/07/17 12:00 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:03	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:10	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 19:56	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 21:11	KM

EB-5 L956532-61 GW

Collected by: Lacher | Collected date/time: 12/07/17 12:40 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:13	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:14	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:00	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 21:32	KM

EB-6 L956532-62 GW

Collected by: Lacher | Collected date/time: 12/07/17 13:25 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:15	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:17	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:03	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 21:53	KM

EB-7 L956532-63 GW

Collected by: Lacher | Collected date/time: 12/07/17 14:05 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:17	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:21	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:07	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 22:13	KM

EB-8 L956532-64 GW

Collected by: Lacher | Collected date/time: 12/07/17 14:50 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:19	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:24	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:11	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 22:34	KM

EB-9 L956532-65 GW

Collected by: Lacher | Collected date/time: 12/07/17 15:25 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	2	12/13/17 03:18	12/13/17 17:19	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:34	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:15	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1.14	12/13/17 16:13	12/14/17 23:36	KM

EB-10 L956532-66 GW

Collected by: Lacher | Collected date/time: 12/08/17 09:20 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:24	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:38	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:18	JPD
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/16/17 21:43	WBD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1.14	12/13/17 16:13	12/14/17 23:57	KM

EB-11 L956532-67 GW

Collected by: Lacher | Collected date/time: 12/08/17 10:05 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:26	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:41	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:22	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1	12/13/17 16:13	12/14/17 22:55	KM

EB-12 L956532-68 GW

Collected by: Lacher | Collected date/time: 12/08/17 10:45 | Received date/time: 12/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7470A	WG1051876	1	12/13/17 03:18	12/13/17 12:29	EL
Metals (ICP) by Method 6010B	WG1052534	1	12/12/17 16:10	12/13/17 05:45	TRB
Metals (ICPMS) by Method 6020	WG1052833	1	12/13/17 17:28	12/15/17 20:25	JPD
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1052776	1.14	12/13/17 16:13	12/15/17 00:18	KM

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Sample Handling and Receiving

The following analysis were performed from an unpreserved, insufficiently or inadequately preserved sample.

ESC Sample ID	Project Sample ID	Method
L956532-57	EB-1	7470A

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.2		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.182		0.0253	1	12/13/2017 02:04	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11700		12.6	1	12/13/2017 17:53	WG1052698
Antimony	ND		2.53	1	12/13/2017 17:53	WG1052698
Arsenic	17.2		2.53	1	12/13/2017 17:53	WG1052698
Barium	154		0.631	1	12/13/2017 17:53	WG1052698
Beryllium	0.923		0.253	1	12/13/2017 17:53	WG1052698
Cadmium	1.01		0.631	1	12/13/2017 17:53	WG1052698
Chromium	16.6		1.26	1	12/13/2017 17:53	WG1052698
Cobalt	10.8		1.26	1	12/13/2017 17:53	WG1052698
Copper	43.7		2.53	1	12/13/2017 17:53	WG1052698
Lead	150		0.631	1	12/13/2017 17:53	WG1052698
Nickel	31.4		2.53	1	12/13/2017 17:53	WG1052698
Selenium	ND		2.53	1	12/13/2017 17:53	WG1052698
Silver	ND		1.26	1	12/13/2017 17:53	WG1052698
Thallium	ND		2.53	1	12/13/2017 17:53	WG1052698
Vanadium	30.6		2.53	1	12/13/2017 17:53	WG1052698
Zinc	196		6.31	1	12/13/2017 17:53	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.1		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.256		0.0256	1	12/13/2017 02:11	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12800		12.8	1	12/13/2017 17:56	WG1052698
Antimony	ND		2.56	1	12/13/2017 17:56	WG1052698
Arsenic	17.9		2.56	1	12/13/2017 17:56	WG1052698
Barium	227		0.641	1	12/13/2017 17:56	WG1052698
Beryllium	1.32		0.256	1	12/13/2017 17:56	WG1052698
Cadmium	1.86		0.641	1	12/13/2017 17:56	WG1052698
Chromium	19.3		1.28	1	12/13/2017 17:56	WG1052698
Cobalt	11.1		1.28	1	12/13/2017 17:56	WG1052698
Copper	81.5		2.56	1	12/13/2017 17:56	WG1052698
Lead	273		0.641	1	12/13/2017 17:56	WG1052698
Nickel	32.8		2.56	1	12/13/2017 17:56	WG1052698
Selenium	ND		2.56	1	12/13/2017 17:56	WG1052698
Silver	ND		1.28	1	12/13/2017 17:56	WG1052698
Thallium	ND		2.56	1	12/13/2017 17:56	WG1052698
Vanadium	35.5		2.56	1	12/13/2017 17:56	WG1052698
Zinc	337		6.41	1	12/13/2017 17:56	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.9		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.572		0.0250	1	12/13/2017 02:19	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11800		12.5	1	12/13/2017 18:05	WG1052698
Antimony	ND		2.50	1	12/13/2017 18:05	WG1052698
Arsenic	28.2		2.50	1	12/13/2017 18:05	WG1052698
Barium	311		0.626	1	12/13/2017 18:05	WG1052698
Beryllium	1.24		0.250	1	12/13/2017 18:05	WG1052698
Cadmium	2.48		0.626	1	12/13/2017 18:05	WG1052698
Chromium	22.5		1.25	1	12/13/2017 18:05	WG1052698
Cobalt	12.1		1.25	1	12/13/2017 18:05	WG1052698
Copper	128		2.50	1	12/13/2017 18:05	WG1052698
Lead	507		0.626	1	12/13/2017 18:05	WG1052698
Nickel	36.5		2.50	1	12/13/2017 18:05	WG1052698
Selenium	ND		2.50	1	12/13/2017 18:05	WG1052698
Silver	ND		1.25	1	12/13/2017 18:05	WG1052698
Thallium	ND		2.50	1	12/13/2017 18:05	WG1052698
Vanadium	33.3		2.50	1	12/13/2017 18:05	WG1052698
Zinc	596		6.26	1	12/13/2017 18:05	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.2		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0219		0.0215	1	12/13/2017 02:21	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	1380		10.7	1	12/13/2017 17:37	WG1052698
Antimony	ND		2.15	1	12/13/2017 17:37	WG1052698
Arsenic	3.80		2.15	1	12/13/2017 17:37	WG1052698
Barium	22.7		0.537	1	12/13/2017 17:37	WG1052698
Beryllium	ND		0.215	1	12/13/2017 17:37	WG1052698
Cadmium	ND		0.537	1	12/13/2017 17:37	WG1052698
Chromium	5.39		1.07	1	12/13/2017 17:37	WG1052698
Cobalt	1.07		1.07	1	12/13/2017 17:37	WG1052698
Copper	4.82		2.15	1	12/13/2017 17:37	WG1052698
Lead	9.88		0.537	1	12/13/2017 17:37	WG1052698
Nickel	7.41		2.15	1	12/13/2017 17:37	WG1052698
Selenium	ND		2.15	1	12/13/2017 17:37	WG1052698
Silver	ND		1.07	1	12/13/2017 17:37	WG1052698
Thallium	ND		2.15	1	12/13/2017 17:37	WG1052698
Vanadium	9.38		2.15	1	12/13/2017 17:37	WG1052698
Zinc	18.4		5.37	1	12/13/2017 17:37	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.5		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.561		0.0252	1	12/13/2017 02:24	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11900		12.6	1	12/13/2017 18:08	WG1052698
Antimony	ND		2.52	1	12/13/2017 18:08	WG1052698
Arsenic	25.8		2.52	1	12/13/2017 18:08	WG1052698
Barium	424		0.629	1	12/13/2017 18:08	WG1052698
Beryllium	1.86		0.252	1	12/13/2017 18:08	WG1052698
Cadmium	2.41		0.629	1	12/13/2017 18:08	WG1052698
Chromium	27.0		1.26	1	12/13/2017 18:08	WG1052698
Cobalt	14.4		1.26	1	12/13/2017 18:08	WG1052698
Copper	182		2.52	1	12/13/2017 18:08	WG1052698
Lead	1060		0.629	1	12/13/2017 18:08	WG1052698
Nickel	39.1		2.52	1	12/13/2017 18:08	WG1052698
Selenium	ND		2.52	1	12/13/2017 18:08	WG1052698
Silver	ND		1.26	1	12/13/2017 18:08	WG1052698
Thallium	ND		2.52	1	12/13/2017 18:08	WG1052698
Vanadium	35.3		2.52	1	12/13/2017 18:08	WG1052698
Zinc	754		6.29	1	12/13/2017 18:08	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.8		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.207		0.0251	1	12/13/2017 02:27	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	10200		12.5	1	12/13/2017 18:11	WG1052698
Antimony	ND		2.51	1	12/13/2017 18:11	WG1052698
Arsenic	9.90		2.51	1	12/13/2017 18:11	WG1052698
Barium	120		0.627	1	12/13/2017 18:11	WG1052698
Beryllium	0.573		0.251	1	12/13/2017 18:11	WG1052698
Cadmium	0.915		0.627	1	12/13/2017 18:11	WG1052698
Chromium	25.6		1.25	1	12/13/2017 18:11	WG1052698
Cobalt	8.62		1.25	1	12/13/2017 18:11	WG1052698
Copper	32.8		2.51	1	12/13/2017 18:11	WG1052698
Lead	98.5		0.627	1	12/13/2017 18:11	WG1052698
Nickel	25.0		2.51	1	12/13/2017 18:11	WG1052698
Selenium	ND		2.51	1	12/13/2017 18:11	WG1052698
Silver	ND		1.25	1	12/13/2017 18:11	WG1052698
Thallium	ND		2.51	1	12/13/2017 18:11	WG1052698
Vanadium	27.2		2.51	1	12/13/2017 18:11	WG1052698
Zinc	145		6.27	1	12/13/2017 18:11	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.9		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	1.00		0.0247	1	12/13/2017 02:29	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	10300		12.4	1	12/13/2017 18:14	WG1052698
Antimony	ND		2.47	1	12/13/2017 18:14	WG1052698
Arsenic	14.1		2.47	1	12/13/2017 18:14	WG1052698
Barium	173		0.618	1	12/13/2017 18:14	WG1052698
Beryllium	0.883		0.247	1	12/13/2017 18:14	WG1052698
Cadmium	1.06		0.618	1	12/13/2017 18:14	WG1052698
Chromium	17.6		1.24	1	12/13/2017 18:14	WG1052698
Cobalt	7.85		1.24	1	12/13/2017 18:14	WG1052698
Copper	56.2		2.47	1	12/13/2017 18:14	WG1052698
Lead	200		0.618	1	12/13/2017 18:14	WG1052698
Nickel	22.5		2.47	1	12/13/2017 18:14	WG1052698
Selenium	ND		2.47	1	12/13/2017 18:14	WG1052698
Silver	ND		1.24	1	12/13/2017 18:14	WG1052698
Thallium	ND		2.47	1	12/13/2017 18:14	WG1052698
Vanadium	26.8		2.47	1	12/13/2017 18:14	WG1052698
Zinc	271		6.18	1	12/13/2017 18:14	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.9		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	1.80		0.0507	2	12/13/2017 04:47	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11000		12.7	1	12/13/2017 18:17	WG1052698
Antimony	ND		2.53	1	12/13/2017 18:17	WG1052698
Arsenic	25.0		2.53	1	12/13/2017 18:17	WG1052698
Barium	336		0.634	1	12/13/2017 18:17	WG1052698
Beryllium	2.14		0.253	1	12/13/2017 18:17	WG1052698
Cadmium	1.79		0.634	1	12/13/2017 18:17	WG1052698
Chromium	24.1		1.27	1	12/13/2017 18:17	WG1052698
Cobalt	11.0		1.27	1	12/13/2017 18:17	WG1052698
Copper	142		2.53	1	12/13/2017 18:17	WG1052698
Lead	1020		0.634	1	12/13/2017 18:17	WG1052698
Nickel	30.9		2.53	1	12/13/2017 18:17	WG1052698
Selenium	ND		2.53	1	12/13/2017 18:17	WG1052698
Silver	ND		1.27	1	12/13/2017 18:17	WG1052698
Thallium	ND		2.53	1	12/13/2017 18:17	WG1052698
Vanadium	35.9		2.53	1	12/13/2017 18:17	WG1052698
Zinc	566		6.34	1	12/13/2017 18:17	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	62.5		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0945		0.0320	1	12/13/2017 02:34	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	22600		16.0	1	12/13/2017 18:21	WG1052698
Antimony	ND		3.20	1	12/13/2017 18:21	WG1052698
Arsenic	26.3		3.20	1	12/13/2017 18:21	WG1052698
Barium	364		0.800	1	12/13/2017 18:21	WG1052698
Beryllium	5.04		0.320	1	12/13/2017 18:21	WG1052698
Cadmium	0.962		0.800	1	12/13/2017 18:21	WG1052698
Chromium	26.6		1.60	1	12/13/2017 18:21	WG1052698
Cobalt	15.0		1.60	1	12/13/2017 18:21	WG1052698
Copper	76.8		3.20	1	12/13/2017 18:21	WG1052698
Lead	278		0.800	1	12/13/2017 18:21	WG1052698
Nickel	31.1		3.20	1	12/13/2017 18:21	WG1052698
Selenium	ND		3.20	1	12/13/2017 18:21	WG1052698
Silver	ND		1.60	1	12/13/2017 18:21	WG1052698
Thallium	ND		3.20	1	12/13/2017 18:21	WG1052698
Vanadium	56.7		3.20	1	12/13/2017 18:21	WG1052698
Zinc	232		8.00	1	12/13/2017 18:21	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.8		1	12/15/2017 16:06	WG1053547

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.166		0.0245	1	12/13/2017 02:37	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	13800		12.2	1	12/13/2017 18:24	WG1052698
Antimony	ND		2.45	1	12/13/2017 18:24	WG1052698
Arsenic	17.3		2.45	1	12/13/2017 18:24	WG1052698
Barium	203		0.611	1	12/13/2017 18:24	WG1052698
Beryllium	1.03		0.245	1	12/13/2017 18:24	WG1052698
Cadmium	ND		0.611	1	12/13/2017 18:24	WG1052698
Chromium	16.3		1.22	1	12/13/2017 18:24	WG1052698
Cobalt	15.2		1.22	1	12/13/2017 18:24	WG1052698
Copper	57.5		2.45	1	12/13/2017 18:24	WG1052698
Lead	115		0.611	1	12/13/2017 18:24	WG1052698
Nickel	28.9		2.45	1	12/13/2017 18:24	WG1052698
Selenium	ND		2.45	1	12/13/2017 18:24	WG1052698
Silver	ND		1.22	1	12/13/2017 18:24	WG1052698
Thallium	ND		2.45	1	12/13/2017 18:24	WG1052698
Vanadium	35.6		2.45	1	12/13/2017 18:24	WG1052698
Zinc	152		6.11	1	12/13/2017 18:24	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.9		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.230		0.0257	1	12/13/2017 02:39	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	14800		12.8	1	12/13/2017 18:27	WG1052698
Antimony	ND		2.57	1	12/13/2017 18:27	WG1052698
Arsenic	17.6		2.57	1	12/13/2017 18:27	WG1052698
Barium	278		0.642	1	12/13/2017 18:27	WG1052698
Beryllium	1.18		0.257	1	12/13/2017 18:27	WG1052698
Cadmium	1.14		0.642	1	12/13/2017 18:27	WG1052698
Chromium	22.9		1.28	1	12/13/2017 18:27	WG1052698
Cobalt	12.0		1.28	1	12/13/2017 18:27	WG1052698
Copper	124		2.57	1	12/13/2017 18:27	WG1052698
Lead	240		0.642	1	12/13/2017 18:27	WG1052698
Nickel	29.1		2.57	1	12/13/2017 18:27	WG1052698
Selenium	ND		2.57	1	12/13/2017 18:27	WG1052698
Silver	ND		1.28	1	12/13/2017 18:27	WG1052698
Thallium	ND		2.57	1	12/13/2017 18:27	WG1052698
Vanadium	36.5		2.57	1	12/13/2017 18:27	WG1052698
Zinc	342		6.42	1	12/13/2017 18:27	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.1		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.350		0.0232	1	12/13/2017 02:42	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12200		11.6	1	12/13/2017 18:30	WG1052698
Antimony	ND		2.32	1	12/13/2017 18:30	WG1052698
Arsenic	15.2		2.32	1	12/13/2017 18:30	WG1052698
Barium	215		0.580	1	12/13/2017 18:30	WG1052698
Beryllium	0.856		0.232	1	12/13/2017 18:30	WG1052698
Cadmium	1.24		0.580	1	12/13/2017 18:30	WG1052698
Chromium	19.5		1.16	1	12/13/2017 18:30	WG1052698
Cobalt	10.6		1.16	1	12/13/2017 18:30	WG1052698
Copper	64.5		2.32	1	12/13/2017 18:30	WG1052698
Lead	222		0.580	1	12/13/2017 18:30	WG1052698
Nickel	31.7		2.32	1	12/13/2017 18:30	WG1052698
Selenium	ND		2.32	1	12/13/2017 18:30	WG1052698
Silver	ND		1.16	1	12/13/2017 18:30	WG1052698
Thallium	ND		2.32	1	12/13/2017 18:30	WG1052698
Vanadium	32.4		2.32	1	12/13/2017 18:30	WG1052698
Zinc	281		5.80	1	12/13/2017 18:30	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.3		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.143		0.0255	1	12/13/2017 02:52	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	9890		12.8	1	12/13/2017 18:33	WG1052698
Antimony	ND		2.55	1	12/13/2017 18:33	WG1052698
Arsenic	49.7		2.55	1	12/13/2017 18:33	WG1052698
Barium	305		0.639	1	12/13/2017 18:33	WG1052698
Beryllium	1.99		0.255	1	12/13/2017 18:33	WG1052698
Cadmium	ND		0.639	1	12/13/2017 18:33	WG1052698
Chromium	17.7		1.28	1	12/13/2017 18:33	WG1052698
Cobalt	10.6		1.28	1	12/13/2017 18:33	WG1052698
Copper	108		2.55	1	12/13/2017 18:33	WG1052698
Lead	296		0.639	1	12/13/2017 18:33	WG1052698
Nickel	27.5		2.55	1	12/13/2017 18:33	WG1052698
Selenium	ND		2.55	1	12/13/2017 18:33	WG1052698
Silver	ND		1.28	1	12/13/2017 18:33	WG1052698
Thallium	ND		2.55	1	12/13/2017 18:33	WG1052698
Vanadium	47.1		2.55	1	12/13/2017 18:33	WG1052698
Zinc	220		6.39	1	12/13/2017 18:33	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.7		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.167		0.0242	1	12/13/2017 02:55	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12800		12.1	1	12/13/2017 18:43	WG1052698
Antimony	ND		2.42	1	12/13/2017 18:43	WG1052698
Arsenic	30.9		2.42	1	12/13/2017 18:43	WG1052698
Barium	191		0.605	1	12/13/2017 18:43	WG1052698
Beryllium	1.03		0.242	1	12/13/2017 18:43	WG1052698
Cadmium	1.07		0.605	1	12/13/2017 18:43	WG1052698
Chromium	16.9		1.21	1	12/13/2017 18:43	WG1052698
Cobalt	14.8		1.21	1	12/13/2017 18:43	WG1052698
Copper	51.6		2.42	1	12/13/2017 18:43	WG1052698
Lead	135		0.605	1	12/13/2017 18:43	WG1052698
Nickel	36.8		2.42	1	12/13/2017 18:43	WG1052698
Selenium	ND		2.42	1	12/13/2017 18:43	WG1052698
Silver	ND		1.21	1	12/13/2017 18:43	WG1052698
Thallium	ND		2.42	1	12/13/2017 18:43	WG1052698
Vanadium	33.9		2.42	1	12/13/2017 18:43	WG1052698
Zinc	234		6.05	1	12/13/2017 18:43	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.8		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.283		0.0247	1	12/13/2017 02:57	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	13400		12.4	1	12/13/2017 18:46	WG1052698
Antimony	ND		2.47	1	12/13/2017 18:46	WG1052698
Arsenic	24.2		2.47	1	12/13/2017 18:46	WG1052698
Barium	284		0.619	1	12/13/2017 18:46	WG1052698
Beryllium	1.63		0.247	1	12/13/2017 18:46	WG1052698
Cadmium	1.53		0.619	1	12/13/2017 18:46	WG1052698
Chromium	21.0		1.24	1	12/13/2017 18:46	WG1052698
Cobalt	14.0		1.24	1	12/13/2017 18:46	WG1052698
Copper	112		2.47	1	12/13/2017 18:46	WG1052698
Lead	426		0.619	1	12/13/2017 18:46	WG1052698
Nickel	34.6		2.47	1	12/13/2017 18:46	WG1052698
Selenium	ND		2.47	1	12/13/2017 18:46	WG1052698
Silver	ND		1.24	1	12/13/2017 18:46	WG1052698
Thallium	ND		2.47	1	12/13/2017 18:46	WG1052698
Vanadium	35.6		2.47	1	12/13/2017 18:46	WG1052698
Zinc	412		6.19	1	12/13/2017 18:46	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.401		0.0231	1	12/13/2017 03:00	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12200		11.5	1	12/13/2017 18:49	WG1052698
Antimony	ND		2.31	1	12/13/2017 18:49	WG1052698
Arsenic	23.4		2.31	1	12/13/2017 18:49	WG1052698
Barium	423		0.577	1	12/13/2017 18:49	WG1052698
Beryllium	2.13		0.231	1	12/13/2017 18:49	WG1052698
Cadmium	2.14		0.577	1	12/13/2017 18:49	WG1052698
Chromium	18.5		1.15	1	12/13/2017 18:49	WG1052698
Cobalt	12.2		1.15	1	12/13/2017 18:49	WG1052698
Copper	91.3		2.31	1	12/13/2017 18:49	WG1052698
Lead	421		0.577	1	12/13/2017 18:49	WG1052698
Nickel	30.0		2.31	1	12/13/2017 18:49	WG1052698
Selenium	ND		2.31	1	12/13/2017 18:49	WG1052698
Silver	ND		1.15	1	12/13/2017 18:49	WG1052698
Thallium	ND		2.31	1	12/13/2017 18:49	WG1052698
Vanadium	33.6		2.31	1	12/13/2017 18:49	WG1052698
Zinc	495		5.77	1	12/13/2017 18:49	WG1052698

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.7		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.336		0.0242	1	12/13/2017 03:02	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	16500		12.1	1	12/13/2017 18:52	WG1052698
Antimony	ND		2.42	1	12/13/2017 18:52	WG1052698
Arsenic	26.8		2.42	1	12/13/2017 18:52	WG1052698
Barium	273		0.604	1	12/13/2017 18:52	WG1052698
Beryllium	1.80		0.242	1	12/13/2017 18:52	WG1052698
Cadmium	2.52		0.604	1	12/13/2017 18:52	WG1052698
Chromium	25.4		1.21	1	12/13/2017 18:52	WG1052698
Cobalt	21.8		1.21	1	12/13/2017 18:52	WG1052698
Copper	80.0		2.42	1	12/13/2017 18:52	WG1052698
Lead	359		0.604	1	12/13/2017 18:52	WG1052698
Nickel	48.5		2.42	1	12/13/2017 18:52	WG1052698
Selenium	ND		2.42	1	12/13/2017 18:52	WG1052698
Silver	ND		1.21	1	12/13/2017 18:52	WG1052698
Thallium	ND		2.42	1	12/13/2017 18:52	WG1052698
Vanadium	49.0		2.42	1	12/13/2017 18:52	WG1052698
Zinc	430		6.04	1	12/13/2017 18:52	WG1052698

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	11.1		0.145	20	12/18/2017 20:26	WG1053751
Acenaphthene	3.72		0.145	20	12/18/2017 20:26	WG1053751
Acenaphthylene	ND		0.145	20	12/18/2017 20:26	WG1053751
Benzo(a)anthracene	45.3		0.145	20	12/18/2017 20:26	WG1053751
Benzo(a)pyrene	44.2		0.145	20	12/18/2017 20:26	WG1053751
Benzo(b)fluoranthene	71.7		0.145	20	12/18/2017 20:26	WG1053751
Benzo(g,h,i)perylene	27.0		0.725	100	12/20/2017 15:47	WG1053751
Benzo(k)fluoranthene	22.3		0.145	20	12/18/2017 20:26	WG1053751
Chrysene	56.5		0.145	20	12/18/2017 20:26	WG1053751
Dibenz(a,h)anthracene	10.5		0.145	20	12/18/2017 20:26	WG1053751
Fluoranthene	116		0.725	100	12/20/2017 15:47	WG1053751
Fluorene	5.33		0.145	20	12/18/2017 20:26	WG1053751
Indeno(1,2,3-cd)pyrene	28.4		0.145	20	12/18/2017 20:26	WG1053751
Naphthalene	ND		0.483	20	12/18/2017 20:26	WG1053751
Phenanthrene	79.1		0.145	20	12/18/2017 20:26	WG1053751
Pyrene	93.1		0.145	20	12/18/2017 20:26	WG1053751
1-Methylnaphthalene	0.604		0.483	20	12/18/2017 20:26	WG1053751
2-Methylnaphthalene	0.494		0.483	20	12/18/2017 20:26	WG1053751
2-Chloronaphthalene	ND		0.483	20	12/18/2017 20:26	WG1053751
(S) p-Terphenyl-d14	*126*	J7	*23.0-120*		*12/20/2017 15:47*	WG1053751
(S) p-Terphenyl-d14	*136*	J7	*23.0-120*		*12/18/2017 20:26*	WG1053751
(S) Nitrobenzene-d5	*37.4*	J7	*14.0-149*		*12/18/2017 20:26*	WG1053751
(S) Nitrobenzene-d5	*61.4*	J7	*14.0-149*		*12/20/2017 15:47*	WG1053751
(S) 2-Fluorobiphenyl	*73.6*	J7	*34.0-125*		*12/18/2017 20:26*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*65.5*	J7	*34.0-125*		*12/20/2017 15:47*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0348		0.0246	1	12/13/2017 03:05	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11400		12.3	1	12/13/2017 18:55	WG1052698
Antimony	4.15		2.46	1	12/13/2017 18:55	WG1052698
Arsenic	13.2		2.46	1	12/13/2017 18:55	WG1052698
Barium	114		0.616	1	12/13/2017 18:55	WG1052698
Beryllium	0.674		0.246	1	12/13/2017 18:55	WG1052698
Cadmium	ND		0.616	1	12/13/2017 18:55	WG1052698
Chromium	13.3		1.23	1	12/13/2017 18:55	WG1052698
Cobalt	11.2		1.23	1	12/13/2017 18:55	WG1052698
Copper	19.9		2.46	1	12/13/2017 18:55	WG1052698
Lead	18.3		0.616	1	12/13/2017 18:55	WG1052698
Nickel	23.7		2.46	1	12/13/2017 18:55	WG1052698
Selenium	ND		2.46	1	12/13/2017 18:55	WG1052698
Silver	ND		1.23	1	12/13/2017 18:55	WG1052698
Thallium	ND		2.46	1	12/13/2017 18:55	WG1052698
Vanadium	32.4		2.46	1	12/13/2017 18:55	WG1052698
Zinc	78.5		6.16	1	12/13/2017 18:55	WG1052698

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.420	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Acenaphthene	0.0807	J3 J5	0.00739	1	12/18/2017 16:22	WG1053751
Acenaphthylene	ND		0.00739	1	12/18/2017 16:22	WG1053751
Benzo(a)anthracene	1.43	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Benzo(a)pyrene	1.21	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Benzo(b)fluoranthene	1.66	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Benzo(g,h,i)perylene	0.725	J3 V	0.0739	10	12/20/2017 12:52	WG1053751
Benzo(k)fluoranthene	0.571	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Chrysene	1.39	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Dibenz(a,h)anthracene	0.241	J3 J5	0.00739	1	12/18/2017 16:22	WG1053751
Fluoranthene	2.87	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Fluorene	0.121	J3 J5	0.00739	1	12/18/2017 16:22	WG1053751
Indeno(1,2,3-cd)pyrene	0.716	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Naphthalene	0.0756	J3 J5	0.0246	1	12/18/2017 16:22	WG1053751
Phenanthrene	1.60	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
Pyrene	2.54	J3 V	0.00739	1	12/18/2017 16:22	WG1053751
1-Methylnaphthalene	0.0727	J3 J5	0.0246	1	12/18/2017 16:22	WG1053751
2-Methylnaphthalene	0.0779	J3 J5	0.0246	1	12/18/2017 16:22	WG1053751
2-Chloronaphthalene	ND	J3	0.0246	1	12/18/2017 16:22	WG1053751
(S) p-Terphenyl-d14	*85.9*		*23.0-120*		*12/18/2017 16:22*	WG1053751
(S) p-Terphenyl-d14	*62.5*		*23.0-120*		*12/20/2017 12:52*	WG1053751
(S) Nitrobenzene-d5	*55.3*		*14.0-149*		*12/20/2017 12:52*	WG1053751
(S) Nitrobenzene-d5	*58.7*		*14.0-149*		*12/18/2017 16:22*	WG1053751
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*12/18/2017 16:22*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*61.0*		*34.0-125*		*12/20/2017 12:52*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.0		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0312		0.0241	1	12/13/2017 03:07	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7000		12.1	1	12/13/2017 18:58	WG1052698
Antimony	ND		2.41	1	12/13/2017 18:58	WG1052698
Arsenic	53.2		2.41	1	12/13/2017 18:58	WG1052698
Barium	47.3		0.603	1	12/13/2017 18:58	WG1052698
Beryllium	0.459		0.241	1	12/13/2017 18:58	WG1052698
Cadmium	ND		0.603	1	12/13/2017 18:58	WG1052698
Chromium	9.12		1.21	1	12/13/2017 18:58	WG1052698
Cobalt	8.54		1.21	1	12/13/2017 18:58	WG1052698
Copper	24.8		2.41	1	12/13/2017 18:58	WG1052698
Lead	18.8		0.603	1	12/13/2017 18:58	WG1052698
Nickel	33.8		2.41	1	12/13/2017 18:58	WG1052698
Selenium	ND		2.41	1	12/13/2017 18:58	WG1052698
Silver	ND		1.21	1	12/13/2017 18:58	WG1052698
Thallium	ND		2.41	1	12/13/2017 18:58	WG1052698
Vanadium	34.3		2.41	1	12/13/2017 18:58	WG1052698
Zinc	101		6.03	1	12/13/2017 18:58	WG1052698

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Acenaphthene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Acenaphthylene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Benzo(a)anthracene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Benzo(a)pyrene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Benzo(b)fluoranthene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Benzo(g,h,i)perylene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Benzo(k)fluoranthene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Chrysene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Dibenz(a,h)anthracene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Fluoranthene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Fluorene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Indeno(1,2,3-cd)pyrene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Naphthalene	ND		0.0241	1	12/18/2017 11:53	WG1053751
Phenanthrene	ND		0.00723	1	12/18/2017 11:53	WG1053751
Pyrene	ND		0.00723	1	12/18/2017 11:53	WG1053751
1-Methylnaphthalene	ND		0.0241	1	12/18/2017 11:53	WG1053751
2-Methylnaphthalene	ND		0.0241	1	12/18/2017 11:53	WG1053751
2-Chloronaphthalene	ND		0.0241	1	12/18/2017 11:53	WG1053751
(S) p-Terphenyl-d14	*72.9*		*23.0-120*		*12/18/2017 11:53*	WG1053751
(S) Nitrobenzene-d5	*61.5*		*14.0-149*		*12/18/2017 11:53*	WG1053751
(S) 2-Fluorobiphenyl	*75.7*		*34.0-125*		*12/18/2017 11:53*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	12/15/2017 10:46	WG1053550

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	1.54		0.0471	2	12/13/2017 04:50	WG1051887

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	14800		11.8	1	12/13/2017 19:01	WG1052698
Antimony	ND		2.35	1	12/13/2017 19:01	WG1052698
Arsenic	23.5		2.35	1	12/13/2017 19:01	WG1052698
Barium	481		0.588	1	12/13/2017 19:01	WG1052698
Beryllium	2.19		0.235	1	12/13/2017 19:01	WG1052698
Cadmium	1.29		0.588	1	12/13/2017 19:01	WG1052698
Chromium	29.6		1.18	1	12/13/2017 19:01	WG1052698
Cobalt	9.20		1.18	1	12/13/2017 19:01	WG1052698
Copper	86.4		2.35	1	12/13/2017 19:01	WG1052698
Lead	651		0.588	1	12/13/2017 19:01	WG1052698
Nickel	25.2		2.35	1	12/13/2017 19:01	WG1052698
Selenium	2.65		2.35	1	12/13/2017 19:01	WG1052698
Silver	ND		1.18	1	12/13/2017 19:01	WG1052698
Thallium	ND		2.35	1	12/13/2017 19:01	WG1052698
Vanadium	37.7		2.35	1	12/13/2017 19:01	WG1052698
Zinc	329		5.88	1	12/13/2017 19:01	WG1052698

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0262		0.00706	1	12/18/2017 15:09	WG1053751
Acenaphthene	ND		0.00706	1	12/18/2017 15:09	WG1053751
Acenaphthylene	ND		0.00706	1	12/18/2017 15:09	WG1053751
Benzo(a)anthracene	0.0904		0.00706	1	12/18/2017 15:09	WG1053751
Benzo(a)pyrene	0.0859		0.00706	1	12/18/2017 15:09	WG1053751
Benzo(b)fluoranthene	0.105		0.00706	1	12/18/2017 15:09	WG1053751
Benzo(g,h,i)perylene	0.0632		0.00706	1	12/18/2017 15:09	WG1053751
Benzo(k)fluoranthene	0.0461		0.00706	1	12/18/2017 15:09	WG1053751
Chrysene	0.0907		0.00706	1	12/18/2017 15:09	WG1053751
Dibenz(a,h)anthracene	0.0165		0.00706	1	12/18/2017 15:09	WG1053751
Fluoranthene	0.168		0.00706	1	12/18/2017 15:09	WG1053751
Fluorene	0.00911		0.00706	1	12/18/2017 15:09	WG1053751
Indeno(1,2,3-cd)pyrene	0.0499		0.00706	1	12/18/2017 15:09	WG1053751
Naphthalene	ND		0.0235	1	12/18/2017 15:09	WG1053751
Phenanthrene	0.119		0.00706	1	12/18/2017 15:09	WG1053751
Pyrene	0.160		0.00706	1	12/18/2017 15:09	WG1053751
1-Methylnaphthalene	0.0486		0.0235	1	12/18/2017 15:09	WG1053751
2-Methylnaphthalene	0.0361		0.0235	1	12/18/2017 15:09	WG1053751
2-Chloronaphthalene	ND		0.0235	1	12/18/2017 15:09	WG1053751
(S) p-Terphenyl-d14	*80.3*		*23.0-120*		*12/18/2017 15:09*	WG1053751
(S) Nitrobenzene-d5	*52.3*		*14.0-149*		*12/18/2017 15:09*	WG1053751
(S) 2-Fluorobiphenyl	*68.9*		*34.0-125*		*12/18/2017 15:09*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.6		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0764	J5	0.0283	1	12/13/2017 03:25	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12800		14.2	1	12/13/2017 19:36	WG1052705
Antimony	11.2		2.83	1	12/13/2017 19:36	WG1052705
Arsenic	26.6		2.83	1	12/13/2017 19:36	WG1052705
Barium	897		0.708	1	12/13/2017 19:36	WG1052705
Beryllium	2.48		0.283	1	12/13/2017 19:36	WG1052705
Cadmium	1.62		0.708	1	12/13/2017 19:36	WG1052705
Chromium	24.6		1.42	1	12/13/2017 19:36	WG1052705
Cobalt	13.1		1.42	1	12/13/2017 19:36	WG1052705
Copper	139		2.83	1	12/13/2017 19:36	WG1052705
Lead	1170		0.708	1	12/13/2017 19:36	WG1052705
Nickel	24.7		2.83	1	12/13/2017 19:36	WG1052705
Selenium	ND		2.83	1	12/13/2017 19:36	WG1052705
Silver	ND		1.42	1	12/13/2017 19:36	WG1052705
Thallium	ND		2.83	1	12/13/2017 19:36	WG1052705
Vanadium	41.5		2.83	1	12/13/2017 19:36	WG1052705
Zinc	725		7.08	1	12/13/2017 19:36	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0289		0.00850	1	12/18/2017 12:18	WG1053751
Acenaphthene	ND		0.00850	1	12/18/2017 12:18	WG1053751
Acenaphthylene	ND		0.00850	1	12/18/2017 12:18	WG1053751
Benzo(a)anthracene	0.213		0.00850	1	12/18/2017 12:18	WG1053751
Benzo(a)pyrene	0.218		0.00850	1	12/18/2017 12:18	WG1053751
Benzo(b)fluoranthene	0.280		0.00850	1	12/18/2017 12:18	WG1053751
Benzo(g,h,i)perylene	0.148		0.00850	1	12/18/2017 12:18	WG1053751
Benzo(k)fluoranthene	0.107		0.00850	1	12/18/2017 12:18	WG1053751
Chrysene	0.203		0.00850	1	12/18/2017 12:18	WG1053751
Dibenz(a,h)anthracene	0.0377		0.00850	1	12/18/2017 12:18	WG1053751
Fluoranthene	0.293		0.00850	1	12/18/2017 12:18	WG1053751
Fluorene	ND		0.00850	1	12/18/2017 12:18	WG1053751
Indeno(1,2,3-cd)pyrene	0.130		0.00850	1	12/18/2017 12:18	WG1053751
Naphthalene	0.0298		0.0283	1	12/18/2017 12:18	WG1053751
Phenanthrene	0.0780		0.00850	1	12/18/2017 12:18	WG1053751
Pyrene	0.276		0.00850	1	12/18/2017 12:18	WG1053751
1-Methylnaphthalene	0.0289		0.0283	1	12/18/2017 12:18	WG1053751
2-Methylnaphthalene	0.0325		0.0283	1	12/18/2017 12:18	WG1053751
2-Chloronaphthalene	ND		0.0283	1	12/18/2017 12:18	WG1053751
(S) p-Terphenyl-d14	*87.7*		*23.0-120*		*12/18/2017 12:18*	WG1053751
(S) Nitrobenzene-d5	*68.6*		*14.0-149*		*12/18/2017 12:18*	WG1053751
(S) 2-Fluorobiphenyl	*84.6*		*34.0-125*		*12/18/2017 12:18*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0427		0.0241	1	12/13/2017 03:33	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	13400		12.0	1	12/13/2017 19:39	WG1052705
Antimony	ND		2.41	1	12/13/2017 19:39	WG1052705
Arsenic	24.1		2.41	1	12/13/2017 19:39	WG1052705
Barium	499		0.602	1	12/13/2017 19:39	WG1052705
Beryllium	1.12		0.241	1	12/13/2017 19:39	WG1052705
Cadmium	5.76		0.602	1	12/13/2017 19:39	WG1052705
Chromium	36.5		1.20	1	12/13/2017 19:39	WG1052705
Cobalt	12.8		1.20	1	12/13/2017 19:39	WG1052705
Copper	2430		2.41	1	12/13/2017 19:39	WG1052705
Lead	570		0.602	1	12/13/2017 19:39	WG1052705
Nickel	45.5		2.41	1	12/13/2017 19:39	WG1052705
Selenium	ND		2.41	1	12/13/2017 19:39	WG1052705
Silver	ND		1.20	1	12/13/2017 19:39	WG1052705
Thallium	ND		2.41	1	12/13/2017 19:39	WG1052705
Vanadium	27.4		2.41	1	12/13/2017 19:39	WG1052705
Zinc	2850		30.1	5	12/13/2017 22:09	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Acenaphthene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Acenaphthylene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Benzo(a)anthracene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Benzo(a)pyrene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Benzo(b)fluoranthene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Benzo(g,h,i)perylene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Benzo(k)fluoranthene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Chrysene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Dibenz(a,h)anthracene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Fluoranthene	0.0135		0.00722	1	12/18/2017 12:42	WG1053751
Fluorene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Indeno(1,2,3-cd)pyrene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Naphthalene	ND		0.0241	1	12/18/2017 12:42	WG1053751
Phenanthrene	ND		0.00722	1	12/18/2017 12:42	WG1053751
Pyrene	0.00988		0.00722	1	12/18/2017 12:42	WG1053751
1-Methylnaphthalene	ND		0.0241	1	12/18/2017 12:42	WG1053751
2-Methylnaphthalene	ND		0.0241	1	12/18/2017 12:42	WG1053751
2-Chloronaphthalene	ND		0.0241	1	12/18/2017 12:42	WG1053751
(S) p-Terphenyl-d14	*108*		*23.0-120*		*12/18/2017 12:42*	WG1053751
(S) Nitrobenzene-d5	*53.5*		*14.0-149*		*12/18/2017 12:42*	WG1053751
(S) 2-Fluorobiphenyl	*77.6*		*34.0-125*		*12/18/2017 12:42*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.458		0.0247	1	12/13/2017 03:35	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	5510		12.3	1	12/13/2017 19:48	WG1052705
Antimony	ND		2.47	1	12/13/2017 19:48	WG1052705
Arsenic	17.5		2.47	1	12/13/2017 19:48	WG1052705
Barium	1870		0.617	1	12/13/2017 19:48	WG1052705
Beryllium	0.785		0.247	1	12/13/2017 19:48	WG1052705
Cadmium	3.40		0.617	1	12/13/2017 19:48	WG1052705
Chromium	29.2		1.23	1	12/13/2017 19:48	WG1052705
Cobalt	7.44		1.23	1	12/13/2017 19:48	WG1052705
Copper	219		2.47	1	12/13/2017 19:48	WG1052705
Lead	1180		0.617	1	12/13/2017 19:48	WG1052705
Nickel	28.2		2.47	1	12/13/2017 19:48	WG1052705
Selenium	ND		2.47	1	12/13/2017 19:48	WG1052705
Silver	2.23		1.23	1	12/13/2017 19:48	WG1052705
Thallium	ND		2.47	1	12/13/2017 19:48	WG1052705
Vanadium	17.1		2.47	1	12/13/2017 19:48	WG1052705
Zinc	1350		6.17	1	12/13/2017 19:48	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.802		0.00741	1	12/18/2017 15:33	WG1053751
Acenaphthene	0.186		0.00741	1	12/18/2017 15:33	WG1053751
Acenaphthylene	ND		0.00741	1	12/18/2017 15:33	WG1053751
Benzo(a)anthracene	2.24		0.00741	1	12/18/2017 15:33	WG1053751
Benzo(a)pyrene	1.79		0.00741	1	12/18/2017 15:33	WG1053751
Benzo(b)fluoranthene	2.37		0.00741	1	12/18/2017 15:33	WG1053751
Benzo(g,h,i)perylene	1.03		0.0741	10	12/20/2017 12:30	WG1053751
Benzo(k)fluoranthene	0.740		0.00741	1	12/18/2017 15:33	WG1053751
Chrysene	2.10		0.00741	1	12/18/2017 15:33	WG1053751
Dibenz(a,h)anthracene	0.326		0.00741	1	12/18/2017 15:33	WG1053751
Fluoranthene	4.23		0.0741	10	12/20/2017 12:30	WG1053751
Fluorene	0.238		0.00741	1	12/18/2017 15:33	WG1053751
Indeno(1,2,3-cd)pyrene	0.999		0.00741	1	12/18/2017 15:33	WG1053751
Naphthalene	0.0642		0.0247	1	12/18/2017 15:33	WG1053751
Phenanthrene	2.43		0.00741	1	12/18/2017 15:33	WG1053751
Pyrene	4.37		0.00741	1	12/18/2017 15:33	WG1053751
1-Methylnaphthalene	0.0497		0.0247	1	12/18/2017 15:33	WG1053751
2-Methylnaphthalene	0.0528		0.0247	1	12/18/2017 15:33	WG1053751
2-Chloronaphthalene	ND		0.0247	1	12/18/2017 15:33	WG1053751
(S) p-Terphenyl-d14	*72.1*		*23.0-120*		*12/18/2017 15:33*	WG1053751
(S) p-Terphenyl-d14	*51.8*		*23.0-120*		*12/20/2017 12:30*	WG1053751
(S) Nitrobenzene-d5	*52.6*		*14.0-149*		*12/20/2017 12:30*	WG1053751
(S) Nitrobenzene-d5	*52.7*		*14.0-149*		*12/18/2017 15:33*	WG1053751
(S) 2-Fluorobiphenyl	*54.1*		*34.0-125*		*12/20/2017 12:30*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*67.2*		*34.0-125*		*12/18/2017 15:33*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.5		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.283		0.0242	1	12/13/2017 03:38	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12400		12.1	1	12/13/2017 19:52	WG1052705
Antimony	ND		2.42	1	12/13/2017 19:52	WG1052705
Arsenic	22.7		2.42	1	12/13/2017 19:52	WG1052705
Barium	354		0.606	1	12/13/2017 19:52	WG1052705
Beryllium	0.956		0.242	1	12/13/2017 19:52	WG1052705
Cadmium	0.708		0.606	1	12/13/2017 19:52	WG1052705
Chromium	17.2		1.21	1	12/13/2017 19:52	WG1052705
Cobalt	12.8		1.21	1	12/13/2017 19:52	WG1052705
Copper	50.4		2.42	1	12/13/2017 19:52	WG1052705
Lead	490		0.606	1	12/13/2017 19:52	WG1052705
Nickel	35.9		2.42	1	12/13/2017 19:52	WG1052705
Selenium	ND		2.42	1	12/13/2017 19:52	WG1052705
Silver	ND		1.21	1	12/13/2017 19:52	WG1052705
Thallium	ND		2.42	1	12/13/2017 19:52	WG1052705
Vanadium	31.7		2.42	1	12/13/2017 19:52	WG1052705
Zinc	217		6.06	1	12/13/2017 19:52	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	4.33		0.364	50	12/20/2017 15:03	WG1053751
Acenaphthene	1.12		0.00727	1	12/18/2017 15:57	WG1053751
Acenaphthylene	ND		0.00727	1	12/18/2017 15:57	WG1053751
Benzo(a)anthracene	6.72		0.364	50	12/20/2017 15:03	WG1053751
Benzo(a)pyrene	4.39		0.364	50	12/20/2017 15:03	WG1053751
Benzo(b)fluoranthene	6.04		0.364	50	12/20/2017 15:03	WG1053751
Benzo(g,h,i)perylene	2.66		0.364	50	12/20/2017 15:03	WG1053751
Benzo(k)fluoranthene	1.87		0.00727	1	12/18/2017 15:57	WG1053751
Chrysene	5.56		0.364	50	12/20/2017 15:03	WG1053751
Dibenz(a,h)anthracene	1.18		0.00727	1	12/18/2017 15:57	WG1053751
Fluoranthene	15.7		0.364	50	12/20/2017 15:03	WG1053751
Fluorene	2.08		0.00727	1	12/18/2017 15:57	WG1053751
Indeno(1,2,3-cd)pyrene	2.74		0.00727	1	12/18/2017 15:57	WG1053751
Naphthalene	0.149		0.0242	1	12/18/2017 15:57	WG1053751
Phenanthrene	12.3		0.364	50	12/20/2017 15:03	WG1053751
Pyrene	9.99		0.364	50	12/20/2017 15:03	WG1053751
1-Methylnaphthalene	0.274		0.0242	1	12/18/2017 15:57	WG1053751
2-Methylnaphthalene	0.254		0.0242	1	12/18/2017 15:57	WG1053751
2-Chloronaphthalene	ND		0.0242	1	12/18/2017 15:57	WG1053751
(S) p-Terphenyl-d14	*84.2*		*23.0-120*		*12/18/2017 15:57*	WG1053751
(S) p-Terphenyl-d14	*71.5*	J7	*23.0-120*		*12/20/2017 15:03*	WG1053751
(S) Nitrobenzene-d5	*65.1*		*14.0-149*		*12/18/2017 15:57*	WG1053751
(S) Nitrobenzene-d5	*67.0*	J7	*14.0-149*		*12/20/2017 15:03*	WG1053751
(S) 2-Fluorobiphenyl	*82.0*		*34.0-125*		*12/18/2017 15:57*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*70.5*	J7	*34.0-125*		*12/20/2017 15:03*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0341		0.0236	1	12/13/2017 03:41	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	10900		11.8	1	12/13/2017 19:55	WG1052705
Antimony	ND		2.36	1	12/13/2017 19:55	WG1052705
Arsenic	22.1		2.36	1	12/13/2017 19:55	WG1052705
Barium	123		0.591	1	12/13/2017 19:55	WG1052705
Beryllium	0.713		0.236	1	12/13/2017 19:55	WG1052705
Cadmium	ND		0.591	1	12/13/2017 19:55	WG1052705
Chromium	13.5		1.18	1	12/13/2017 19:55	WG1052705
Cobalt	11.5		1.18	1	12/13/2017 19:55	WG1052705
Copper	24.6		2.36	1	12/13/2017 19:55	WG1052705
Lead	22.6		0.591	1	12/13/2017 19:55	WG1052705
Nickel	34.2		2.36	1	12/13/2017 19:55	WG1052705
Selenium	ND		2.36	1	12/13/2017 19:55	WG1052705
Silver	ND		1.18	1	12/13/2017 19:55	WG1052705
Thallium	ND		2.36	1	12/13/2017 19:55	WG1052705
Vanadium	33.7		2.36	1	12/13/2017 19:55	WG1052705
Zinc	95.2		5.91	1	12/13/2017 19:55	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.119		0.00709	1	12/18/2017 13:06	WG1053751
Acenaphthene	0.0325		0.00709	1	12/18/2017 13:06	WG1053751
Acenaphthylene	ND		0.00709	1	12/18/2017 13:06	WG1053751
Benzo(a)anthracene	0.194		0.00709	1	12/18/2017 13:06	WG1053751
Benzo(a)pyrene	0.167		0.00709	1	12/18/2017 13:06	WG1053751
Benzo(b)fluoranthene	0.206		0.00709	1	12/18/2017 13:06	WG1053751
Benzo(g,h,i)perylene	0.103		0.00709	1	12/18/2017 13:06	WG1053751
Benzo(k)fluoranthene	0.0799		0.00709	1	12/18/2017 13:06	WG1053751
Chrysene	0.174		0.00709	1	12/18/2017 13:06	WG1053751
Dibenz(a,h)anthracene	0.0259		0.00709	1	12/18/2017 13:06	WG1053751
Fluoranthene	0.442		0.00709	1	12/18/2017 13:06	WG1053751
Fluorene	0.0510		0.00709	1	12/18/2017 13:06	WG1053751
Indeno(1,2,3-cd)pyrene	0.0909		0.00709	1	12/18/2017 13:06	WG1053751
Naphthalene	ND		0.0236	1	12/18/2017 13:06	WG1053751
Phenanthrene	0.362		0.00709	1	12/18/2017 13:06	WG1053751
Pyrene	0.395		0.00709	1	12/18/2017 13:06	WG1053751
1-Methylnaphthalene	ND		0.0236	1	12/18/2017 13:06	WG1053751
2-Methylnaphthalene	ND		0.0236	1	12/18/2017 13:06	WG1053751
2-Chloronaphthalene	ND		0.0236	1	12/18/2017 13:06	WG1053751
(S) p-Terphenyl-d14	*77.9*		*23.0-120*		*12/18/2017 13:06*	WG1053751
(S) Nitrobenzene-d5	*61.0*		*14.0-149*		*12/18/2017 13:06*	WG1053751
(S) 2-Fluorobiphenyl	*76.5*		*34.0-125*		*12/18/2017 13:06*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.9		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.152		0.0238	1	12/13/2017 03:43	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11300		11.9	1	12/13/2017 19:58	WG1052705
Antimony	ND		2.38	1	12/13/2017 19:58	WG1052705
Arsenic	42.4		2.38	1	12/13/2017 19:58	WG1052705
Barium	152		0.596	1	12/13/2017 19:58	WG1052705
Beryllium	0.720		0.238	1	12/13/2017 19:58	WG1052705
Cadmium	0.944		0.596	1	12/13/2017 19:58	WG1052705
Chromium	25.0		1.19	1	12/13/2017 19:58	WG1052705
Cobalt	10.5		1.19	1	12/13/2017 19:58	WG1052705
Copper	65.4		2.38	1	12/13/2017 19:58	WG1052705
Lead	186		0.596	1	12/13/2017 19:58	WG1052705
Nickel	34.9		2.38	1	12/13/2017 19:58	WG1052705
Selenium	ND		2.38	1	12/13/2017 19:58	WG1052705
Silver	ND		1.19	1	12/13/2017 19:58	WG1052705
Thallium	ND		2.38	1	12/13/2017 19:58	WG1052705
Vanadium	32.4		2.38	1	12/13/2017 19:58	WG1052705
Zinc	285		5.96	1	12/13/2017 19:58	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0300		0.00715	1	12/18/2017 18:00	WG1053751
Acenaphthene	ND		0.00715	1	12/18/2017 18:00	WG1053751
Acenaphthylene	ND		0.00715	1	12/18/2017 18:00	WG1053751
Benzo(a)anthracene	0.0852		0.00715	1	12/18/2017 18:00	WG1053751
Benzo(a)pyrene	0.0824		0.00715	1	12/18/2017 18:00	WG1053751
Benzo(b)fluoranthene	0.113		0.00715	1	12/18/2017 18:00	WG1053751
Benzo(g,h,i)perylene	0.0557		0.00715	1	12/18/2017 18:00	WG1053751
Benzo(k)fluoranthene	0.0382		0.00715	1	12/18/2017 18:00	WG1053751
Chrysene	0.0840		0.00715	1	12/18/2017 18:00	WG1053751
Dibenz(a,h)anthracene	0.0166		0.00715	1	12/18/2017 18:00	WG1053751
Fluoranthene	0.173		0.00715	1	12/18/2017 18:00	WG1053751
Fluorene	0.00834		0.00715	1	12/18/2017 18:00	WG1053751
Indeno(1,2,3-cd)pyrene	0.0492		0.00715	1	12/18/2017 18:00	WG1053751
Naphthalene	ND		0.0238	1	12/18/2017 18:00	WG1053751
Phenanthrene	0.0861		0.00715	1	12/18/2017 18:00	WG1053751
Pyrene	0.161		0.00715	1	12/18/2017 18:00	WG1053751
1-Methylnaphthalene	ND		0.0238	1	12/18/2017 18:00	WG1053751
2-Methylnaphthalene	ND		0.0238	1	12/18/2017 18:00	WG1053751
2-Chloronaphthalene	ND		0.0238	1	12/18/2017 18:00	WG1053751
(S) p-Terphenyl-d14	*85.9*		*23.0-120*		*12/18/2017 18:00*	WG1053751
(S) Nitrobenzene-d5	*66.3*		*14.0-149*		*12/18/2017 18:00*	WG1053751
(S) 2-Fluorobiphenyl	*80.6*		*34.0-125*		*12/18/2017 18:00*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.8		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0649		0.0233	1	12/13/2017 03:46	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	15000		11.7	1	12/13/2017 20:01	WG1052705
Antimony	ND		2.33	1	12/13/2017 20:01	WG1052705
Arsenic	20.7		2.33	1	12/13/2017 20:01	WG1052705
Barium	357		0.583	1	12/13/2017 20:01	WG1052705
Beryllium	0.857		0.233	1	12/13/2017 20:01	WG1052705
Cadmium	ND		0.583	1	12/13/2017 20:01	WG1052705
Chromium	18.9		1.17	1	12/13/2017 20:01	WG1052705
Cobalt	12.5		1.17	1	12/13/2017 20:01	WG1052705
Copper	29.4		2.33	1	12/13/2017 20:01	WG1052705
Lead	51.8		0.583	1	12/13/2017 20:01	WG1052705
Nickel	37.7		2.33	1	12/13/2017 20:01	WG1052705
Selenium	ND		2.33	1	12/13/2017 20:01	WG1052705
Silver	ND		1.17	1	12/13/2017 20:01	WG1052705
Thallium	ND		2.33	1	12/13/2017 20:01	WG1052705
Vanadium	38.5		2.33	1	12/13/2017 20:01	WG1052705
Zinc	189		5.83	1	12/13/2017 20:01	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.134		0.00700	1	12/18/2017 14:44	WG1053751
Acenaphthene	0.0168		0.00700	1	12/18/2017 14:44	WG1053751
Acenaphthylene	ND		0.00700	1	12/18/2017 14:44	WG1053751
Benzo(a)anthracene	0.765		0.00700	1	12/18/2017 14:44	WG1053751
Benzo(a)pyrene	0.724		0.00700	1	12/18/2017 14:44	WG1053751
Benzo(b)fluoranthene	1.02		0.00700	1	12/18/2017 14:44	WG1053751
Benzo(g,h,i)perylene	0.466		0.0700	10	12/20/2017 12:08	WG1053751
Benzo(k)fluoranthene	0.311		0.00700	1	12/18/2017 14:44	WG1053751
Chrysene	0.769		0.00700	1	12/18/2017 14:44	WG1053751
Dibenz(a,h)anthracene	0.146		0.00700	1	12/18/2017 14:44	WG1053751
Fluoranthene	1.36		0.00700	1	12/18/2017 14:44	WG1053751
Fluorene	0.0277		0.00700	1	12/18/2017 14:44	WG1053751
Indeno(1,2,3-cd)pyrene	0.444		0.00700	1	12/18/2017 14:44	WG1053751
Naphthalene	ND		0.0233	1	12/18/2017 14:44	WG1053751
Phenanthrene	0.432		0.00700	1	12/18/2017 14:44	WG1053751
Pyrene	1.21		0.00700	1	12/18/2017 14:44	WG1053751
1-Methylnaphthalene	ND		0.0233	1	12/18/2017 14:44	WG1053751
2-Methylnaphthalene	ND		0.0233	1	12/18/2017 14:44	WG1053751
2-Chloronaphthalene	ND		0.0233	1	12/18/2017 14:44	WG1053751
(S) p-Terphenyl-d14	*63.0*		*23.0-120*		*12/20/2017 12:08*	WG1053751
(S) p-Terphenyl-d14	*84.5*		*23.0-120*		*12/18/2017 14:44*	WG1053751
(S) Nitrobenzene-d5	*68.2*		*14.0-149*		*12/20/2017 12:08*	WG1053751
(S) Nitrobenzene-d5	*71.4*		*14.0-149*		*12/18/2017 14:44*	WG1053751
(S) 2-Fluorobiphenyl	*72.7*		*34.0-125*		*12/20/2017 12:08*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*88.5*		*34.0-125*		*12/18/2017 14:44*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.444		0.0237	1	12/13/2017 03:53	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7990	O1 V	11.8	1	12/13/2017 19:20	WG1052705
Antimony	ND	J6	2.37	1	12/13/2017 19:20	WG1052705
Arsenic	23.5		2.37	1	12/13/2017 19:20	WG1052705
Barium	539	V	0.591	1	12/13/2017 19:20	WG1052705
Beryllium	0.582		0.237	1	12/13/2017 19:20	WG1052705
Cadmium	8.26		0.591	1	12/13/2017 19:20	WG1052705
Chromium	32.5		1.18	1	12/13/2017 19:20	WG1052705
Cobalt	9.87		1.18	1	12/13/2017 19:20	WG1052705
Copper	82.3		2.37	1	12/13/2017 19:20	WG1052705
Lead	677	V	0.591	1	12/13/2017 19:20	WG1052705
Nickel	29.5		2.37	1	12/13/2017 19:20	WG1052705
Selenium	ND		2.37	1	12/13/2017 19:20	WG1052705
Silver	ND		1.18	1	12/13/2017 19:20	WG1052705
Thallium	ND		2.37	1	12/13/2017 19:20	WG1052705
Vanadium	24.1		2.37	1	12/13/2017 19:20	WG1052705
Zinc	1590	J3 O1 V	5.91	1	12/13/2017 19:20	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0777		0.00710	1	12/18/2017 18:24	WG1053751
Acenaphthene	0.0249		0.00710	1	12/18/2017 18:24	WG1053751
Acenaphthylene	ND		0.00710	1	12/18/2017 18:24	WG1053751
Benzo(a)anthracene	0.502		0.00710	1	12/18/2017 18:24	WG1053751
Benzo(a)pyrene	0.542		0.00710	1	12/18/2017 18:24	WG1053751
Benzo(b)fluoranthene	0.862		0.00710	1	12/18/2017 18:24	WG1053751
Benzo(g,h,i)perylene	0.430		0.00710	1	12/18/2017 18:24	WG1053751
Benzo(k)fluoranthene	0.287		0.00710	1	12/18/2017 18:24	WG1053751
Chrysene	0.633		0.00710	1	12/18/2017 18:24	WG1053751
Dibenz(a,h)anthracene	0.118		0.00710	1	12/18/2017 18:24	WG1053751
Fluoranthene	1.23		0.00710	1	12/18/2017 18:24	WG1053751
Fluorene	0.0356		0.00710	1	12/18/2017 18:24	WG1053751
Indeno(1,2,3-cd)pyrene	0.381		0.00710	1	12/18/2017 18:24	WG1053751
Naphthalene	0.0446		0.0237	1	12/18/2017 18:24	WG1053751
Phenanthrene	0.570		0.00710	1	12/18/2017 18:24	WG1053751
Pyrene	1.05		0.00710	1	12/18/2017 18:24	WG1053751
1-Methylnaphthalene	0.0443		0.0237	1	12/18/2017 18:24	WG1053751
2-Methylnaphthalene	0.0516		0.0237	1	12/18/2017 18:24	WG1053751
2-Chloronaphthalene	ND		0.0237	1	12/18/2017 18:24	WG1053751
(S) p-Terphenyl-d14	*80.7*		*23.0-120*		*12/18/2017 18:24*	WG1053751
(S) Nitrobenzene-d5	*62.2*		*14.0-149*		*12/18/2017 18:24*	WG1053751
(S) 2-Fluorobiphenyl	*81.1*		*34.0-125*		*12/18/2017 18:24*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.9		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.531		0.0238	1	12/13/2017 03:56	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	12200		11.9	1	12/13/2017 20:04	WG1052705
Antimony	ND		2.38	1	12/13/2017 20:04	WG1052705
Arsenic	19.9		2.38	1	12/13/2017 20:04	WG1052705
Barium	395		0.596	1	12/13/2017 20:04	WG1052705
Beryllium	1.36		0.238	1	12/13/2017 20:04	WG1052705
Cadmium	2.12		0.596	1	12/13/2017 20:04	WG1052705
Chromium	17.3		1.19	1	12/13/2017 20:04	WG1052705
Cobalt	10.1		1.19	1	12/13/2017 20:04	WG1052705
Copper	349		2.38	1	12/13/2017 20:04	WG1052705
Lead	423		0.596	1	12/13/2017 20:04	WG1052705
Nickel	28.4		2.38	1	12/13/2017 20:04	WG1052705
Selenium	ND		2.38	1	12/13/2017 20:04	WG1052705
Silver	ND		1.19	1	12/13/2017 20:04	WG1052705
Thallium	ND		2.38	1	12/13/2017 20:04	WG1052705
Vanadium	31.2		2.38	1	12/13/2017 20:04	WG1052705
Zinc	644		5.96	1	12/13/2017 20:04	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	7.79		0.0358	5	12/18/2017 19:37	WG1053751
Acenaphthene	2.32		0.0358	5	12/18/2017 19:37	WG1053751
Acenaphthylene	ND		0.0358	5	12/18/2017 19:37	WG1053751
Benzo(a)anthracene	12.4		0.0358	5	12/18/2017 19:37	WG1053751
Benzo(a)pyrene	8.90		0.0358	5	12/18/2017 19:37	WG1053751
Benzo(b)fluoranthene	11.3		0.0358	5	12/18/2017 19:37	WG1053751
Benzo(g,h,i)perylene	5.78		0.715	100	12/20/2017 15:25	WG1053751
Benzo(k)fluoranthene	4.19		0.0358	5	12/18/2017 19:37	WG1053751
Chrysene	11.3		0.0358	5	12/18/2017 19:37	WG1053751
Dibenz(a,h)anthracene	1.95		0.0358	5	12/18/2017 19:37	WG1053751
Fluoranthene	27.2		0.715	100	12/20/2017 15:25	WG1053751
Fluorene	3.31		0.0358	5	12/18/2017 19:37	WG1053751
Indeno(1,2,3-cd)pyrene	4.97		0.0358	5	12/18/2017 19:37	WG1053751
Naphthalene	1.39		0.119	5	12/18/2017 19:37	WG1053751
Phenanthrene	21.5		0.715	100	12/20/2017 15:25	WG1053751
Pyrene	18.6		0.715	100	12/20/2017 15:25	WG1053751
1-Methylnaphthalene	0.918		0.119	5	12/18/2017 19:37	WG1053751
2-Methylnaphthalene	0.999		0.119	5	12/18/2017 19:37	WG1053751
2-Chloronaphthalene	ND		0.119	5	12/18/2017 19:37	WG1053751
(S) p-Terphenyl-d14	*95.9*		*23.0-120*		*12/18/2017 19:37*	WG1053751
(S) p-Terphenyl-d14	*81.3*	J7	*23.0-120*		*12/20/2017 15:25*	WG1053751
(S) Nitrobenzene-d5	*53.5*		*14.0-149*		*12/18/2017 19:37*	WG1053751
(S) Nitrobenzene-d5	*77.8*	J7	*14.0-149*		*12/20/2017 15:25*	WG1053751
(S) 2-Fluorobiphenyl	*69.1*	J7	*34.0-125*		*12/20/2017 15:25*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*84.5*		*34.0-125*		*12/18/2017 19:37*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.2		1	12/15/2017 10:36	WG1053551

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.234		0.0232	1	12/13/2017 03:58	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	15800		11.6	1	12/13/2017 20:07	WG1052705
Antimony	ND		2.32	1	12/13/2017 20:07	WG1052705
Arsenic	17.6		2.32	1	12/13/2017 20:07	WG1052705
Barium	192		0.580	1	12/13/2017 20:07	WG1052705
Beryllium	0.935		0.232	1	12/13/2017 20:07	WG1052705
Cadmium	0.705		0.580	1	12/13/2017 20:07	WG1052705
Chromium	17.5		1.16	1	12/13/2017 20:07	WG1052705
Cobalt	11.3		1.16	1	12/13/2017 20:07	WG1052705
Copper	46.0		2.32	1	12/13/2017 20:07	WG1052705
Lead	124		0.580	1	12/13/2017 20:07	WG1052705
Nickel	33.5		2.32	1	12/13/2017 20:07	WG1052705
Selenium	ND		2.32	1	12/13/2017 20:07	WG1052705
Silver	ND		1.16	1	12/13/2017 20:07	WG1052705
Thallium	ND		2.32	1	12/13/2017 20:07	WG1052705
Vanadium	34.8		2.32	1	12/13/2017 20:07	WG1052705
Zinc	186		5.80	1	12/13/2017 20:07	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	3.66		0.0348	5	12/18/2017 20:02	WG1053751
Acenaphthene	0.769		0.0348	5	12/18/2017 20:02	WG1053751
Acenaphthylene	0.342		0.0348	5	12/18/2017 20:02	WG1053751
Benzo(a)anthracene	5.63		0.0348	5	12/18/2017 20:02	WG1053751
Benzo(a)pyrene	4.33		0.0348	5	12/18/2017 20:02	WG1053751
Benzo(b)fluoranthene	5.63		0.0348	5	12/18/2017 20:02	WG1053751
Benzo(g,h,i)perylene	2.27		0.139	20	12/20/2017 14:41	WG1053751
Benzo(k)fluoranthene	1.92		0.0348	5	12/18/2017 20:02	WG1053751
Chrysene	4.93		0.0348	5	12/18/2017 20:02	WG1053751
Dibenz(a,h)anthracene	0.808		0.0348	5	12/18/2017 20:02	WG1053751
Fluoranthene	12.1		0.0348	5	12/18/2017 20:02	WG1053751
Fluorene	1.80		0.0348	5	12/18/2017 20:02	WG1053751
Indeno(1,2,3-cd)pyrene	2.35		0.0348	5	12/18/2017 20:02	WG1053751
Naphthalene	0.604		0.116	5	12/18/2017 20:02	WG1053751
Phenanthrene	10.5		0.0348	5	12/18/2017 20:02	WG1053751
Pyrene	10.6		0.0348	5	12/18/2017 20:02	WG1053751
1-Methylnaphthalene	0.783		0.116	5	12/18/2017 20:02	WG1053751
2-Methylnaphthalene	0.808		0.116	5	12/18/2017 20:02	WG1053751
2-Chloronaphthalene	ND		0.116	5	12/18/2017 20:02	WG1053751
(S) p-Terphenyl-d14	*70.6*	J7	*23.0-120*		*12/20/2017 14:41*	WG1053751
(S) p-Terphenyl-d14	*94.0*		*23.0-120*		*12/18/2017 20:02*	WG1053751
(S) Nitrobenzene-d5	*47.5*		*14.0-149*		*12/18/2017 20:02*	WG1053751
(S) Nitrobenzene-d5	*71.2*	J7	*14.0-149*		*12/20/2017 14:41*	WG1053751
(S) 2-Fluorobiphenyl	*91.0*		*34.0-125*		*12/18/2017 20:02*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*74.2*	J7	*34.0-125*		*12/20/2017 14:41*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.3		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	1.24		0.0492	2	12/13/2017 08:21	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11600		12.3	1	12/13/2017 20:10	WG1052705
Antimony	ND		2.46	1	12/13/2017 20:10	WG1052705
Arsenic	14.9		2.46	1	12/13/2017 20:10	WG1052705
Barium	168		0.615	1	12/13/2017 20:10	WG1052705
Beryllium	0.938		0.246	1	12/13/2017 20:10	WG1052705
Cadmium	1.18		0.615	1	12/13/2017 20:10	WG1052705
Chromium	16.5		1.23	1	12/13/2017 20:10	WG1052705
Cobalt	11.7		1.23	1	12/13/2017 20:10	WG1052705
Copper	64.8		2.46	1	12/13/2017 20:10	WG1052705
Lead	320		0.615	1	12/13/2017 20:10	WG1052705
Nickel	41.0		2.46	1	12/13/2017 20:10	WG1052705
Selenium	ND		2.46	1	12/13/2017 20:10	WG1052705
Silver	ND		1.23	1	12/13/2017 20:10	WG1052705
Thallium	ND		2.46	1	12/13/2017 20:10	WG1052705
Vanadium	31.6		2.46	1	12/13/2017 20:10	WG1052705
Zinc	310		6.15	1	12/13/2017 20:10	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.344		0.00738	1	12/18/2017 17:35	WG1053751
Acenaphthene	0.0922		0.00738	1	12/18/2017 17:35	WG1053751
Acenaphthylene	ND		0.00738	1	12/18/2017 17:35	WG1053751
Benzo(a)anthracene	0.908		0.00738	1	12/18/2017 17:35	WG1053751
Benzo(a)pyrene	0.971		0.00738	1	12/18/2017 17:35	WG1053751
Benzo(b)fluoranthene	1.37		0.00738	1	12/18/2017 17:35	WG1053751
Benzo(g,h,i)perylene	0.678		0.0738	10	12/20/2017 13:58	WG1053751
Benzo(k)fluoranthene	0.332		0.00738	1	12/18/2017 17:35	WG1053751
Chrysene	0.875		0.00738	1	12/18/2017 17:35	WG1053751
Dibenz(a,h)anthracene	0.215		0.00738	1	12/18/2017 17:35	WG1053751
Fluoranthene	1.78		0.00738	1	12/18/2017 17:35	WG1053751
Fluorene	0.117		0.00738	1	12/18/2017 17:35	WG1053751
Indeno(1,2,3-cd)pyrene	0.665		0.00738	1	12/18/2017 17:35	WG1053751
Naphthalene	0.0643		0.0246	1	12/18/2017 17:35	WG1053751
Phenanthrene	0.956		0.00738	1	12/18/2017 17:35	WG1053751
Pyrene	1.59		0.00738	1	12/18/2017 17:35	WG1053751
1-Methylnaphthalene	0.0443		0.0246	1	12/18/2017 17:35	WG1053751
2-Methylnaphthalene	0.0572		0.0246	1	12/18/2017 17:35	WG1053751
2-Chloronaphthalene	ND		0.0246	1	12/18/2017 17:35	WG1053751
(S) p-Terphenyl-d14	*58.6*		*23.0-120*		*12/20/2017 13:58*	WG1053751
(S) p-Terphenyl-d14	*83.5*		*23.0-120*		*12/18/2017 17:35*	WG1053751
(S) Nitrobenzene-d5	*63.8*		*14.0-149*		*12/20/2017 13:58*	WG1053751
(S) Nitrobenzene-d5	*65.5*		*14.0-149*		*12/18/2017 17:35*	WG1053751
(S) 2-Fluorobiphenyl	*62.4*		*34.0-125*		*12/20/2017 13:58*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*79.3*		*34.0-125*		*12/18/2017 17:35*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.8		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.426		0.0228	1	12/13/2017 04:04	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7960		11.4	1	12/13/2017 20:13	WG1052705
Antimony	ND		2.28	1	12/13/2017 20:13	WG1052705
Arsenic	31.7		2.28	1	12/13/2017 20:13	WG1052705
Barium	279		0.569	1	12/13/2017 20:13	WG1052705
Beryllium	1.16		0.228	1	12/13/2017 20:13	WG1052705
Cadmium	1.61		0.569	1	12/13/2017 20:13	WG1052705
Chromium	23.4		1.14	1	12/13/2017 20:13	WG1052705
Cobalt	13.2		1.14	1	12/13/2017 20:13	WG1052705
Copper	152		2.28	1	12/13/2017 20:13	WG1052705
Lead	410		0.569	1	12/13/2017 20:13	WG1052705
Nickel	45.6		2.28	1	12/13/2017 20:13	WG1052705
Selenium	ND		2.28	1	12/13/2017 20:13	WG1052705
Silver	ND		1.14	1	12/13/2017 20:13	WG1052705
Thallium	ND		2.28	1	12/13/2017 20:13	WG1052705
Vanadium	24.4		2.28	1	12/13/2017 20:13	WG1052705
Zinc	547		5.69	1	12/13/2017 20:13	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	1.33		0.00683	1	12/18/2017 18:48	WG1053751
Acenaphthene	0.256		0.00683	1	12/18/2017 18:48	WG1053751
Acenaphthylene	ND		0.00683	1	12/18/2017 18:48	WG1053751
Benzo(a)anthracene	2.47		0.00683	1	12/18/2017 18:48	WG1053751
Benzo(a)pyrene	1.78		0.00683	1	12/18/2017 18:48	WG1053751
Benzo(b)fluoranthene	2.34		0.00683	1	12/18/2017 18:48	WG1053751
Benzo(g,h,i)perylene	1.11		0.0683	10	12/20/2017 14:19	WG1053751
Benzo(k)fluoranthene	0.853		0.00683	1	12/18/2017 18:48	WG1053751
Chrysene	2.25		0.00683	1	12/18/2017 18:48	WG1053751
Dibenz(a,h)anthracene	0.342		0.00683	1	12/18/2017 18:48	WG1053751
Fluoranthene	5.61		0.0683	10	12/20/2017 14:19	WG1053751
Fluorene	0.390		0.00683	1	12/18/2017 18:48	WG1053751
Indeno(1,2,3-cd)pyrene	1.01		0.00683	1	12/18/2017 18:48	WG1053751
Naphthalene	0.124		0.0228	1	12/18/2017 18:48	WG1053751
Phenanthrene	4.07		0.0683	10	12/20/2017 14:19	WG1053751
Pyrene	3.67		0.0683	10	12/20/2017 14:19	WG1053751
1-Methylnaphthalene	0.118		0.0228	1	12/18/2017 18:48	WG1053751
2-Methylnaphthalene	0.130		0.0228	1	12/18/2017 18:48	WG1053751
2-Chloronaphthalene	ND		0.0228	1	12/18/2017 18:48	WG1053751
(S) p-Terphenyl-d14	*83.1*		*23.0-120*		*12/18/2017 18:48*	WG1053751
(S) p-Terphenyl-d14	*63.9*		*23.0-120*		*12/20/2017 14:19*	WG1053751
(S) Nitrobenzene-d5	*58.8*		*14.0-149*		*12/20/2017 14:19*	WG1053751
(S) Nitrobenzene-d5	*61.7*		*14.0-149*		*12/18/2017 18:48*	WG1053751
(S) 2-Fluorobiphenyl	*65.3*		*34.0-125*		*12/20/2017 14:19*	WG1053751

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
(S) 2-Fluorobiphenyl	*81.4*		*34.0-125*		*12/18/2017 18:48*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.8		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0209	1	12/13/2017 04:06	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	2600		10.4	1	12/13/2017 20:16	WG1052705
Antimony	ND		2.09	1	12/13/2017 20:16	WG1052705
Arsenic	6.19		2.09	1	12/13/2017 20:16	WG1052705
Barium	19.3		0.522	1	12/13/2017 20:16	WG1052705
Beryllium	ND		0.209	1	12/13/2017 20:16	WG1052705
Cadmium	ND		0.522	1	12/13/2017 20:16	WG1052705
Chromium	3.76		1.04	1	12/13/2017 20:16	WG1052705
Cobalt	3.33		1.04	1	12/13/2017 20:16	WG1052705
Copper	9.07		2.09	1	12/13/2017 20:16	WG1052705
Lead	7.12		0.522	1	12/13/2017 20:16	WG1052705
Nickel	10.3		2.09	1	12/13/2017 20:16	WG1052705
Selenium	ND		2.09	1	12/13/2017 20:16	WG1052705
Silver	ND		1.04	1	12/13/2017 20:16	WG1052705
Thallium	ND		2.09	1	12/13/2017 20:16	WG1052705
Vanadium	7.22		2.09	1	12/13/2017 20:16	WG1052705
Zinc	23.1		5.22	1	12/13/2017 20:16	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Acenaphthene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Acenaphthylene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Benzo(a)anthracene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Benzo(a)pyrene	0.00794		0.00626	1	12/18/2017 13:31	WG1053751
Benzo(b)fluoranthene	0.0154		0.00626	1	12/18/2017 13:31	WG1053751
Benzo(g,h,i)perylene	0.0134		0.00626	1	12/18/2017 13:31	WG1053751
Benzo(k)fluoranthene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Chrysene	0.00926		0.00626	1	12/18/2017 13:31	WG1053751
Dibenz(a,h)anthracene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Fluoranthene	0.0111		0.00626	1	12/18/2017 13:31	WG1053751
Fluorene	ND		0.00626	1	12/18/2017 13:31	WG1053751
Indeno(1,2,3-cd)pyrene	0.00889		0.00626	1	12/18/2017 13:31	WG1053751
Naphthalene	ND		0.0209	1	12/18/2017 13:31	WG1053751
Phenanthrene	0.00811		0.00626	1	12/18/2017 13:31	WG1053751
Pyrene	0.0122		0.00626	1	12/18/2017 13:31	WG1053751
1-Methylnaphthalene	ND		0.0209	1	12/18/2017 13:31	WG1053751
2-Methylnaphthalene	ND		0.0209	1	12/18/2017 13:31	WG1053751
2-Chloronaphthalene	ND		0.0209	1	12/18/2017 13:31	WG1053751
(S) p-Terphenyl-d14	*94.7*		*23.0-120*		*12/18/2017 13:31*	WG1053751
(S) Nitrobenzene-d5	*68.6*		*14.0-149*		*12/18/2017 13:31*	WG1053751
(S) 2-Fluorobiphenyl	*83.5*		*34.0-125*		*12/18/2017 13:31*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.3		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0475		0.0249	1	12/13/2017 04:09	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7160		12.4	1	12/13/2017 20:26	WG1052705
Antimony	ND		2.49	1	12/13/2017 20:26	WG1052705
Arsenic	44.8		2.49	1	12/13/2017 20:26	WG1052705
Barium	45.4		0.622	1	12/13/2017 20:26	WG1052705
Beryllium	0.580		0.249	1	12/13/2017 20:26	WG1052705
Cadmium	ND		0.622	1	12/13/2017 20:26	WG1052705
Chromium	9.73		1.24	1	12/13/2017 20:26	WG1052705
Cobalt	6.63		1.24	1	12/13/2017 20:26	WG1052705
Copper	36.3		2.49	1	12/13/2017 20:26	WG1052705
Lead	38.5		0.622	1	12/13/2017 20:26	WG1052705
Nickel	29.0		2.49	1	12/13/2017 20:26	WG1052705
Selenium	ND		2.49	1	12/13/2017 20:26	WG1052705
Silver	ND		1.24	1	12/13/2017 20:26	WG1052705
Thallium	ND		2.49	1	12/13/2017 20:26	WG1052705
Vanadium	32.2		2.49	1	12/13/2017 20:26	WG1052705
Zinc	97.2		6.22	1	12/13/2017 20:26	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Acenaphthene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Acenaphthylene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Benzo(a)anthracene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Benzo(a)pyrene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Benzo(b)fluoranthene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Benzo(g,h,i)perylene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Benzo(k)fluoranthene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Chrysene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Dibenz(a,h)anthracene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Fluoranthene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Fluorene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Indeno(1,2,3-cd)pyrene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Naphthalene	ND		0.0249	1	12/18/2017 13:55	WG1053751
Phenanthrene	ND		0.00747	1	12/18/2017 13:55	WG1053751
Pyrene	0.00825		0.00747	1	12/18/2017 13:55	WG1053751
1-Methylnaphthalene	ND		0.0249	1	12/18/2017 13:55	WG1053751
2-Methylnaphthalene	ND		0.0249	1	12/18/2017 13:55	WG1053751
2-Chloronaphthalene	ND		0.0249	1	12/18/2017 13:55	WG1053751
(S) p-Terphenyl-d14	*86.8*		*23.0-120*		*12/18/2017 13:55*	WG1053751
(S) Nitrobenzene-d5	*71.3*		*14.0-149*		*12/18/2017 13:55*	WG1053751
(S) 2-Fluorobiphenyl	*88.5*		*34.0-125*		*12/18/2017 13:55*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.1		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.405		0.0238	1	12/13/2017 04:11	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11100		11.9	1	12/13/2017 20:29	WG1052705
Antimony	2.61		2.38	1	12/13/2017 20:29	WG1052705
Arsenic	27.1		2.38	1	12/13/2017 20:29	WG1052705
Barium	176		0.595	1	12/13/2017 20:29	WG1052705
Beryllium	1.65		0.238	1	12/13/2017 20:29	WG1052705
Cadmium	ND		0.595	1	12/13/2017 20:29	WG1052705
Chromium	26.9		1.19	1	12/13/2017 20:29	WG1052705
Cobalt	12.3		1.19	1	12/13/2017 20:29	WG1052705
Copper	579		2.38	1	12/13/2017 20:29	WG1052705
Lead	505		0.595	1	12/13/2017 20:29	WG1052705
Nickel	32.5		2.38	1	12/13/2017 20:29	WG1052705
Selenium	ND		2.38	1	12/13/2017 20:29	WG1052705
Silver	ND		1.19	1	12/13/2017 20:29	WG1052705
Thallium	ND		2.38	1	12/13/2017 20:29	WG1052705
Vanadium	26.9		2.38	1	12/13/2017 20:29	WG1052705
Zinc	218		5.95	1	12/13/2017 20:29	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	1.39		0.0357	5	12/18/2017 19:13	WG1053751
Acenaphthene	0.303		0.0357	5	12/18/2017 19:13	WG1053751
Acenaphthylene	ND		0.0357	5	12/18/2017 19:13	WG1053751
Benzo(a)anthracene	3.68		0.0357	5	12/18/2017 19:13	WG1053751
Benzo(a)pyrene	3.28		0.0357	5	12/18/2017 19:13	WG1053751
Benzo(b)fluoranthene	4.48		0.0357	5	12/18/2017 19:13	WG1053751
Benzo(g,h,i)perylene	2.11		0.0357	5	12/18/2017 19:13	WG1053751
Benzo(k)fluoranthene	1.23		0.0357	5	12/18/2017 19:13	WG1053751
Chrysene	3.32		0.0357	5	12/18/2017 19:13	WG1053751
Dibenz(a,h)anthracene	0.669		0.0357	5	12/18/2017 19:13	WG1053751
Fluoranthene	7.95		0.0357	5	12/18/2017 19:13	WG1053751
Fluorene	0.409		0.0357	5	12/18/2017 19:13	WG1053751
Indeno(1,2,3-cd)pyrene	1.88		0.0357	5	12/18/2017 19:13	WG1053751
Naphthalene	ND		0.119	5	12/18/2017 19:13	WG1053751
Phenanthrene	4.98		0.0357	5	12/18/2017 19:13	WG1053751
Pyrene	7.33		0.0357	5	12/18/2017 19:13	WG1053751
1-Methylnaphthalene	ND		0.119	5	12/18/2017 19:13	WG1053751
2-Methylnaphthalene	ND		0.119	5	12/18/2017 19:13	WG1053751
2-Chloronaphthalene	ND		0.119	5	12/18/2017 19:13	WG1053751
(S) p-Terphenyl-d14	*83.5*		*23.0-120*		*12/18/2017 19:13*	WG1053751
(S) Nitrobenzene-d5	*56.0*		*14.0-149*		*12/18/2017 19:13*	WG1053751
(S) 2-Fluorobiphenyl	*79.0*		*34.0-125*		*12/18/2017 19:13*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.6		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0442		0.0248	1	12/13/2017 04:14	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	15100		12.4	1	12/13/2017 20:32	WG1052705
Antimony	ND		2.48	1	12/13/2017 20:32	WG1052705
Arsenic	19.5		2.48	1	12/13/2017 20:32	WG1052705
Barium	160		0.621	1	12/13/2017 20:32	WG1052705
Beryllium	0.812		0.248	1	12/13/2017 20:32	WG1052705
Cadmium	ND		0.621	1	12/13/2017 20:32	WG1052705
Chromium	17.4		1.24	1	12/13/2017 20:32	WG1052705
Cobalt	13.6		1.24	1	12/13/2017 20:32	WG1052705
Copper	19.2		2.48	1	12/13/2017 20:32	WG1052705
Lead	18.8		0.621	1	12/13/2017 20:32	WG1052705
Nickel	29.4		2.48	1	12/13/2017 20:32	WG1052705
Selenium	ND		2.48	1	12/13/2017 20:32	WG1052705
Silver	ND		1.24	1	12/13/2017 20:32	WG1052705
Thallium	ND		2.48	1	12/13/2017 20:32	WG1052705
Vanadium	42.1		2.48	1	12/13/2017 20:32	WG1052705
Zinc	72.9		6.21	1	12/13/2017 20:32	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00745	1	12/18/2017 14:20	WG1053751
Acenaphthene	ND		0.00745	1	12/18/2017 14:20	WG1053751
Acenaphthylene	ND		0.00745	1	12/18/2017 14:20	WG1053751
Benzo(a)anthracene	0.0256		0.00745	1	12/18/2017 14:20	WG1053751
Benzo(a)pyrene	0.0279		0.00745	1	12/18/2017 14:20	WG1053751
Benzo(b)fluoranthene	0.0364		0.00745	1	12/18/2017 14:20	WG1053751
Benzo(g,h,i)perylene	0.0196		0.00745	1	12/18/2017 14:20	WG1053751
Benzo(k)fluoranthene	0.0137		0.00745	1	12/18/2017 14:20	WG1053751
Chrysene	0.0296		0.00745	1	12/18/2017 14:20	WG1053751
Dibenz(a,h)anthracene	ND		0.00745	1	12/18/2017 14:20	WG1053751
Fluoranthene	0.0548		0.00745	1	12/18/2017 14:20	WG1053751
Fluorene	ND		0.00745	1	12/18/2017 14:20	WG1053751
Indeno(1,2,3-cd)pyrene	0.0168		0.00745	1	12/18/2017 14:20	WG1053751
Naphthalene	ND		0.0248	1	12/18/2017 14:20	WG1053751
Phenanthrene	0.0251		0.00745	1	12/18/2017 14:20	WG1053751
Pyrene	0.0497		0.00745	1	12/18/2017 14:20	WG1053751
1-Methylnaphthalene	ND		0.0248	1	12/18/2017 14:20	WG1053751
2-Methylnaphthalene	ND		0.0248	1	12/18/2017 14:20	WG1053751
2-Chloronaphthalene	ND		0.0248	1	12/18/2017 14:20	WG1053751
(S) p-Terphenyl-d14	*86.6*		*23.0-120*		*12/18/2017 14:20*	WG1053751
(S) Nitrobenzene-d5	*63.3*		*14.0-149*		*12/18/2017 14:20*	WG1053751
(S) 2-Fluorobiphenyl	*68.0*		*34.0-125*		*12/18/2017 14:20*	WG1053751

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.4		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0595		0.0240	1	12/13/2017 04:16	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	15700		12.0	1	12/13/2017 20:35	WG1052705
Antimony	ND		2.40	1	12/13/2017 20:35	WG1052705
Arsenic	42.1		2.40	1	12/13/2017 20:35	WG1052705
Barium	120		0.599	1	12/13/2017 20:35	WG1052705
Beryllium	0.859		0.240	1	12/13/2017 20:35	WG1052705
Cadmium	ND		0.599	1	12/13/2017 20:35	WG1052705
Chromium	19.0		1.20	1	12/13/2017 20:35	WG1052705
Cobalt	12.7		1.20	1	12/13/2017 20:35	WG1052705
Copper	31.7		2.40	1	12/13/2017 20:35	WG1052705
Lead	23.0		0.599	1	12/13/2017 20:35	WG1052705
Nickel	36.8		2.40	1	12/13/2017 20:35	WG1052705
Selenium	ND		2.40	1	12/13/2017 20:35	WG1052705
Silver	ND		1.20	1	12/13/2017 20:35	WG1052705
Thallium	ND		2.40	1	12/13/2017 20:35	WG1052705
Vanadium	52.3		2.40	1	12/13/2017 20:35	WG1052705
Zinc	126		5.99	1	12/13/2017 20:35	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.143		0.0719	10	12/19/2017 06:34	WG1053752
Acenaphthene	ND		0.0719	10	12/19/2017 06:34	WG1053752
Acenaphthylene	ND		0.0719	10	12/19/2017 06:34	WG1053752
Benzo(a)anthracene	0.230		0.0719	10	12/19/2017 06:34	WG1053752
Benzo(a)pyrene	0.198		0.0719	10	12/19/2017 06:34	WG1053752
Benzo(b)fluoranthene	0.273		0.0719	10	12/19/2017 06:34	WG1053752
Benzo(g,h,i)perylene	0.131		0.0719	10	12/19/2017 06:34	WG1053752
Benzo(k)fluoranthene	0.0845		0.0719	10	12/19/2017 06:34	WG1053752
Chrysene	0.232		0.0719	10	12/19/2017 06:34	WG1053752
Dibenz(a,h)anthracene	ND		0.0719	10	12/19/2017 06:34	WG1053752
Fluoranthene	0.694		0.0719	10	12/19/2017 06:34	WG1053752
Fluorene	ND		0.0719	10	12/19/2017 06:34	WG1053752
Indeno(1,2,3-cd)pyrene	0.121		0.0719	10	12/19/2017 06:34	WG1053752
Naphthalene	ND		0.240	10	12/19/2017 06:34	WG1053752
Phenanthrene	0.434		0.0719	10	12/19/2017 06:34	WG1053752
Pyrene	0.433		0.0719	10	12/19/2017 06:34	WG1053752
1-Methylnaphthalene	ND		0.240	10	12/19/2017 06:34	WG1053752
2-Methylnaphthalene	ND		0.240	10	12/19/2017 06:34	WG1053752
2-Chloronaphthalene	ND		0.240	10	12/19/2017 06:34	WG1053752
(S) p-Terphenyl-d14	*61.7*		*23.0-120*		*12/19/2017 06:34*	WG1053752
(S) Nitrobenzene-d5	*54.9*		*14.0-149*		*12/19/2017 06:34*	WG1053752
(S) 2-Fluorobiphenyl	*66.4*		*34.0-125*		*12/19/2017 06:34*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.2		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.704		0.0256	1	12/13/2017 04:27	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	14900		12.8	1	12/13/2017 20:39	WG1052705
Antimony	ND		2.56	1	12/13/2017 20:39	WG1052705
Arsenic	26.8		2.56	1	12/13/2017 20:39	WG1052705
Barium	396		0.640	1	12/13/2017 20:39	WG1052705
Beryllium	3.97		0.256	1	12/13/2017 20:39	WG1052705
Cadmium	1.21		0.640	1	12/13/2017 20:39	WG1052705
Chromium	27.7		1.28	1	12/13/2017 20:39	WG1052705
Cobalt	12.2		1.28	1	12/13/2017 20:39	WG1052705
Copper	2130		2.56	1	12/13/2017 20:39	WG1052705
Lead	457		0.640	1	12/13/2017 20:39	WG1052705
Nickel	27.6		2.56	1	12/13/2017 20:39	WG1052705
Selenium	ND		2.56	1	12/13/2017 20:39	WG1052705
Silver	ND		1.28	1	12/13/2017 20:39	WG1052705
Thallium	ND		2.56	1	12/13/2017 20:39	WG1052705
Vanadium	43.8		2.56	1	12/13/2017 20:39	WG1052705
Zinc	440		6.40	1	12/13/2017 20:39	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.758		0.0768	10	12/19/2017 07:40	WG1053752
Acenaphthene	0.158		0.0768	10	12/19/2017 07:40	WG1053752
Acenaphthylene	ND		0.0768	10	12/19/2017 07:40	WG1053752
Benzo(a)anthracene	1.10		0.0768	10	12/19/2017 07:40	WG1053752
Benzo(a)pyrene	0.862		0.0768	10	12/19/2017 07:40	WG1053752
Benzo(b)fluoranthene	1.10		0.0768	10	12/19/2017 07:40	WG1053752
Benzo(g,h,i)perylene	0.550		0.0768	10	12/19/2017 07:40	WG1053752
Benzo(k)fluoranthene	0.455		0.0768	10	12/19/2017 07:40	WG1053752
Chrysene	1.09		0.0768	10	12/19/2017 07:40	WG1053752
Dibenz(a,h)anthracene	0.169		0.0768	10	12/19/2017 07:40	WG1053752
Fluoranthene	3.07		0.0768	10	12/19/2017 07:40	WG1053752
Fluorene	0.225		0.0768	10	12/19/2017 07:40	WG1053752
Indeno(1,2,3-cd)pyrene	0.485		0.0768	10	12/19/2017 07:40	WG1053752
Naphthalene	ND		0.256	10	12/19/2017 07:40	WG1053752
Phenanthrene	2.21		0.0768	10	12/19/2017 07:40	WG1053752
Pyrene	1.92		0.0768	10	12/19/2017 07:40	WG1053752
1-Methylnaphthalene	ND		0.256	10	12/19/2017 07:40	WG1053752
2-Methylnaphthalene	ND		0.256	10	12/19/2017 07:40	WG1053752
2-Chloronaphthalene	ND		0.256	10	12/19/2017 07:40	WG1053752
(S) p-Terphenyl-d14	*61.1*		*23.0-120*		*12/19/2017 07:40*	WG1053752
(S) Nitrobenzene-d5	*42.9*		*14.0-149*		*12/19/2017 07:40*	WG1053752
(S) 2-Fluorobiphenyl	*64.0*		*34.0-125*		*12/19/2017 07:40*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.0		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0703		0.0260	1	12/13/2017 04:29	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	22200		13.0	1	12/13/2017 20:42	WG1052705
Antimony	ND		2.60	1	12/13/2017 20:42	WG1052705
Arsenic	48.5		2.60	1	12/13/2017 20:42	WG1052705
Barium	622		0.650	1	12/13/2017 20:42	WG1052705
Beryllium	1.06		0.260	1	12/13/2017 20:42	WG1052705
Cadmium	0.848		0.650	1	12/13/2017 20:42	WG1052705
Chromium	26.0		1.30	1	12/13/2017 20:42	WG1052705
Cobalt	17.5		1.30	1	12/13/2017 20:42	WG1052705
Copper	25.2		2.60	1	12/13/2017 20:42	WG1052705
Lead	21.0		0.650	1	12/13/2017 20:42	WG1052705
Nickel	57.6		2.60	1	12/13/2017 20:42	WG1052705
Selenium	ND		2.60	1	12/13/2017 20:42	WG1052705
Silver	ND		1.30	1	12/13/2017 20:42	WG1052705
Thallium	ND		2.60	1	12/13/2017 20:42	WG1052705
Vanadium	61.5		2.60	1	12/13/2017 20:42	WG1052705
Zinc	104		6.50	1	12/13/2017 20:42	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Acenaphthene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Acenaphthylene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Benzo(a)anthracene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Benzo(a)pyrene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Benzo(b)fluoranthene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Benzo(g,h,i)perylene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Benzo(k)fluoranthene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Chrysene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Dibenz(a,h)anthracene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Fluoranthene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Fluorene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Naphthalene	ND		0.0260	1	12/19/2017 00:15	WG1053752
Phenanthrene	ND		0.00780	1	12/19/2017 00:15	WG1053752
Pyrene	ND		0.00780	1	12/19/2017 00:15	WG1053752
1-Methylnaphthalene	ND		0.0260	1	12/19/2017 00:15	WG1053752
2-Methylnaphthalene	ND		0.0260	1	12/19/2017 00:15	WG1053752
2-Chloronaphthalene	ND		0.0260	1	12/19/2017 00:15	WG1053752
(S) p-Terphenyl-d14	*71.5*		*23.0-120*		*12/19/2017 00:15*	WG1053752
(S) Nitrobenzene-d5	*55.2*		*14.0-149*		*12/19/2017 00:15*	WG1053752
(S) 2-Fluorobiphenyl	*70.7*		*34.0-125*		*12/19/2017 00:15*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.2		1	12/15/2017 10:13	WG1053553

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0224	1	12/13/2017 04:32	WG1051888

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	5680		11.2	1	12/13/2017 20:45	WG1052705
Antimony	ND		2.24	1	12/13/2017 20:45	WG1052705
Arsenic	34.1		2.24	1	12/13/2017 20:45	WG1052705
Barium	64.3		0.561	1	12/13/2017 20:45	WG1052705
Beryllium	0.369		0.224	1	12/13/2017 20:45	WG1052705
Cadmium	ND		0.561	1	12/13/2017 20:45	WG1052705
Chromium	7.23		1.12	1	12/13/2017 20:45	WG1052705
Cobalt	7.12		1.12	1	12/13/2017 20:45	WG1052705
Copper	23.4		2.24	1	12/13/2017 20:45	WG1052705
Lead	12.3		0.561	1	12/13/2017 20:45	WG1052705
Nickel	27.0		2.24	1	12/13/2017 20:45	WG1052705
Selenium	ND		2.24	1	12/13/2017 20:45	WG1052705
Silver	ND		1.12	1	12/13/2017 20:45	WG1052705
Thallium	ND		2.24	1	12/13/2017 20:45	WG1052705
Vanadium	26.8		2.24	1	12/13/2017 20:45	WG1052705
Zinc	79.0		5.61	1	12/13/2017 20:45	WG1052705

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Acenaphthene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Acenaphthylene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Benzo(a)anthracene	0.00906		0.00673	1	12/19/2017 00:37	WG1053752
Benzo(a)pyrene	0.00774		0.00673	1	12/19/2017 00:37	WG1053752
Benzo(b)fluoranthene	0.00994		0.00673	1	12/19/2017 00:37	WG1053752
Benzo(g,h,i)perylene	0.00812	B	0.00673	1	12/19/2017 00:37	WG1053752
Benzo(k)fluoranthene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Chrysene	0.0102		0.00673	1	12/19/2017 00:37	WG1053752
Dibenz(a,h)anthracene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Fluoranthene	0.0240		0.00673	1	12/19/2017 00:37	WG1053752
Fluorene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00673	1	12/19/2017 00:37	WG1053752
Naphthalene	ND		0.0224	1	12/19/2017 00:37	WG1053752
Phenanthrene	0.0222		0.00673	1	12/19/2017 00:37	WG1053752
Pyrene	0.0182		0.00673	1	12/19/2017 00:37	WG1053752
1-Methylnaphthalene	ND		0.0224	1	12/19/2017 00:37	WG1053752
2-Methylnaphthalene	ND		0.0224	1	12/19/2017 00:37	WG1053752
2-Chloronaphthalene	ND		0.0224	1	12/19/2017 00:37	WG1053752
(S) p-Terphenyl-d14	*71.9*		*23.0-120*		*12/19/2017 00:37*	WG1053752
(S) Nitrobenzene-d5	*52.0*		*14.0-149*		*12/19/2017 00:37*	WG1053752
(S) 2-Fluorobiphenyl	*66.5*		*34.0-125*		*12/19/2017 00:37*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.1		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.550	J3 J5	0.0256	1	12/13/2017 09:02	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7970	V	12.8	1	12/14/2017 15:16	WG1051792
Antimony	ND		2.56	1	12/14/2017 15:16	WG1051792
Arsenic	26.7		2.56	1	12/14/2017 15:16	WG1051792
Barium	228	J3 J5	0.640	1	12/14/2017 15:16	WG1051792
Beryllium	1.32		0.256	1	12/14/2017 15:16	WG1051792
Cadmium	1.19		0.640	1	12/14/2017 15:16	WG1051792
Chromium	20.6		1.28	1	12/14/2017 15:16	WG1051792
Cobalt	12.6		1.28	1	12/14/2017 15:16	WG1051792
Copper	56.4		2.56	1	12/14/2017 15:16	WG1051792
Lead	223	J5	0.640	1	12/14/2017 15:16	WG1051792
Nickel	38.8		2.56	1	12/14/2017 15:16	WG1051792
Selenium	ND		2.56	1	12/14/2017 15:16	WG1051792
Silver	ND		1.28	1	12/14/2017 15:16	WG1051792
Thallium	ND		2.56	1	12/14/2017 15:16	WG1051792
Vanadium	24.9		2.56	1	12/14/2017 15:16	WG1051792
Zinc	467	J5	6.40	1	12/14/2017 15:16	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0308		0.00769	1	12/19/2017 01:00	WG1053752
Acenaphthene	ND		0.00769	1	12/19/2017 01:00	WG1053752
Acenaphthylene	ND		0.00769	1	12/19/2017 01:00	WG1053752
Benzo(a)anthracene	0.118		0.00769	1	12/19/2017 01:00	WG1053752
Benzo(a)pyrene	0.107		0.00769	1	12/19/2017 01:00	WG1053752
Benzo(b)fluoranthene	0.149		0.00769	1	12/19/2017 01:00	WG1053752
Benzo(g,h,i)perylene	0.0712		0.00769	1	12/19/2017 01:00	WG1053752
Benzo(k)fluoranthene	0.0510		0.00769	1	12/19/2017 01:00	WG1053752
Chrysene	0.129		0.00769	1	12/19/2017 01:00	WG1053752
Dibenz(a,h)anthracene	0.0221		0.00769	1	12/19/2017 01:00	WG1053752
Fluoranthene	0.291		0.00769	1	12/19/2017 01:00	WG1053752
Fluorene	0.0108		0.00769	1	12/19/2017 01:00	WG1053752
Indeno(1,2,3-cd)pyrene	0.0674		0.00769	1	12/19/2017 01:00	WG1053752
Naphthalene	0.0335		0.0256	1	12/19/2017 01:00	WG1053752
Phenanthrene	0.179		0.00769	1	12/19/2017 01:00	WG1053752
Pyrene	0.204		0.00769	1	12/19/2017 01:00	WG1053752
1-Methylnaphthalene	0.0475		0.0256	1	12/19/2017 01:00	WG1053752
2-Methylnaphthalene	0.0477		0.0256	1	12/19/2017 01:00	WG1053752
2-Chloronaphthalene	ND		0.0256	1	12/19/2017 01:00	WG1053752
(S) p-Terphenyl-d14	*67.4*		*23.0-120*		*12/19/2017 01:00*	WG1053752
(S) Nitrobenzene-d5	*46.7*		*14.0-149*		*12/19/2017 01:00*	WG1053752
(S) 2-Fluorobiphenyl	*57.6*		*34.0-125*		*12/19/2017 01:00*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.6		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	4.04		0.142	5	12/13/2017 13:09	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7490		14.2	1	12/14/2017 15:31	WG1051792
Antimony	ND		2.83	1	12/14/2017 15:31	WG1051792
Arsenic	17.8		2.83	1	12/14/2017 15:31	WG1051792
Barium	929		0.709	1	12/14/2017 15:31	WG1051792
Beryllium	0.910		0.283	1	12/14/2017 15:31	WG1051792
Cadmium	3.09		0.709	1	12/14/2017 15:31	WG1051792
Chromium	51.8		1.42	1	12/14/2017 15:31	WG1051792
Cobalt	10.2		1.42	1	12/14/2017 15:31	WG1051792
Copper	380		2.83	1	12/14/2017 15:31	WG1051792
Lead	702		0.709	1	12/14/2017 15:31	WG1051792
Nickel	45.1		2.83	1	12/14/2017 15:31	WG1051792
Selenium	ND		2.83	1	12/14/2017 15:31	WG1051792
Silver	2.20		1.42	1	12/14/2017 15:31	WG1051792
Thallium	ND		2.83	1	12/14/2017 15:31	WG1051792
Vanadium	22.2		2.83	1	12/14/2017 15:31	WG1051792
Zinc	1080		7.09	1	12/14/2017 15:31	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0386		0.00850	1	12/19/2017 01:22	WG1053752
Acenaphthene	ND		0.00850	1	12/19/2017 01:22	WG1053752
Acenaphthylene	ND		0.00850	1	12/19/2017 01:22	WG1053752
Benzo(a)anthracene	0.0837		0.00850	1	12/19/2017 01:22	WG1053752
Benzo(a)pyrene	0.0705		0.00850	1	12/19/2017 01:22	WG1053752
Benzo(b)fluoranthene	0.0969		0.00850	1	12/19/2017 01:22	WG1053752
Benzo(g,h,i)perylene	0.0365		0.00850	1	12/19/2017 01:22	WG1053752
Benzo(k)fluoranthene	0.0350		0.00850	1	12/19/2017 01:22	WG1053752
Chrysene	0.0881		0.00850	1	12/19/2017 01:22	WG1053752
Dibenz(a,h)anthracene	0.0123		0.00850	1	12/19/2017 01:22	WG1053752
Fluoranthene	0.202		0.00850	1	12/19/2017 01:22	WG1053752
Fluorene	0.0116		0.00850	1	12/19/2017 01:22	WG1053752
Indeno(1,2,3-cd)pyrene	0.0368		0.00850	1	12/19/2017 01:22	WG1053752
Naphthalene	ND		0.0283	1	12/19/2017 01:22	WG1053752
Phenanthrene	0.129		0.00850	1	12/19/2017 01:22	WG1053752
Pyrene	0.137		0.00850	1	12/19/2017 01:22	WG1053752
1-Methylnaphthalene	ND		0.0283	1	12/19/2017 01:22	WG1053752
2-Methylnaphthalene	ND		0.0283	1	12/19/2017 01:22	WG1053752
2-Chloronaphthalene	ND		0.0283	1	12/19/2017 01:22	WG1053752
(S) p-Terphenyl-d14	*63.2*		*23.0-120*		*12/19/2017 01:22*	WG1053752
(S) Nitrobenzene-d5	*50.1*		*14.0-149*		*12/19/2017 01:22*	WG1053752
(S) 2-Fluorobiphenyl	*54.3*		*34.0-125*		*12/19/2017 01:22*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.3		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0229	1	12/13/2017 09:12	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	3110		11.5	1	12/14/2017 15:35	WG1051792
Antimony	ND		2.29	1	12/14/2017 15:35	WG1051792
Arsenic	17.0		2.29	1	12/14/2017 15:35	WG1051792
Barium	33.8		0.573	1	12/14/2017 15:35	WG1051792
Beryllium	0.280		0.229	1	12/14/2017 15:35	WG1051792
Cadmium	ND		0.573	1	12/14/2017 15:35	WG1051792
Chromium	5.06		1.15	1	12/14/2017 15:35	WG1051792
Cobalt	6.04		1.15	1	12/14/2017 15:35	WG1051792
Copper	19.1		2.29	1	12/14/2017 15:35	WG1051792
Lead	10.2		0.573	1	12/14/2017 15:35	WG1051792
Nickel	26.4		2.29	1	12/14/2017 15:35	WG1051792
Selenium	ND		2.29	1	12/14/2017 15:35	WG1051792
Silver	ND		1.15	1	12/14/2017 15:35	WG1051792
Thallium	ND		2.29	1	12/14/2017 15:35	WG1051792
Vanadium	11.4		2.29	1	12/14/2017 15:35	WG1051792
Zinc	70.3		5.73	1	12/14/2017 15:35	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Acenaphthene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Acenaphthylene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Benzo(a)anthracene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Benzo(a)pyrene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Benzo(b)fluoranthene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Benzo(g,h,i)perylene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Benzo(k)fluoranthene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Chrysene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Dibenz(a,h)anthracene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Fluoranthene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Fluorene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Naphthalene	ND		0.0229	1	12/19/2017 01:44	WG1053752
Phenanthrene	ND		0.00687	1	12/19/2017 01:44	WG1053752
Pyrene	ND		0.00687	1	12/19/2017 01:44	WG1053752
1-Methylnaphthalene	ND		0.0229	1	12/19/2017 01:44	WG1053752
2-Methylnaphthalene	ND		0.0229	1	12/19/2017 01:44	WG1053752
2-Chloronaphthalene	ND		0.0229	1	12/19/2017 01:44	WG1053752
(S) p-Terphenyl-d14	*69.0*		*23.0-120*		*12/19/2017 01:44*	WG1053752
(S) Nitrobenzene-d5	*55.8*		*14.0-149*		*12/19/2017 01:44*	WG1053752
(S) 2-Fluorobiphenyl	*64.3*		*34.0-125*		*12/19/2017 01:44*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0423		0.0240	1	12/13/2017 09:15	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	8720		12.0	1	12/14/2017 15:45	WG1051792
Antimony	ND		2.40	1	12/14/2017 15:45	WG1051792
Arsenic	13.0		2.40	1	12/14/2017 15:45	WG1051792
Barium	119		0.600	1	12/14/2017 15:45	WG1051792
Beryllium	0.902		0.240	1	12/14/2017 15:45	WG1051792
Cadmium	ND		0.600	1	12/14/2017 15:45	WG1051792
Chromium	11.0		1.20	1	12/14/2017 15:45	WG1051792
Cobalt	9.79		1.20	1	12/14/2017 15:45	WG1051792
Copper	18.8		2.40	1	12/14/2017 15:45	WG1051792
Lead	74.3		0.600	1	12/14/2017 15:45	WG1051792
Nickel	18.6		2.40	1	12/14/2017 15:45	WG1051792
Selenium	ND		2.40	1	12/14/2017 15:45	WG1051792
Silver	ND		1.20	1	12/14/2017 15:45	WG1051792
Thallium	ND		2.40	1	12/14/2017 15:45	WG1051792
Vanadium	22.3		2.40	1	12/14/2017 15:45	WG1051792
Zinc	67.9		6.00	1	12/14/2017 15:45	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.108		0.00720	1	12/19/2017 02:07	WG1053752
Acenaphthene	0.0136		0.00720	1	12/19/2017 02:07	WG1053752
Acenaphthylene	ND		0.00720	1	12/19/2017 02:07	WG1053752
Benzo(a)anthracene	0.322		0.00720	1	12/19/2017 02:07	WG1053752
Benzo(a)pyrene	0.249		0.00720	1	12/19/2017 02:07	WG1053752
Benzo(b)fluoranthene	0.334		0.00720	1	12/19/2017 02:07	WG1053752
Benzo(g,h,i)perylene	0.149		0.00720	1	12/19/2017 02:07	WG1053752
Benzo(k)fluoranthene	0.128		0.00720	1	12/19/2017 02:07	WG1053752
Chrysene	0.303		0.00720	1	12/19/2017 02:07	WG1053752
Dibenz(a,h)anthracene	0.0433		0.00720	1	12/19/2017 02:07	WG1053752
Fluoranthene	0.699		0.00720	1	12/19/2017 02:07	WG1053752
Fluorene	ND		0.00720	1	12/19/2017 02:07	WG1053752
Indeno(1,2,3-cd)pyrene	0.141		0.00720	1	12/19/2017 02:07	WG1053752
Naphthalene	ND		0.0240	1	12/19/2017 02:07	WG1053752
Phenanthrene	0.411		0.00720	1	12/19/2017 02:07	WG1053752
Pyrene	0.513		0.00720	1	12/19/2017 02:07	WG1053752
1-Methylnaphthalene	ND		0.0240	1	12/19/2017 02:07	WG1053752
2-Methylnaphthalene	ND		0.0240	1	12/19/2017 02:07	WG1053752
2-Chloronaphthalene	ND		0.0240	1	12/19/2017 02:07	WG1053752
(S) p-Terphenyl-d14	*72.0*		*23.0-120*		*12/19/2017 02:07*	WG1053752
(S) Nitrobenzene-d5	*51.1*		*14.0-149*		*12/19/2017 02:07*	WG1053752
(S) 2-Fluorobiphenyl	*63.5*		*34.0-125*		*12/19/2017 02:07*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.2		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.852		0.0227	1	12/13/2017 09:22	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	5430		11.3	1	12/14/2017 15:48	WG1051792
Antimony	ND		2.27	1	12/14/2017 15:48	WG1051792
Arsenic	18.2		2.27	1	12/14/2017 15:48	WG1051792
Barium	237		0.567	1	12/14/2017 15:48	WG1051792
Beryllium	0.497		0.227	1	12/14/2017 15:48	WG1051792
Cadmium	1.11		0.567	1	12/14/2017 15:48	WG1051792
Chromium	10.1		1.13	1	12/14/2017 15:48	WG1051792
Cobalt	10.6		1.13	1	12/14/2017 15:48	WG1051792
Copper	24.2		2.27	1	12/14/2017 15:48	WG1051792
Lead	257		0.567	1	12/14/2017 15:48	WG1051792
Nickel	23.9		2.27	1	12/14/2017 15:48	WG1051792
Selenium	ND		2.27	1	12/14/2017 15:48	WG1051792
Silver	ND		1.13	1	12/14/2017 15:48	WG1051792
Thallium	ND		2.27	1	12/14/2017 15:48	WG1051792
Vanadium	16.8		2.27	1	12/14/2017 15:48	WG1051792
Zinc	428		5.67	1	12/14/2017 15:48	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.189	J3 J6	0.00681	1	12/19/2017 04:20	WG1053752
Acenaphthene	0.0526	J3	0.00681	1	12/19/2017 04:20	WG1053752
Acenaphthylene	ND		0.00681	1	12/19/2017 04:20	WG1053752
Benzo(a)anthracene	0.426	J3 V	0.00681	1	12/19/2017 04:20	WG1053752
Benzo(a)pyrene	0.354	J6	0.00681	1	12/19/2017 04:20	WG1053752
Benzo(b)fluoranthene	0.503	J3 V	0.00681	1	12/19/2017 04:20	WG1053752
Benzo(g,h,i)perylene	0.225		0.00681	1	12/19/2017 04:20	WG1053752
Benzo(k)fluoranthene	0.158		0.00681	1	12/19/2017 04:20	WG1053752
Chrysene	0.420	J3 V	0.00681	1	12/19/2017 04:20	WG1053752
Dibenz(a,h)anthracene	0.0598		0.00681	1	12/19/2017 04:20	WG1053752
Fluoranthene	0.983	V	0.00681	1	12/19/2017 04:20	WG1053752
Fluorene	0.0574	J3	0.00681	1	12/19/2017 04:20	WG1053752
Indeno(1,2,3-cd)pyrene	0.190		0.00681	1	12/19/2017 04:20	WG1053752
Naphthalene	0.0334		0.0227	1	12/19/2017 04:20	WG1053752
Phenanthrene	0.698	J3 V	0.00681	1	12/19/2017 04:20	WG1053752
Pyrene	0.762	J3 V	0.00681	1	12/19/2017 04:20	WG1053752
1-Methylnaphthalene	0.0357		0.0227	1	12/19/2017 04:20	WG1053752
2-Methylnaphthalene	0.0322		0.0227	1	12/19/2017 04:20	WG1053752
2-Chloronaphthalene	ND		0.0227	1	12/19/2017 04:20	WG1053752
(S) p-Terphenyl-d14	*85.2*		*23.0-120*		*12/19/2017 04:20*	WG1053752
(S) Nitrobenzene-d5	*52.4*		*14.0-149*		*12/19/2017 04:20*	WG1053752
(S) 2-Fluorobiphenyl	*79.1*		*34.0-125*		*12/19/2017 04:20*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.6		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0256		0.0251	1	12/13/2017 09:25	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7030		12.6	1	12/14/2017 15:51	WG1051792
Antimony	ND		2.51	1	12/14/2017 15:51	WG1051792
Arsenic	20.7		2.51	1	12/14/2017 15:51	WG1051792
Barium	74.8		0.628	1	12/14/2017 15:51	WG1051792
Beryllium	0.536		0.251	1	12/14/2017 15:51	WG1051792
Cadmium	ND		0.628	1	12/14/2017 15:51	WG1051792
Chromium	11.0		1.26	1	12/14/2017 15:51	WG1051792
Cobalt	9.85		1.26	1	12/14/2017 15:51	WG1051792
Copper	29.9		2.51	1	12/14/2017 15:51	WG1051792
Lead	15.4		0.628	1	12/14/2017 15:51	WG1051792
Nickel	35.2		2.51	1	12/14/2017 15:51	WG1051792
Selenium	ND		2.51	1	12/14/2017 15:51	WG1051792
Silver	ND		1.26	1	12/14/2017 15:51	WG1051792
Thallium	ND		2.51	1	12/14/2017 15:51	WG1051792
Vanadium	19.2		2.51	1	12/14/2017 15:51	WG1051792
Zinc	110		6.28	1	12/14/2017 15:51	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Acenaphthene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Acenaphthylene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Benzo(a)anthracene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Benzo(a)pyrene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Benzo(b)fluoranthene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Benzo(g,h,i)perylene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Benzo(k)fluoranthene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Chrysene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Dibenz(a,h)anthracene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Fluoranthene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Fluorene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Naphthalene	ND		0.0251	1	12/19/2017 02:29	WG1053752
Phenanthrene	ND		0.00754	1	12/19/2017 02:29	WG1053752
Pyrene	ND		0.00754	1	12/19/2017 02:29	WG1053752
1-Methylnaphthalene	ND		0.0251	1	12/19/2017 02:29	WG1053752
2-Methylnaphthalene	ND		0.0251	1	12/19/2017 02:29	WG1053752
2-Chloronaphthalene	ND		0.0251	1	12/19/2017 02:29	WG1053752
(S) p-Terphenyl-d14	*62.4*		*23.0-120*		*12/19/2017 02:29*	WG1053752
(S) Nitrobenzene-d5	*44.9*		*14.0-149*		*12/19/2017 02:29*	WG1053752
(S) 2-Fluorobiphenyl	*50.9*		*34.0-125*		*12/19/2017 02:29*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.2		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.324		0.0240	1	12/13/2017 09:27	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	9410		12.0	1	12/14/2017 15:55	WG1051792
Antimony	ND		2.40	1	12/14/2017 15:55	WG1051792
Arsenic	20.0		2.40	1	12/14/2017 15:55	WG1051792
Barium	1620		0.601	1	12/14/2017 15:55	WG1051792
Beryllium	1.38		0.240	1	12/14/2017 15:55	WG1051792
Cadmium	1.25		0.601	1	12/14/2017 15:55	WG1051792
Chromium	18.8		1.20	1	12/14/2017 15:55	WG1051792
Cobalt	11.1		1.20	1	12/14/2017 15:55	WG1051792
Copper	129		2.40	1	12/14/2017 15:55	WG1051792
Lead	336		0.601	1	12/14/2017 15:55	WG1051792
Nickel	30.0		2.40	1	12/14/2017 15:55	WG1051792
Selenium	ND		2.40	1	12/14/2017 15:55	WG1051792
Silver	ND		1.20	1	12/14/2017 15:55	WG1051792
Thallium	ND		2.40	1	12/14/2017 15:55	WG1051792
Vanadium	25.6		2.40	1	12/14/2017 15:55	WG1051792
Zinc	927		6.01	1	12/14/2017 15:55	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.341		0.00721	1	12/19/2017 05:27	WG1053752
Acenaphthene	0.127		0.00721	1	12/19/2017 05:27	WG1053752
Acenaphthylene	ND		0.00721	1	12/19/2017 05:27	WG1053752
Benzo(a)anthracene	0.881		0.00721	1	12/19/2017 05:27	WG1053752
Benzo(a)pyrene	0.696		0.00721	1	12/19/2017 05:27	WG1053752
Benzo(b)fluoranthene	0.859		0.00721	1	12/19/2017 05:27	WG1053752
Benzo(g,h,i)perylene	0.441		0.00721	1	12/19/2017 05:27	WG1053752
Benzo(k)fluoranthene	0.346		0.00721	1	12/19/2017 05:27	WG1053752
Chrysene	0.837		0.00721	1	12/19/2017 05:27	WG1053752
Dibenz(a,h)anthracene	0.125		0.00721	1	12/19/2017 05:27	WG1053752
Fluoranthene	1.83		0.00721	1	12/19/2017 05:27	WG1053752
Fluorene	0.0972		0.00721	1	12/19/2017 05:27	WG1053752
Indeno(1,2,3-cd)pyrene	0.397		0.00721	1	12/19/2017 05:27	WG1053752
Naphthalene	0.0375		0.0240	1	12/19/2017 05:27	WG1053752
Phenanthrene	1.21		0.00721	1	12/19/2017 05:27	WG1053752
Pyrene	1.61		0.00721	1	12/19/2017 05:27	WG1053752
1-Methylnaphthalene	0.0386		0.0240	1	12/19/2017 05:27	WG1053752
2-Methylnaphthalene	0.0337		0.0240	1	12/19/2017 05:27	WG1053752
2-Chloronaphthalene	ND		0.0240	1	12/19/2017 05:27	WG1053752
(S) p-Terphenyl-d14	*61.5*		*23.0-120*		*12/19/2017 05:27*	WG1053752
(S) Nitrobenzene-d5	*46.8*		*14.0-149*		*12/19/2017 05:27*	WG1053752
(S) 2-Fluorobiphenyl	*56.0*		*34.0-125*		*12/19/2017 05:27*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.2		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0450		0.0240	1	12/13/2017 09:30	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	9290		12.0	1	12/14/2017 15:58	WG1051792
Antimony	ND		2.40	1	12/14/2017 15:58	WG1051792
Arsenic	20.8		2.40	1	12/14/2017 15:58	WG1051792
Barium	75.1		0.601	1	12/14/2017 15:58	WG1051792
Beryllium	0.754		0.240	1	12/14/2017 15:58	WG1051792
Cadmium	ND		0.601	1	12/14/2017 15:58	WG1051792
Chromium	13.8		1.20	1	12/14/2017 15:58	WG1051792
Cobalt	7.82		1.20	1	12/14/2017 15:58	WG1051792
Copper	21.9		2.40	1	12/14/2017 15:58	WG1051792
Lead	11.8		0.601	1	12/14/2017 15:58	WG1051792
Nickel	22.7		2.40	1	12/14/2017 15:58	WG1051792
Selenium	ND		2.40	1	12/14/2017 15:58	WG1051792
Silver	ND		1.20	1	12/14/2017 15:58	WG1051792
Thallium	ND		2.40	1	12/14/2017 15:58	WG1051792
Vanadium	27.6		2.40	1	12/14/2017 15:58	WG1051792
Zinc	73.7		6.01	1	12/14/2017 15:58	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Acenaphthene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Acenaphthylene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Benzo(a)anthracene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Benzo(a)pyrene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Benzo(b)fluoranthene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Benzo(g,h,i)perylene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Benzo(k)fluoranthene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Chrysene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Dibenz(a,h)anthracene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Fluoranthene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Fluorene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Naphthalene	ND		0.0240	1	12/19/2017 02:51	WG1053752
Phenanthrene	ND		0.00721	1	12/19/2017 02:51	WG1053752
Pyrene	ND		0.00721	1	12/19/2017 02:51	WG1053752
1-Methylnaphthalene	ND		0.0240	1	12/19/2017 02:51	WG1053752
2-Methylnaphthalene	ND		0.0240	1	12/19/2017 02:51	WG1053752
2-Chloronaphthalene	ND		0.0240	1	12/19/2017 02:51	WG1053752
(S) p-Terphenyl-d14	*55.7*		*23.0-120*		*12/19/2017 02:51*	WG1053752
(S) Nitrobenzene-d5	*49.9*		*14.0-149*		*12/19/2017 02:51*	WG1053752
(S) 2-Fluorobiphenyl	*55.4*		*34.0-125*		*12/19/2017 02:51*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.6		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0231	1	12/13/2017 09:33	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7540		11.5	1	12/14/2017 16:01	WG1051792
Antimony	ND		2.31	1	12/14/2017 16:01	WG1051792
Arsenic	17.2		2.31	1	12/14/2017 16:01	WG1051792
Barium	78.7		0.577	1	12/14/2017 16:01	WG1051792
Beryllium	0.532		0.231	1	12/14/2017 16:01	WG1051792
Cadmium	ND		0.577	1	12/14/2017 16:01	WG1051792
Chromium	11.4		1.15	1	12/14/2017 16:01	WG1051792
Cobalt	14.6		1.15	1	12/14/2017 16:01	WG1051792
Copper	30.4		2.31	1	12/14/2017 16:01	WG1051792
Lead	15.0		0.577	1	12/14/2017 16:01	WG1051792
Nickel	48.9		2.31	1	12/14/2017 16:01	WG1051792
Selenium	ND		2.31	1	12/14/2017 16:01	WG1051792
Silver	ND		1.15	1	12/14/2017 16:01	WG1051792
Thallium	ND		2.31	1	12/14/2017 16:01	WG1051792
Vanadium	18.7		2.31	1	12/14/2017 16:01	WG1051792
Zinc	118		5.77	1	12/14/2017 16:01	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Acenaphthene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Acenaphthylene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Benzo(a)anthracene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Benzo(a)pyrene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Benzo(b)fluoranthene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Benzo(g,h,i)perylene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Benzo(k)fluoranthene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Chrysene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Dibenz(a,h)anthracene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Fluoranthene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Fluorene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Naphthalene	ND		0.0231	1	12/19/2017 03:14	WG1053752
Phenanthrene	ND		0.00693	1	12/19/2017 03:14	WG1053752
Pyrene	ND		0.00693	1	12/19/2017 03:14	WG1053752
1-Methylnaphthalene	ND		0.0231	1	12/19/2017 03:14	WG1053752
2-Methylnaphthalene	ND		0.0231	1	12/19/2017 03:14	WG1053752
2-Chloronaphthalene	ND		0.0231	1	12/19/2017 03:14	WG1053752
(S) p-Terphenyl-d14	*60.5*		*23.0-120*		*12/19/2017 03:14*	WG1053752
(S) Nitrobenzene-d5	*42.1*		*14.0-149*		*12/19/2017 03:14*	WG1053752
(S) 2-Fluorobiphenyl	*47.8*		*34.0-125*		*12/19/2017 03:14*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.7		1	12/14/2017 14:33	WG1053554

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.159		0.0271	1	12/13/2017 09:35	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	7360		13.6	1	12/14/2017 16:04	WG1051792
Antimony	ND		2.71	1	12/14/2017 16:04	WG1051792
Arsenic	21.5		2.71	1	12/14/2017 16:04	WG1051792
Barium	321		0.678	1	12/14/2017 16:04	WG1051792
Beryllium	1.25		0.271	1	12/14/2017 16:04	WG1051792
Cadmium	1.84		0.678	1	12/14/2017 16:04	WG1051792
Chromium	18.8		1.36	1	12/14/2017 16:04	WG1051792
Cobalt	9.13		1.36	1	12/14/2017 16:04	WG1051792
Copper	94.7		2.71	1	12/14/2017 16:04	WG1051792
Lead	432		0.678	1	12/14/2017 16:04	WG1051792
Nickel	30.9		2.71	1	12/14/2017 16:04	WG1051792
Selenium	ND		2.71	1	12/14/2017 16:04	WG1051792
Silver	ND		1.36	1	12/14/2017 16:04	WG1051792
Thallium	ND		2.71	1	12/14/2017 16:04	WG1051792
Vanadium	20.6		2.71	1	12/14/2017 16:04	WG1051792
Zinc	475		6.78	1	12/14/2017 16:04	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0352		0.00814	1	12/19/2017 05:49	WG1053752
Acenaphthene	ND		0.00814	1	12/19/2017 05:49	WG1053752
Acenaphthylene	ND		0.00814	1	12/19/2017 05:49	WG1053752
Benzo(a)anthracene	0.135		0.00814	1	12/19/2017 05:49	WG1053752
Benzo(a)pyrene	0.131		0.00814	1	12/19/2017 05:49	WG1053752
Benzo(b)fluoranthene	0.196		0.00814	1	12/19/2017 05:49	WG1053752
Benzo(g,h,i)perylene	0.0947		0.00814	1	12/19/2017 05:49	WG1053752
Benzo(k)fluoranthene	0.0538		0.00814	1	12/19/2017 05:49	WG1053752
Chrysene	0.151		0.00814	1	12/19/2017 05:49	WG1053752
Dibenz(a,h)anthracene	0.0244		0.00814	1	12/19/2017 05:49	WG1053752
Fluoranthene	0.332		0.00814	1	12/19/2017 05:49	WG1053752
Fluorene	ND		0.00814	1	12/19/2017 05:49	WG1053752
Indeno(1,2,3-cd)pyrene	0.0841		0.00814	1	12/19/2017 05:49	WG1053752
Naphthalene	ND		0.0271	1	12/19/2017 05:49	WG1053752
Phenanthrene	0.131		0.00814	1	12/19/2017 05:49	WG1053752
Pyrene	0.241		0.00814	1	12/19/2017 05:49	WG1053752
1-Methylnaphthalene	ND		0.0271	1	12/19/2017 05:49	WG1053752
2-Methylnaphthalene	ND		0.0271	1	12/19/2017 05:49	WG1053752
2-Chloronaphthalene	ND		0.0271	1	12/19/2017 05:49	WG1053752
(S) p-Terphenyl-d14	*72.9*		*23.0-120*		*12/19/2017 05:49*	WG1053752
(S) Nitrobenzene-d5	*47.1*		*14.0-149*		*12/19/2017 05:49*	WG1053752
(S) 2-Fluorobiphenyl	*59.7*		*34.0-125*		*12/19/2017 05:49*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.0		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.0647		0.0250	1	12/13/2017 09:38	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	11700		12.5	1	12/14/2017 16:08	WG1051792
Antimony	ND		2.50	1	12/14/2017 16:08	WG1051792
Arsenic	32.4		2.50	1	12/14/2017 16:08	WG1051792
Barium	139		0.625	1	12/14/2017 16:08	WG1051792
Beryllium	0.936		0.250	1	12/14/2017 16:08	WG1051792
Cadmium	ND		0.625	1	12/14/2017 16:08	WG1051792
Chromium	14.9		1.25	1	12/14/2017 16:08	WG1051792
Cobalt	7.36		1.25	1	12/14/2017 16:08	WG1051792
Copper	36.5		2.50	1	12/14/2017 16:08	WG1051792
Lead	20.9		0.625	1	12/14/2017 16:08	WG1051792
Nickel	43.2		2.50	1	12/14/2017 16:08	WG1051792
Selenium	ND		2.50	1	12/14/2017 16:08	WG1051792
Silver	ND		1.25	1	12/14/2017 16:08	WG1051792
Thallium	ND		2.50	1	12/14/2017 16:08	WG1051792
Vanadium	38.0		2.50	1	12/14/2017 16:08	WG1051792
Zinc	122		6.25	1	12/14/2017 16:08	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Acenaphthene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Acenaphthylene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Benzo(a)anthracene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Benzo(a)pyrene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Benzo(b)fluoranthene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Benzo(g,h,i)perylene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Benzo(k)fluoranthene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Chrysene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Dibenz(a,h)anthracene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Fluoranthene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Fluorene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Naphthalene	ND		0.0250	1	12/19/2017 03:36	WG1053752
Phenanthrene	ND		0.00750	1	12/19/2017 03:36	WG1053752
Pyrene	ND		0.00750	1	12/19/2017 03:36	WG1053752
1-Methylnaphthalene	ND		0.0250	1	12/19/2017 03:36	WG1053752
2-Methylnaphthalene	ND		0.0250	1	12/19/2017 03:36	WG1053752
2-Chloronaphthalene	ND		0.0250	1	12/19/2017 03:36	WG1053752
(S) p-Terphenyl-d14	*59.8*		*23.0-120*		*12/19/2017 03:36*	WG1053752
(S) Nitrobenzene-d5	*44.2*		*14.0-149*		*12/19/2017 03:36*	WG1053752
(S) 2-Fluorobiphenyl	*51.5*		*34.0-125*		*12/19/2017 03:36*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	ND		0.0225	1	12/13/2017 09:40	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	4330		11.3	1	12/14/2017 16:11	WG1051792
Antimony	ND		2.25	1	12/14/2017 16:11	WG1051792
Arsenic	16.5		2.25	1	12/14/2017 16:11	WG1051792
Barium	40.1		0.563	1	12/14/2017 16:11	WG1051792
Beryllium	0.422		0.225	1	12/14/2017 16:11	WG1051792
Cadmium	0.895		0.563	1	12/14/2017 16:11	WG1051792
Chromium	6.64		1.13	1	12/14/2017 16:11	WG1051792
Cobalt	7.15		1.13	1	12/14/2017 16:11	WG1051792
Copper	34.5		2.25	1	12/14/2017 16:11	WG1051792
Lead	16.9		0.563	1	12/14/2017 16:11	WG1051792
Nickel	31.5		2.25	1	12/14/2017 16:11	WG1051792
Selenium	ND		2.25	1	12/14/2017 16:11	WG1051792
Silver	ND		1.13	1	12/14/2017 16:11	WG1051792
Thallium	ND		2.25	1	12/14/2017 16:11	WG1051792
Vanadium	18.0		2.25	1	12/14/2017 16:11	WG1051792
Zinc	97.7		5.63	1	12/14/2017 16:11	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Acenaphthene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Acenaphthylene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Benzo(a)anthracene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Benzo(a)pyrene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Benzo(b)fluoranthene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Benzo(g,h,i)perylene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Benzo(k)fluoranthene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Chrysene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Dibenz(a,h)anthracene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Fluoranthene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Fluorene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Indeno(1,2,3-cd)pyrene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Naphthalene	ND		0.0225	1	12/19/2017 03:58	WG1053752
Phenanthrene	ND		0.00675	1	12/19/2017 03:58	WG1053752
Pyrene	ND		0.00675	1	12/19/2017 03:58	WG1053752
1-Methylnaphthalene	ND		0.0225	1	12/19/2017 03:58	WG1053752
2-Methylnaphthalene	ND		0.0225	1	12/19/2017 03:58	WG1053752
2-Chloronaphthalene	ND		0.0225	1	12/19/2017 03:58	WG1053752
(S) p-Terphenyl-d14	*79.8*		*23.0-120*		*12/19/2017 03:58*	WG1053752
(S) Nitrobenzene-d5	*51.3*		*14.0-149*		*12/19/2017 03:58*	WG1053752
(S) 2-Fluorobiphenyl	*75.7*		*34.0-125*		*12/19/2017 03:58*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.3		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.788		0.0259	1	12/13/2017 09:43	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	8660		12.9	1	12/14/2017 16:14	WG1051792
Antimony	ND		2.59	1	12/14/2017 16:14	WG1051792
Arsenic	31.6		2.59	1	12/14/2017 16:14	WG1051792
Barium	311		0.647	1	12/14/2017 16:14	WG1051792
Beryllium	0.698		0.259	1	12/14/2017 16:14	WG1051792
Cadmium	4.51		0.647	1	12/14/2017 16:14	WG1051792
Chromium	31.5		1.29	1	12/14/2017 16:14	WG1051792
Cobalt	7.42		1.29	1	12/14/2017 16:14	WG1051792
Copper	103		2.59	1	12/14/2017 16:14	WG1051792
Lead	916		0.647	1	12/14/2017 16:14	WG1051792
Nickel	41.7		2.59	1	12/14/2017 16:14	WG1051792
Selenium	ND		2.59	1	12/14/2017 16:14	WG1051792
Silver	ND		1.29	1	12/14/2017 16:14	WG1051792
Thallium	ND		2.59	1	12/14/2017 16:14	WG1051792
Vanadium	27.4		2.59	1	12/14/2017 16:14	WG1051792
Zinc	1230		6.47	1	12/14/2017 16:14	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.331		0.0776	10	12/19/2017 06:12	WG1053752
Acenaphthene	ND		0.0776	10	12/19/2017 06:12	WG1053752
Acenaphthylene	ND		0.0776	10	12/19/2017 06:12	WG1053752
Benzo(a)anthracene	0.621		0.0776	10	12/19/2017 06:12	WG1053752
Benzo(a)pyrene	0.440		0.0776	10	12/19/2017 06:12	WG1053752
Benzo(b)fluoranthene	0.679		0.0776	10	12/19/2017 06:12	WG1053752
Benzo(g,h,i)perylene	0.285		0.0776	10	12/19/2017 06:12	WG1053752
Benzo(k)fluoranthene	0.231		0.0776	10	12/19/2017 06:12	WG1053752
Chrysene	0.658		0.0776	10	12/19/2017 06:12	WG1053752
Dibenz(a,h)anthracene	0.0994		0.0776	10	12/19/2017 06:12	WG1053752
Fluoranthene	1.99		0.0776	10	12/19/2017 06:12	WG1053752
Fluorene	ND		0.0776	10	12/19/2017 06:12	WG1053752
Indeno(1,2,3-cd)pyrene	0.279		0.0776	10	12/19/2017 06:12	WG1053752
Naphthalene	ND		0.259	10	12/19/2017 06:12	WG1053752
Phenanthrene	1.14		0.0776	10	12/19/2017 06:12	WG1053752
Pyrene	1.17		0.0776	10	12/19/2017 06:12	WG1053752
1-Methylnaphthalene	ND		0.259	10	12/19/2017 06:12	WG1053752
2-Methylnaphthalene	ND		0.259	10	12/19/2017 06:12	WG1053752
2-Chloronaphthalene	ND		0.259	10	12/19/2017 06:12	WG1053752
(S) p-Terphenyl-d14	*70.8*		*23.0-120*		*12/19/2017 06:12*	WG1053752
(S) Nitrobenzene-d5	*42.1*		*14.0-149*		*12/19/2017 06:12*	WG1053752
(S) 2-Fluorobiphenyl	*65.9*		*34.0-125*		*12/19/2017 06:12*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.8		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.373		0.0264	1	12/13/2017 09:45	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	13500		13.2	1	12/14/2017 16:24	WG1051792
Antimony	ND		2.64	1	12/14/2017 16:24	WG1051792
Arsenic	34.8		2.64	1	12/14/2017 16:24	WG1051792
Barium	697		0.660	1	12/14/2017 16:24	WG1051792
Beryllium	3.14		0.264	1	12/14/2017 16:24	WG1051792
Cadmium	1.87		0.660	1	12/14/2017 16:24	WG1051792
Chromium	54.8		1.32	1	12/14/2017 16:24	WG1051792
Cobalt	13.8		1.32	1	12/14/2017 16:24	WG1051792
Copper	412		2.64	1	12/14/2017 16:24	WG1051792
Lead	802		0.660	1	12/14/2017 16:24	WG1051792
Nickel	54.2		2.64	1	12/14/2017 16:24	WG1051792
Selenium	ND		2.64	1	12/14/2017 16:24	WG1051792
Silver	ND		1.32	1	12/14/2017 16:24	WG1051792
Thallium	ND		2.64	1	12/14/2017 16:24	WG1051792
Vanadium	39.7		2.64	1	12/14/2017 16:24	WG1051792
Zinc	935		6.60	1	12/14/2017 16:24	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	1.39		0.0792	10	12/19/2017 07:18	WG1053752
Acenaphthene	0.258		0.0792	10	12/19/2017 07:18	WG1053752
Acenaphthylene	ND		0.0792	10	12/19/2017 07:18	WG1053752
Benzo(a)anthracene	1.80		0.0792	10	12/19/2017 07:18	WG1053752
Benzo(a)pyrene	1.44		0.0792	10	12/19/2017 07:18	WG1053752
Benzo(b)fluoranthene	2.05		0.0792	10	12/19/2017 07:18	WG1053752
Benzo(g,h,i)perylene	0.961		0.0792	10	12/19/2017 07:18	WG1053752
Benzo(k)fluoranthene	0.581		0.0792	10	12/19/2017 07:18	WG1053752
Chrysene	1.69		0.0792	10	12/19/2017 07:18	WG1053752
Dibenz(a,h)anthracene	0.278		0.0792	10	12/19/2017 07:18	WG1053752
Fluoranthene	5.23		0.0792	10	12/19/2017 07:18	WG1053752
Fluorene	0.445		0.0792	10	12/19/2017 07:18	WG1053752
Indeno(1,2,3-cd)pyrene	0.860		0.0792	10	12/19/2017 07:18	WG1053752
Naphthalene	0.308		0.264	10	12/19/2017 07:18	WG1053752
Phenanthrene	3.97		0.0792	10	12/19/2017 07:18	WG1053752
Pyrene	3.28		0.0792	10	12/19/2017 07:18	WG1053752
1-Methylnaphthalene	0.269		0.264	10	12/19/2017 07:18	WG1053752
2-Methylnaphthalene	0.307		0.264	10	12/19/2017 07:18	WG1053752
2-Chloronaphthalene	ND		0.264	10	12/19/2017 07:18	WG1053752
(S) p-Terphenyl-d14	*62.5*		*23.0-120*		*12/19/2017 07:18*	WG1053752
(S) Nitrobenzene-d5	*43.2*		*14.0-149*		*12/19/2017 07:18*	WG1053752
(S) 2-Fluorobiphenyl	*61.8*		*34.0-125*		*12/19/2017 07:18*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.4		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	0.354		0.0246	1	12/13/2017 09:55	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	8790		12.3	1	12/14/2017 16:28	WG1051792
Antimony	2.57		2.46	1	12/14/2017 16:28	WG1051792
Arsenic	17.7		2.46	1	12/14/2017 16:28	WG1051792
Barium	290		0.614	1	12/14/2017 16:28	WG1051792
Beryllium	1.32		0.246	1	12/14/2017 16:28	WG1051792
Cadmium	0.675		0.614	1	12/14/2017 16:28	WG1051792
Chromium	13.8		1.23	1	12/14/2017 16:28	WG1051792
Cobalt	9.80		1.23	1	12/14/2017 16:28	WG1051792
Copper	50.7		2.46	1	12/14/2017 16:28	WG1051792
Lead	293		0.614	1	12/14/2017 16:28	WG1051792
Nickel	24.7		2.46	1	12/14/2017 16:28	WG1051792
Selenium	ND		2.46	1	12/14/2017 16:28	WG1051792
Silver	ND		1.23	1	12/14/2017 16:28	WG1051792
Thallium	ND		2.46	1	12/14/2017 16:28	WG1051792
Vanadium	25.5		2.46	1	12/14/2017 16:28	WG1051792
Zinc	261		6.14	1	12/14/2017 16:28	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.321		0.0737	10	12/19/2017 06:56	WG1053752
Acenaphthene	0.0836		0.0737	10	12/19/2017 06:56	WG1053752
Acenaphthylene	ND		0.0737	10	12/19/2017 06:56	WG1053752
Benzo(a)anthracene	0.633		0.0737	10	12/19/2017 06:56	WG1053752
Benzo(a)pyrene	0.583		0.0737	10	12/19/2017 06:56	WG1053752
Benzo(b)fluoranthene	0.810		0.0737	10	12/19/2017 06:56	WG1053752
Benzo(g,h,i)perylene	0.490		0.0737	10	12/19/2017 06:56	WG1053752
Benzo(k)fluoranthene	0.248		0.0737	10	12/19/2017 06:56	WG1053752
Chrysene	0.720		0.0737	10	12/19/2017 06:56	WG1053752
Dibenz(a,h)anthracene	0.109		0.0737	10	12/19/2017 06:56	WG1053752
Fluoranthene	2.00		0.0737	10	12/19/2017 06:56	WG1053752
Fluorene	0.0884		0.0737	10	12/19/2017 06:56	WG1053752
Indeno(1,2,3-cd)pyrene	0.379		0.0737	10	12/19/2017 06:56	WG1053752
Naphthalene	ND		0.246	10	12/19/2017 06:56	WG1053752
Phenanthrene	1.25		0.0737	10	12/19/2017 06:56	WG1053752
Pyrene	1.29		0.0737	10	12/19/2017 06:56	WG1053752
1-Methylnaphthalene	ND		0.246	10	12/19/2017 06:56	WG1053752
2-Methylnaphthalene	ND		0.246	10	12/19/2017 06:56	WG1053752
2-Chloronaphthalene	ND		0.246	10	12/19/2017 06:56	WG1053752
(S) p-Terphenyl-d14	*61.8*		*23.0-120*		*12/19/2017 06:56*	WG1053752
(S) Nitrobenzene-d5	*39.6*		*14.0-149*		*12/19/2017 06:56*	WG1053752
(S) 2-Fluorobiphenyl	*64.4*		*34.0-125*		*12/19/2017 06:56*	WG1053752

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.8		1	12/15/2017 10:42	WG1053955

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Mercury	2.07		0.0528	2	12/13/2017 13:11	WG1051889

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Aluminum	10400		13.2	1	12/14/2017 16:31	WG1051792
Antimony	ND		2.64	1	12/14/2017 16:31	WG1051792
Arsenic	20.6		2.64	1	12/14/2017 16:31	WG1051792
Barium	238		0.660	1	12/14/2017 16:31	WG1051792
Beryllium	1.16		0.264	1	12/14/2017 16:31	WG1051792
Cadmium	5.40		0.660	1	12/14/2017 16:31	WG1051792
Chromium	26.2		1.32	1	12/14/2017 16:31	WG1051792
Cobalt	10.5		1.32	1	12/14/2017 16:31	WG1051792
Copper	62.0		2.64	1	12/14/2017 16:31	WG1051792
Lead	444		0.660	1	12/14/2017 16:31	WG1051792
Nickel	34.7		2.64	1	12/14/2017 16:31	WG1051792
Selenium	ND		2.64	1	12/14/2017 16:31	WG1051792
Silver	ND		1.32	1	12/14/2017 16:31	WG1051792
Thallium	ND		2.64	1	12/14/2017 16:31	WG1051792
Vanadium	25.6		2.64	1	12/14/2017 16:31	WG1051792
Zinc	20800		132	20	12/14/2017 23:25	WG1051792

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	2.16		0.158	20	12/19/2017 08:02	WG1053752
Acenaphthene	0.491		0.158	20	12/19/2017 08:02	WG1053752
Acenaphthylene	ND		0.158	20	12/19/2017 08:02	WG1053752
Benzo(a)anthracene	2.34		0.158	20	12/19/2017 08:02	WG1053752
Benzo(a)pyrene	1.65		0.158	20	12/19/2017 08:02	WG1053752
Benzo(b)fluoranthene	2.39		0.158	20	12/19/2017 08:02	WG1053752
Benzo(g,h,i)perylene	0.937		0.158	20	12/19/2017 08:02	WG1053752
Benzo(k)fluoranthene	0.632		0.158	20	12/19/2017 08:02	WG1053752
Chrysene	2.17		0.158	20	12/19/2017 08:02	WG1053752
Dibenz(a,h)anthracene	0.297		0.158	20	12/19/2017 08:02	WG1053752
Fluoranthene	7.06		0.158	20	12/19/2017 08:02	WG1053752
Fluorene	0.696		0.158	20	12/19/2017 08:02	WG1053752
Indeno(1,2,3-cd)pyrene	0.872		0.158	20	12/19/2017 08:02	WG1053752
Naphthalene	ND		0.528	20	12/19/2017 08:02	WG1053752
Phenanthrene	6.35		0.158	20	12/19/2017 08:02	WG1053752
Pyrene	4.15		0.158	20	12/19/2017 08:02	WG1053752
1-Methylnaphthalene	ND		0.528	20	12/19/2017 08:02	WG1053752
2-Methylnaphthalene	ND		0.528	20	12/19/2017 08:02	WG1053752
2-Chloronaphthalene	ND		0.528	20	12/19/2017 08:02	WG1053752
(S) p-Terphenyl-d14	*64.0*	J7	*23.0-120*		*12/19/2017 08:02*	WG1053752
(S) Nitrobenzene-d5	*43.6*	J7	*14.0-149*		*12/19/2017 08:02*	WG1053752
(S) 2-Fluorobiphenyl	*67.0*	J7	*34.0-125*		*12/19/2017 08:02*	WG1053752

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00367		0.00200	10	12/13/2017 11:57	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	98.8		0.200	1	12/13/2017 05:00	WG1052534
Barium	1.58		0.00500	1	12/13/2017 05:00	WG1052534
Beryllium	0.00941		0.00200	1	12/13/2017 05:00	WG1052534
Cadmium	0.0170		0.00200	1	12/13/2017 05:00	WG1052534
Chromium	0.182		0.0100	1	12/13/2017 05:00	WG1052534
Cobalt	0.194		0.0500	5	12/13/2017 10:11	WG1052534
Copper	0.669		0.0100	1	12/13/2017 05:00	WG1052534
Lead	1.19		0.0250	5	12/13/2017 10:11	WG1052534
Nickel	0.621		0.0500	5	12/13/2017 10:11	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:00	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:00	WG1052534
Vanadium	0.197		0.0200	1	12/13/2017 05:00	WG1052534
Zinc	2.10		0.0500	1	12/13/2017 05:00	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	ND		0.00200	1	12/16/2017 21:39	WG1052833
Arsenic	0.0626		0.00200	1	12/15/2017 19:38	WG1052833
Thallium	0.00855		0.00200	1	12/16/2017 21:39	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Acenaphthene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Acenaphthylene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Benzo(a)anthracene	0.0000841		0.0000665	1.33	12/14/2017 19:49	WG1052776
Benzo(a)pyrene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Benzo(b)fluoranthene	0.0000777		0.0000665	1.33	12/14/2017 19:49	WG1052776
Benzo(g,h,i)perylene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Benzo(k)fluoranthene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Chrysene	0.0000719		0.0000665	1.33	12/14/2017 19:49	WG1052776
Dibenz(a,h)anthracene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Fluoranthene	0.000239		0.0000665	1.33	12/14/2017 19:49	WG1052776
Fluorene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000665	1.33	12/14/2017 19:49	WG1052776
Naphthalene	ND		0.000332	1.33	12/14/2017 19:49	WG1052776
Phenanthrene	0.000225		0.0000665	1.33	12/14/2017 19:49	WG1052776
Pyrene	0.000143		0.0000665	1.33	12/14/2017 19:49	WG1052776
1-Methylnaphthalene	ND		0.000332	1.33	12/14/2017 19:49	WG1052776
2-Methylnaphthalene	ND		0.000332	1.33	12/14/2017 19:49	WG1052776
2-Chloronaphthalene	ND		0.000332	1.33	12/14/2017 19:49	WG1052776
(S) Nitrobenzene-d5	*87.3*		*31.0-160*		*12/14/2017 19:49*	WG1052776
(S) 2-Fluorobiphenyl	*93.4*		*48.0-148*		*12/14/2017 19:49*	WG1052776
(S) p-Terphenyl-d14	*82.0*		*37.0-146*		*12/14/2017 19:49*	WG1052776

Sample Narrative:

L956532-57 WG1052776: Dilution due to sample volume

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.000879		0.000200	1	12/13/2017 11:59	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	9.86		0.200	1	12/13/2017 05:03	WG1052534
Barium	1.56		0.00500	1	12/13/2017 05:03	WG1052534
Beryllium	ND		0.00200	1	12/13/2017 05:03	WG1052534
Cadmium	0.0143		0.00200	1	12/13/2017 05:03	WG1052534
Chromium	0.0452		0.0100	1	12/13/2017 05:03	WG1052534
Cobalt	0.0172		0.0100	1	12/13/2017 05:03	WG1052534
Copper	2.09		0.0100	1	12/13/2017 05:03	WG1052534
Lead	3.12		0.00500	1	12/13/2017 05:03	WG1052534
Nickel	0.0685		0.0100	1	12/13/2017 05:03	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:03	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:03	WG1052534
Vanadium	0.0347	B	0.0200	1	12/13/2017 05:03	WG1052534
Zinc	4.01		0.0500	1	12/13/2017 05:03	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.0128	B	0.00200	1	12/15/2017 19:41	WG1052833
Arsenic	0.0273		0.00200	1	12/15/2017 19:41	WG1052833
Thallium	ND		0.00200	1	12/15/2017 19:41	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Acenaphthene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Acenaphthylene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Benzo(b)fluoranthene	0.0000516		0.0000500	1	12/15/2017 00:38	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Chrysene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Fluoranthene	0.0000837		0.0000500	1	12/15/2017 00:38	WG1052776
Fluorene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Naphthalene	ND		0.000250	1	12/15/2017 00:38	WG1052776
Phenanthrene	ND		0.0000500	1	12/15/2017 00:38	WG1052776
Pyrene	0.0000626		0.0000500	1	12/15/2017 00:38	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/15/2017 00:38	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/15/2017 00:38	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/15/2017 00:38	WG1052776
(S) Nitrobenzene-d5	*85.8*		*31.0-160*		*12/15/2017 00:38*	WG1052776
(S) 2-Fluorobiphenyl	*89.6*		*48.0-148*		*12/15/2017 00:38*	WG1052776
(S) p-Terphenyl-d14	*75.1*		*37.0-146*		*12/15/2017 00:38*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00205		0.000200	1	12/13/2017 12:01	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	52.1		0.200	1	12/13/2017 05:07	WG1052534
Barium	3.67		0.00500	1	12/13/2017 05:07	WG1052534
Beryllium	0.00621		0.00200	1	12/13/2017 05:07	WG1052534
Cadmium	0.0279		0.00200	1	12/13/2017 05:07	WG1052534
Chromium	0.178		0.0100	1	12/13/2017 05:07	WG1052534
Cobalt	0.155		0.0100	1	12/13/2017 05:07	WG1052534
Copper	0.518		0.0100	1	12/13/2017 05:07	WG1052534
Lead	0.720		0.00500	1	12/13/2017 05:07	WG1052534
Nickel	0.492		0.0100	1	12/13/2017 05:07	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:07	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:07	WG1052534
Vanadium	0.205		0.0200	1	12/13/2017 05:07	WG1052534
Zinc	1.54		0.0500	1	12/13/2017 05:07	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.00631	B	0.00200	1	12/15/2017 19:45	WG1052833
Arsenic	0.0969		0.00200	1	12/15/2017 19:45	WG1052833
Thallium	0.0196		0.00200	1	12/15/2017 19:45	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 20:51	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 20:51	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 20:51	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 20:51	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 20:51	WG1052776
(S) Nitrobenzene-d5	*86.7*		*31.0-160*		*12/14/2017 20:51*	WG1052776
(S) 2-Fluorobiphenyl	*93.3*		*48.0-148*		*12/14/2017 20:51*	WG1052776
(S) p-Terphenyl-d14	*83.3*		*37.0-146*		*12/14/2017 20:51*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00240		0.000200	1	12/13/2017 12:03	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	49.6		0.200	1	12/13/2017 05:10	WG1052534
Barium	0.901		0.00500	1	12/13/2017 05:10	WG1052534
Beryllium	0.00516		0.00200	1	12/13/2017 05:10	WG1052534
Cadmium	0.0106		0.00200	1	12/13/2017 05:10	WG1052534
Chromium	0.101		0.0100	1	12/13/2017 05:10	WG1052534
Cobalt	0.324		0.0100	1	12/13/2017 05:10	WG1052534
Copper	0.596		0.0100	1	12/13/2017 05:10	WG1052534
Lead	1.10		0.00500	1	12/13/2017 05:10	WG1052534
Nickel	0.609		0.0100	1	12/13/2017 05:10	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:10	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:10	WG1052534
Vanadium	0.125		0.0200	1	12/13/2017 05:10	WG1052534
Zinc	2.86		0.0500	1	12/13/2017 05:10	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.0140	B	0.00200	1	12/15/2017 19:56	WG1052833
Arsenic	1.09		0.00200	1	12/15/2017 19:56	WG1052833
Thallium	0.0152		0.00200	1	12/15/2017 19:56	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Fluoranthene	0.0000552		0.0000500	1	12/14/2017 21:11	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 21:11	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 21:11	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:11	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:11	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 21:11	WG1052776
(S) Nitrobenzene-d5	*86.7*		*31.0-160*		*12/14/2017 21:11*	WG1052776
(S) 2-Fluorobiphenyl	*92.7*		*48.0-148*		*12/14/2017 21:11*	WG1052776
(S) p-Terphenyl-d14	*84.2*		*37.0-146*		*12/14/2017 21:11*	WG1052776

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	0.00425		0.000200	1	12/13/2017 12:13	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Aluminum	49.3		0.200	1	12/13/2017 05:14	WG1052534
Barium	4.89		0.00500	1	12/13/2017 05:14	WG1052534
Beryllium	0.00622		0.00200	1	12/13/2017 05:14	WG1052534
Cadmium	0.0478		0.00200	1	12/13/2017 05:14	WG1052534
Chromium	0.0946		0.0100	1	12/13/2017 05:14	WG1052534
Cobalt	0.255		0.0100	1	12/13/2017 05:14	WG1052534
Copper	1.32		0.0100	1	12/13/2017 05:14	WG1052534
Lead	1.01		0.00500	1	12/13/2017 05:14	WG1052534
Nickel	1.07		0.0100	1	12/13/2017 05:14	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:14	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:14	WG1052534
Vanadium	0.156		0.0200	1	12/13/2017 05:14	WG1052534
Zinc	2.03		0.0500	1	12/13/2017 05:14	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	0.0112	B	0.00200	1	12/15/2017 20:00	WG1052833
Arsenic	1.03		0.00200	1	12/15/2017 20:00	WG1052833
Thallium	0.0519		0.00200	1	12/15/2017 20:00	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Anthracene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 21:32	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 21:32	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:32	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:32	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 21:32	WG1052776
(S) Nitrobenzene-d5	*86.3*		*31.0-160*		*12/14/2017 21:32*	WG1052776
(S) 2-Fluorobiphenyl	*95.0*		*48.0-148*		*12/14/2017 21:32*	WG1052776
(S) p-Terphenyl-d14	*85.2*		*37.0-146*		*12/14/2017 21:32*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.000315		0.000200	1	12/13/2017 12:15	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	22.0		0.200	1	12/13/2017 05:17	WG1052534
Barium	0.486		0.00500	1	12/13/2017 05:17	WG1052534
Beryllium	0.00303		0.00200	1	12/13/2017 05:17	WG1052534
Cadmium	0.00363		0.00200	1	12/13/2017 05:17	WG1052534
Chromium	0.0487		0.0100	1	12/13/2017 05:17	WG1052534
Cobalt	0.0301		0.0100	1	12/13/2017 05:17	WG1052534
Copper	0.264		0.0100	1	12/13/2017 05:17	WG1052534
Lead	0.295		0.00500	1	12/13/2017 05:17	WG1052534
Nickel	0.114		0.0100	1	12/13/2017 05:17	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:17	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:17	WG1052534
Vanadium	0.0727		0.0200	1	12/13/2017 05:17	WG1052534
Zinc	0.719		0.0500	1	12/13/2017 05:17	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.00827	B	0.00200	1	12/15/2017 20:03	WG1052833
Arsenic	0.282		0.00200	1	12/15/2017 20:03	WG1052833
Thallium	0.00910		0.00200	1	12/15/2017 20:03	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 21:53	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 21:53	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:53	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 21:53	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 21:53	WG1052776
(S) Nitrobenzene-d5	*80.3*		*31.0-160*		*12/14/2017 21:53*	WG1052776
(S) 2-Fluorobiphenyl	*81.5*		*48.0-148*		*12/14/2017 21:53*	WG1052776
(S) p-Terphenyl-d14	*62.4*		*37.0-146*		*12/14/2017 21:53*	WG1052776

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	0.00197		0.000200	1	12/13/2017 12:17	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Aluminum	77.3		0.200	1	12/13/2017 05:21	WG1052534
Barium	2.40		0.00500	1	12/13/2017 05:21	WG1052534
Beryllium	0.00570		0.00200	1	12/13/2017 05:21	WG1052534
Cadmium	0.0267		0.00200	1	12/13/2017 05:21	WG1052534
Chromium	0.161		0.0100	1	12/13/2017 05:21	WG1052534
Cobalt	0.143		0.0100	1	12/13/2017 05:21	WG1052534
Copper	0.415		0.0100	1	12/13/2017 05:21	WG1052534
Lead	1.60		0.00500	1	12/13/2017 05:21	WG1052534
Nickel	0.776		0.0100	1	12/13/2017 05:21	WG1052534
Selenium	ND		0.0100	1	12/13/2017 05:21	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:21	WG1052534
Vanadium	0.205		0.0200	1	12/13/2017 05:21	WG1052534
Zinc	2.36		0.0500	1	12/13/2017 05:21	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Antimony	0.00992	B	0.00200	1	12/15/2017 20:07	WG1052833
Arsenic	0.512		0.00200	1	12/15/2017 20:07	WG1052833
Thallium	0.0359		0.00200	1	12/15/2017 20:07	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Anthracene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 22:13	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 22:13	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:13	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:13	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 22:13	WG1052776
(S) Nitrobenzene-d5	*86.9*		*31.0-160*		*12/14/2017 22:13*	WG1052776
(S) 2-Fluorobiphenyl	*91.8*		*48.0-148*		*12/14/2017 22:13*	WG1052776
(S) p-Terphenyl-d14	*79.6*		*37.0-146*		*12/14/2017 22:13*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.000410		0.000200	1	12/13/2017 12:19	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	39.2		0.200	1	12/13/2017 05:24	WG1052534
Barium	0.632		0.00500	1	12/13/2017 05:24	WG1052534
Beryllium	0.00316		0.00200	1	12/13/2017 05:24	WG1052534
Cadmium	0.00492		0.00200	1	12/13/2017 05:24	WG1052534
Chromium	0.0666		0.0100	1	12/13/2017 05:24	WG1052534
Cobalt	0.0697		0.0100	1	12/13/2017 05:24	WG1052534
Copper	0.366		0.0100	1	12/13/2017 05:24	WG1052534
Lead	0.304		0.00500	1	12/13/2017 05:24	WG1052534
Nickel	0.226		0.0100	1	12/13/2017 05:24	WG1052534
Selenium	0.0100		0.0100	1	12/13/2017 05:24	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:24	WG1052534
Vanadium	0.109		0.0200	1	12/13/2017 05:24	WG1052534
Zinc	0.874		0.0500	1	12/13/2017 05:24	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.00764	B	0.00200	1	12/15/2017 20:11	WG1052833
Arsenic	0.438		0.00200	1	12/15/2017 20:11	WG1052833
Thallium	0.00603		0.00200	1	12/15/2017 20:11	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 22:34	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 22:34	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:34	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:34	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 22:34	WG1052776
(S) Nitrobenzene-d5	*90.2*		*31.0-160*		*12/14/2017 22:34*	WG1052776
(S) 2-Fluorobiphenyl	*97.2*		*48.0-148*		*12/14/2017 22:34*	WG1052776
(S) p-Terphenyl-d14	*77.8*		*37.0-146*		*12/14/2017 22:34*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00822		0.000400	2	12/13/2017 17:19	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	99.2		0.200	1	12/13/2017 05:34	WG1052534
Barium	2.71		0.00500	1	12/13/2017 05:34	WG1052534
Beryllium	0.00830		0.00200	1	12/13/2017 05:34	WG1052534
Cadmium	0.0418		0.00200	1	12/13/2017 05:34	WG1052534
Chromium	0.207		0.0100	1	12/13/2017 05:34	WG1052534
Cobalt	0.190		0.0100	1	12/13/2017 05:34	WG1052534
Copper	1.37		0.0100	1	12/13/2017 05:34	WG1052534
Lead	2.19		0.00500	1	12/13/2017 05:34	WG1052534
Nickel	0.603		0.0100	1	12/13/2017 05:34	WG1052534
Selenium	0.0186		0.0100	1	12/13/2017 05:34	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:34	WG1052534
Vanadium	0.276		0.0200	1	12/13/2017 05:34	WG1052534
Zinc	5.20		0.0500	1	12/13/2017 05:34	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.00716	B	0.00200	1	12/15/2017 20:15	WG1052833
Arsenic	0.471		0.00200	1	12/15/2017 20:15	WG1052833
Thallium	0.0436		0.00200	1	12/15/2017 20:15	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Acenaphthene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Acenaphthylene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Benzo(a)anthracene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Benzo(a)pyrene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Benzo(b)fluoranthene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Benzo(g,h,i)perylene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Benzo(k)fluoranthene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Chrysene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Dibenz(a,h)anthracene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Fluoranthene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Fluorene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Naphthalene	ND		0.000285	1.14	12/14/2017 23:36	WG1052776
Phenanthrene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
Pyrene	ND		0.0000570	1.14	12/14/2017 23:36	WG1052776
1-Methylnaphthalene	ND		0.000285	1.14	12/14/2017 23:36	WG1052776
2-Methylnaphthalene	ND		0.000285	1.14	12/14/2017 23:36	WG1052776
2-Chloronaphthalene	ND		0.000285	1.14	12/14/2017 23:36	WG1052776
(S) Nitrobenzene-d5	*84.5*		*31.0-160*		*12/14/2017 23:36*	WG1052776
(S) 2-Fluorobiphenyl	*92.0*		*48.0-148*		*12/14/2017 23:36*	WG1052776
(S) p-Terphenyl-d14	*70.7*		*37.0-146*		*12/14/2017 23:36*	WG1052776

Sample Narrative:

L956532-65 WG1052776: Dilution due to sample volume

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00319		0.000200	1	12/13/2017 12:24	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	102		0.200	1	12/13/2017 05:38	WG1052534
Barium	2.36		0.00500	1	12/13/2017 05:38	WG1052534
Beryllium	0.00802		0.00200	1	12/13/2017 05:38	WG1052534
Cadmium	0.0385		0.00200	1	12/13/2017 05:38	WG1052534
Chromium	0.164		0.0100	1	12/13/2017 05:38	WG1052534
Cobalt	0.212		0.0100	1	12/13/2017 05:38	WG1052534
Copper	0.566		0.0100	1	12/13/2017 05:38	WG1052534
Lead	0.555		0.00500	1	12/13/2017 05:38	WG1052534
Nickel	0.780		0.0100	1	12/13/2017 05:38	WG1052534
Selenium	0.0123		0.0100	1	12/13/2017 05:38	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:38	WG1052534
Vanadium	0.515		0.0200	1	12/13/2017 05:38	WG1052534
Zinc	2.82		0.0500	1	12/13/2017 05:38	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	ND		0.00200	1	12/16/2017 21:43	WG1052833
Arsenic	0.217		0.00200	1	12/15/2017 20:18	WG1052833
Thallium	0.0195		0.00200	1	12/16/2017 21:43	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Acenaphthene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Acenaphthylene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Benzo(a)anthracene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Benzo(a)pyrene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Benzo(b)fluoranthene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Benzo(g,h,i)perylene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Benzo(k)fluoranthene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Chrysene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Dibenz(a,h)anthracene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Fluoranthene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Fluorene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Naphthalene	ND		0.000285	1.14	12/14/2017 23:57	WG1052776
Phenanthrene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
Pyrene	ND		0.0000570	1.14	12/14/2017 23:57	WG1052776
1-Methylnaphthalene	ND		0.000285	1.14	12/14/2017 23:57	WG1052776
2-Methylnaphthalene	ND		0.000285	1.14	12/14/2017 23:57	WG1052776
2-Chloronaphthalene	ND		0.000285	1.14	12/14/2017 23:57	WG1052776
(S) Nitrobenzene-d5	*87.6*		*31.0-160*		*12/14/2017 23:57*	WG1052776
(S) 2-Fluorobiphenyl	*96.3*		*48.0-148*		*12/14/2017 23:57*	WG1052776
(S) p-Terphenyl-d14	*83.0*		*37.0-146*		*12/14/2017 23:57*	WG1052776

Sample Narrative:

L956532-66 WG1052776: Dilution due to sample volume

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00112		0.000200	1	12/13/2017 12:26	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	41.3		0.200	1	12/13/2017 05:41	WG1052534
Barium	0.961		0.00500	1	12/13/2017 05:41	WG1052534
Beryllium	0.00384		0.00200	1	12/13/2017 05:41	WG1052534
Cadmium	0.0110		0.00200	1	12/13/2017 05:41	WG1052534
Chromium	0.0634		0.0100	1	12/13/2017 05:41	WG1052534
Cobalt	0.0592		0.0100	1	12/13/2017 05:41	WG1052534
Copper	0.270		0.0100	1	12/13/2017 05:41	WG1052534
Lead	0.195		0.00500	1	12/13/2017 05:41	WG1052534
Nickel	0.240		0.0100	1	12/13/2017 05:41	WG1052534
Selenium	0.0343		0.0100	1	12/13/2017 05:41	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:41	WG1052534
Vanadium	0.162		0.0200	1	12/13/2017 05:41	WG1052534
Zinc	1.31		0.0500	1	12/13/2017 05:41	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.0128	B	0.00200	1	12/15/2017 20:22	WG1052833
Arsenic	0.569		0.00200	1	12/15/2017 20:22	WG1052833
Thallium	0.0319		0.00200	1	12/15/2017 20:22	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Acenaphthene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Acenaphthylene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Benzo(a)anthracene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Benzo(a)pyrene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Benzo(b)fluoranthene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Benzo(g,h,i)perylene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Benzo(k)fluoranthene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Chrysene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Dibenz(a,h)anthracene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Fluoranthene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Fluorene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Naphthalene	ND		0.000250	1	12/14/2017 22:55	WG1052776
Phenanthrene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
Pyrene	ND		0.0000500	1	12/14/2017 22:55	WG1052776
1-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:55	WG1052776
2-Methylnaphthalene	ND		0.000250	1	12/14/2017 22:55	WG1052776
2-Chloronaphthalene	ND		0.000250	1	12/14/2017 22:55	WG1052776
(S) Nitrobenzene-d5	*87.9*		*31.0-160*		*12/14/2017 22:55*	WG1052776
(S) 2-Fluorobiphenyl	*96.5*		*48.0-148*		*12/14/2017 22:55*	WG1052776
(S) p-Terphenyl-d14	*90.0*		*37.0-146*		*12/14/2017 22:55*	WG1052776

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	0.00236		0.000200	1	12/13/2017 12:29	WG1051876

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Aluminum	90.5		0.200	1	12/13/2017 05:45	WG1052534
Barium	3.45		0.00500	1	12/13/2017 05:45	WG1052534
Beryllium	0.00857		0.00200	1	12/13/2017 05:45	WG1052534
Cadmium	0.0203		0.00200	1	12/13/2017 05:45	WG1052534
Chromium	0.142		0.0100	1	12/13/2017 05:45	WG1052534
Cobalt	0.495		0.0100	1	12/13/2017 05:45	WG1052534
Copper	1.46		0.0100	1	12/13/2017 05:45	WG1052534
Lead	2.06		0.00500	1	12/13/2017 05:45	WG1052534
Nickel	0.810		0.0100	1	12/13/2017 05:45	WG1052534
Selenium	0.261		0.0100	1	12/13/2017 05:45	WG1052534
Silver	ND		0.00500	1	12/13/2017 05:45	WG1052534
Vanadium	0.230		0.0200	1	12/13/2017 05:45	WG1052534
Zinc	2.52		0.0500	1	12/13/2017 05:45	WG1052534

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	0.00598	B	0.00200	1	12/15/2017 20:25	WG1052833
Arsenic	0.927		0.00200	1	12/15/2017 20:25	WG1052833
Thallium	0.0566		0.00200	1	12/15/2017 20:25	WG1052833

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Acenaphthene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Acenaphthylene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Benzo(a)anthracene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Benzo(a)pyrene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Benzo(b)fluoranthene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Benzo(g,h,i)perylene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Benzo(k)fluoranthene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Chrysene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Dibenz(a,h)anthracene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Fluoranthene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Fluorene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Indeno(1,2,3-cd)pyrene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Naphthalene	ND		0.000285	1.14	12/15/2017 00:18	WG1052776
Phenanthrene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
Pyrene	ND		0.0000570	1.14	12/15/2017 00:18	WG1052776
1-Methylnaphthalene	ND		0.000285	1.14	12/15/2017 00:18	WG1052776
2-Methylnaphthalene	ND		0.000285	1.14	12/15/2017 00:18	WG1052776
2-Chloronaphthalene	ND		0.000285	1.14	12/15/2017 00:18	WG1052776
(S) Nitrobenzene-d5	*97.5*		*31.0-160*		*12/15/2017 00:18*	WG1052776
(S) 2-Fluorobiphenyl	*106*		*48.0-148*		*12/15/2017 00:18*	WG1052776
(S) p-Terphenyl-d14	*84.5*		*37.0-146*		*12/15/2017 00:18*	WG1052776

Sample Narrative:

L956532-68 WG1052776: Dilution due to sample volume

Method Blank (MB)

(MB) R3273804-1 12/15/17 16:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0			

L956532-01 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-01 12/15/17 16:06 • (DUP) R3273804-3 12/15/17 16:06

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	79.2	76.0	1	4		5

Laboratory Control Sample (LCS)

(LCS) R3273804-2 12/15/17 16:06

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85-115	

Method Blank (MB)

(MB) R3273773-1 12/15/17 10:46

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.002			

L956532-12 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-12 12/15/17 10:46 • (DUP) R3273773-3 12/15/17 10:46

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.1	81.8	1	5		5

Laboratory Control Sample (LCS)

(LCS) R3273773-2 12/15/17 10:46

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85-115	

Method Blank (MB)

(MB) R3273784-1 12/15/17 10:36

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.002			

L956532-27 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-27 12/15/17 10:36 • (DUP) R3273784-3 12/15/17 10:36

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.8	84.9	1	1		5

Laboratory Control Sample (LCS)

(LCS) R3273784-2 12/15/17 10:36

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85-115	

Method Blank (MB)

(MB) R3273775-1 12/15/17 10:13

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.002			

L956532-35 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-35 12/15/17 10:13 • (DUP) R3273775-3 12/15/17 10:13

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.1	83.9	1	0		5

Laboratory Control Sample (LCS)

(LCS) R3273775-2 12/15/17 10:13

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85-115	

Method Blank (MB)

(MB) R3273298-1 12/14/17 14:33

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0			

L956532-46 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-46 12/14/17 14:33 • (DUP) R3273298-3 12/14/17 14:33

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	79.6	81.1	1	2		5

Laboratory Control Sample (LCS)

(LCS) R3273298-2 12/14/17 14:33

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	51.0	102	85-115	

Method Blank (MB)

(MB) R3273692-1 12/15/17 10:42

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0			

L956532-51 Original Sample (OS) • Duplicate (DUP)

(OS) L956532-51 12/15/17 10:42 • (DUP) R3273692-3 12/15/17 10:42

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.0	79.8	1	0		5

Laboratory Control Sample (LCS)

(LCS) R3273692-2 12/15/17 10:42

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85-115	

Method Blank (MB)

(MB) R3272784-1 12/13/17 11:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000049	0.000200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272784-2 12/13/17 11:22 • (LCSD) R3272784-5 12/13/17 11:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	0.00314	0.00301	105	100	80-120			4.31	20

L956501-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956501-01 12/13/17 11:27 • (MS) R3272784-3 12/13/17 11:29 • (MSD) R3272784-4 12/13/17 11:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00301	0.00302	100	101	1	75-125			0.139	20

Method Blank (MB)

(MB) R3272452-1 12/13/17 01:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0028	0.0200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272452-2 12/13/17 01:59 • (LCSD) R3272452-3 12/13/17 02:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.300	0.329	0.271	110	90.4	80-120			19.3	20

L956532-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-01 12/13/17 02:04 • (MS) R3272452-4 12/13/17 02:06 • (MSD) R3272452-5 12/13/17 02:09

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.379	0.182	0.53	0.543	91.7	95.2	1	75-125			2.48	20

Method Blank (MB)

(MB) R3272453-1 12/13/17 03:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0028	0.0200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272453-2 12/13/17 03:15 • (LCSD) R3272453-3 12/13/17 03:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.300	0.324	0.329	108	110	80-120			1.34	20

L956532-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-21 12/13/17 03:25 • (MS) R3272453-4 12/13/17 03:28 • (MSD) R3272453-5 12/13/17 03:30

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.425	0.0764	0.604	0.621	124	128	1	75-125		J5	2.75	20

Method Blank (MB)

(MB) R3272646-1 12/13/17 08:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0028	0.0200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272646-2 12/13/17 08:57 • (LCSD) R3272646-3 12/13/17 09:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.300	0.337	0.323	112	108	80-120			4.39	20

L956532-41 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-41 12/13/17 09:02 • (MS) R3272646-4 12/13/17 09:05 • (MSD) R3272646-5 12/13/17 09:07

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.384	0.550	0.918	1.22	95.7	175	1	75-125		E J3 J5	28.6	20

Method Blank (MB)

(MB) R3273142-1 12/14/17 15:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aluminum	U		3.5	10.0
Antimony	U		0.75	2.00
Arsenic	U		0.65	2.00
Barium	U		0.17	0.500
Beryllium	U		0.07	0.200
Cadmium	U		0.07	0.500
Chromium	U		0.14	1.00
Cobalt	U		0.23	1.00
Copper	U		0.53	2.00
Lead	U		0.19	0.500
Nickel	U		0.49	2.00
Selenium	U		0.74	2.00
Silver	U		0.28	1.00
Thallium	U		0.65	2.00
Vanadium	U		0.24	2.00
Zinc	U		0.59	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3273142-2 12/14/17 15:10 • (LCSD) R3273142-3 12/14/17 15:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Aluminum	1000	985	984	98.5	98.4	80-120			0.0975	20
Antimony	100	96.5	96.9	96.5	96.9	80-120			0.409	20
Arsenic	100	96.8	97.3	96.8	97.3	80-120			0.51	20
Barium	100	102	102	102	102	80-120			0.241	20
Beryllium	100	100	99.7	100	99.7	80-120			0.401	20
Cadmium	100	95.5	95.8	95.5	95.8	80-120			0.343	20
Chromium	100	96.9	97.3	96.9	97.3	80-120			0.381	20
Cobalt	100	100	100	100	100	80-120			0.276	20
Copper	100	97.6	97.6	97.6	97.6	80-120			0.0302	20
Lead	100	96.8	97.0	96.8	97	80-120			0.162	20
Nickel	100	98.6	98.7	98.6	98.7	80-120			0.058	20
Selenium	100	94.8	95.4	94.8	95.4	80-120			0.567	20
Silver	20.0	17.4	17.4	87.2	87.2	80-120			0.0479	20
Thallium	100	96.0	96.4	96	96.4	80-120			0.44	20
Vanadium	100	98.3	98.5	98.3	98.5	80-120			0.174	20
Zinc	100	98.4	98.7	98.4	98.7	80-120			0.223	20

L956532-41 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-41 12/14/17 15:16 • (MS) R3273142-6 12/14/17 15:25 • (MSD) R3273142-7 12/14/17 15:28

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1280	7970	9730	11200	138	255	1	75-125	V	V	14.3	20
Antimony	128	ND	97	99	75.8	77.3	1	75-125			1.96	20
Arsenic	128	26.7	146	158	93.4	103	1	75-125			7.76	20
Barium	128	228	371	469	112	188	1	75-125		J3 J5	23.3	20
Beryllium	128	1.32	122	129	94	99.9	1	75-125			5.99	20
Cadmium	128	1.19	121	129	93.9	100	1	75-125			6.33	20
Chromium	128	20.6	141	146	94.2	97.6	1	75-125			3.02	20
Cobalt	128	12.6	143	152	102	108	1	75-125			5.92	20
Copper	128	56.4	183	192	99	106	1	75-125			4.73	20
Lead	128	223	404	440	141	169	1	75-125	J5	J5	8.64	20
Nickel	128	38.8	164	175	97.5	106	1	75-125			6.71	20
Selenium	128	ND	117	126	90.5	97.4	1	75-125			7.3	20
Silver	25.6	ND	22.2	23.7	86.7	92.5	1	75-125			6.41	20
Thallium	128	ND	114	122	88.7	94.9	1	75-125			6.74	20
Vanadium	128	24.9	144	154	92.9	101	1	75-125			6.61	20
Zinc	128	467	620	728	119	204	1	75-125		J5	16	20

Method Blank (MB)

(MB) R3272829-1 12/13/17 17:28

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aluminum	8.32	J	3.5	10.0
Antimony	U		0.75	2.00
Arsenic	U		0.65	2.00
Barium	U		0.17	0.500
Beryllium	U		0.07	0.200
Cadmium	U		0.07	0.500
Chromium	U		0.14	1.00
Cobalt	U		0.23	1.00
Copper	U		0.53	2.00
Lead	U		0.19	0.500
Nickel	U		0.49	2.00
Selenium	U		0.74	2.00
Silver	U		0.28	1.00
Thallium	U		0.65	2.00
Vanadium	U		0.24	2.00
Zinc	U		0.59	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272829-2 12/13/17 17:31 • (LCSD) R3272829-3 12/13/17 17:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Aluminum	1000	997	989	99.7	98.9	80-120			0.802	20
Antimony	100	96.1	96.2	96.1	96.2	80-120			0.127	20
Arsenic	100	94.1	94.7	94.1	94.7	80-120			0.554	20
Barium	100	96.1	96.5	96.1	96.5	80-120			0.335	20
Beryllium	100	95.3	94.1	95.3	94.1	80-120			1.21	20
Cadmium	100	96.0	96.7	96	96.7	80-120			0.734	20
Chromium	100	94.6	94.5	94.6	94.5	80-120			0.106	20
Cobalt	100	99.0	99.6	99	99.6	80-120			0.623	20
Copper	100	96.0	96.2	96	96.2	80-120			0.234	20
Lead	100	94.1	94.5	94.1	94.5	80-120			0.38	20
Nickel	100	94.6	94.9	94.6	94.9	80-120			0.279	20
Selenium	100	95.8	97.2	95.8	97.2	80-120			1.44	20
Silver	20.0	19.2	19.4	95.9	96.8	80-120			0.95	20
Thallium	100	95.2	95.4	95.2	95.4	80-120			0.163	20
Vanadium	100	102	99.4	102	99.4	80-120			2.35	20
Zinc	100	91.6	91.9	91.6	91.9	80-120			0.287	20

L956532-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-04 12/13/17 17:37 • (MS) R3272829-6 12/13/17 17:47 • (MSD) R3272829-7 12/13/17 17:50

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1070	1380	2390	2670	93.7	120	1	75-125			11.2	20
Antimony	107	ND	103	114	96	106	1	75-125			10.2	20
Arsenic	107	3.80	112	123	101	111	1	75-125			9.58	20
Barium	107	22.7	119	140	90	109	1	75-125			15.7	20
Beryllium	107	ND	98.1	107	91.4	100	1	75-125			9.06	20
Cadmium	107	ND	112	124	104	115	1	75-125			10.1	20
Chromium	107	5.39	99.1	109	87.3	96.5	1	75-125			9.48	20
Cobalt	107	1.07	107	119	99.1	109	1	75-125			9.86	20
Copper	107	4.82	116	127	103	113	1	75-125			8.81	20
Lead	107	9.88	108	120	91.6	102	1	75-125			10.1	20
Nickel	107	7.41	106	117	92.2	102	1	75-125			9.84	20
Selenium	107	ND	112	124	105	116	1	75-125			10.2	20
Silver	21.5	ND	22.8	24.9	106	116	1	75-125			8.56	20
Thallium	107	ND	100	111	93.2	104	1	75-125			10.8	20
Vanadium	107	9.38	115	127	98.7	109	1	75-125			9.38	20
Zinc	107	18.4	100	115	76.2	89.7	1	75-125			13.5	20

Method Blank (MB)

(MB) R3272831-1 12/13/17 19:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aluminum	U		3.5	10.0
Antimony	U		0.75	2.00
Arsenic	U		0.65	2.00
Barium	U		0.17	0.500
Beryllium	U		0.07	0.200
Cadmium	U		0.07	0.500
Chromium	U		0.14	1.00
Cobalt	U		0.23	1.00
Copper	U		0.53	2.00
Lead	U		0.19	0.500
Nickel	U		0.49	2.00
Selenium	U		0.74	2.00
Silver	U		0.28	1.00
Thallium	U		0.65	2.00
Vanadium	U		0.24	2.00
Zinc	U		0.59	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272831-2 12/13/17 19:14 • (LCSD) R3272831-3 12/13/17 19:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Aluminum	1000	980	1040	98	104	80-120			5.61	20
Antimony	100	93.4	98.8	93.4	98.8	80-120			5.62	20
Arsenic	100	92.2	97.4	92.2	97.4	80-120			5.46	20
Barium	100	94.4	99.4	94.4	99.4	80-120			5.17	20
Beryllium	100	93.2	98.3	93.2	98.3	80-120			5.32	20
Cadmium	100	94.0	98.7	94	98.7	80-120			4.86	20
Chromium	100	91.8	96.1	91.8	96.1	80-120			4.6	20
Cobalt	100	96.8	102	96.8	102	80-120			4.96	20
Copper	100	93.6	98.3	93.6	98.3	80-120			4.89	20
Lead	100	92.0	96.4	92	96.4	80-120			4.69	20
Nickel	100	92.3	96.9	92.3	96.9	80-120			4.88	20
Selenium	100	94.2	99.1	94.2	99.1	80-120			4.99	20
Silver	20.0	18.7	19.7	93.4	98.5	80-120			5.3	20
Thallium	100	93.4	97.8	93.4	97.8	80-120			4.68	20
Vanadium	100	101	105	101	105	80-120			4.05	20
Zinc	100	89.1	93.7	89.1	93.7	80-120			5.06	20

L956532-28 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-28 12/13/17 19:20 • (MS) R3272831-6 12/13/17 19:30 • (MSD) R3272831-7 12/13/17 19:33

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	1180	7990	10400	9900	208	162	1	75-125	V	V	5.34	20
Antimony	118	ND	64.6	76.4	53.9	63.8	1	75-125	J6	J6	16.7	20
Arsenic	118	23.5	124	140	85.2	98.3	1	75-125			11.7	20
Barium	118	539	819	688	237	126	1	75-125	V	V	17.4	20
Beryllium	118	0.582	104	116	87.7	97.3	1	75-125			10.4	20
Cadmium	118	8.26	121	141	95	112	1	75-125			15.6	20
Chromium	118	32.5	134	144	85.4	94.1	1	75-125			7.42	20
Cobalt	118	9.87	126	137	97.9	108	1	75-125			8.92	20
Copper	118	82.3	188	225	89.7	121	1	75-125			17.6	20
Lead	118	677	753	854	64.2	149	1	75-125	V	V	12.5	20
Nickel	118	29.5	135	149	89.4	101	1	75-125			9.84	20
Selenium	118	ND	111	124	92.8	104	1	75-125			11.4	20
Silver	23.7	ND	22.9	25.9	96.8	109	1	75-125			12.3	20
Thallium	118	ND	107	116	90.3	98.4	1	75-125			8.51	20
Vanadium	118	24.1	137	147	95.2	104	1	75-125			7.32	20
Zinc	118	1590	1580	2290	0	591	1	75-125	V	E J3 V	36.9	20

Method Blank (MB)

(MB) R3272451-1 12/13/17 04:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Aluminum	U		0.035	0.200
Barium	U		0.0017	0.00500
Beryllium	U		0.0007	0.00200
Cadmium	U		0.0007	0.00200
Chromium	U		0.0014	0.0100
Cobalt	U		0.0023	0.0100
Copper	U		0.0053	0.0100
Lead	U		0.0019	0.00500
Nickel	U		0.0049	0.0100
Selenium	U		0.0074	0.0100
Silver	U		0.0028	0.00500
Vanadium	0.0051	J	0.0024	0.0200
Zinc	U		0.0059	0.0500

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3272451-2 12/13/17 04:17 • (LCSD) R3272451-3 12/13/17 04:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Aluminum	10.0	9.97	9.95	99.7	99.5	80-120			0.207	20
Barium	1.00	1.04	1.04	104	104	80-120			0.709	20
Beryllium	1.00	1.00	1.00	100	100	80-120			0.307	20
Cadmium	1.00	0.968	0.975	96.8	97.5	80-120			0.668	20
Chromium	1.00	0.992	0.992	99.2	99.2	80-120			0.0198	20
Cobalt	1.00	1.02	1.02	102	102	80-120			0.581	20
Copper	1.00	0.980	0.983	98	98.3	80-120			0.264	20
Lead	1.00	0.991	0.997	99.1	99.7	80-120			0.599	20
Nickel	1.00	1.00	1.01	100	101	80-120			0.348	20
Selenium	1.00	0.966	0.969	96.6	96.9	80-120			0.23	20
Silver	0.200	0.185	0.184	92.4	92.2	80-120			0.18	20
Vanadium	1.00	1.00	0.998	100	99.8	80-120			0.27	20
Zinc	1.00	0.998	1.00	99.8	100	80-120			0.515	20

L956348-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956348-12 12/13/17 04:23 • (MS) R3272451-5 12/13/17 04:30 • (MSD) R3272451-6 12/13/17 04:33

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aluminum	10.0	0.300	10.2	10.3	99.1	100	1	75-125			0.988	20
Barium	1.00	0.262	1.27	1.27	100	101	1	75-125			0.449	20
Beryllium	1.00	U	1.01	1.02	101	102	1	75-125			1.04	20
Cadmium	1.00	U	0.991	0.999	99.1	99.9	1	75-125			0.855	20
Chromium	1.00	0.00210	0.975	0.981	97.3	97.8	1	75-125			0.584	20
Cobalt	1.00	U	1.04	1.05	104	105	1	75-125			1.07	20
Copper	1.00	U	1.00	1.01	100	101	1	75-125			0.861	20
Lead	1.00	0.00601	1.01	1.02	101	101	1	75-125			0.691	20
Nickel	1.00	U	1.03	1.04	103	104	1	75-125			0.733	20
Selenium	1.00	U	1.00	1.01	100	101	1	75-125			0.59	20
Silver	0.200	U	0.189	0.191	94.5	95.6	1	75-125			1.1	20
Vanadium	1.00	0.0123	0.993	1.02	98	100	1	75-125			2.23	20
Zinc	1.00	U	0.975	0.980	97.5	98	1	75-125			0.551	20

Method Blank (MB)

(MB) R3273521-1 12/15/17 19:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony	0.00142	J	0.000754	0.00200
Arsenic	U		0.00025	0.00200
Thallium	U		0.00019	0.00200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3273521-2 12/15/17 19:15 • (LCSD) R3273521-3 12/15/17 19:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Antimony	0.0500	0.0529	0.0527	106	105	80-120			0.414	20
Arsenic	0.0500	0.0509	0.0506	102	101	80-120			0.711	20
Thallium	0.0500	0.0482	0.0481	96.3	96.3	80-120			0.0233	20

L956923-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956923-02 12/15/17 19:22 • (MS) R3273521-5 12/15/17 19:30 • (MSD) R3273521-6 12/15/17 19:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	0.0500	ND	0.0539	0.0545	105	106	1	75-125			1.03	20
Arsenic	0.0500	ND	0.0507	0.0512	101	102	1	75-125			0.803	20
Thallium	0.0500	ND	0.0493	0.0499	98.6	99.8	1	75-125			1.23	20

Method Blank (MB)

(MB) R3273611-1 12/14/17 18:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	0.0000222	J	0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*81.3*			*31.0-160*
(S) 2-Fluorobiphenyl	*90.6*			*48.0-148*
(S) p-Terphenyl-d14	*90.2*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3273611-2 12/14/17 19:07 • (LCSD) R3273611-3 12/14/17 19:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00187	0.00177	93.4	88.5	64.0-142			5.45	20
Acenaphthene	0.00200	0.00192	0.00183	96.0	91.7	66.0-132			4.58	20
Acenaphthylene	0.00200	0.00193	0.00183	96.4	91.5	65.0-132			5.16	20
Benzo(a)anthracene	0.00200	0.00177	0.00164	88.6	82.0	59.0-134			7.65	20
Benzo(a)pyrene	0.00200	0.00167	0.00153	83.7	76.5	61.0-145			8.98	20
Benzo(b)fluoranthene	0.00200	0.00161	0.00147	80.6	73.7	57.0-136			9.04	20
Benzo(g,h,i)perylene	0.00200	0.00144	0.00126	71.8	62.9	54.0-140			13.1	20
Benzo(k)fluoranthene	0.00200	0.00185	0.00173	92.3	86.3	57.0-141			6.65	20
Chrysene	0.00200	0.00189	0.00177	94.6	88.3	63.0-140			6.86	20
Dibenz(a,h)anthracene	0.00200	0.00149	0.00128	74.3	63.8	49.0-141			15.2	20
Fluoranthene	0.00200	0.00207	0.00194	104	96.9	65.0-143			6.61	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3273611-2 12/14/17 19:07 • (LCSD) R3273611-3 12/14/17 19:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00193	0.00183	96.5	91.4	64.0-129			5.43	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00151	0.00133	75.7	66.4	53.0-141			13.1	20
Naphthalene	0.00200	0.00172	0.00160	86.0	80.1	68.0-129			7.10	20
Phenanthrene	0.00200	0.00185	0.00174	92.4	87.2	62.0-132			5.87	20
Pyrene	0.00200	0.00179	0.00170	89.7	85.2	58.0-156			5.18	20
1-Methylnaphthalene	0.00200	0.00197	0.00184	98.5	92.1	68.0-137			6.74	20
2-Methylnaphthalene	0.00200	0.00186	0.00174	93.0	86.8	68.0-134			6.90	20
2-Chloronaphthalene	0.00200	0.00185	0.00175	92.5	87.6	65.0-129			5.40	20
(S) Nitrobenzene-d5				*89.9*	*86.4*	*31.0-160*				
(S) 2-Fluorobiphenyl				*98.9*	*94.4*	*48.0-148*				
(S) p-Terphenyl-d14				*91.3*	*85.4*	*37.0-146*				

Method Blank (MB)

(MB) R3274231-3 12/18/17 11:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*57.0*			*14.0-149*
(S) 2-Fluorobiphenyl	*88.3*			*34.0-125*
(S) p-Terphenyl-d14	*92.9*			*23.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3274231-1 12/18/17 10:40 • (LCSD) R3274231-2 12/18/17 11:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0786	0.0772	98.3	96.5	50.0-125			1.83	20
Acenaphthene	0.0800	0.0701	0.0692	87.7	86.5	52.0-120			1.38	20
Acenaphthylene	0.0800	0.0726	0.0718	90.7	89.7	51.0-120			1.07	20
Benzo(a)anthracene	0.0800	0.0691	0.0690	86.4	86.3	46.0-121			0.0719	20
Benzo(a)pyrene	0.0800	0.0734	0.0721	91.8	90.1	42.0-121			1.87	20
Benzo(b)fluoranthene	0.0800	0.0697	0.0673	87.1	84.1	42.0-123			3.52	20
Benzo(g,h,i)perylene	0.0800	0.0758	0.0743	94.7	92.9	43.0-128			2.02	20
Benzo(k)fluoranthene	0.0800	0.0821	0.0824	103	103	45.0-128			0.392	20
Chrysene	0.0800	0.0798	0.0756	99.7	94.5	48.0-127			5.33	20
Dibenz(a,h)anthracene	0.0800	0.0769	0.0748	96.1	93.5	43.0-132			2.74	20
Fluoranthene	0.0800	0.0731	0.0721	91.4	90.1	49.0-129			1.41	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3274231-1 12/18/17 10:40 • (LCSD) R3274231-2 12/18/17 11:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0754	0.0741	94.3	92.7	50.0-120			1.75	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0780	0.0761	97.5	95.1	44.0-131			2.55	20
Naphthalene	0.0800	0.0688	0.0682	86.0	85.3	50.0-120			0.803	20
Phenanthrene	0.0800	0.0696	0.0678	87.0	84.7	48.0-120			2.60	20
Pyrene	0.0800	0.0794	0.0771	99.2	96.4	48.0-135			2.86	20
1-Methylnaphthalene	0.0800	0.0723	0.0748	90.3	93.5	52.0-122			3.40	20
2-Methylnaphthalene	0.0800	0.0684	0.0663	85.5	82.9	52.0-120			3.14	20
2-Chloronaphthalene	0.0800	0.0757	0.0748	94.7	93.5	50.0-120			1.23	20
(S) Nitrobenzene-d5				*81.2*	*74.7*	*14.0-149*				
(S) 2-Fluorobiphenyl				*99.5*	*92.6*	*34.0-125*				
(S) p-Terphenyl-d14				*95.0*	*92.3*	*23.0-120*				

L956532-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-18 12/18/17 16:22 • (MS) R3274231-4 12/18/17 16:46 • (MSD) R3274231-5 12/18/17 17:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0985	0.420	3.73	1.01	3360	604	1	20.0-136	V	J3 V	114	24
Acenaphthene	0.0985	0.0807	1.76	0.364	1710	288	1	29.0-124	J5	J3 J5	131	20
Acenaphthylene	0.0985	ND	0.0749	0.0796	76.1	80.8	1	35.0-120			6.08	20
Benzo(a)anthracene	0.0985	1.43	6.19	2.27	4830	852	1	13.0-132	E V	J3 V	92.5	27
Benzo(a)pyrene	0.0985	1.21	5.61	1.86	4460	659	1	14.0-138	E V	J3 V	100	27
Benzo(b)fluoranthene	0.0985	1.66	6.75	2.39	5170	743	1	10.0-129	E V	J3 V	95.4	31
Benzo(k)fluoranthene	0.0985	0.571	2.50	0.869	1950	303	1	15.0-131	V	J3 V	96.7	27
Chrysene	0.0985	1.39	5.56	2.07	4230	685	1	15.0-137	E V	J3 V	91.6	25
Dibenz(a,h)anthracene	0.0985	0.241	1.11	0.418	882	180	1	15.0-132	J5	J3 J5	90.5	27
Fluoranthene	0.0985	2.87	14.3	4.78	11600	1930	1	13.0-139	E V	J3 V	100	28
Fluorene	0.0985	0.121	1.68	0.413	1580	297	1	27.0-122	J5	J3 J5	121	22
Indeno(1,2,3-cd)pyrene	0.0985	0.716	2.89	1.08	2210	368	1	11.0-133	V	J3 V	91.4	29
Naphthalene	0.0985	0.0756	0.640	0.194	573	120	1	18.0-136	J5	J3	107	21
Phenanthrene	0.0985	1.60	13.1	3.40	11700	1830	1	15.0-133	E V	J3 V	118	25
Pyrene	0.0985	2.54	12.1	4.15	9730	1630	1	11.0-146	E V	J3 V	98.0	29
1-Methylnaphthalene	0.0985	0.0727	0.554	0.194	489	123	1	24.0-137	J5	J3	96.4	22
2-Methylnaphthalene	0.0985	0.0779	0.527	0.188	456	112	1	23.0-136	J5	J3	94.7	22
2-Chloronaphthalene	0.0985	ND	0.0672	0.0871	68.2	88.4	1	36.0-120		J3	25.7	20
(S) Nitrobenzene-d5					*58.5*	*61.3*		*14.0-149*				
(S) 2-Fluorobiphenyl					*75.4*	*82.4*		*34.0-125*				
(S) p-Terphenyl-d14					*72.7*	*81.4*		*23.0-120*				

L956532-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-18 12/20/17 12:52 • (MS) R3274967-1 12/20/17 13:14 • (MSD) R3274967-2 12/20/17 13:36

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzo(g,h,i)perylene	0.0985	0.725	2.89	1.11	2200	389	10	10.0-133	V	J3 V	89.1	30
(S) Nitrobenzene-d5					*60.5*	*61.8*		*14.0-149*				
(S) 2-Fluorobiphenyl					*60.3*	*61.9*		*34.0-125*				
(S) p-Terphenyl-d14					*63.4*	*60.1*		*23.0-120*				

Method Blank (MB)

(MB) R3274293-3 12/18/17 23:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	0.000842	J	0.000600	0.00600
Benzo(g,h,i)perylene	0.000749	J	0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	0.00210	J	0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*50.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*79.1*			*34.0-125*
(S) p-Terphenyl-d14	*80.2*			*23.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3274293-1 12/18/17 23:08 • (LCSD) R3274293-2 12/18/17 23:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0676	0.0743	84.5	92.9	50.0-125			9.45	20
Acenaphthene	0.0800	0.0593	0.0659	74.1	82.4	52.0-120			10.5	20
Acenaphthylene	0.0800	0.0578	0.0641	72.3	80.1	51.0-120			10.3	20
Benzo(a)anthracene	0.0800	0.0600	0.0655	75.0	81.9	46.0-121			8.77	20
Benzo(a)pyrene	0.0800	0.0622	0.0678	77.7	84.8	42.0-121			8.66	20
Benzo(b)fluoranthene	0.0800	0.0630	0.0699	78.8	87.4	42.0-123			10.3	20
Benzo(g,h,i)perylene	0.0800	0.0643	0.0701	80.3	87.6	43.0-128			8.64	20
Benzo(k)fluoranthene	0.0800	0.0664	0.0737	83.0	92.1	45.0-128			10.4	20
Chrysene	0.0800	0.0693	0.0758	86.7	94.8	48.0-127			8.95	20
Dibenz(a,h)anthracene	0.0800	0.0643	0.0715	80.4	89.4	43.0-132			10.6	20
Fluoranthene	0.0800	0.0713	0.0778	89.1	97.2	49.0-129			8.74	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3274293-1 12/18/17 23:08 • (LCSD) R3274293-2 12/18/17 23:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0568	0.0627	70.9	78.4	50.0-120			9.96	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0675	0.0741	84.3	92.6	44.0-131			9.39	20
Naphthalene	0.0800	0.0605	0.0673	75.6	84.1	50.0-120			10.6	20
Phenanthrene	0.0800	0.0635	0.0695	79.4	86.8	48.0-120			8.94	20
Pyrene	0.0800	0.0617	0.0677	77.2	84.6	48.0-135			9.21	20
1-Methylnaphthalene	0.0800	0.0665	0.0740	83.1	92.5	52.0-122			10.7	20
2-Methylnaphthalene	0.0800	0.0622	0.0702	77.8	87.7	52.0-120			12.0	20
2-Chloronaphthalene	0.0800	0.0601	0.0671	75.1	83.9	50.0-120			11.0	20
(S) Nitrobenzene-d5				*48.9*	*51.5*	*14.0-149*				
(S) 2-Fluorobiphenyl				*77.5*	*82.0*	*34.0-125*				
(S) p-Terphenyl-d14				*77.8*	*79.4*	*23.0-120*				

L956532-45 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L956532-45 12/19/17 04:20 • (MS) R3274293-4 12/19/17 04:43 • (MSD) R3274293-5 12/19/17 05:05

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0907	0.189	0.271	0.183	90.3	0.000	1	20.0-136		J3 J6	38.9	24
Acenaphthene	0.0907	0.0526	0.136	0.0988	91.5	50.9	1	29.0-124		J3	31.5	20
Acenaphthylene	0.0907	ND	0.0691	0.0649	73.9	69.3	1	35.0-120			6.31	20
Benzo(a)anthracene	0.0907	0.426	0.536	0.385	121	0.000	1	13.0-132		J3 V	32.7	27
Benzo(a)pyrene	0.0907	0.354	0.440	0.337	95.0	0.000	1	14.0-138		J6	26.6	27
Benzo(b)fluoranthene	0.0907	0.503	0.586	0.427	92.2	0.000	1	10.0-129		J3 V	31.5	31
Benzo(g,h,i)perylene	0.0907	0.225	0.291	0.234	73.1	10.9	1	10.0-133			21.5	30
Benzo(k)fluoranthene	0.0907	0.158	0.222	0.225	70.5	73.3	1	15.0-131			1.15	27
Chrysene	0.0907	0.420	0.522	0.400	113	0.000	1	15.0-137		J3 V	26.5	25
Dibenz(a,h)anthracene	0.0907	0.0598	0.121	0.101	67.1	45.9	1	15.0-132			17.3	27
Fluoranthene	0.0907	0.983	1.06	0.814	88.3	0.000	1	13.0-139		V	26.5	28
Fluorene	0.0907	0.0574	0.124	0.0988	73.0	45.6	1	27.0-122		J3	22.4	22
Indeno(1,2,3-cd)pyrene	0.0907	0.190	0.267	0.217	84.5	30.1	1	11.0-133			20.4	29
Naphthalene	0.0907	0.0334	0.101	0.0959	74.1	68.9	1	18.0-136			4.75	21
Phenanthrene	0.0907	0.698	0.749	0.547	56.1	0.000	1	15.0-133		J3 V	31.1	25
Pyrene	0.0907	0.762	0.879	0.629	129	0.000	1	11.0-146		J3 V	33.2	29
1-Methylnaphthalene	0.0907	0.0357	0.123	0.106	96.5	77.8	1	24.0-137			14.8	22
2-Methylnaphthalene	0.0907	0.0322	0.112	0.103	87.8	77.9	1	23.0-136			8.36	22
2-Chloronaphthalene	0.0907	ND	0.0675	0.0649	74.4	71.5	1	36.0-120			3.98	20
(S) Nitrobenzene-d5					*48.5*	*49.3*		*14.0-149*				
(S) 2-Fluorobiphenyl					*79.0*	*74.3*		*34.0-125*				
(S) p-Terphenyl-d14					*84.2*	*78.5*		*23.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660
Alaska	UST-080
Arizona	AZ0612
Arkansas	88-0469
California	01157CA
Colorado	TN00003
Conneticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia [1]	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
Iowa	364
Kansas	E-10277
Kentucky [1]	90010
Kentucky [2]	16
Louisiana	AI30792
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086
Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey–NELAP	TN002
New Mexico	TN00003
New York	11742
North Carolina	Env375
North Carolina [1]	DW21704
North Carolina [2]	41
North Dakota	R-140
Ohio–VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	221
South Carolina	84004
South Dakota	n/a
Tennessee [1 4]	2006
Texas	T 104704245-07-TX
Texas [5]	LAB0152
Utah	6157585858
Vermont	VT2006
Virginia	109
Washington	C1915
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

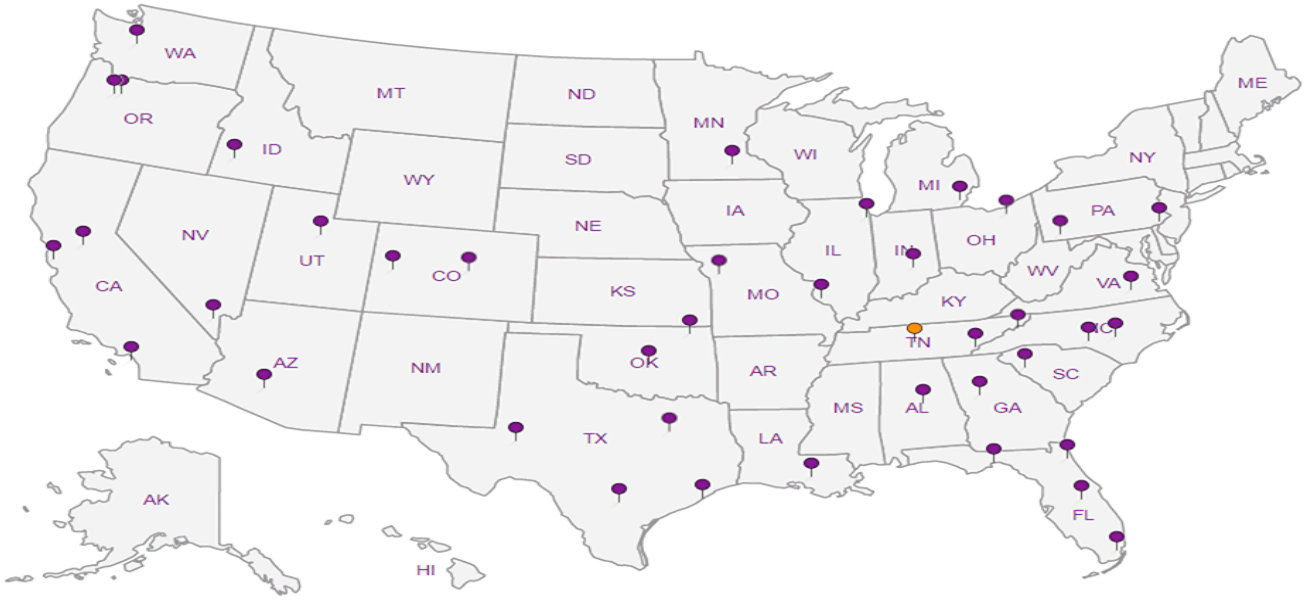
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01
A2LA – ISO 17025 [5]	1461.02
Canada	1461.01
EPA–Crypto	TN00003
AIHA-LAP,LLC	100789
DOD	1461.01
USDA	S-67674

[1.] Drinking Water [2.] Underground Storage Tanks [3.] Aquatic Toxicity [4.] Chemical/Microbiological [5.] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Chain of Custody Page 1 of 8

ESC L·A·B S·C·I·E·N·C·E·S

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Pres Chk

Report to: Mr. Michael Lacher

Email To: mlacher@gci2000.com

Project Description: City of Bexley

City/State Collected: Bexley, OH

Phone: 614-839-1258
Fax:

Client Project #: 17-E-21430

Lab Project #: GCICOLOH-LACHER

Collected by (print): LACHER

Site/Facility ID #:

P.O. #:

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y (circled)

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #: GCICOLOH-083117L

Date Results Needed: Std

L# 956532
D072

Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: AB 11-29-17
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres							Remarks	Sample # (lab only)
EB-1 0'	Grab	SS		12/7/17	0910	1				X								-01
EB-2 0'	↓	SS		↓	1000	1				X								-02
EB-3 0'		SS			1040	1				X								-03
EB-4 0'		SS			1145	1				X								-04
EB-5 0'		SS			1230	1				X								-05
EB-6 0'		SS			1315	1				X								-06
EB-7 0'		SS			1356	1				X								-07
EB-8 0'		SS			1440	1				X								-08
EB-9 0'		SS			1515	1				X								-09
EB-10 0'		SS		12/8/17	0910	1				X								-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other______

Remarks: Ohio VAP QA/QC

pH ______ Temp ______
Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier __ ______

Tracking # 4094 8308 5792

Sample Receipt Checklist
COC Seal Present/Intact: __NP _✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No (circled) HCL / MeoH TBR
[signature]	12/8/17	1600		

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:	If preservation required by Login: Date/Time
				0.2	132	

Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature] 861	12/9/17	08:45		OK

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher
Email To: mlacher@gci2000.com

Project Description: City of Bexley
City/State Collected: Bexley, OH

Phone: 614-839-1258
Fax:

Client Project #: 17-E-21432
Lab Project #: GCICOLOH-LACHER

Collected by (print): LACHER
Site/Facility ID #:
P.O. #:

Collected by (signature):
Immediately Packed on Ice N ___ Y (X)

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #: GCIOAH-083172
Date Results Needed: Std.

Chain of Custody — ESC LABORATORIES
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532
Table #
Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: 11-29-17
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-11 0'	Grab	SS		12/8/17	0955	1				X		-11
EB-12 0'		SS			1040	1				X		-12
EB-13 0'		SS			1120	1				X		-13
EB-14 0'		SS			1135	1				X		-14
EB-15 0'		SS			1155	1				X		-15
EB-16 0'		SS			1205	1				X		-16
		SS				1				X		
		SS				1				X		
		SS				1				X		
		SS				2		X		X		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: Ohio VAP QA/QC

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS __ FedEx __ Courier __ ____
Tracking # 4094 8308 5807

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
	12/8/17	1600		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2 °C Bottles Received: 132 — If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/4/17 Time: 0845 — Hold: — Condition NCF / OK

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher
Email To: mlacher@gci2000.com

Project Description: City of Bexley
City/State Collected: Bexley, OH
Phone: 614-839-1258
Fax:
Client Project # 17-E-21430
Lab Project # GCICOLOH-LACHER
Collected by (print): LACHER
Site/Facility ID #
P.O. #
Collected by (signature):
Immediately Packed on Ice N ___ Y ___
Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Quote # GCLACOH-083171
Date Results Needed Std

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532
Table #
Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: HS 11-29-17
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-1 4'	Grab	SS		12/1/17	0910	2		X		X		-17
EB-1 8'		SS			"	2		X		X		-18
EB-1 12'		SS			"	2		X		X		-19
EB-2 4'		SS			1000	2		X		X		-20
EB-2 8'		SS			"	2		X		X		-21
EB-2 12'		SS			"	2		X		X		-22
EB-3 4'		SS			1040	2		X		X		-23
EB-3 8'		SS			"	2		X		X		-24
EB-3 12'		SS			"	2		X		X		-25
EB-4 4'		SS			1115	2		X		X		-26

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Chro VAP only

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 7474 0926 7549

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
	12/6/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2 °C Bottles Received: 132
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/9/17 Time: 0845
				Hold: Condition: NCF / OK

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher
Email To: mlacher@gci2000.com

Project Description: City of Bexley
City/State Collected: Bexley, OH
Phone: 614-839-1258
Fax:
Client Project # 17-E-21430
Lab Project # GCICOLOH-LACHER
Collected by (print): LACHER
Site/Facility ID #
P.O. #
Collected by (signature):
Immediately Packed on Ice N ___ (Y)
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote # GCIarch-083174
Date Results Needed Std

Chain of Custody Page 1 of 8

ESC LABORATORY SCIENCES
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12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532
Table #
Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: MS 11-29-17
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-4 8'	Grab	SS		12/7/17	1145	2		X		X		-27
EB-4 12'	"	SS		"	"	2		X		X		-28
EB-5 4'	"	SS		"	1230	2		X		X		-29
EB-5 8'	"	SS		"	"	2		X		X		-30
EB-5 12'	"	SS		"	"	2		X		X		-31
EB-6 4'	"	SS		"	1315	2		X		X		-32
EB-6 8'	"	SS		"	"	2		X		X		-33
EB-6 12'	"	SS		"	"	2		X		X		-34
EB-7 4'	"	SS		"	1355	2		X		X		-35
EB-7 8'	"	SS		"	"	2		X		X		-36

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Ohio VAP OH/OC

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier __ _____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
	12/8/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2°C Bottles Received: 132 — If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/9/17 Time: 0845 — Hold: — Condition: NCF / OK

Chain of Custody Page 5 of 6

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Pres Chk

Report to: Mr. Michael Lacher

Email To: mlacher@gci2000.com

Project Description: City of Bexley

City/State Collected: Bexley, OH

Phone: 614-839-1258
Fax:

Client Project # M-E-21430

Lab Project # GCICOLOH-LACHER

Collected by (print): LACHER

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y (circled)

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # GCICOLOH-083117

Date Results Needed: Std.

L# 956532

Table #

Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: 11-29-17
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres							Remarks	Sample # (lab only)
EB-7 12'	Grab	SS		12/7/17	1355	2		X		X								-37
EB-8 4'		SS			1440	2		X		X								-38
EB-8 8'		SS			"	2		X		X								-39
EB-8 12'		SS			"	2		X		X								-40
EB9 4'		SS			1515	2		X		X								-41
EB9 8'		SS			"	2		X		X								-42
EB-9 12'		SS			"	2		X		X								-43
EB-10 4'		SS		12/8/17	0910	2		X		X								-44
EB-10 8'		SS		"	"	2		X		X								-45
EB-10 12'		SS		"	"	2		X		X								-46

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ________

Remarks: Ohio VAP QA/QC

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier __ ______

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No (circled) HCL / MeoH TBR	
[signature]	12/8/17	1600			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2 °C Bottles Received: 132	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature] 861	Date: 12/9/17 Time: 0845	Hold: Condition: NCF / OK

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher

Email To: mlacher@gci2000.com

Project Description: City of Bexley

City/State Collected: Bexley, OH

Phone: 614-839-1258

Client Project # 17E-21436

Lab Project # GCICOLOH-LACHER

Collected by (print): LACHER

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # GCICOLOH-083117

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-11 4'	G	SS		12/8/17	0955	2		X		X		-47
EB-11 8'		SS			"	2		X		X		-48
EB-11 12'		SS			"	2		X		X		-49
EB-12 4'		SS			1040	2		X		X		-50
EB-12 8'		SS			"	2		X		X		-51
EB-12 12'		SS			"	2		X		X		-52
EB-13 4-6'		SS			1120	2		X		X		-53
EB-14 6-8'		SS			1135	2		X		X		-54
EB-15 2-4'		SS			1155	2		X		X		-55
EB-16 6-8		SS			1205	2		X		X		-56

Chain of Custody

ESC LAB SCIENCES
a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532

Table #

Acctnum: GCICOLOH

Template: T130443

Prelogin: P628633

TSR: 364 - T. Alan Harvill

PB: 11-29-17

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: Ohio VAP QA/QC

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
	12/8/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.2 °C Bottles Received: 132
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/9/17 Time: 0845
			861	Hold:

Condition: NCF (OK)

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher
Email To: mlacher@gci2000.com

Project Description: City of Bexley
City/State Collected: Bexley, OH
Phone: 614-839-1258
Fax:
Client Project #: 17-E-21430
Lab Project #: GCICOLOH-LACHER
Collected by (print): LACHER
Site/Facility ID #:
P.O. #:
Collected by (signature):
Immediately Packed on Ice N ___ Y ___
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #: GCICOLOH-083172
Date Results Needed

Chain of Custody Page 7 of 16

ESC LABORATORIES, a subsidiary of Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532
Table #
Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: 11-29-17
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-1	Grab	GW		12/7/17	0920	3	X		X			-57
EB-2		GW			1010	3	X		X			-58
EB-3		GW			1100	3	X		X			-59
EB-4		GW			1200	3	X		X			-60
EB-5		GW			1240	3	X		X			-61
EB-6		GW			1325	3	X		X			-62
EB-7		GW			1405	3	X		X			-63
EB-8		GW			1450	3	X		X			-64
EB-9		GW			1525	3	X		X			-65
EB-10		GW		12/8/17	0920	3	X		X			-66

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: Ohio VAP GA/BC

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: __ UPS __ FedEx __ Courier __ ___
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	12/8/17	1600	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / (No) HCL / MeoH TBR
Temp: 0.2°C Bottles Received: 132
Date: 12/9/17 Time: 0845

If preservation required by Login: Date/Time
Hold:
Condition: NCF / OK

Geotechnical Consultants, Inc.

720 Greencrest Drive
Westerville, OH 43081

Billing Information:
B. Howard
720 Greencrest Drive
Westerville, OH 43081

Report to: Mr. Michael Lacher
Email To: mlacher@gci2000.com

Project Description: City of Bexley
City/State Collected: Bexley, OH
Phone: 614-839-1258
Fax:
Client Project #: 17-E-2130
Lab Project #: GCICOLOH-LACHER
Collected by (print): LACHER
Site/Facility ID #:
P.O. #:
Collected by (signature): Immediately Packed on Ice N ___ Y ___
Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #: GCICOLOH-083117
Date Results Needed

Chain of Custody

ESC LABORATORIES
a subsidiary of Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 956532
Table #
Acctnum: GCICOLOH
Template: T130443
Prelogin: P628633
TSR: 364 - T. Alan Harvill
PB: HJ 11-29-17
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozClr-NoPres	VAP Mtls 250mlHDPE-HNO3	VAP Mtls, TS 2ozClr-NoPres	Remarks	Sample # (lab only)
EB-11	Grab	GW		12/8/17	1005	3	X		X			-67
EB-12	"	GW		"	1045	3	X		X			-68
		GW				3	X		X			

Analysis / Container / Preservative

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: Ohio VAP QA/QC

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS __ FedEx __ Courier __ ____
Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	12/8/17	1600	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			861

Trip Blank Received: Yes / (No) HCL / MeoH TBR
Temp: 0.2 °C Bottles Received: 132
Date: 12/9/17 Time: 08:45
If preservation required by Login: Date/Time
Hold:
Condition: NCF / OK