Nova Group

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Phase I Environmental Site Assessment

SUBJECT PROPERTY

DARBY VIEW MANUFACTURED HOUSING COMMUNITY
284 EAST SANDUSKY STREET
MECHANICSBURG, OHIO 43044

PREPARED FOR

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NOVA PROJECT NO:	KP25-0491
REPORT DATE:	JANUARY 31, 2025
DATABASE REPORT DATE:	JANUARY 24, 2025
INSPECTION DATE:	JANUARY 22, 2025

Nova Group Carbon Neutral Report

novagroupgbc.com/carbonneutral

Nova Group

Corporate Headquarters
Minneapolis, MN

Inspired Solutions by Nova Group

January 31, 2025

Whiteford Taylor Preston
Attn: Taylor J. Chapman
1021 East Cary Street Suite 1700
Richmond, Virginia 23219

Re: Phase I Environmental Site Assessment Report
Darby View Manufactured Housing Community
284 East Sandusky Street
Mechanicsburg, Ohio 43044
Nova Project No.: KP25-0491

In accordance with our agreement, Nova Group, GBC (Nova) has performed a Phase I Environmental Site Assessment (ESA) of the above referenced Subject Property in conformance with ASTM Designation E1527-21 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM E1527-21). Please find a copy of the report enclosed.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 C.F.R. §312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

We certify that we have no undisclosed interest in the Subject Property, and that our employment and compensation are not contingent upon our findings and opinions. The scope of this assessment, methodology, limiting conditions, and reliance language are outlined within this report.

Respectfully submitted,
NOVA GROUP, GBC
Reviewed by:

Signature for Kristen Rini
Kristen Rini
Field Associate
Environmental Professional

Signature for Marc Weyd, PG
Marc Weyd, PG
Client Manager

Signature for Kevin Pexa

Kevin Pexa
Account Manager

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Project Summary

Nova Group, GBC (Nova) was authorized by Whiteford Taylor Preston, to conduct a Phase I Environmental Site Assessment (ESA) of the Darby View Manufactured Housing Community property located at 284 East Sandusky Street, Mechanicsburg, Ohio ("Subject Property"). Nova has conducted this ESA in conformance with the scope and limitations of ASTM Designation E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." A summary of findings is presented below.

Report Section		No Further Action	REC	CREC	HREC	Other Environmental Considerations	Recommended Action
2.3	Current Subject Property Use	✔					
2.5	Current Use of Adjoining and Surrounding Properties	✔					
3.2	Historical Research	✔					
3.3	Regulatory Database Review	✔					
4.1.1	Hazardous Substances and Petroleum Products in Connection with Identified Uses (Not Equipment)	✔					
4.1.3	Presumed PCB-Containing Items	✔					
4.1.5	Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses	✔					
4.1.6	Standing Surface Water & Pools, or Sumps Containing Liquids Likely To Be Hazardous Substances or Petroleum Products	✔					

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Report Section		No Further Action	REC	CREC	HREC	Other Environmental Considerations	Recommended Action
4.1.7	Pits, Ponds, Lagoons Containing Suspected Hazardous Substances or Petroleum Products	✔					
4.2.1	Current Storage Tanks	✔					
4.2.2	Drums, Totes and Intermediate Bulk Containers	✔					
4.2.3	Unidentified Substance Containers	✔					
4.3	Evidence of a Release	✔					
4.4	Water/Wastewater	✔					
4.5	Solid Waste	✔					
4.6	Drains and Sumps	✔					
4.7	Septic Systems or Cesspools	✔					
4.8	Wells	✔					
4.10	Additional Subject Property Observations	✔					
5.1	Determination of Vapor Migration	✔					
6.1	Asbestos Containing Materials (ACMs)					✔	O&M Program
6.2	Lead-Based Paint (LBP)					✔	O&M Program
6.3	Radon	✔					
6.4	Evidence of Mold	✔					
6.5	Lead in Drinking Water	✔					

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Report Section		No Further Action	REC	CREC	HREC	Other Environmental Considerations	Recommended Action
6.6	Other Environmental Considerations	✔					

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EXECUTIVE SUMMARY

Nova Group, GBC (Nova) was authorized by Whiteford Taylor Preston, to conduct a Phase I Environmental Site Assessment (ESA) of the Darby View Manufactured Housing Community property located at 284 East Sandusky Street, Mechanicsburg, Ohio ("Subject Property"). Nova has conducted this ESA in conformance with the scope and limitations of ASTM Designation ASTM E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The purpose of this ESA is to identify Recognized Environmental Conditions (RECs) in connection with the Subject Property. Findings identified during the course of this ESA resulting in RECs, Controlled Recognized Environmental Conditions (CRECs), Historical Recognized Environmental Conditions (HRECs), Business Environmental Risks (BERs) or *de minimis* conditions are presented in the following summary.

The Subject Property consists of two contiguous tracts of land which form an irregularly-shaped land area totaling 4.4370 acres in size. The Subject Property is currently developed and used as a mobile home park with 33 mobile home pad sites and no permanent structures. The onsite mobile homes were reportedly constructed between 1970 and 2001. Access to the Subject Property parking lots is provided from East Sandusky Street to the southeast. Grass and landscaping is located surrounding the onsite mobile homes and Subject Property perimeters. No other structures or significant surface features were noted on the Subject Property at the time of the reconnaissance.

During the site reconnaissance, the following land uses were observed on properties in the vicinity of the Subject Property:

Current Use of Adjoining and Surrounding Properties		
	Adjoining	**Surrounding**
Northeast	Agricultural land, rural residential structures, and a Verizon Wireless cellular tower (10618 State Route 4) and Family Dollar (286 East Sandusky Street)	Generally agricultural land
Southeast	East Sandusky Street (also referred to as State Route 4), beyond which lies two residences (283 and 285 East Sandusky Street)	Generally residential
Southwest	Residence (284 East Sandusky Street) and Advanced Technology Products (282 East Sandusky Street)	Generally residential and agricultural land
Northwest	A parcel containing agricultural and vacant land, a parking area, and an outbuilding (no associated address)	Generally residential and institutional

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Historical Summary

A historical summary of Subject Property uses derived from available historical resources is presented below.

Summary of Historical Subject Property Uses
The Subject Property appears to have existed as undeveloped land by 1914. By 1944, a residence appears to have been added on the southern portion and by 1959, the Subject Property appears to have consisted of agricultural land with the aforementioned residence. An additional residence or outbuilding appears to have been present by 1965, which was no longer visible by 1970. The Subject Property has been developed with the existing mobile home park since 1970.
Historical Summary Findings
Based on review of historical information, prior uses of the Subject Property such that are expected to have resulted in a REC in connection with the Subject Property were not identified.

Findings and Opinions

Findings and opinions, based on the information obtained during the course of this assessment, are presented in the table below.

Finding(s) and Opinion(s)
Significant Data Gaps
No Significant Data Gaps were identified during the course of this assessment.
RECs
No RECs were identified during the course of this assessment.
CRECs
No CRECs were identified during the course of this assessment.
HRECs
No HRECs were identified during the course of this assessment.
De Minimis Conditions
No *de minimis* conditions were identified during the course of this assessment.
Identified Hazardous Substances / Petroleum Products Not Constituting Environmental Conditions

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Finding(s) and Opinion(s)
This assessment did not identify features, activities, uses, and/or conditions that may indicate the presence or likely presence of used or stored hazardous substances or petroleum products at the Subject Property. No additional investigation appears warranted at this time.

Conclusions and Recommendations

Nova has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-21 of the Darby View Manufactured Housing Community property located at 284 East Sandusky Street, Mechanicsburg, Ohio. Any exceptions to or deletions from this practice are described in the Introduction Section of this report.

Conclusion(s)	Recommendation(s)
This assessment has revealed no evidence of *RECs, CRECs and/or significant data gaps* in connection with the Subject Property.	Based on the information available during the course of this assessment, Nova does not recommend further assessment of the Subject Property at this time.

Non-Scope Considerations/Business Environmental Risks

Environmental issues not identified as RECs, CRECs, HRECs or *de minimis* conditions could be considered Non-Scope Considerations (NSC) or Business Environmental Risks (BERs). NSCs and/or BERs, if any, identified in connection with the Subject Property at the time of this assessment are detailed below.

NSC/BER	Recommendation(s)
No permanent structures are present at the Subject Property. According to the Champaign County Auditor, the onsite mobile homes were constructed between 1970 and 2001; therefore, there is a potential for asbestos containing materials (ACM) to exist. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, suspect ACMs currently present onsite are not definitively known.	Suspect ACMs should be managed in-place in good condition under an ACM O&M Program.

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NSC/BER	Recommendation(s)
Based on the pre-1978 construction dates of several of the onsite mobile homes, there is a potential for lead-based paint (LBP) to exist. The condition of exterior painted surfaces associated with the onsite mobile homes were not peeled, cracked, or otherwise problematic in physical appearance, where observed. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, the condition of interior painted surfaces was not observed.	Suspect LBP should be managed in good condition under a LBP O&M Program.

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1.0 INTRODUCTION

Nova Group, GBC (Nova) was authorized by Whiteford Taylor Preston, to conduct a Phase I Environmental Site Assessment (ESA) of the Darby View Manufactured Housing Community property located at 284 East Sandusky Street, Mechanicsburg, Ohio ("Subject Property"). Nova has conducted this ESA in conformance with the scope and limitations of ASTM International Designation ASTM E1527-21, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." There are no exceptions to, or deletions from these practices, unless otherwise stated herein.

Kristen Rini, Field Associate, representing Nova, conducted a Subject Property reconnaissance on January 22, 2025, to assess the possible presence of Recognized Environmental Conditions (RECs) and non-ASTM environmental issues, as prescribed by the scope of work, at the Subject Property. Nova's assessment included review of ASTM-defined sources of historical information, evaluation of data gaps, reconnaissance of adjoining properties, background research, and review of available local, state, and federal regulatory records.

Nova contracted Environmental Risk Information Services (ERIS) to perform a computer database search for local, state, and federal regulatory records pertaining to environmental concerns for the Subject Property and facilities in the vicinity of the Subject Property. The ERIS Report, dated January 24, 2025, is provided in the Appendix.

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1.1 Purpose

The purpose of this ESA is to identify, to the extent feasible pursuant to the processes prescribed by ASTM E1527-21, RECs in connection with the Subject Property.

In conformance with ASTM E1527-21, the term REC means (1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term "Controlled Recognized Environmental Condition" (CREC) means a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The term "Historical Recognized Environmental Condition" (HREC) indicates a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls. The term REC is not intended 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 governmental agencies.

Nova understands this ESA is also being completed to assist in qualifying for Landowner Liability Protections (LLPs) under the Comprehensive Environmental Response, Compensation & Liability Act (CERCLA) unless otherwise so stated in this report.

1.2 Scope of Services

Nova's Scope of Services for this ESA conforms with the due diligence standards detailed in ASTM E1527-21. Services provided for this project included:

- A records review of standard federal, state, tribal and local record sources, as well as physical setting sources;
- A review of standard historical resources regarding historical land use activities at the Subject Property;
- Interviews with people that have knowledge regarding the past or present uses of the Subject Property, including present and past owners, operators, and occupants of the Subject Property, as well as with local government officials, where feasible;
- A reconnaissance of the Subject Property to visually and physically observe the Subject Property for evidence of RECs;
- Evaluation of Significant Data Gaps; and
- Review of previous environmental reports, if available.

The Appendix contains resumes of Nova staff involved in the preparation of this report.

Nova assessed the Subject Property for certain Non-Scope Considerations (NSCs) and/or Business Environmental Risks (BERs) that are not considered in the CERCLA definition of hazardous substances (42 USC § 9601.14) nor specifically required per ASTM E1527-21. A summary of NSC assessment is found within the NSC/BER section of this report.

This assessment did not include sampling or testing of materials (i.e., building, radon, soil, water, or air).

This assessment included an evaluation for a potential vapor migration or vapor encroachment condition (VEC) to exist at the Subject Property (refer to Section 5.0).

1.3 Significant Assumptions

There is a possibility that even with the proper application of these methodologies conditions may exist on the Subject Property that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Nova believes that the information obtained from the record review and the interviews concerning the Subject Property is reliable. However, Nova cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete.

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1.4 Limitations and Exceptions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-21. Nova was not requested to limit or deviate from ASTM E1527-21 during the course of this assessment. Limiting condition(s), deletion(s), deviation(s), and/or data failure(s)/data gap(s) as listed, if any, are not critical and do not alter the conclusions or recommendations of this assessment unless otherwise stated.

1.4.1 Limiting Conditions

Limiting Conditions include physical obstructions such as adjacent buildings, bodies of water, asphalt/ concrete, or other paved surface areas, as well as other physical constraints including rain or snow, observed at the time of the assessment.

- Nova was not able to observe the entirety of the exterior ground surface due to the presence of parked vehicles and snow cover. Given the areas observed and nature of the existing operations, this limitation is not considered significant at this time.
- No significant inaccessible areas, limitations or physical obstructions/constraints were encountered during the reconnaissance with the exception that mobile homes are individually owned by residents and the interior portions of the mobile homes were not visually observed.

None of the limiting conditions identified constitute a significant data gap.

1.5 Data Gaps

A data gap, as defined by ASTM E1527-21, is "*a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.)*."

A significant data gap, as defined by ASTM E1527-21, is "*a data gap that affects the ability of the environmental professional to identify a recognized environmental condition*."

1.5.1 Immaterial Data Gaps

Nova identified the following data gaps during the course of this assessment. These data gaps were evaluated and determined not to represent a significant data gap.

- Nova encountered a data gap by not interviewing past Subject Property owners or adjoining property owners, as none were available for comment, did not respond to requests for information, or did not exist. However, based on review of the available municipal, regulatory, and historical information, the absence of information obtained from interviews with these individuals is not considered significant to the findings, conclusions, or recommendations of this assessment.

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- Historical data was not available in strict five-year intervals. The Subject Property was materially unchanged prior to and following the gap years. Based on the prior use of the Subject Property, these historical data gaps are not expected to impact the conclusions or recommendations of this investigation.
- Pursuant to ASTM E1527-21, Nova requested the relevant Subject Property information from the User of this report, which was not provided upon completion of this assessment. However, based on interviews with knowledgeable person(s) and/or review of municipal, regulatory, and/or historical information, the absence of this information is not considered significant to the findings, conclusions, or recommendations of this assessment.
- Freedom of Information Act (FOIA) requests were submitted to the Mechanicsburg Fire & EMS and Champaign Health District in an attempt to obtain further information regarding the Subject Property. As of the date of this ESA, responses have not been received. Based on review of publicly available resources, the lack of responses is not considered to be a significant data gap and does not alter the findings of this assessment.

1.5.2 Significant Data Gaps

No significant data gaps were identified during the course of this assessment.

1.6 Special Terms and Conditions

Authorization to perform this work was given by a directive from Whiteford Taylor Preston.

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

The content and conclusions provided in this report are based solely on the information collected during Nova's investigation and activities at the Subject Property, our present understanding of the Subject Property conditions, and our professional judgment in light of such information at the time this report was prepared. Part of the findings in this investigation is based on data provided by others. This report presents Nova's professional opinion, and no warranty, expressed or implied, is made.

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1.7 User Reliance

Whiteford Taylor Preston and its affiliates (collectively, "Client") may use and rely upon this Phase I Environmental Site Assessment in connection with a planned financial transaction involving the Subject Property. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of Nova Group, GBC. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Nova Group, GBC granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Nova Group, GBC, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with Nova Group, GBC's Proposal and General Conditions executed by Whiteford Taylor Preston for this Phase I Environmental Site Assessment.

1.8 User Provided Information

Pursuant to ASTM E1527-21, Nova requested the following Subject Property information from the User of this report and from the Key Site Manager (KSM). Information provided by the User (if any) or the KSM is included in various sections of this report.

User Provided Information		
Item	**Not Provided by User**	**Provided / Answered by User**
User Questionnaire	✔	☐
Title Records	✔	☐
Environmental Cleanup Liens or AULs (40 CFR 312.25 and 40 CFR 312.26(a)(1)(v) and vi))	✔	☐
Specialized Knowledge (40 CFR 312.28)	✔	☐
Valuation Reduction for Environmental Issues (40 CFR 312.29)	✔	☐
Identification of KSM	☐	✔
Reason for Performing Phase I ESA	☐	✔
Prior Environmental Reports	☐	✔

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2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Location and Legal Description

A summary of Subject Property details is provided in the table below. A topographic map, as well as figures, are included in the Appendices.

Location and Legal Description	
Subject Property Location	284 East Sandusky Street Mechanicsburg, Champaign County, Ohio 43044
Number of Parcels	two contiguous tracts
APN(s)	C06-03-00-44-00-002-00 (main parcel) and C06-03-00-44-00-002-02 (southwest parcel)
Historical/Listed Subject Property Address(es)	No historical addresses were identified.
Acreage	4.4370
Abbreviated Legal Description	Parcel ID C06-03-00-44-00-002-00: RTS 00-00-00 _ _ 4743 PT MCARTHUR PAR 002-02 TO BE ATTACHED Parcel ID C06-03-00-44-00-002-02: RTS 00-00-00 _ _ 4743 PT MCARTHUR TO BE ATTACHED TO 002-00
Current Owner / Date of Acquisition	OHME Darby MPH LLC / 2016
Survey Map / ALTA Survey	A survey of the Subject Property was provided to Nova for review and is included in the Appendix.

2.2 Subject Property and Vicinity General Characteristics

Nearby land use in the vicinity of the Subject Property as well as the general setting of the Subject Property is described below.

Subject Property and Vicinity General Characteristics	
General Surrounding Area Use	Combined mixed use residential / commercial / agricultural land
Zoning Information	Local Business District (B-2)

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Subject Property and Vicinity General Characteristics	
On-Subject Property Parking Facilities	Asphalt-paved surface parking is located along the asphalt-paved driveway present at the Subject Property.
Public Thoroughfares/ Roads	**Subject Property:** N/A **Northeast:** N/A **Southeast:** East Sandusky Street (also referred to as State Route 4) **Southwest:** N/A **Northwest:** N/A
Landscaping	Grass and landscaping are located along Subject Property and building perimeters.
Geologic and Hydrogeologic Conditions	No apparent routes of direct discharge that have the potential of facilitating the migration of hazardous substances or petroleum products that are likely to migrate to or from the Subject Property, or from nearby/adjoining property were observed. Water bodies were not observed within the limits of the Subject Property and/or in close proximity.

2.3 Current Subject Property Use

Based on assessment observations, the Subject Property is currently occupied by Darby View Manufactured Housing Community, which contains a management reported total of 33 mobile home pad sites. No permanent structures or amenities were observed during the site reconnaissance. The Subject Property is occupied exclusively by residential tenants.

No environmental concerns were identified in connection with the current use of the Subject Property.

2.4 General Description of Subject Property Building Improvements

The Subject Property is not currently improved with permanent structures. Based on information obtained from interviews, observations, historical records, and publicly ascertainable information, the Subject Property has been developed with a mobile home park since 1970.

2.4.1 Services and Utilities

Municipal services and utilities provided to the Subject Property and/or the surrounding area are listed in the table below.

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Utilities	
Item	**Description**
Potable Water Supply	Provided and maintained by the Village of Mechanicsburg.
Sewage Disposal System	Provided and maintained by the Village of Mechanicsburg. Indication of a septic system or cesspool was not observed at the Subject Property during the reconnaissance and/or review of publicly available resources.
Storm Water	Direct percolation to the ground.
Electricity / Natural Gas	AES / Columbia Gas
Heating/Cooling Systems	Individual interior electric, natural gas, and/or propane furnace units; individual exterior electric air conditioning compressor units; and individual electric through-wall heating/air conditioning units.

2.5 Current Use of Adjoining and Surrounding Properties

During the site reconnaissance, Nova observed the following land use on properties in the immediate vicinity of the Subject Property:

Current Use of Adjoining and Surrounding Properties		
	Adjoining	**Surrounding**
Northeast	Agricultural land, rural residential structures, and a Verizon Wireless cellular tower (10618 State Route 4) and Family Dollar (286 East Sandusky Street)	Generally agricultural land
Southeast	East Sandusky Street (also referred to as State Route 4), beyond which lies two residences (283 and 285 East Sandusky Street)	Generally residential
Southwest	Residence (284 East Sandusky Street) and Advanced Technology Products (282 East Sandusky Street)	Generally residential and agricultural land

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Current Use of Adjoining and Surrounding Properties		
	Adjoining	**Surrounding**
Northwest	A parcel containing agricultural and vacant land, a parking area, and an outbuilding (no associated address)	Generally residential and institutional

Based on the assessment of adjoining land uses, the current use, treatment, storage, disposal or generation of hazardous substances or petroleum products was not observed. RECs were not identified based on the current uses of the above-referenced adjoining and surrounding properties.

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3.0 RECORDS REVIEW

3.1 Physical Setting Sources

3.1.1 Topography

The United States Geological Survey (USGS), Mechanicsburg, Ohio Quadrangle 7.5-minute series topographic map was reviewed for this ESA and is summarized below.

Topographic Map Features	
Topographic Subject Property Elevation	1,086 feet above mean sea level.
Topographic Considerations	Gently sloped / Slopes downward toward the southwest, south, and southeast.
Other Significant Surface Features	Surface waters/water bodies or other significant surface features are not depicted.

3.1.2 Soils / Geology

Soil and geologic information was obtained based on review of published information as detailed within the Reference section of this report.

Soils / Geology	
Surface Soils	
Soil Name	Brookston silty clay loam
Description	The Brookston series consists of poorly-drained and very poorly-drained soils with slow to very slow infiltration rates and reportedly meets hydric criteria. A typical profile consists of silty clay loam to 39 inches below ground surface (bgs) and silt loam to 60 inches bgs. Slopes range from 0 to 6 percent.
Soil Name	Celina silt loam
Description	The Celina series consists of moderately well-drained soils with slow to very slow infiltration rates and does not meet hydric criteria. A typical profile consists of silt loam to nine inches bgs; clay loam to 38 inches bgs; and loam to 79 inches bgs. Slopes range from 2 to 6 percent.

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Soils / Geology	
Soil Name	Crosby silt loam
Description	The Crosby series consists of somewhat poorly-drained soils with slow to very slow infiltration rates and does not meet hydric criteria. A typical profile consists of silt loam to 14 inches bgs; silty clay loam to 28 inches bgs; and loam to 79 inches bgs. Slopes range from 2 to 6 percent.
Geologic Formation	
Formation Name	The Subject Property lies within the Mad River Interlobate Plain region of the Till Plains section of the Central Lowland physiographic province of the State of Ohio.
Description	The Mad River Interlobate Plain region is characterized by loamy till, sand, and gravel outwash of Wisconsinan age and high lime content overlying carbonate rocks of Silurian age and shales and limestones of Ordovician age.
Site-Specific Geology	According to a soil boring log appended to a previous investigation dated 2015 for the southwest-adjoining property at 282 East Sandusky Street, geology in the Subject Property vicinity consists of sand and gravel fill to nine feet bgs; sandy lean clay with silt and traces of gravel to 16 feet bgs; and silty lean clay with sand and traces of gravel to 20 feet bgs.

3.1.3 Hydrology

Hydrologic information for the Subject Property and surrounding area was obtained from review of published geologic and hydrogeologic sources (see Reference Section) and summarized in the table below.

Hydrology	
Depth to Groundwater	Between approximately four and six feet bgs
Shallow Groundwater Flow Direction	According to a previous investigation dated 2015 for the southwest-adjoining property at 282 East Sandusky Street, the hydrogeologic gradient in the Subject Property vicinity is toward the southeast.
On-Subject Property Water Bodies	Settling ponds, lagoons, surface impoundments, or natural catch basins were not observed at the Subject Property during this investigation.
Closest off-Subject Property Water Body	Lake Run, located approximately 1,375 feet (0.26 miles) northwest of the Subject Property

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3.1.4 Other Physical Settings Sources

Other Physical Setting Sources	
Oil and Gas Exploration (current or historical)	
Oil or Gas Wells	Historical/current oil or gas exploration was not identified within the Subject Property limits or within immediately surrounding properties.
Pipelines	Pipelines were not identified within the Subject Property limits or within immediately surrounding properties.
Well Records	
Well Log Records / Well Mapping Program	No water wells and/or groundwater monitoring wells were recorded on file for the Subject Property, and no existing groundwater monitoring wells were observed at the adjoining properties.

3.2 Historical Research

The purposes of obtaining and reviewing "*historical sources is to develop a history of the previous uses of the Subject Property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the Subject Property*." Nova attempted to research all obvious Subject Property use from the present, back to the Subject Property's first developed use; or back to 1940, whichever is earlier. Copies of below pertinent sources reviewed (including specific map/directory years), such that establish Subject Property uses or changes in use, are included in the Appendix of this report.

Data gaps associated with available historical information, if identified, were previously discussed in Section 1.5.

3.2.1 Historical Subject Property Uses

Summaries of historical Subject Property uses based on review and interpretation of available historical resources are provided in the following sections.

3.2.1.1 Aerial Photographs

Aerial photographs were reviewed and findings are summarized in the following table.

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Historical Subject Property Uses - Aerial Photographs	
Year(s)	**Description**
1952	Poor quality aerial photograph; details could not be discerned.
1959	Appears to consist of agricultural land with a residence on the southern portion.
1965	A residence or outbuilding appears to have been added on the southern portion.
1970	The former residence or outbuilding visible in the 1965 aerial photograph no longer appears to be present.
1980, 1988, 1994, 2004, 2005, 2006, 2009, 2010, 2011, 2013, 2015, 2017, 2019, 2021, 2023	Appears to be improved with the existing mobile home park and associated driveway.

3.2.1.2 Fire Insurance Maps

Fire insurance maps for the Subject Property/surrounding areas were not published and/or available from ERIS. A copy of the "No Coverage" letter is included in the Appendix.

3.2.1.3 USGS Topographic Maps

Topographic maps provided by ERIS were reviewed and summarized in the following table.

Historical Subject Property Uses - USGS Topographic Maps	
Year(s)	**Description**
1914, 1916	Appears to consist of undeveloped land.
1944	The southern portion appears to be improved with a residence.
1961, 1980	The former residence no longer appears visible and the Subject Property appears to exist as vacant land.
2013, 2016, 2019	Orthographic topographic maps; structural improvements are not depicted.

3.2.1.4 City Directories

Historical city directories provided by ERIS were reviewed and summarized in the following table.

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Historical Subject Property Uses - City Directories	
Year(s)	**Description**
1996, 2000, 2003, 2008, 2012, 2016, 2020, 2023	Residential tenants

3.2.1.5 Chain of Title

A 50-year COT summary was not requested by the Client for this ESA. Historical use of the Subject Property was researched using other standard historical sources.

3.2.1.6 Additional Historical Sources

Historical Resource	Comments
Building Department Records	Reviewed building records included the following: › A Manufactured Home Park Annual Inspection Report dated April 15, 2024, which stated that no violations were noted during this inspection. › A summary of what appear to be past violations, none of which were dated and did not include references to potential environmental concerns. › A current Manufactured Home Park Operator License, which is undated and confirms that 33 mobile home lots are present at the Subject Property. This license expires on December 31, 2025.
Interviews	Nova attempted to interview the Key Site Manager; however, a response was not received within the time constraints of this report.
Tax Files	Information obtained from the Champaign County Auditor that was reasonably ascertainable and pertains to the Subject Property is discussed in various sections of this report. As detailed within tax information, past owners included the following: Owen Annajean (prior to 1998); Detrick Howard John (1998); Finley Shelley & William (1999); and Darby View LLC (2012).
Zoning / Land Use Records	The Subject Property is zoned as B-2, Local Business District by the Goshen Township Zoning Department.

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Historical Resource	Comments
Past Uses Via Reconnaissance Observations	Evidence of historical uses of the Subject Property was not visually and/or physically observed during the Subject Property visit that was likely to have historically involved the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products.

3.2.1.7 Prior Environmental Reports and Other Historical Sources

Nova was provided with the following report for review:

- A Phase I ESA report for the Subject Property, prepared by GRS Group, an NV5 Company (GRS) and dated February 8, 2024, was provided by the Client for Nova's review. At the time of this assessment, the Subject Property was developed with current improvements associated with existing Darby View Manufactured Housing Community. GRS did not identify RECs, although asbestos-containing materials (ACM) and lead-based paint (LBP) were identified as business environmental risks (BER). Please note that GRS's report included conflicting information as to whether the interior of any mobile homes was accessed as a part of their assessment. GRS's report also included conflicting information in regard to recommendations. A summary table included in Section 1.1, Summary Tables - Conclusions & Recommendations noted that GRS recommended that Operations and Maintenance (O&M) Plans be developed in connection with ACMs and LBP onsite. However, no recommendations were included in Section 1.7, Recommendations. Additional pertinent information detailed within the referenced ESA is also discussed in various sections of this report.

Nova generally agrees with the findings presented in the report summarized above.

No other previously prepared environmental reports, lead-based paint surveys, lead-in-water surveys, asbestos surveys, geotechnical reports, or other documents pertaining to the Subject Property were provided for Nova's review.

3.2.1.8 Cumulative Summary of Historical Subject Property Uses

Summary of Historical Subject Property Uses
The Subject Property appears to have existed as undeveloped land by 1914. By 1944, a residence appears to have been added on the southern portion and by 1959, the Subject Property appears to have consisted of agricultural land with the aforementioned residence. An additional residence or outbuilding appears to have been present by 1965, which was no longer visible by 1970. The Subject Property has been developed with the existing mobile home park since 1970.
Historical Summary Findings

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Based on review of historical information, prior uses of the Subject Property such that are expected to have resulted in a REC in connection with the Subject Property were not identified.

3.2.2 Historical Uses - Adjoining Properties and Surrounding Areas

Summaries of historical uses of adjoining properties and surrounding areas, based on review of available historical resources, are provided in the tables below.

Adjoining Properties

	North Adjoining Property Historical Map Summary	**City Directory Listings**
Northeast	Historical uses of the northeast-adjoining properties appear to have generally consisted of undeveloped, agricultural, and/or vacant land and rural residential structures since at least 1914. By 1959, a commercial building was present on the southwestern portion, which was visible through at least 2005 and was demolished and replaced with the existing commercial building by 2006.	10618 State Route 4 (State Route 4 also referred to as East Sandusky Street) Not listed (1962, 2000-2008) Residential (1996, 2012-2023) 286 East Sandusky Street Not listed (1962, 1996) No Limits (2000-2008) Family Dollar (2012-2023)

	East Adjoining Property Historical Map Summary	**City Directory Listings**
Southeast	Historical uses of the southeast-adjoining properties appear to have consisted of a residence and undeveloped and/or vacant land by at least 1914. By 1988, the existing second residence appears to have been added and these properties appear to have consisted of the existing residences through the present.	283 East Sandusky Street Not listed (1962, 2016-2023) Residential (1996-2012) 285 East Sandusky Street Not listed (1962, 2016-2023) Residential (1996-2012)

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	South Adjoining Property Historical Map Summary	City Directory Listings
Southwest	Historical uses of the southwest-adjoining properties appear to have consisted of residences from at least 1914 through at least 1994. Please note that an apparent commercial building was present on the southern portion from at least 1959 until at least 1970, which had been demolished by 1980. Review of regulatory records indicates that this structure represented a former gasoline station. By 2004, the existing commercial building and an apparent gasoline station canopy were added on the southern portion. The gasoline station canopy appears to have been removed by 2017 and these properties have remained in a similar configuration through the present.	284 East Sandusky Street Not listed (1962) Residential (1996-2023) 282 East Sandusky Street Not listed (1962, 2000-2003, 2020-2023) Residential (1996, 2008) Preston's IGA, U-Haul Neighborhood Dealer (2012) ATM, U-Haul Neighborhood Dealer (2016)

	West Adjoining Property Historical Map Summary	City Directory Listings
Northwest	Historical uses of the northwest-adjoining property appears to have consisted of undeveloped land by 1914. By 1944, several residences appear to have been added. By 1959, this property appears to have consisted of vacant land and an outbuilding and appears to have remained in a similar configuration through the present.	N/A; no associated address

Surrounding Areas (Beyond Adjoining)

	Surrounding Areas
North	No evidence of uses expected to result in RECs was identified in connection with the surrounding areas to the north.
East	No evidence of uses expected to result in RECs was identified in connection with the surrounding areas to the east.
South	No evidence of uses expected to result in RECs was identified in connection with the surrounding areas to the south.
West	No evidence of uses expected to result in RECs was identified in connection with the surrounding areas to the west.

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Please note that the northeast-adjoining property at 286 East Sandusky Street appears to have been improved with a former commercial building, which was present from at least 1959 through 2005. This address was not identified in the provided city directory resource in 1962, and city directory records were not available for the Subject Property vicinity between 1962 and 1996. Although this address was identified in the regulatory database report, database listings associated with this address pertain to the existing commercial building, which was present by 2006. Based on the lack of regulatory database listings for this property in connection with the former commercial building, it does not appear that former tenant(s) associated with this building maintained reportable quantities of hazardous materials. Nova has not identified records during the course of this assessment that this former commercial building was occupied by one or more former tenants of environmental concern. Based on this information, as well as this property's cross-gradient orientation and the lack of Subject Property operations that would have contributed to a potential release in connection with this property, Nova has not identified the lack of comprehensive city directory records for this address as a significant data gap or REC.

City directory records for the northeast-adjoining address 286 East Sandusky Street indicate that No Limits, a tenant that reportedly occupied this property between 2000 and 2008 (although likely was only present prior to 2006, when the existing Family Dollar building was constructed), was associated with motorcycle repair activities. This tenant was not identified in the regulatory database report, which appears to indicate that this former tenant did not maintain reportable quantities of hazardous materials. Based on this information as well as this property's cross-gradient orientation; relatively short duration of occupancy; operation during a time period of established environmental regulation; and the lack of Subject Property operations that would have contributed to a potential release in connection with this property, Nova has not identified this tenant as a REC.

As noted in the table above, the southwest-adjoining property at 282 East Sandusky Street may have been improved with a former building between at least 1959 and at least 1970. This structure may have served as a residence; however, this structure may have been commercial in nature. This address was not identified in the provided city directory resource in 1962, and city directory records were not available for the Subject Property vicinity between 1962 and 1996. Although this address was identified in the regulatory database report, database listings associated with this address pertain to a former grocery store tenant with an associated gasoline station component. Based on the lack of regulatory database listings for this property in connection with the former suspected commercial building, it does not appear that former tenant(s) associated with this building maintained reportable quantities of hazardous materials. Additionally, Nova has not identified records during the course of this assessment that this former commercial building was occupied by one or more former tenants of environmental concern. Based on this information, as well as this property's cross-gradient orientation and the lack of Subject Property operations that would have contributed to a potential release in connection with this property, Nova has not identified the former presence of this potential commercial building as a REC.

The former gas station at 282 East Sandusky Street appears to have been present between at least 2004 and at least 2015. This property is identified in the regulatory database report. Please refer to Section 3.3.3 for further details. Additionally, although not discussed in city directory records, review of regulatory records indicates that this property was improved with a gasoline station between the 1950s and at least 1970. Please refer to Section 3.3.3 for further details.

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Based on the information discussed above, the historical research has not identified additional prior adjoining or surrounding land uses that are expected to have resulted in a REC for the Subject Property.

3.3 Regulatory Database Review

Information from standard federal, state and tribal environmental record sources was provided through Environmental Risk Information Services (ERIS). Data from governmental agency lists are updated and integrated into one database, which is updated as data is released. This integrated database also contains postal service data to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet. In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facility locations. The facilities that cannot be mapped or plotted are listed under the unplottable section within the database report. Any unplottable sites identified in the regulatory database are discussed below in the appropriate sections.

3.3.1 Regulatory Database Report Summary

Below is a summary of facilities identified/present in the standard/additional database sources within the ASTM prescribed Approximate Minimum Search Distance (AMSD). Refer to the Regulatory Records Appendix for a complete listing.

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
NPL	1.0	0	0	0	0	0	0
PROPOSED NPL	1.0	0	0	0	0	0	0
DELETED NPL	0.5	0	0	0	0	-	0
SEMS	0.5	0	0	0	0	-	0
ODI	0.5	0	0	0	0	-	0
SEMS ARCHIVE	0.5	0	0	0	0	-	0
CERCLIS	0.5	0	0	0	0	-	0
IODI	0.5	0	0	0	0	-	0
CERCLIS NFRAP	0.5	0	0	0	0	-	0
CERCLIS LIENS	0.02	0	-	-	-	-	0
RCRA CORRACTS	1.0	0	0	0	0	0	0
RCRA TSD	0.5	0	0	0	0	-	0
RCRA LQG	0.25	0	0	0	-	-	0
RCRA SQG	0.25	0	0	0	-	-	0
RCRA VSQG	0.25	0	1	0	-	-	1
RCRA NON GEN	0.25	0	0	0	-	-	0
RCRA CONTROLS	0.5	0	0	0	0	-	0

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Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FED ENG	0.5	0	0	0	0	-	0
FED INST	0.5	0	0	0	0	-	0
LUCIS	0.5	0	0	0	0	-	0
NPL IC	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	0.02	0	-	-	-	-	0
ERNS 1987 TO 1989	0.02	0	-	-	-	-	0
ERNS	0.02	0	-	-	-	-	0
FED BROWNFIELDS	0.5	0	0	0	0	-	0
FEMA UST	0.25	0	0	0	-	-	0
FRP	0.25	0	0	0	-	-	0
DELISTED FRP	0.25	0	0	0	-	-	0
HIST GAS STATIONS	0.25	0	0	0	-	-	0
REFN	0.25	0	0	0	-	-	0
BULK TERMINAL	0.25	0	0	0	-	-	0
SEMS LIEN	0.02	0	-	-	-	-	0
SUPERFUND ROD	1.0	0	0	0	0	0	0
DOE FUSRAP	1.0	0	0	0	0	0	0
DERR	1.0	0	0	0	0	0	0
DELISTED DERR	1.0	0	0	0	0	0	0
SWF/LF	0.5	0	0	0	0	-	0
HIST LF	0.5	0	0	0	0	-	0
LUST	0.5	0	2	0	3	-	5
DELISTED LST	0.5	0	1	0	0	-	1
LST	0.5	0	0	0	0	-	0
UST	0.25	0	1	0	-	-	1
TANKS	0.25	0	0	0	-	-	0
TANKS 2	0.25	0	0	0	-	-	0
DTNK	0.25	0	0	0	-	-	0
ENG	0.5	0	0	0	0	-	0
INST	0.5	0	0	0	0	-	0
VCP	0.5	0	0	0	0	-	0
VAP CNS	0.5	0	0	0	0	-	0
BROWNFIELDS	0.5	0	0	0	0	-	0
INDIAN LUST	0.5	0	0	0	0	-	0
INDIAN UST	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	0.25	0	0	0	-	-	0
FINDS/FRS	0.02	0	2	-	-	-	2
TRIS	0.02	0	-	-	-	-	0

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Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS NPL	0.5	0	0	0	0	-	0
PFAS FED SITES	0.5	0	0	0	0	-	0
PFAS SSEHRI	0.5	0	0	0	0	-	0
PFAS ERNS	0.5	0	0	0	0	-	0
PFAS NPDES	0.5	0	0	0	0	-	0
PFAS TRI	0.5	0	0	0	0	-	0
PFAS WATER	0.5	0	0	0	0	-	0
PFAS TSCA	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	0.5	0	0	0	0	-	0
PFAS IND	0.5	0	0	0	0	-	0
HMIRS	0.125	0	0	-	-	-	0
NCDL	0.125	0	0	-	-	-	0
TSCA	0.125	0	0	-	-	-	0
HIST TSCA	0.125	0	0	-	-	-	0
FTTS ADMIN	0.02	0	-	-	-	-	0
FTTS INSP	0.02	0	-	-	-	-	0
PRP	0.02	0	-	-	-	-	0
SCRD DRYCLEANER	0.5	0	0	0	0	-	0
ICIS	0.02	0	-	-	-	-	0
FED DRYCLEANERS	0.25	0	0	0	-	-	0
DELISTED FED DRY	0.25	0	0	0	-	-	0
FUDS	1.0	0	0	0	0	0	0
FUDS MRS	1.0	0	0	0	0	0	0
FORMER NIKE	1.0	0	0	0	0	0	0
PIPELINE INCIDENT	0.02	0	-	-	-	-	0
MLTS	0.02	0	-	-	-	-	0
HIST MLTS	0.02	0	-	-	-	-	0
MINES	0.25	0	0	0	-	-	0
SMCRA	1.0	0	0	0	0	0	0
MRDS	1.0	0	0	0	0	0	0
LM SITES	1.0	0	0	0	0	0	0
ALT FUELS	0.25	0	0	0	-	-	0
CONSENT DECREES	0.25	0	0	0	-	-	0
AFS	0.02	0	-	-	-	-	0
SSTS	0.25	0	0	0	-	-	0
PCBT	0.5	0	0	0	0	-	0
PCB	0.5	0	0	0	0	-	0
POWER PLANTS	0.125	0	0	-	-	-	0
OSC RESPONSE	0.125	0	0	-	-	-	0
PFAS GHG	0.5	0	0	0	0	-	0

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Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SPILLS	0.125	0	2	-	-	-	2
TOWNGAS	1.0	0	0	0	0	1	1
DRYCLEANERS	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	0.25	0	0	0	-	-	0
USD	0.5	0	0	0	0	-	0
CRO	0.02	0	-	-	-	-	0
SIAB	0.02	0	-	-	-	-	0
PFAS	0.5	0	0	0	0	-	0
PFAS PWS	0.5	0	0	0	0	-	0
UIC	0.02	0	-	-	-	-	0
AIR PERMITS	0.25	0	1	0	-	-	1

3.3.2 On-Subject Property Regulatory Database Summary

The Subject Property was not identified on the federal, state, or tribal databases reviewed for this ESA.

3.3.3 Adjoining Facility Regulatory Database Summary

Following review of standard/additional database sources, the following facilities (if any) have been identified for the adjoining properties.

Adjoining Facility Regulatory Database Summary				
Database	**Facility Name and Address**	**Direction from the Subject Property**	**Inferred Groundwater Gradient Relative to the Subject Property**	**Discussion**
LUST, DELISTED LST, UST	Preston's IGA, 282 East Sandusky Street	Southwest	Crossgradient	Please see below.

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Adjoining Facility Regulatory Database Summary				
Database	**Facility Name and Address**	**Direction from the Subject Property**	**Inferred Groundwater Gradient Relative to the Subject Property**	**Discussion**
FINDS/FRS, RCRA VSQG	Family Dollar #7393, 286 East Sandusky Street	Northeast	Crossgradient	According to the FINDS/ FRS listing, Family Dollar #7393 is tracked via the VSQG interest type. The RCRA VSQG listing indicates that Family Dollar #7393 was classified as a VSQG of various hazardous waste types typical of general retail facilities in 2015. No violations were noted in connection with this listing. Based on this property's cross-gradient orientation; the nature of the database listings; the small quantities of hazardous wastes generated onsite; and the lack of reported violations, Nova has not identified these database listings as a REC.

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Adjoining Facility Regulatory Database Summary				
Database	**Facility Name and Address**	**Direction from the Subject Property**	**Inferred Groundwater Gradient Relative to the Subject Property**	**Discussion**
SPILLS, FINDS/ FRS, AIR PERMITS	Ron Welch, Verizon Wireless	Northeast	Crossgradient	According to the SPILLS database, smoke was released at this property in 1999 in connection with an entity discussed as Ron Welch. Details regarding the quantity released and media impacted were not discussed; however, based on the smoke nature of this release, this release appears to have impacted the atmosphere. Nova attempted to obtain further details regarding this incident via the OEPA's online eDocs records repository; however, no records were available. It does not appear that further investigation or cleanup activities were required in connection with this incident. Review of the current aerial photograph indicates that a Verizon Wireless cellular tower is present on the northeastern portion of this property, approximately 2,230 feet northeast of the Subject Property. The FINDS/FRS listing indicates that Verizon Wireless is tracked via the State Master interest type, and the AIR PERMITS

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Adjoining Facility Regulatory Database Summary				
Database	**Facility Name and Address**	**Direction from the Subject Property**	**Inferred Groundwater Gradient Relative to the Subject Property**	**Discussion**
				listing indicates that Verizon Wireless maintains one emergency generator (fuel source not discussed) and one emergency diesel generator. Based on this property's cross-gradient orientation; the smoke nature of the release discussed in the SPILLS listing; the apparent lack of further investigation or cleanup activities required in connection with the SPILLS case; and the distance between the Subject Property and the cellular tower located at this property, Nova has not identified these database listings as a REC.

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Preston's IGA, 282 East Sandusky Street

According to the LUST and DELISTED LST database listings, two releases appear to be associated with this property. One release was discovered at this property in 2003, with the second release discovered in 2014. Both of these release cases have been issued a no further action (NFA) status. According to the UST database, the former Preston's IGA tenant reportedly maintained two 1,000-gallon gasoline USTs with unreported installation dates, which were removed in 2003; one 12,000-gallon gasoline UST, one 8,000-gallon gasoline UST, and one 6,000-gallon gasoline UST, all three of which were installed in 2004 and removed in 2014.

Nova reviewed records on file with BUSTR, which included a UST Closure Assessment Report dated 2003. According to this report, a filling station was estimated to be out of business at this property in the mid-1950s. The property was purchased circa 1975 and by this time, the filling station building and pump islands had been removed. The pump islands were reportedly located above two 1,000-gallon gasoline USTs, and a map appended to this report indicated that the former USTs were located approximately 75 feet southwest of the Subject Property. These USTs were removed in July 2003. At the time of removal, the western UST was noted to be in good condition with no holes, while the eastern UST reportedly contained a few small holes in the top of the tank and pitting on the bottom of the tank. Following UST removal activities, soil samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX) and methyl tertiary butyl ether (MTBE). It appears that a total of three soil samples collected from the soil stockpile as well as the UST excavation sidewall and bottom were submitted for laboratory analysis. Soil samples collected from the UST excavation sidewall and bottom did not contain concentrations of the analyzed constituents above applicable action levels. However, benzene was detected in the soil stockpile sample above the applicable action level. It appears that after the soil sampling event was conducted, stockpiled soils had been placed back into the UST cavity. Based on this information, once the analytical results were received, the backfill material was re-excavated from the tank cavity and transported offsite as hazardous waste. Because the stockpiled soils had been re-introduced into the tank cavity, confirmation soil sampling was conducted on the sidewalls and bottom of the tank excavation in August 2003. Two soil samples were selected for laboratory analysis of BTEX and MTBE, and none of the analyzed constituents were identified above applicable action levels. Based on this information, BUSTR issued a no further action status for this release case in October 2003.

BUSTR records also included a UST Closure Assessment Report dated 2014. According to this report, one 12,000-gallon gasoline UST, one 8,000-gallon gasoline UST, and one 6,000-gallon diesel UST were installed at this property in 2004, all of which were last used in 2007. These USTs were located approximately 45 feet south-southeast and 65 feet southwest of the Subject Property and were removed in October 2014. Following UST excavation activities, soil samples and grab groundwater samples were collected and analyzed for BTEX, MTBE, polycyclic aromatic hydrocarbons (PAH), and total petroleum hydrocarbons (TPH). Benzene was detected above the applicable action level in a water sample collected from the UST cavity. Based on this information, a Tier 1 Source Investigation was completed in 2014, which included the installation of three soil borings which were converted into groundwater monitoring wells. Based on the results of the Tier 1 Source Investigation, a Tier 2 Evaluation Report was prepared, which was dated April 2015. As a part of this Tier 2 Evaluation, a fourth groundwater monitoring well appears to have been installed, which represents the groundwater monitoring well located nearest the Subject Property. This groundwater monitoring well was identified as MW-4 and was located approximately 60 feet south-southeast and 60 feet southwest of the Subject Property. A sampling event was conducted in February 2015, during which soil and groundwater samples were collected from this groundwater monitoring well. Soil and groundwater samples were analyzed for BTEX, MTBE, PAHs, and TPH, none of which were identified above applicable action levels. Based on this information, BUSTR issued a no further action status for this release case in October 2015.

Based on this property's cross-gradient orientation; the distance between the former USTs and the Subject Property; UST removal activities; the results of the sampling events; and the issuance of regulatory case closure in connection with the former release cases, Nova has not identified these database listings as a REC.

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3.3.4 Surrounding Area Facility Regulatory Database Summary

Surrounding area facilities with the potential to impact the Subject Property were not identified on the federal, state, or tribal databases reviewed for this ESA. Agency closed petroleum releases within the database search radius would not be expected to pose a REC to the Subject Property.

Additional surrounding facilities listed within the prescribed AMSD that have been determined not to be pertinent (i.e., regulatory status, distance or topographic considerations) to this assessment are detailed within the regulatory database report included in the Appendix.

3.3.5 Unplottable Facilities

In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facility locations. These facilities are listed under the "Unplottable" section within the database report. The following is a summary of unplottable facilities, if any, identified in the regulatory database and their potential to impact the Subject Property. Facilities identified for the Subject Property, adjoining land or surrounding area (with the potential to impact the Subject Property are discussed above in the appropriate sections.

Location	Number of Unplottable / Orphan Listing(s)	Listing(s) of Concern
Subject Property	0	None
Adjoining / Adjacent Land	0	
Surrounding Area	0	

3.3.6 Regulatory Agency File and Records Review

Given that the Subject Property, as well as adjoining or nearby property was listed in the regulatory database report reviewed for this assessment, additional file reviews were warranted at the time of this assessment. Available files obtained by Nova are included in the Appendix and previously discussed in the regulatory database section.

3.3.6.1 Activity Use Limitations (AULs) and Environmental Liens (ELs)

Per ASTM E1527-21, Section 5.4, AULs and ELs can ordinarily be found in Land Title Records or Judicial Records. "The process of searching and evaluating land title records or judicial records (as applicable) ordinarily requires specialized expertise provided by title insurance companies or title search professionals. As described in 6.2, reviewing land title records for AULs and environmental liens (or judicial records where applicable) is a user responsibility."

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Indications of AULs and ELs were evaluated via review of the Institutional/Environmental Controls (IC/EC) registries included in the database report (if available for the state of Ohio) per Section 5.5 of ASTM E1527-21.

No reference to AULs or ELs was disclosed in the documents reviewed.

3.3.6.2 Records Request(s): State/Local Government Officials

The following agencies were contacted to obtain information regarding the presence of USTs, the use or storage of hazardous materials/petroleum products, current violations, emergency response actions or any documentation relative to environmental matters at the Subject Property. Correspondence records, if any, are provided in the Appendix and specific information regarding individuals/agencies contacted is summarized in the interview section of this report. Should information be received from agencies that were unresponsive to information requests within the time frame of this report that alters the conclusions herein, an addendum will be forwarded to the Client.

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Interviews with State/Local Government Officials		
Agency Type	**Agency Name**	**Comment**
Fire Department	Mechanicsburg Fire & EMS	Response not received within the time frame of this report.
Environmental Health Department	Champaign Health District	Response not received within the time frame of this report.
Building Department	Ohio Department of Commerce, Division of Industrial Compliance	No records of environmental significance were identified; please refer to Section 3.2.1.6 for further details.
Zoning Department	Goshen Township Zoning Department	Obtained the zoning designation for the Subject Property; please refer to Section 3.2.1.6 for further details.
Water Quality Department	Village of Mechanicsburg	Obtained the most recent water quality / consumer confidence report.
County Assessor	Champaign County Auditor	Information obtained and incorporated throughout this report.

Interviews with State/Local Government Officials		
Agency Type	**Agency Name**	**Comment**
State Environmental Department	Ohio Environmental Protection Agency (OEPA)	No records were found for the Subject Property address. Nova also researched the Subject Property address using the OEPA's online eDocs records repository. No records were available.
Release Case Management Department	Ohio Bureau of Underground Storage Tank Regulation (BUSTR)	Nova requested records for the southwest-adjoining LUST case. Please refer to Section 3.3.3 for further details.

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4.0 SUBJECT PROPERTY RECONNAISSANCE

Nova conducted a site reconnaissance of the Subject Property on January 22, 2025. The site reconnaissance was performed by Kristen Rini, Nova Field Manager. Nova did not require special access to the Subject Property and was not accompanied at the time of the site reconnaissance.

Descriptions of current features, activities, uses and conditions visually and/or physically observed during the reconnaissance are presented in the following sections. Photographic documentation obtained during the Subject Property reconnaissance is appended.

Unless otherwise summarized herein, the methodology established for inspection of the Subject Property included visual and/or physical observation of the periphery of the Subject Property, as well as the periphery of structures and interior observation of representative structures, if present. In addition, the Subject Property was viewed from all adjacent public thoroughfares. Undeveloped portions of the Subject Property, if present, were systematically observed in a general grid pattern.

Immaterial limiting conditions that were determined to not obstruct Nova's ability to identify environmental concerns were encountered during the Subject Property reconnaissance and included the following:

- The presence of snow cover throughout the Subject Property.
- The presence of vehicles covering portions of the parking areas.

Material limiting conditions encountered during the Subject Property reconnaissance, if any, were detailed in Section 1.5 Data Gaps .

4.1 Hazardous Substances and Petroleum Products

4.1.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses (Not Equipment)

Evidence of hazardous substances and/or petroleum products, within containers of five gallons or more, associated with current Subject Property operations (use, treatment, storage, disposal, or generation) was not observed at the time of the assessment.

4.1.2 Equipment Containing Hazardous Substances and Petroleum Products

Mechanical and electrical equipment such as elevators, hydraulic lifts, fuel pumps/dispensers, compressors, transformers, etc. containing hazardous substances and/or petroleum products in connection with identified uses are listed in the table below.

Evidence of release(s) associated with this equipment is further detailed within the sections below pertaining to odors, pools of liquids, and/or stains/corrosion.

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Quantity / Type of Equipment	Installation Date	Responsible Party / Third Party Contractor	Evidence of a Release / Physical Damage	Presumed PCB-Containing
Several pad-mounted transformers	Likely 1970	Electric Provider	No	Yes

4.1.3 Presumed PCB-Containing Items

Transformers and other electrical/hydraulic equipment (i.e., oil-filled switches, balers, hoists, vehicle lifts, dock levelers, hydraulic elevators, etc.) manufactured prior to 1979 could contain PCBs at a level that subjects them to regulation by the USEPA. In 1979, the USEPA issued a final rule, banning the manufacturing, processing, distribution of PCBs in commerce and use (44 Federal Register 31514). PCBs in electrical equipment are controlled by USEPA regulations 40 CFR, Part 761. Electrical/hydraulic equipment manufactured after 1979 is not expected to contain PCBs.

Electrical or hydraulic equipment located within the limits of the Subject Property that has the potential to contain PCBs (manufactured prior to 1979) was detailed in the Equipment Containing Hazardous Substances and Petroleum Products table above.

Evidence of release(s) associated with this equipment is further detailed within the sections below pertaining to odors, pools of liquids, and/or stains/corrosion.

4.1.4 Per and Polyfluoroalkyl Substances (PFAS)

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made products containing hazardous materials that include Perfluorooctanoic acid (PFOA), Perfluorooctanesulfonic acid (PFOS), and several other chemicals. Historical uses of the Subject Property as they relate to potential use/manufacture/storage/ disposal of potential PFAS products, if any, were previously addressed in Section 3.2. Regulatory-listed known or potential PFAS concerns/conditions associated with the Subject Property adjoining properties, or surrounding properties, if any, are presented in the Regulatory Section 3.3.

Based on Nova's review of the Subject Property information sources, current on-site operations do not appear to include the use of PFAS.

4.1.5 Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses

Containers storing hazardous substances or petroleum products not in connection with Subject Property uses were not observed during the Subject Property reconnaissance.

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4.1.6 Standing Surface Water & Pools, or Sumps Containing Liquids Likely To Be Hazardous Substances or Petroleum Products

No evidence of on-Subject Property sumps or catch basins containing liquids likely to be hazardous substances/petroleum products was observed or reported during the Subject Property reconnaissance. Additionally, pools of liquids/standing surface water containing liquid likely to be hazardous substances/ petroleum products were not observed at the time of the Subject Property reconnaissance or identified during interviews.

4.1.7 Pits, Ponds, Lagoons Containing Suspected Hazardous Substances or Petroleum Products

No evidence of pits, ponds, or lagoons containing suspected hazardous substances or petroleum products was observed or reported during the Subject Property reconnaissance.

4.2 Storage Tanks and Other Containers

4.2.1 Current Storage Tanks

Underground storage tanks (USTs) including evidence of fill pipes, fill ports, or vent pipes, were not observed during the Subject Property reconnaissance or reported during interviews.

Two ASTs were identified at the Subject Property as described in the following table.

Aboveground Storage Tank(s)				
Tank Capacity / Construction	**Installation Date**	**Contents**	**Location**	**Use**
Two ~300-gallon single-walled steel ASTs	Unknown	Propane	Northern portion of the Subject Property	Fuel Source for Heat in connection with pad site 14

When the temperature of propane is raised above -44 degrees Celsius, it transforms from a liquid to a gas, or vapor. Therefore, at normal temperatures and pressure, a release from the propane ASTs would not impact soils or groundwater. While the propane ASTs could be considered a fire or safety concern, these ASTs are not expected to represent a REC.

4.2.2 Drums, Totes and Intermediate Bulk Containers

Drums, totes, or other intermediate bulk containers were not observed at the time of the reconnaissance.

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4.2.3 Unidentified Substance Containers

Unidentified substance containers suspected of containing hazardous substances or petroleum products were not observed during the Subject Property reconnaissance.

4.3 Evidence of a Release

Evidence of a release(s) associated with the storage of hazardous materials and/or petroleum products at the Subject Property, if identified, is detailed in the table below.

Evidence of a Release	Observed - Yes/ No	Discussion
Strong, Pungent or Noxious Odors and Their Sources	No	Strong, pungent, or noxious odors were not observed at the time of the assessment or reported by Subject Property sources.
Stains or Corrosion on Floors, Walls or Ceilings	No	N/A; Nova did not access the interior of the onsite mobile homes.
Stained Soil or Pavement	No	No evidence of noteworthy stained soil or pavement was observed during the reconnaissance.
Stressed Vegetation	No	No stressed vegetation was observed during the Subject Property reconnaissance.

4.4 Water/Wastewater

Subject Property sources reported that discharge to sanitary sewer is limited to wastewater generated within the restrooms (i.e. toilets, sinks, shower), dishwashers, or laundry facilities. No indication of industrial wastewater disposal or treatment systems were observed during the Subject Property reconnaissance or reported to Nova.

4.5 Solid Waste

No evidence of landfilling/illicit solid waste disposal was observed or reported during the reconnaissance. In addition, areas that appeared to have been filled/graded by non-natural causes and/or the presence of fill of unknown origin that would suggest the presence/disposal of hazardous substances and/or petroleum products were not observed and/or reported at the time of the assessment.

4.6 Drains and Sumps

No evidence of drains or sumps was observed at the Subject Property.

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4.7 Septic Systems or Cesspools

Indication of a septic system or cesspool was not observed at the Subject Property during the reconnaissance and/or review of publicly available resources.

4.8 Wells

Wells (i.e., dry wells, irrigation wells, injection wells, abandoned wells, or other wells) were not observed during the reconnaissance or reported during interviews.

4.9 Evidence of Historical Subject Property Uses

Evidence of historical uses of the Subject Property was not visually and/or physically observed during the Subject Property visit that was likely to have historically involved the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products.

4.10 Additional Subject Property Observations

No additional relevant general Subject Property characteristics were observed during the reconnaissance.

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5.0 VAPOR MIGRATION

Historical, regulatory and visual assessment for the potential for a release of hazardous substances or petroleum products at the Subject Property that may have resulted in impacts to vapors in the subsurface was evaluated.

5.1 Determination of Vapor Migration

During Nova's Subject Property observations, review of historical sources, and review of regulatory databases, no current or historical usage of chemicals of concern at the Subject Property or reported release or other indication of subsurface contamination from a Subject Property source was evident. Additionally, no release or material threat of a release to the subsurface from an off-property source was identified that would be expected to have impacted the Subject Property. As such, a vapor migration concern was not identified for the Subject Property during this assessment.

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6.0 NON-SCOPE CONSIDERATIONS/BUSINESS ENVIRONMENTAL RISKS

6.1 Asbestos Containing Materials (ACMs)

Asbestos is primarily regulated by the United States EPA through the EPA NESHAP Standard (40 CFR Chapter 61, Subpart M), the OSHA through the General Industry Standard, and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e., asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos. ACMs can include but is not limited to floor tile, plaster, drywall, surfacing, pipe wrap, roofing materials, siding and many other common building materials in any building regardless of construction date. In addition, the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101, requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are presumed asbestos containing materials (PACMs). NESHAP regulations define ACM as containing more than one percent asbestos, which is also considered regulated ACM. Friable ACM is building material that can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable refers to materials that contain asbestos bound by cement, plastic, adhesive, etc., (i.e., gaskets, floor coverings, roofing materials, etc.).

The limited survey consisted of noting observable materials, which were readily accessible and visible during the course of the reconnaissance that often contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the Subject Property, or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to provide an indication of significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the Subject Property. Additional sampling, inspection, and evaluation will be warranted for any other use.

No permanent structures are present at the Subject Property. According to the Champaign County Auditor, the onsite mobile homes were constructed between 1970 and 2001; therefore, the use of friable and non-friable ACMs in building construction and finishes associated with the onsite mobile homes cannot be ruled out without independent sample analysis. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, suspect ACMs currently present onsite are not definitively known but are likely to include acoustic ceiling tiles, drywall systems, floor tiles, construction mastics, and/or piping insulation.

No building plans or specifications, which may be useful in determining areas likely to have used ACM, were made available for review.

Sampling of building materials for ACM was not conducted as part of current assessment efforts.

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According to the EPA, suspect and confirmed ACMs that are intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Plan until removal is dictated by renovation, demolition, or deteriorating material condition.

6.2 Lead-Based Paint (LBP)

Based on the pre-1978 construction dates of several of the onsite mobile homes, LBP may be present. The objective of this limited visual survey was to observe the presence and condition of various painted surfaces. The condition of exterior painted surfaces associated with the onsite mobile homes were not peeled, cracked, or otherwise problematic in physical appearance, where observed. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, the condition of interior painted surfaces was not observed.

The Subject Property falls under the definition of Target Housing, and is regulated under Title X. Regardless of the findings of this limited screening, the seller or renter of the Subject Property is required to make available a federally approved lead hazard information pamphlet and must disclose known lead-based paint and/or lead-based paint hazards to purchasers and renters of the Subject Property pursuant to the requirements of 24 CFR 35.92 and 40 CFR 745.113.

No documents regarding previous sampling efforts related to LBP were made available for review. A LBP O&M was not provided for review.

Sampling of materials for LBP was not conducted as part of current assessment efforts.

6.3 Radon

The USEPA has prepared a map to assist national, state, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the USEPA recommended Action limit of 4.0 picoCuries per liter of air (pCi/L). It is important to note that the USEPA has found homes with elevated levels of radon in all three zones, and the USEPA recommends property-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

A review of the EPA Map of Radon Zones places the Subject Property in Zone 1, where the average predicted radon levels are greater than 4.0 pCi/L.

Although the EPA Map of Radon Zones indicates that the Subject Property is located in an area with elevated radon concentrations, the Subject Property currently exists as a mobile home park with no permanent structures. Based on the lack of permanent residential structures onsite, radon is not considered to be a significant concern and no sampling was performed or warranted.

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6.4 Evidence of Mold

As part of this assessment, Nova performed a limited visual inspection for the significant presence of mold. A class of fungi, molds have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, thrive in humid environments, and produce tiny spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting the substrate. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth.

Nova observed interior areas of the Subject Property for the presence or significant presence of water and/or mold. Below is a summary of water/mold damaged materials, if any, observed at the time of the assessment. This activity was not designed to discover all areas which may be affected by mold growth. Rather, it is intended to give the Client an indication if significant (based on observed areas) mold growth is present at the Subject Property. Additional areas of mold growth not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the Subject Property.

The Subject Property is not improved with permanent structures; therefore, mold is not an issue of concern.

6.5 Lead in Drinking Water

The Subject Property is connected to the municipal potable water supply provided by Village of Mechanicsburg. According to the 2023 Annual Drinking Water Quality Report, the drinking water supplied to the Subject Property is compliant with state and federal standards, including those for lead and copper.

Sampling of drinking water was not conducted at the Subject Property for the presence of total lead content.

6.6 Other Environmental Considerations

Other than those items noted below, evaluation of other environmental considerations was outside the scope of this assessment.

6.6.1 Flood Zone

Flood Information	
Flood Zone, Panel Number and Date	Zone X (unshaded), according to Panel Number 39021C0335D, dated November 18, 2009.

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Flood Zone Description	Zone X (unshaded): Minimal risk areas outside the 1-percent and 0.2-percent-annual-chance floodplains. No Base Flood Elevations (BFEs) or base flood depths are shown within these zones.
Distance to Closest Flood Hazard	Approximately 1,330 feet to the southeast.

6.6.2 Wetlands

According to the US Fish and Wildlife Service Wetlands Mapper, wetland areas are not mapped within the limits of the Subject Property.

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7.0 INTERVIEWS

Pursuant to ASTM E1527-21, interviews were conducted during this assessment to obtain information indicating RECs in connection with the Subject Property. Findings from these interviews are discussed in the appropriate sections in this report.

7.1 Past Owners, Operators and Occupants

Interviews with past owners, operators, and occupants that are likely to have material information regarding the potential for contamination at the Subject Property were not considered reasonably ascertainable during this assessment.

7.2 Present Owner, Occupants and Key Site Manager

Nova made reasonable attempts to interview occupants of the Subject Property who possessed knowledge of its current and past use history. Individuals with good knowledge of the uses and physical characteristics of the Subject Property that were interviewed during this assessment are summarized below. Interview content is included in various sections of this report.

Name, Affiliation	Contact Information	Date Contacted / Interviewed	Duration of Association with the Subject Property
Mr. John Rowan, District Manager, Impact MHC Management, LLC	(970) 808-3887	01/29/25	Unknown
Cumulative Summary of Interview Findings			
Nova attempted to interview Mr. John Rowan; however, a response was not received within the time constraints of this report.			

7.3 State and/or Local Government Officials

The following state or local agencies that serve the area in which the Subject Property is located were contacted in an effort to obtain information indicating RECs in connection with the Subject Property. Information obtained during interviews is incorporated into various sections of this report.

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Interviews				
Name	**Affiliation**	**Contact Information**	**Date Contacted / Interviewed**	**Status**
Chief Robert Keene	Mechanicsburg Fire & EMS	https://www.mechanicsburgvillage.com/contact.html	01/18/25	Response not received
N/A	Champaign Health District	health@champaignhd.com	01/18/25	Response not received
Ms. Dawn Evarson	Ohio Department of Commerce, Division of Industrial Compliance	dawn.evarson@com.ohio.gov	01/18/25	Information provided
N/A	Goshen Township Zoning Department	https://goshen-oh.gov/planning-zoning/	01/18/25	Information provided
Ms. Penny Prather-Dix	OEPA	Penny.Prather-Dix@epa.ohio.gov	01/18/25	Information provided
Internet Query	OEPA Online eDocs Records Repository	https://edocpub.epa.ohio.gov/publicportal/edochome.aspx	01/18/25	Information obtained online
Internet Query	Champaign County Auditor	https://auditor.co.champaign.oh.us/	01/18/25	Information obtained online
Ms. Marla Reichenbach	Ohio Bureau of Underground Storage Tank Regulation	Marla.Reichenbach@com.ohio.gov	01/18/25	Information provided

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8.0 FINDINGS, OPINIONS, AND CONCLUSIONS

8.1 Findings and Opinions

Findings and opinions, based on the information obtained during the course of this assessment, are presented in the table below. Findings, not resulting in RECs, CRECs, HRECs, or *de minimis* condition may be considered BERs and are discussed below in the NSC/BER Section.

Finding(s) and Opinion(s)
Significant Data Gaps
No Significant Data Gaps were identified during the course of this assessment.
RECs
No RECs were identified during the course of this assessment.
CRECs
No CRECs were identified during the course of this assessment.
HRECs
No HRECs were identified during the course of this assessment.
De Minimis Conditions
No *de minimis* conditions were identified during the course of this assessment.
Identified Hazardous Substances / Petroleum Products Not Constituting Environmental Conditions
This assessment did not identify features, activities, uses, and/or conditions that may indicate the presence or likely presence of used or stored hazardous substances or petroleum products at the Subject Property. No additional investigation appears warranted at this time.

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8.2 Conclusions and Recommendations

Nova has performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-21 of the Darby View Manufactured Housing Community property located at 284 East Sandusky Street, Mechanicsburg, Ohio, the "Subject Property." Any exceptions to or deletions from this practice are described in the Introduction Section of this report.

Conclusion(s)	Recommendation(s)
This assessment has revealed no evidence of *RECs, CRECs and/or significant data gaps* in connection with the Subject Property.	Based on the information available during the course of this assessment, Nova does not recommend further assessment of the Subject Property at this time.

8.3 Non-Scope Considerations/Business Environmental Risks

Environmental issues with regard to NSCs or BERs, if any, identified in connection with the at the time of the assessment are detailed below.

NSC/BER	Recommendation(s)
No permanent structures are present at the Subject Property. According to the Champaign County Auditor, the onsite mobile homes were constructed between 1970 and 2001; therefore, there is a potential for asbestos containing materials (ACM) to exist. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, suspect ACMs currently present onsite are not definitively known.	Suspect ACMs should be managed in-place in good condition under an ACM O&M Program.
Based on the pre-1978 construction dates of several of the onsite mobile homes, there is a potential for lead-based paint (LBP) to exist. The condition of exterior painted surfaces associated with the onsite mobile homes were not peeled, cracked, or otherwise problematic in physical appearance, where observed. Please note that Nova did not access the interior of any of the onsite mobile homes as a part of this assessment; therefore, the condition of interior painted surfaces was not observed.	Suspect LBP should be managed in good condition under a LBP O&M Program.

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8.4 Deletions and Deviations

Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Subject Property based on reasonably ascertainable information, as well as reasonable constraints with regard to time and cost. All limiting conditions, deletions, and deviations from the ASTM E1527-21 (if any) are listed individually and in detail, including Client imposed constraints, and all additions, within the Introduction section of this report.

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9.0 REFERENCES

Type	Source
Aerial Photographs	ERIS; Google Earth
City Directories	ERIS
Fire Insurance Maps	ERIS
Flood Insurance Map (If Included in Scope)	Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program (online source), https://msc.fema.gov/portal/search
Geology	United States Geological Survey Mineral Resources On-Line Spatial Data (online resource), https://mrdata.usgs.gov/general/map-us.html
Hydrology	United States Geological Survey - Groundwater Atlas of the United States (online resource), pubs.usgs.gov/ha/ha730/gwa.html
Oil/Gas Exploration	Ohio Department of Natural Resources (ODNR). Ohio Oil and Gas Locator (online resource), https://ohiodnr.gov/wps/portal/gov/odnr/discover-and-learn/safety-conservation/about-ODNR/oil-gas/oil-gas.
Radon	United States Environmental Protection Agency (EPA) Map of Radon Zones (online resource), https://www.epa.gov/sites/default/files/2015-07/documents/zonemapcolor.pdf
Regulatory Database Information	ERIS, 284 East Sandusky Street, Mechanicsburg, Ohio, Inquiry No. 25012200042, January 24, 2025
Soils	United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), Web Soil Survey (online resource), http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx
Topographic Maps	ERIS
Water Wells	ODNR, Division of Soil & Water (online resource), https://gis.ohiodnr.gov/mapviewer/?config=waterwells.
Water Quality Report	Village of Mechanicsburg Drinking Water Quality Report/Consumer Confidence Report, 2023
Wetlands (If Included in Scope)	U.S. Fish & Wildlife Service (online resource), http://www.fws.gov/wetlands/Data/Mapper.html.

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ACRONYMS/ABBREVIATIONS

ACM	Asbestos Containing Material
AMSD	Approximate Minimum Search Distance
APN	Assessor Parcel Number
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AULs	Activity and Use Limitations
BER	Business Environmental Risk
COC	Chemical of Concern
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS-NFRAP	CERCLIS - No Further Remedial Action Planned
CORRACTS	Corrective Action Cleanup Enforcement
CREC	Controlled Recognized Environmental Condition
EC	Engineering Control
ERIS	Environmental Risk Information Services
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FBG	Feet Below Grade
FINDS	Facility Index System
FOIA	Freedom of Information Act
FRS	Facility Register Service
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation and Air Conditioning
IC	Institutional Controls
ICIS	Integrated Compliance Information System
LBP	Lead Based Paint
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
OEPA	Ohio Environmental Protection Agency
NFA	No Further Action
Non-Gen	Non-Generator
Nova	Nova Group, GBC
NPL	National Priorities Listing
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
ROC	Records of Communication
SEMS	Superfund Enterprise Management System
SHWS	State Hazardous Waste Sites

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SQG	Small Quantity Generator
TRI	Toxics Release Inventory
TSDF	Hazardous Waste Treatment, Storage or Disposal Facility
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VSQG	Very Small Quantity Generator

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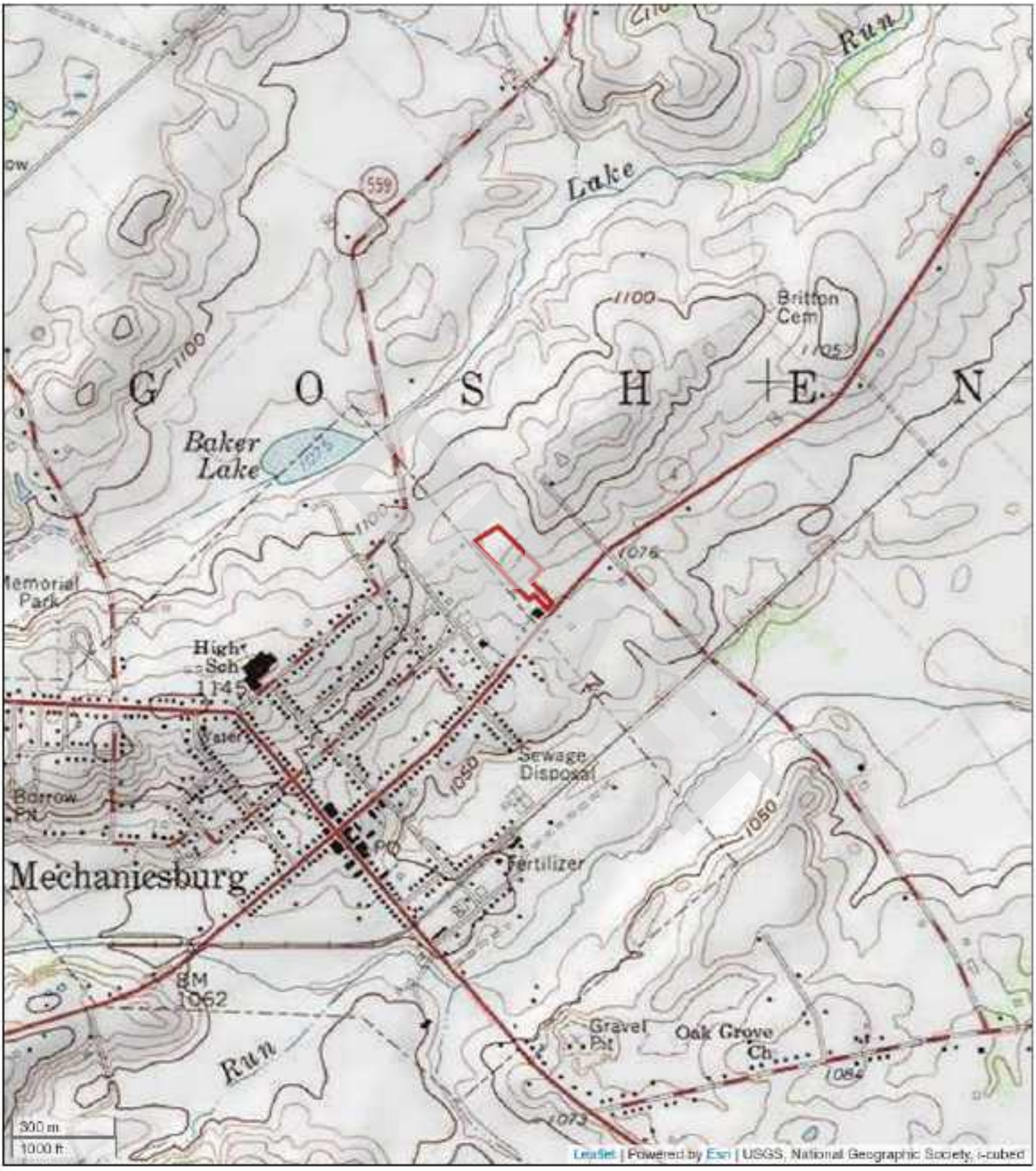
FIGURES: Subject Property Maps



Topographic Map

Darby View Manufactured Housing Community
264 East Sandusky Street
Mechanicsburg, Ohio 43044
Project #: KP25-0491

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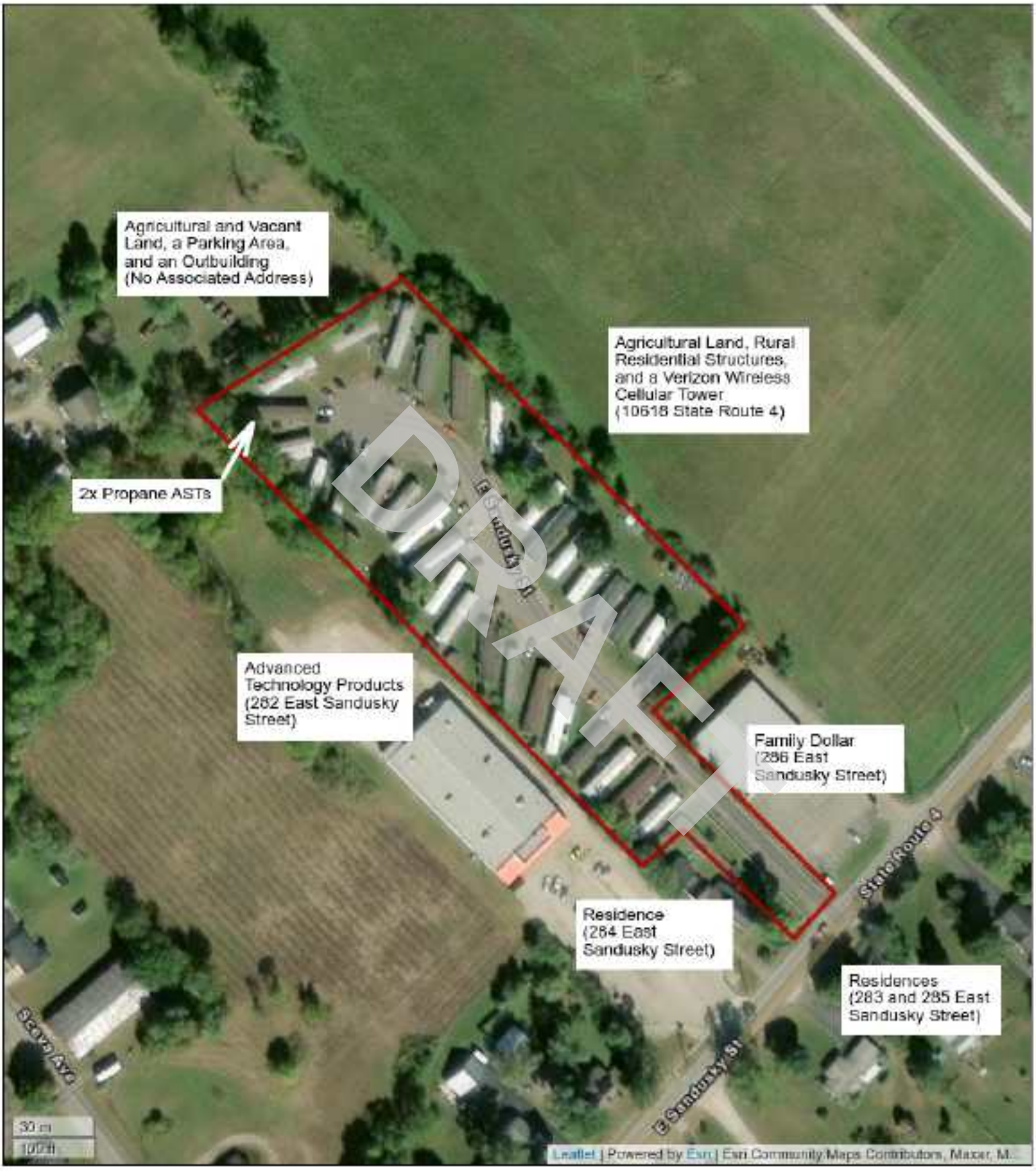
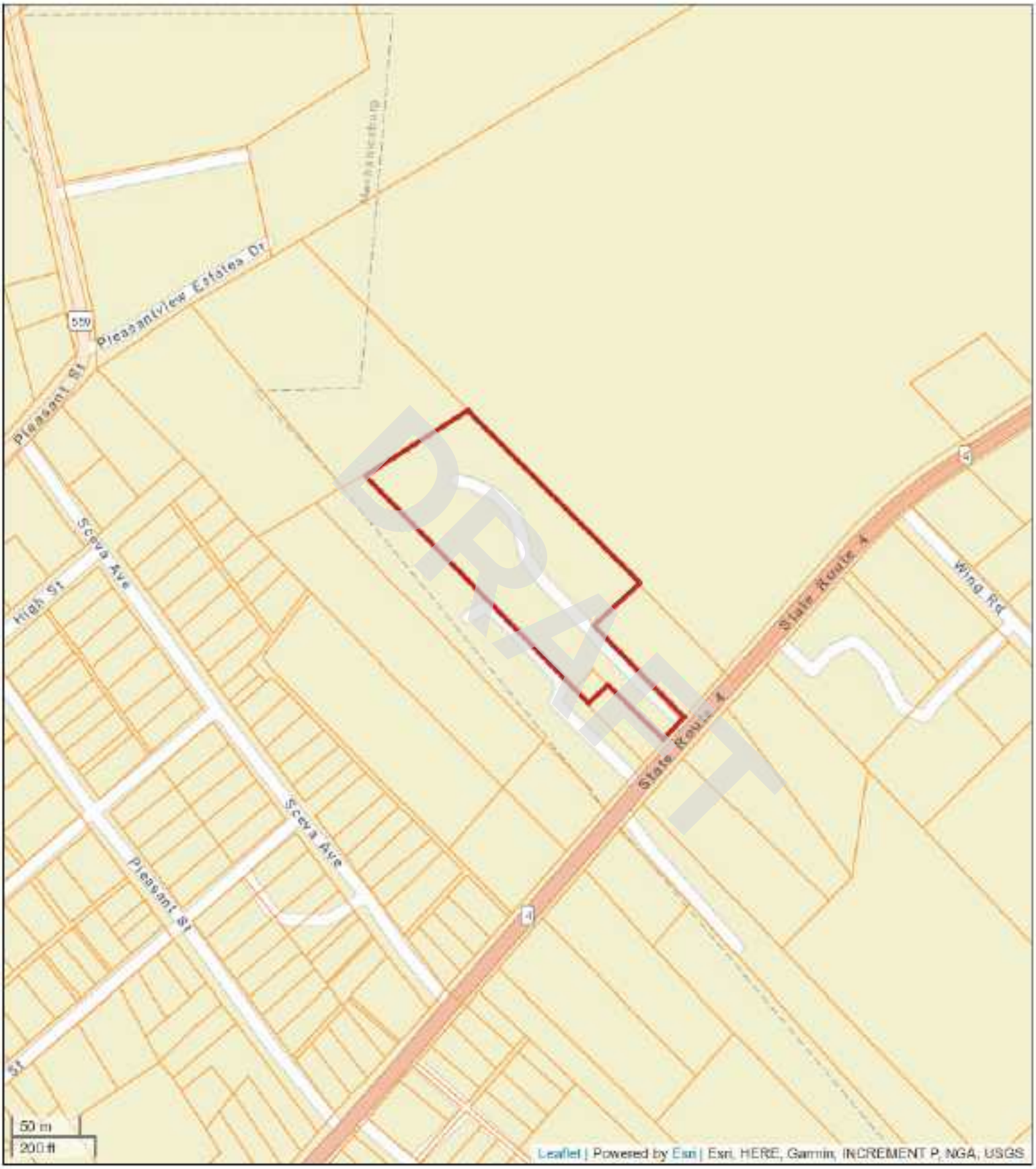
Subject Property Vicinity Map

Darby View Manufactured Housing Community
264 East Sandusky Street
Mechanicsburg, Ohio 43044
Project #: KP25-0491



Subject Property Details Map

Darby View Manufactured Housing Community
284 East Sandusky Street
Mechanicsburg, Ohio 43044
Project #: KP25-0491



DRAFT

Subject Property Plat/Parcel Map

Darby View Manufactured Housing Community
264 East Sandusky Street
Mechanicsburg, Ohio 43044
Project #: KP25-0491

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APPENDIX A: Photographic Documentation

1. Overview of the Subject Property, facing southeast	2. View of the northern portion of the Subject Property
3. View of the eastern portion of the Subject Property	4. View of the western portion of the Subject Property
5. View of the western portion of the Subject Property	6. View of the paved driveway on the northern portion of the Subject Property

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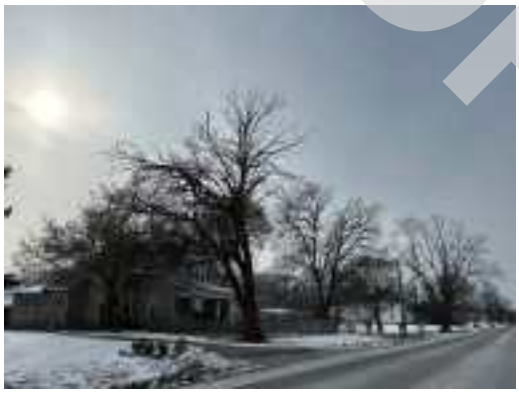
7. View of the paved driveway on the southern portion of the Subject Property	8. View of a typical mobile home
9. View of a typical trash container	10. View of a typical pad-mounted transformer
11. View of propane ASTs	12. View of a typical natural gas pipeline marker

DRAFT

13. Northeast-adjoining property, 10618 State Route 4	14. Northeast-adjoining property, 286 East Sandusky Street
	
15. Southeast-adjoining properties, 283 and 285 East Sandusky Street	16. Southwest-adjoining property, 284 East Sandusky Street
17. Southwest-adjoining property, 282 East Sandusky Street	18. Northwest-adjoining property, no associated address

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APPENDIX B-1: Historical Aerial Photographs

ERIS

HISTORICAL AERIALS

DRAFT

Project Property: Darby View Manufactured Housing Community
284 E Sandusky St
Mechanicsburg OH 43044

Project No: KP25-0491

Requested By: Nova Group, GBC

Order No: 25012200042

Date Completed: January 24,2025

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

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Date	Source	Scale	Comments
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	Photo Index-Best Available
1959	United States Geological Survey	1" = 500'	
1965	Ohio Department of Transportation	1" = 500'	
1970	Ohio Department of Transportation	1" = 500'	Adjacent Frame Unavailable
1980	United States Geological Survey	1" = 500'	
1988	Ohio Department of Transportation	1" = 500'	
1994	United States Geological Survey	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2021	United States Department of Agriculture	1" = 500'	
2023	United States Department of Agriculture	1" = 500'	

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Order No:25012200042

1952

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:ASCS

Scale:1" = 500'

Comment:Photo Index-Best Available

Nova Group

Order No:25012200042

1959

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USGS

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

1965

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:ODOT

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

1970

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:ODOT

Scale:1" = 500'

Comment:Adjacent Frame Unavailable

Nova Group

Order No:25012200042

1980

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USGS

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

1988

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:ODOT

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

1994

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USGS

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2004

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2005

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2006

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2009

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2010

Project No:KP25-0491

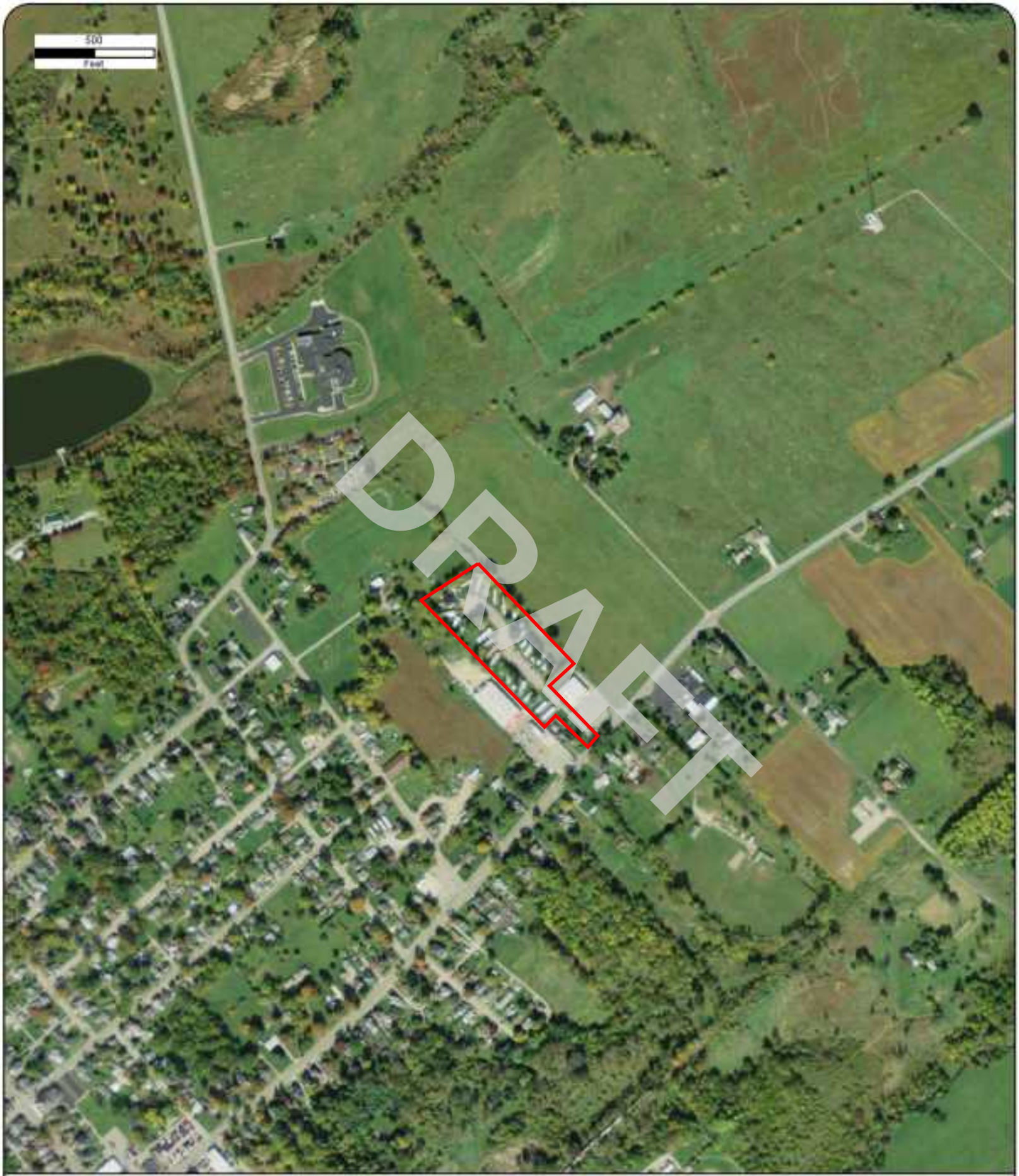
Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group



Order No:25012200042

2011

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2013

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2015

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2017

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2019

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2021

Project No:KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

Order No:25012200042

2023

Project No.KP25-0491

Site Name:Darby View Manufactured Housing Community,284 E Sandusky St,Mechanicsburg,43044

Source:USDA

Scale:1" = 500'

Comment:

Nova Group

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APPENDIX B-2: Historical Topographic Maps

TOPOGRAPHIC MAPS

DRAFT

Project Property:	Darby View Manufactured Housing Community 284 E Sandusky St Mechanicsburg OH 43044
Project No:	KP25-0491
Requested By:	Nova Group, GBC
Order No:	25012200042
Date Completed:	January 22, 2025

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2016	7.5
2013	7.5
1980	7.5
1961	7.5
1944	15
1916	15
1914	15

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Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

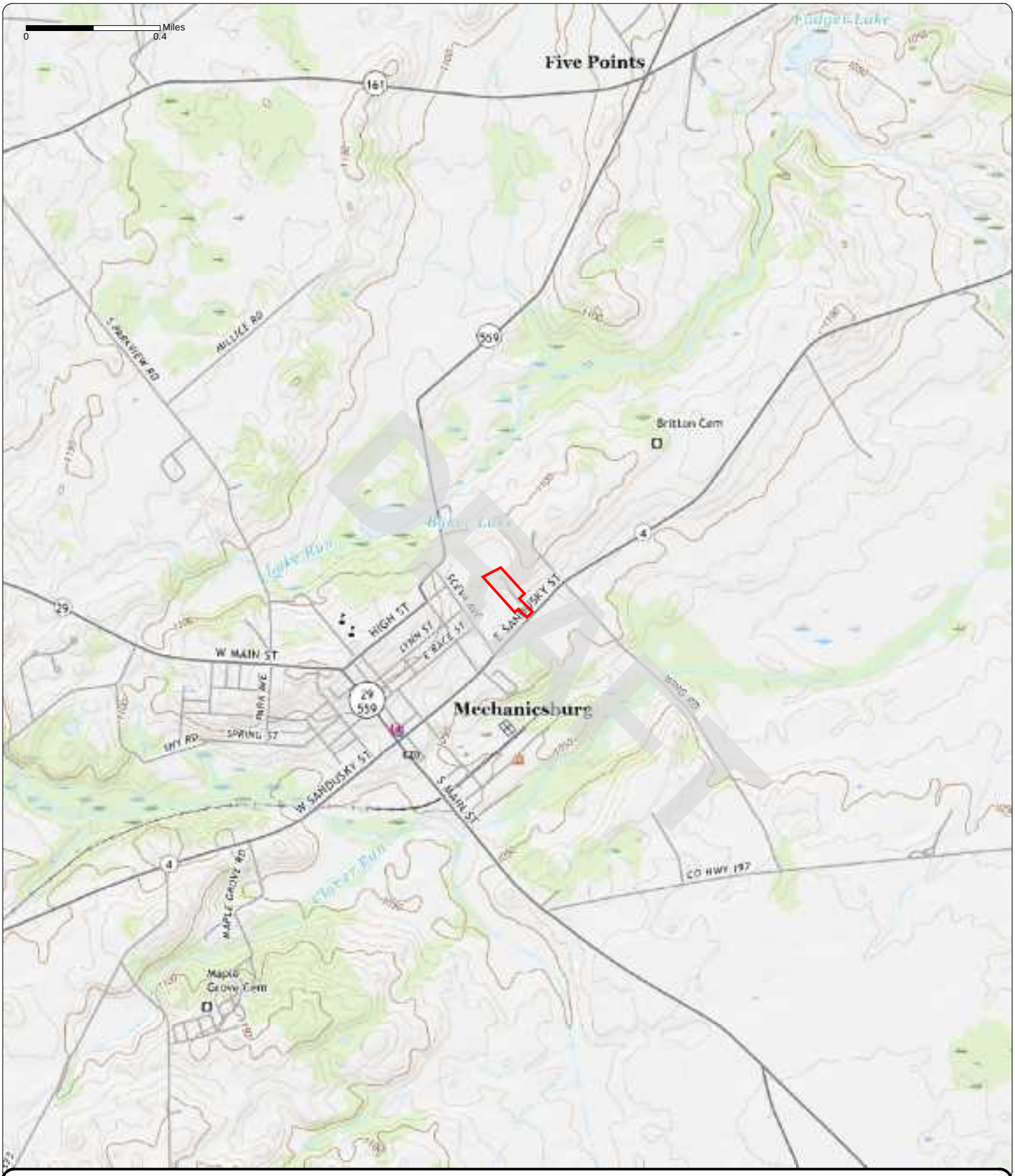
1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.



Order No. 25012200042

2019

Quadrangle(s): Mechanicsburg, OH

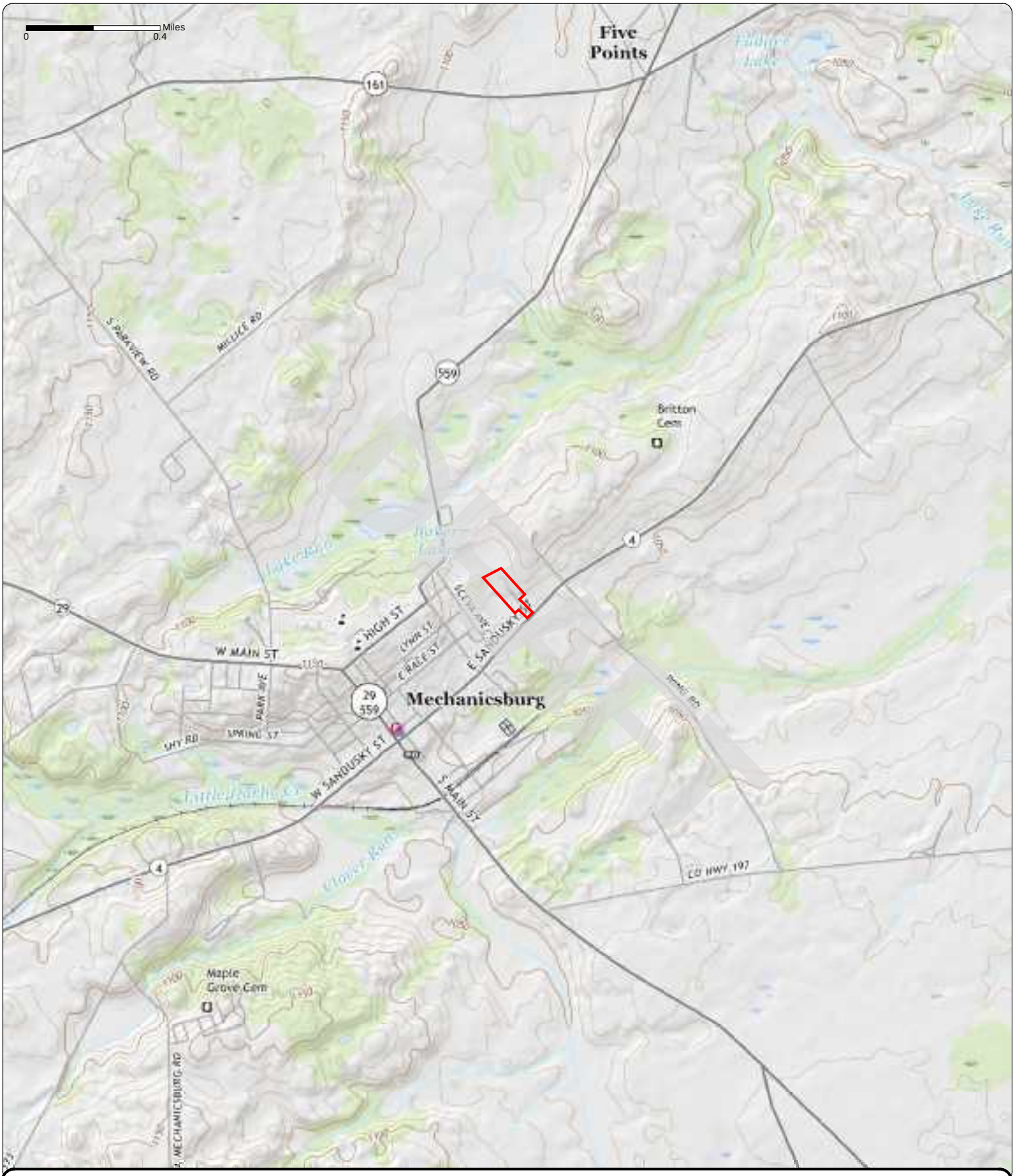
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 25012200042

2016

Quadrangle(s): Mechanicsburg, OH

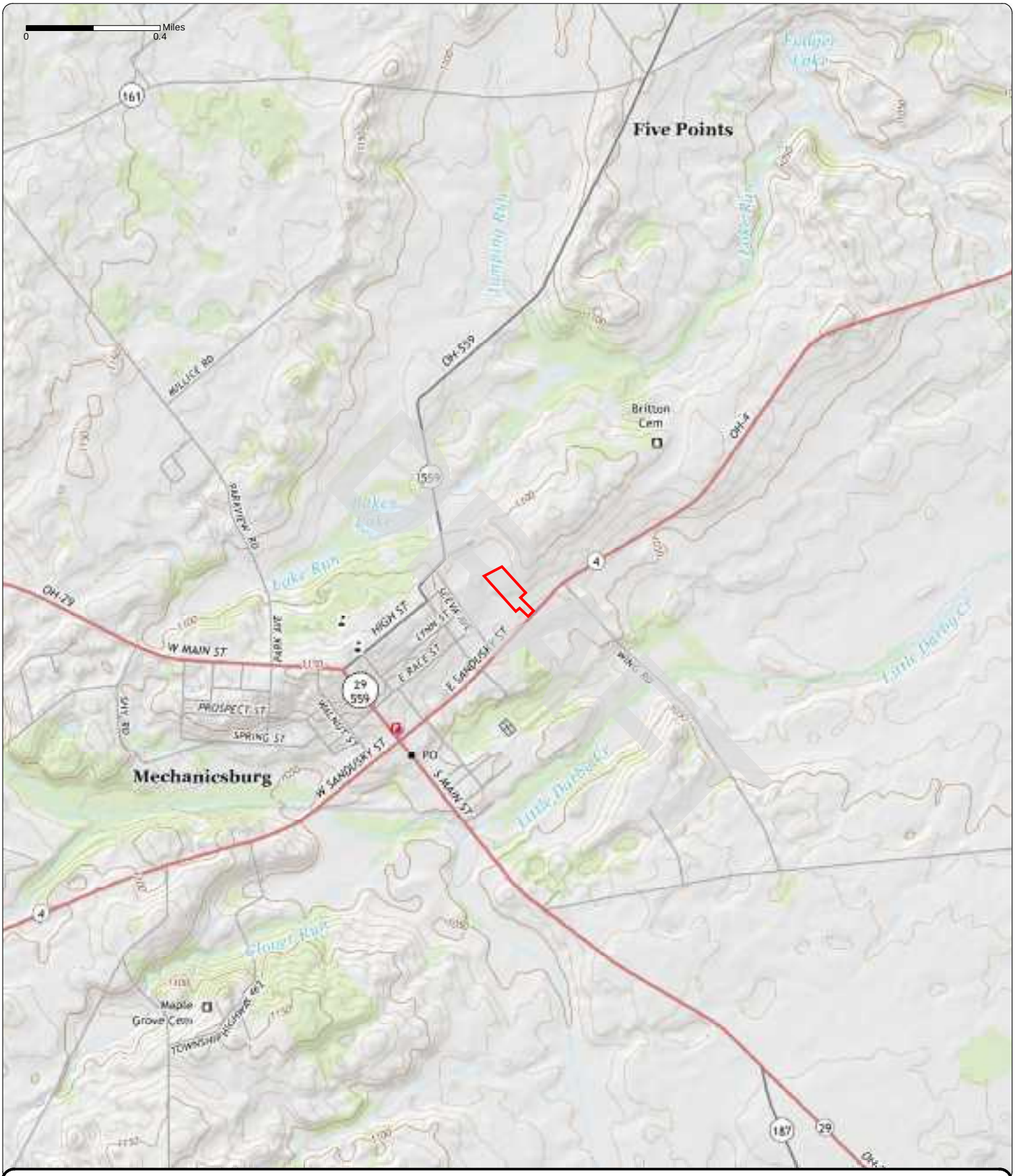
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 25012200042

2013

Quadrangle(s): Mechanicsburg, OH

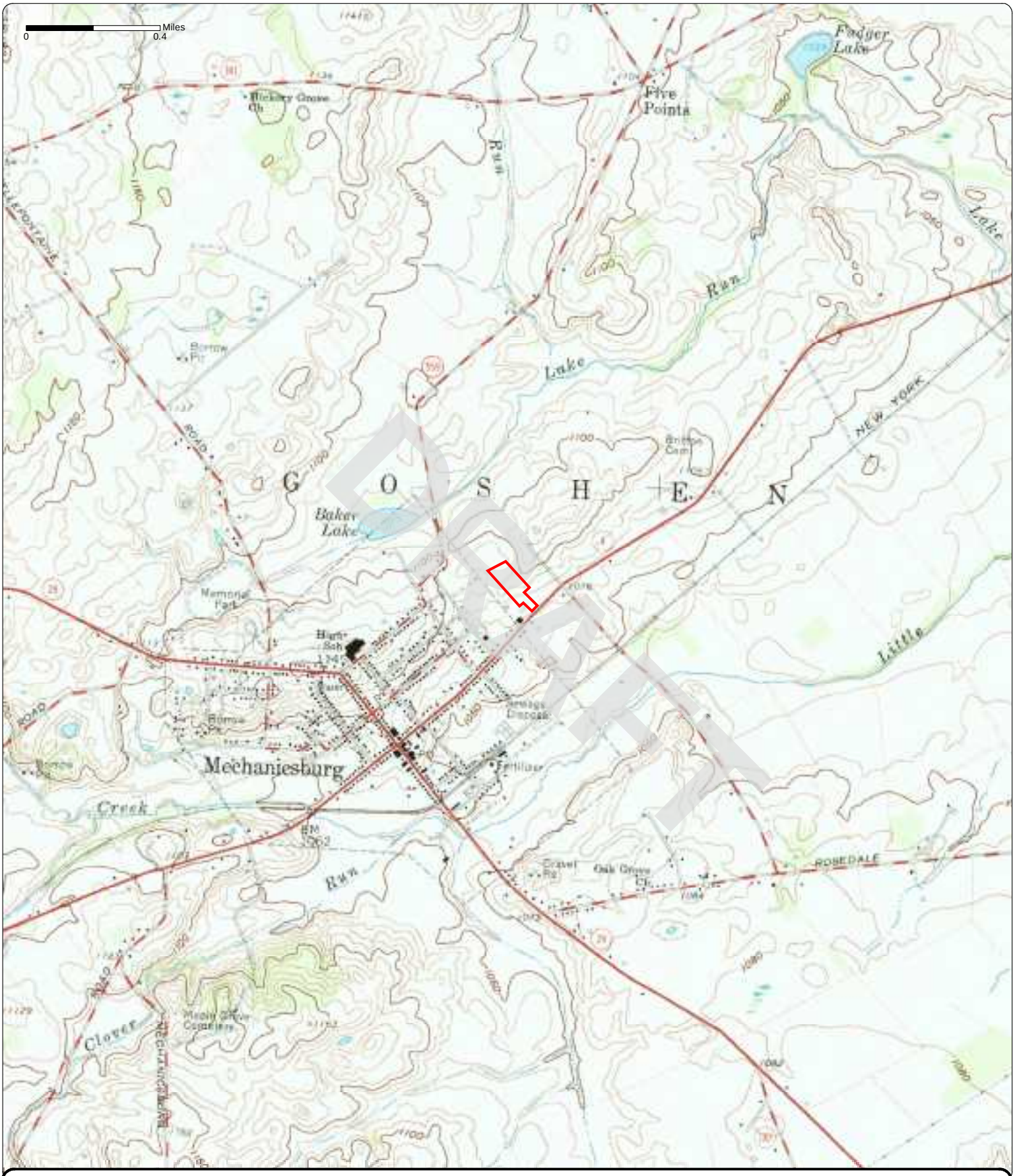
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 25012200042

1980 (1-1980) *Aerial Photo Year: 1959*

Quadrangle(s): Mechanicsburg, OH(1-1980)

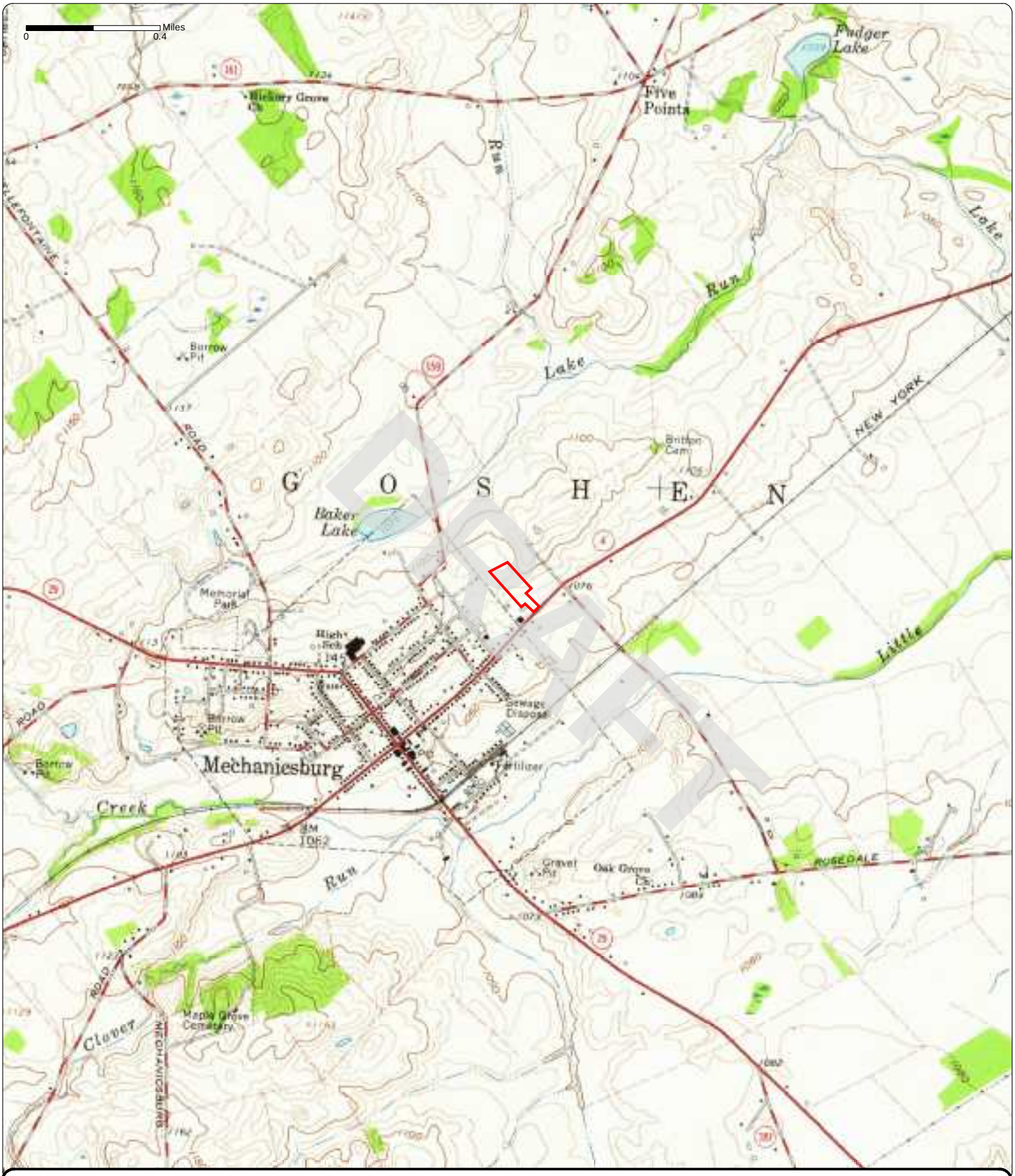
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 25012200042

1961 (1-1961) *Aerial Photo Year: 1959*

Quadrangle(s): Mechanicsburg, OH(1-1961)

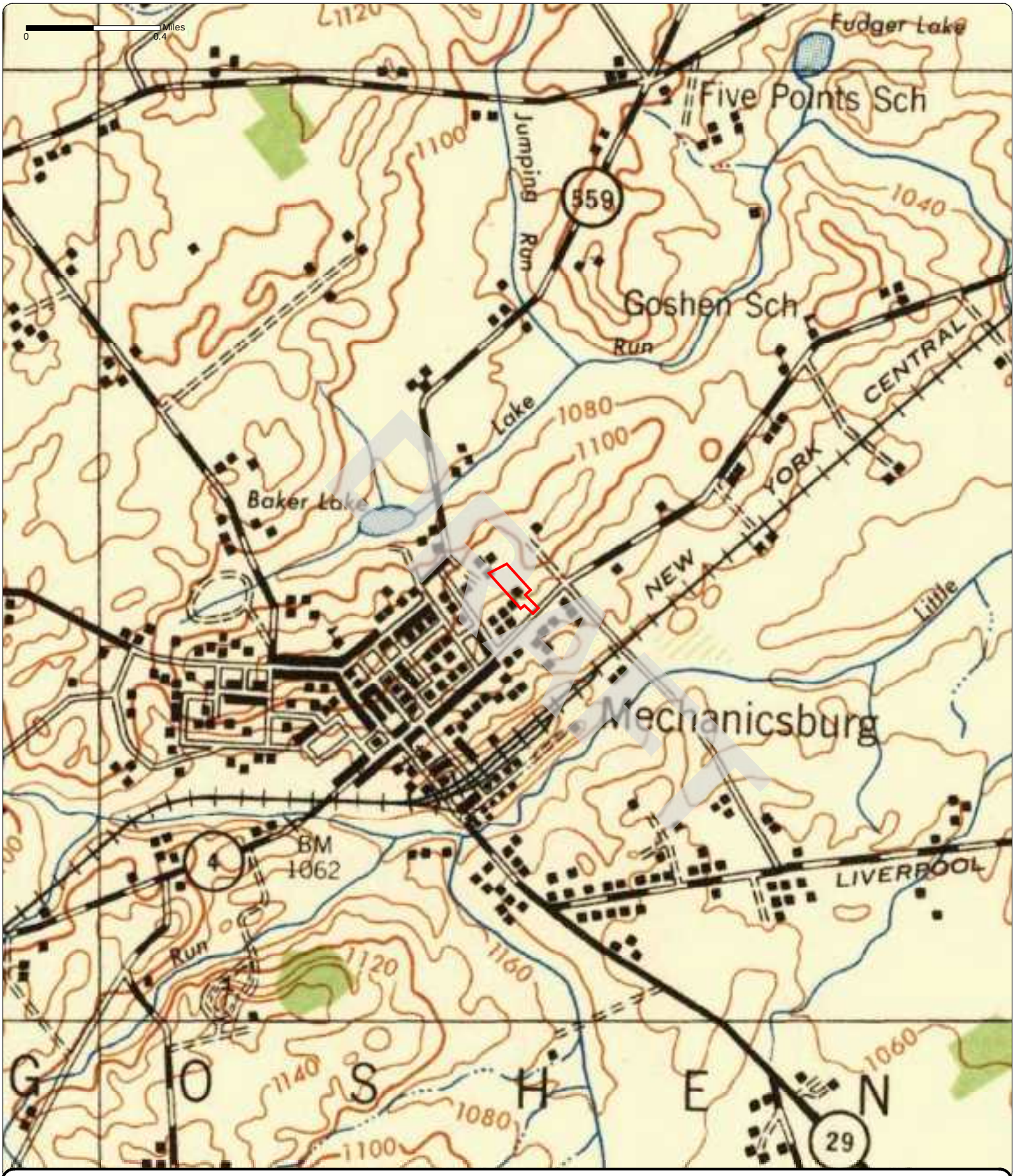
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 7.5 Minute Topographic Map

N

Nova Group



Order No. 25012200042

1944 *(1-1944)* *Aerial Photo Year: 1938*

Quadrangle(s): Mechanicsburg, OH(1-1944)

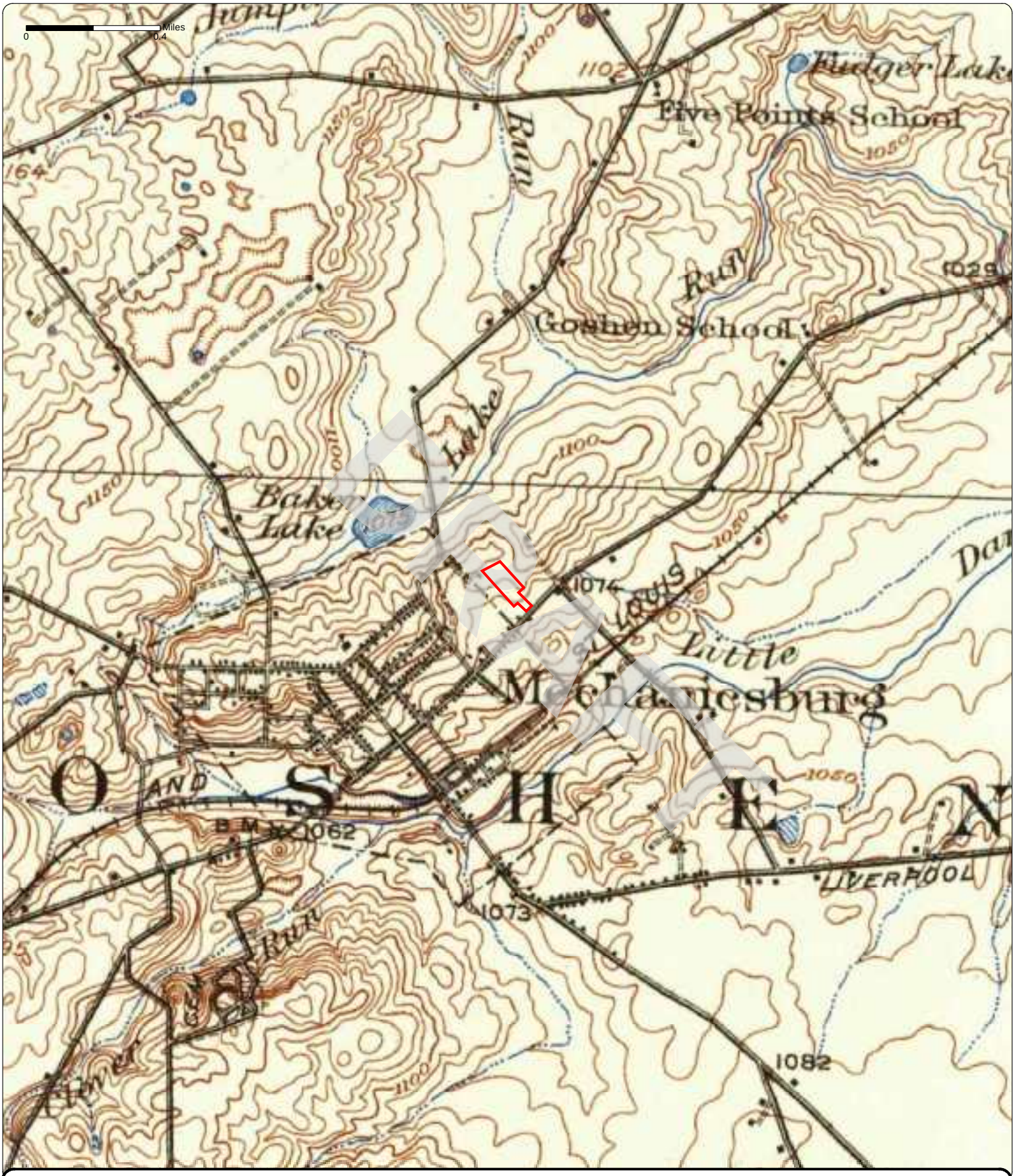
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 25012200042

1916

Quadrangle(s): Mechanicsburg, OH

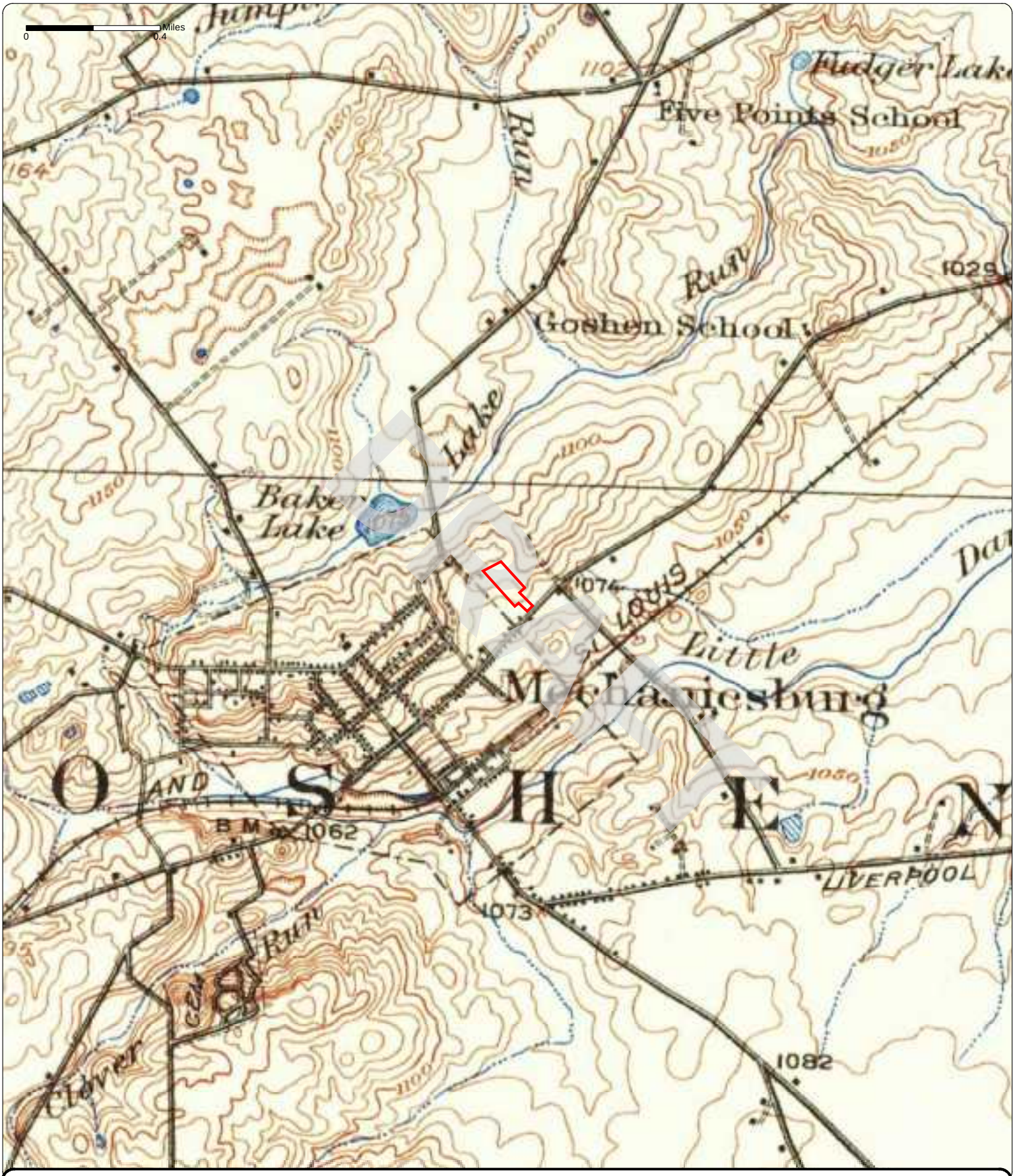
Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 15 Minute Topographic Map

N

Nova Group



Order No. 25012200042

1914

Quadrangle(s): Mechanicsburg, OH

Project No: KP25-0491

Site Name: Darby View Manufactured Housing Community, 284 E Sandusky St

Source: USGS 15 Minute Topographic Map

N

Nova Group

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APPENDIX B-3: Fire Insurance Maps

FIRE INSURANCE MAPS

DRAFT

Project Property: Darby View Manufactured Housing Community
284 E Sandusky St Mechanicsburg OH 43044
Project No: KP25-0491
Requested By: Nova Group, GBC
Order No: 25012200042
Date Completed: January 22, 2025

Please note that no information was found for your site or adjacent properties.

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APPENDIX B-4: City Directory Information

ERIS

CITY
DIRECTORY

DRAFT

Project Property:	*Darby View Manufactured Housing Community* *284 E Sandusky St* *Mechanicsburg,OH 43044*
Project No:	*KP25-0491*
Requested By:	*Nova Group, GBC*
Order No:	*25012200042*
Date Completed:	*January 28, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

January 28, 2025
RE: CITY DIRECTORY RESEARCH
284 E Sandusky St
Mechanicsburg,OH 43044

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

DRAFT

Search Criteria:
200-300 of E Sandusky St
ALL of Sceva Ave
Search Notes:
200-300 E Sandusky St is also known as 10400-10700 OH-4.

Search Results Summary

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1962	ROBINSONS	

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2023 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **KIMBERLY LAYNE**...*RESIDENTIAL*
201 **BETTY RODGERS**...*RESIDENTIAL*
202 **AMIE FOX**...*RESIDENTIAL*
206 **HEIDI LOVE-JACKSON**...*RESIDENTIAL*
206 **SCOTT WOOD**...*RESIDENTIAL*
227 **CARL FOSS**...*RESIDENTIAL*
227 **CONNIE FOSS**...*RESIDENTIAL*
231 **ASHLEA HULL**...*RESIDENTIAL*
240 **BRENDA WILLIAMS**...*RESIDENTIAL*
245 **LARRY BELL**...*RESIDENTIAL*
258 **PEGGY DUFFY**...*RESIDENTIAL*
261 **JEANETTE MALO**...*RESIDENTIAL*
264 **BRIAN GANO**...*RESIDENTIAL*
264 **GAGE GANO**...*RESIDENTIAL*
283 **JOANNE HUTSON**...*RESIDENTIAL*
284 **BRANDY BURKS**...*RESIDENTIAL*
284 **CAROL FROST**...*RESIDENTIAL*
284 **CHERYL KEERAN**...*RESIDENTIAL*
284 **DANNY FLEMINGS**...*RESIDENTIAL*
284 **DENNIS TATMAN**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **JAMES HERRON**...*RESIDENTIAL*
284 **JERROD BURKS**...*RESIDENTIAL*
284 **JON FONCANNON**...*RESIDENTIAL*
284 **LAYLA MASSIE**...*RESIDENTIAL*
284 **RONALD INMAN**...*RESIDENTIAL*
284 **STANLEY OLIVER**...*RESIDENTIAL*
284 **TIMOTHY TULL**...*RESIDENTIAL*
286 **FAMILY DOLLAR STORE**...*DEPARTMENT STORES*
286 **FAMILY DOLLAR STORE**...*VARIETY STORES*
10555 **EDWARD EDWARDS**...*RESIDENTIAL*
10579 **GOSHEN LANES**...*BOWLING CENTERS*
10579 **GOSHEN LANES**...*BOWLING APPAREL & ACCESSORIES*
10579 **PIZZA ALLEY**...*RESTAURANTS*
10579 **PIZZA ALLEY**...*HOTELS & MOTELS*
10579 **PIZZA ALLEY**...*FOODSCARRY OUT*
10579 **PIZZA ALLEY**...*PIZZA*
10601 **CYNTHIA BEBOUT**...*RESIDENTIAL*
10601 **MATTHEW BEBOUT**...*RESIDENTIAL*
10618 **DOROTHY WELCH**...*RESIDENTIAL*
10660 **DAVID GEORGE**...*RESIDENTIAL*
10660 **GEORGE'S CABINETS LLC**...*CABINETS*
10660 **GEORGES CABINET SHOP**...*CARPENTERS*

2023 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **PHILIP SHETLER**...*RESIDENTIAL*
6 **HANNAH HODGE**...*RESIDENTIAL*
6 **JEROLD WESTFALL**...*RESIDENTIAL*
16 **JESSICA NEIMEYER**...*RESIDENTIAL*
16 **STEVEN NEIMEYER**...*RESIDENTIAL*
103 **RANDI BROWN**...*RESIDENTIAL*
105 **BRINDA SHONKWILER**...*RESIDENTIAL*
105 **JAY MASSIE**...*RESIDENTIAL*
108 **GINGER JONES**...*RESIDENTIAL*
108 **WILLIAM JONES**...*RESIDENTIAL*
109 **NETTIE TOMBLIN**...*RESIDENTIAL*
115 **EDMOND LEVALLEY**...*RESIDENTIAL*
119 **BRITTNEE ESTEP**...*RESIDENTIAL*
128 **LINDA WASKOM**...*RESIDENTIAL*
128 **PHILIP WASKOM**...*RESIDENTIAL*
204 **HOPE NOTT**...*RESIDENTIAL*
205 **CALVARY SOUTHERN BAPTIST CHR**...*CHURCHES*

DRAFT

2020 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **KIMBERLY LAYNE**...*RESIDENTIAL*
201 **BETTY RODGERS**...*RESIDENTIAL*
202 **AMIE FOX**...*RESIDENTIAL*
206 **SCOTT WOOD**...*RESIDENTIAL*
227 **CARL FOSS**...*RESIDENTIAL*
231 **ASHLEA HULL**...*RESIDENTIAL*
240 **BRENDA WILLIAMS**...*RESIDENTIAL*
245 **LARRY BELL**...*RESIDENTIAL*
258 **PEGGY DUFFY**...*RESIDENTIAL*
261 **JEANETTE MALO**...*RESIDENTIAL*
264 **BRIAN GANO**...*RESIDENTIAL*
284 **BRANDY BURKS**...*RESIDENTIAL*
284 **CAROL FROST**...*RESIDENTIAL*
284 **CHERYL KEERAN**...*RESIDENTIAL*
284 **DANNY FLEMINGS**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **JAMES HERRON**...*RESIDENTIAL*
284 **JERROD BURKS**...*RESIDENTIAL*
284 **JON FONCANNON**...*RESIDENTIAL*
284 **LAYLA MASSIE**...*RESIDENTIAL*
284 **RONALD INMAN**...*RESIDENTIAL*
284 **STANLEY OLIVER**...*RESIDENTIAL*
284 **TIMOTHY TULL**...*RESIDENTIAL*
286 **FAMILY DOLLAR STORE**...*VARIETY STORES*
286 **FAMILY DOLLAR STORE**...*DEPARTMENT STORES*
10555 **EDWARD EDWARDS**...*RESIDENTIAL*
10579 **GOSHEN LANES**...*BOWLING APPAREL & ACCESSORIES*
10579 **GOSHEN LANES**...*BOWLING CENTERS*
10579 **PIZZA ALLEY**...*RESTAURANTS*
10579 **PIZZA ALLEY**...*FOODSCARRY OUT*
10579 **PIZZA ALLEY**...*HOTELS & MOTELS*
10579 **PIZZA ALLEY**...*PIZZA*
10601 **CYNTHIA BEBOUT**...*RESIDENTIAL*
10618 **DOROTHY WELCH**...*RESIDENTIAL*
10660 **DAVID GEORGE**...*RESIDENTIAL*
10660 **GEORGE'S CABINETS LLC**...*CABINETS*
10660 **GEORGES CABINET SHOP**...*CARPENTERS*

2020 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **PHILIP SHETLER**...*RESIDENTIAL*
6 **JEROLD WESTFALL**...*RESIDENTIAL*
16 **JESSICA NEIMEYER**...*RESIDENTIAL*
103 **RANDI BROWN**...*RESIDENTIAL*
105 **BRINDA SHONKWILER**...*RESIDENTIAL*
108 **GINGER JONES**...*RESIDENTIAL*
108 **WILLIAM JONES**...*RESIDENTIAL*
115 **EDMOND LEVALLEY**...*RESIDENTIAL*
119 **BRITTNEE ESTEP**...*RESIDENTIAL*
128 **LINDA WASKOM**...*RESIDENTIAL*
204 **HOPE NOTT**...*RESIDENTIAL*
205 **CALVARY SOUTHERN BAPTIST CHR**...*CHURCHES*

DRAFT

2016 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **KIMBERLY LAYNE**...*RESIDENTIAL*
201 **BETTY RODGERS**...*RESIDENTIAL*
210 **BUZZARD BARN**...*NONCLASSIFIED ESTABLISHMENTS*
210 **BUZZARD BARN TRUCK & EQUIP SLS**...*AUTOMOBILE DEALERS-USED CARS*
211 **JOANN SPARKS**...*RESIDENTIAL*
227 **CARL FOSS**...*RESIDENTIAL*
227 **CONNIE FOSS**...*RESIDENTIAL*
227 **LOUELLA FOSS**...*RESIDENTIAL*
227 **PAUL FOSS**...*RESIDENTIAL*
231 **ASHLEA HULL**...*RESIDENTIAL*
231 **MIKE HULL**...*RESIDENTIAL*
231 **NATALIE HULL**...*RESIDENTIAL*
240 **BRENDA WILLIAMS**...*RESIDENTIAL*
240 **RONNIE WILLIAMS**...*RESIDENTIAL*
245 **LARRY BELL**...*RESIDENTIAL*
258 **PEGGY DUFFY**...*RESIDENTIAL*
261 **JEANETTE MALO**...*RESIDENTIAL*
261 **SARAH SHOEMAKER**...*RESIDENTIAL*
264 **BRIAN GANO**...*RESIDENTIAL*
264 **GAGE GANO**...*RESIDENTIAL*
264 **KEITHA GANO**...*RESIDENTIAL*
282 **ATM**...*AUTOMATED TELLER MACHINES*
282 **U-HAUL NEIGHBORHOOD DEALER**...*TRUCK RENTING & LEASING*
284 **BRANDY BURKS**...*RESIDENTIAL*
284 **CAROL FROST**...*RESIDENTIAL*
284 **DANNY FLEMINGS**...*RESIDENTIAL*
284 **GARRY FROST**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **JAY MASSIE**...*RESIDENTIAL*
284 **JERROD BURKS**...*RESIDENTIAL*
284 **PAMELA MASSIE**...*RESIDENTIAL*
284 **PERRY MASSIE**...*RESIDENTIAL*
284 **RONALD INMAN**...*RESIDENTIAL*
284 **TIMOTHY TULL**...*RESIDENTIAL*
286 **FAMILY DOLLAR STORE**...*DEPARTMENT STORES*
286 **FAMILY DOLLAR STORE**...*VARIETY STORES*
10555 **EDWARD EDWARDS**...*RESIDENTIAL*
10555 **JULIA EDWARDS**...*RESIDENTIAL*
10579 **ATM**...*AUTOMATED TELLER MACHINES*
10579 **GOSHEN LANES**...*BOWLING CENTERS*
10579 **MAGIC SCORE REPAIR**...*REPAIR SHOPS & RELATED SERVICES NEC*
10579 **PIZZA ALLEY**...*PIZZA*
10579 **PIZZA ALLEY**...*RESTAURANTS*
10601 **CYNTHIA BEBOUT**...*RESIDENTIAL*
10601 **MATTHEW BEBOUT**...*RESIDENTIAL*
10601 **STEPHEN BEBOUT**...*RESIDENTIAL*
10601 **VICTORIA BEBOUT**...*RESIDENTIAL*
10618 **RONALD WELCH**...*RESIDENTIAL*
10660 **GEORGES CABINET SHOP**...*CARPENTERS*

2016 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

14 **BRINDA SHONKWILER**...*RESIDENTIAL*
14 **IDA MILLER**...*RESIDENTIAL*
16 **JESSICA NEIMEYER**...*RESIDENTIAL*
16 **STEVEN NEIMEYER**...*RESIDENTIAL*
107 **SYLVIA EVANS**...*RESIDENTIAL*
107 **THOMAS EVANS**...*RESIDENTIAL*
108 **GINGER JONES**...*RESIDENTIAL*
108 **WILLIAM JONES**...*RESIDENTIAL*
111 **JESSIKA VIOLET**...*RESIDENTIAL*
115 **EDMOND LEVALLEY**...*RESIDENTIAL*
128 **LINDA WASKOM**...*RESIDENTIAL*
128 **PHILIP WASKOM**...*RESIDENTIAL*
204 **HOPE NOTT**...*RESIDENTIAL*
205 **CALVARY SOUTHERN BAPTIST CHR**...*CHURCHES*

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2012 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **DAVID FRALEY**...*RESIDENTIAL*
200 **JOSH FRALEY**...*RESIDENTIAL*
200 **KIMBERLY LAYNE**...*RESIDENTIAL*
201 **BETTY RODGERS**...*RESIDENTIAL*
201 **DAVID RODGERS**...*RESIDENTIAL*
202 **MARGARET DILLARD**...*RESIDENTIAL*
206 **HEIDI LOVE**...*RESIDENTIAL*
206 **HEIDI WOOD**...*RESIDENTIAL*
206 **SCOTT WOOD**...*RESIDENTIAL*
210 **BUZZARD BARN TRUCK & EQUIP SLS**...*NONCLASSIFIED ESTABLISHMENTS*
217 **EDWARD FITCH**...*RESIDENTIAL*
223 **BRENDA CUSHMAN**...*RESIDENTIAL*
223 **JAMES CUSHMAN**...*RESIDENTIAL*
227 **ANDREW FOSS**...*RESIDENTIAL*
227 **BEAU FOSS**...*RESIDENTIAL*
227 **CARL FOSS**...*RESIDENTIAL*
227 **CONNIE FOSS**...*RESIDENTIAL*
227 **PAUL FOSS**...*RESIDENTIAL*
231 **PATRICIA GOULD**...*RESIDENTIAL*
240 **MAPLE GROVE CEMETERIES**...*CEMETERIES*
245 **CYNTHIA BELL**...*RESIDENTIAL*
245 **LARRY BELL**...*RESIDENTIAL*
257 **THOMAS KELLER**...*RESIDENTIAL*
258 **JASON KING**...*RESIDENTIAL*
258 **PEGGY DUFFY**...*RESIDENTIAL*
261 **HUGO MALO**...*RESIDENTIAL*
261 **JEANETTE MALO**...*RESIDENTIAL*
261 **PAUL SHOEMAKER**...*RESIDENTIAL*
261 **SARAH SHOEMAKER**...*RESIDENTIAL*
264 **BRIAN GANO**...*RESIDENTIAL*
264 **KEITHA GANO**...*RESIDENTIAL*
270 **STEPHANIE SWENSON**...*RESIDENTIAL*
275 **ANNA CURTIS**...*RESIDENTIAL*
275 **DAVID BARCLAY**...*RESIDENTIAL*
275 **MICHELE BARCLAY**...*RESIDENTIAL*
275 **ROBERT CURTIS**...*RESIDENTIAL*
282 **PRESTON'S IGA**...*GROCERS-RETAIL*
282 **U-HAUL NEIGHBORHOOD DEALER**...*TRUCK RENTING & LEASING*
283 **JOANNE HUTSON**...*RESIDENTIAL*
284 **DARREN SEAGLE**...*RESIDENTIAL*
284 **ELIZABETH BECK**...*RESIDENTIAL*
284 **FEDRO ADAMS**...*RESIDENTIAL*
284 **HOBERT ADAMS**...*RESIDENTIAL*
284 **JAMES HERRON**...*RESIDENTIAL*
284 **JUDITH ADAMS**...*RESIDENTIAL*
284 **LAWRENCE PULLINS**...*RESIDENTIAL*
284 **LEE WHITED**...*RESIDENTIAL*
284 **TIMOTHY TULL**...*RESIDENTIAL*
284 **TONY BURKS**...*RESIDENTIAL*
284 **WILLIAM FULCHER**...*RESIDENTIAL*
285 **JEFF RIPLEY**...*RESIDENTIAL*
285 **JEFFERY RIPLEY**...*RESIDENTIAL*
286 **FAMILY DOLLAR STORE**...*VARIETY STORES*
10555 **E EDWARDS**...*RESIDENTIAL*
10555 **JOSEPH EDWARDS**...*RESIDENTIAL*
10555 **JULIA EDWARDS**...*RESIDENTIAL*
10579 **PIZZA ALLEY**...*PIZZA*
10601 **CYNTHIA BEBOUT**...*RESIDENTIAL*
10601 **CYNTHIA DEBOUT**...*RESIDENTIAL*
10601 **STEPHEN BEBOUT**...*RESIDENTIAL*
10601 **STEPHEN DEBOUT**...*RESIDENTIAL*
10618 **LUCILLE WELCH**...*RESIDENTIAL*
10618 **RONALD WELCH**...*RESIDENTIAL*
10660 **GEORGES CABINET SHOP**...*CARPENTERS*
10660 **LB GEORGE**...*RESIDENTIAL*
10660 **LORETTA GEORGE**...*RESIDENTIAL*
10660 **PAUL GEORGE**...*RESIDENTIAL*

2012 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

6 **WILLIAM WESTFALL**...*RESIDENTIAL*
14 **LESLIE SHONKWILER**...*RESIDENTIAL*
14 **TIMOTHY RUNYON**...*RESIDENTIAL*
101 **MARION PORTER**...*RESIDENTIAL*
105 **DAVID WING**...*RESIDENTIAL*
106 **JAMES MOORE**...*RESIDENTIAL*
107 **BILL STANDLEY**...*RESIDENTIAL*
107 **BILL STANLEY**...*RESIDENTIAL*
108 **GINGER JONES**...*RESIDENTIAL*
115 **EDMOND LEVALLEY**...*RESIDENTIAL*
119 **CINDY ESTEP**...*RESIDENTIAL*
128 **LINDA WASKOM**...*RESIDENTIAL*
135 **DANIEL GRIFFITH**...*RESIDENTIAL*
135 **KELLY GRIFFITH**...*RESIDENTIAL*
135 **SCOTT NANGLE**...*RESIDENTIAL*
204 **BRITTANY GIBSON**...*RESIDENTIAL*
204 **KELLY BROWN**...*RESIDENTIAL*
204 **MARK BOWSHIRE**...*RESIDENTIAL*
204 **SHIRLEY HUFF**...*RESIDENTIAL*
205 **CALVARY SOUTHERN BAPTIST CHR**...*CHURCHES*

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2008 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **ROBERT J HUNTER**...*RESIDENTIAL*
202 **DAN DILLARD**...*RESIDENTIAL*
211 **A TROUP**...*RESIDENTIAL*
217 **EDWARD FITCH**...*RESIDENTIAL*
223 **CHAD CUSHMAN**...*RESIDENTIAL*
227 **PAUL FOSS**...*RESIDENTIAL*
240 **J POWELL**...*RESIDENTIAL*
245 **LARRY & CYNTHIA BELL**...*RESIDENTIAL*
258 **P A DUFFY**...*RESIDENTIAL*
261 **JEANNETTE MALO**...*RESIDENTIAL*
264 **BRIAN L GANO**...*RESIDENTIAL*
270 **JASON SEESHOLTZ**...*RESIDENTIAL*
271 **J & LINDA H YODER**...*RESIDENTIAL*
275 **ROBERT CURTIS**...*RESIDENTIAL*
282 **JACK RITCHIE**...*RESIDENTIAL*
283 **N E KEEN**...*RESIDENTIAL*
284 **A CAMPBELL**...*RESIDENTIAL*
284 **BARBARA R HANKS**...*RESIDENTIAL*
284 **BRANDY CAMPBELL**...*RESIDENTIAL*
284 **C KEERAN**...*RESIDENTIAL*
284 **CAROL FROST**...*RESIDENTIAL*
284 **DOROTHY M OLIVER**...*RESIDENTIAL*
284 **EDWIN L HATCHER**...*RESIDENTIAL*
284 **ERIN SNEED**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **JERRY WYATT**...*RESIDENTIAL*
284 **L M VANHOOSE**...*RESIDENTIAL*
284 **MARY HERRON**...*RESIDENTIAL*
284 **MICHAEL THOMPSON**...*RESIDENTIAL*
284 **MILVA ADAMS**...*RESIDENTIAL*
284 **PAUL & DUSTI BARE**...*RESIDENTIAL*
284 **RONALD H INMAN**...*RESIDENTIAL*
284 **S TERWEY**...*RESIDENTIAL*
284 **TONY BURKS**...*RESIDENTIAL*
284 **WADE BARE**...*RESIDENTIAL*
285 **JEFF RIPLEY**...*RESIDENTIAL*
286 **NO LIMITS**...*REPAIR SERVICES RET MOTORCYCLES*
10579 **GOSHEN LANES**...*BOWLING CENTERS*
10579 **PIZZA ALLEY**...*EATING PLACE*
10601 **STEPHEN BEBOUT**...*RESIDENTIAL*
10660 **GEORGES CABINET SHOP**...*CARPENTRY CONTRACTOR*
10660 **L & PAUL B GEORGE**...*RESIDENTIAL*

2008 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **PHILIP J SHETLER**...*RESIDENTIAL*
6 **WILLIAM P WESTFALL**...*RESIDENTIAL*
11 **TULLIS TRUCKING**...*TRUCKING-CONTRACT HAULING*
14 **KIMBERLY NOTT**...*RESIDENTIAL*
14 **SHANNA HUGHES**...*RESIDENTIAL*
49 **PHILIP WASKOM**...*RESIDENTIAL*
100 **CARL BULLARD**...*RESIDENTIAL*
101 **MARION E PORTER**...*RESIDENTIAL*
103 **JAMES WESTFALL**...*RESIDENTIAL*
105 **ALAN L RANDOLPH**...*RESIDENTIAL*
105 **M L WING**...*RESIDENTIAL*
106 **HAZEL M MOORE**...*RESIDENTIAL*
107 **BILL STANLEY**...*RESIDENTIAL*
108 **G S JONES**...*RESIDENTIAL*
111 **F REEVES**...*RESIDENTIAL*
119 **CHARLES ESTEP**...*RESIDENTIAL*
135 **SCOTT NANGLE**...*RESIDENTIAL*

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2003 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **ROBERT J HUNTER**...*RESIDENTIAL*
201 **R L BUTZ**...*RESIDENTIAL*
206 **WM CLIGROW**...*RESIDENTIAL*
210 **CHET'S IGA MARKET**
217 **EDWARD FITCH**...*RESIDENTIAL*
223 **B J CUSHMAN**...*RESIDENTIAL*
227 **PAUL FOSS**...*RESIDENTIAL*
231 **RAYMOND GOULD**...*RESIDENTIAL*
240 **M T ROBINSON**...*RESIDENTIAL*
245 **LARRY & CYNTHIA BELL**...*RESIDENTIAL*
257 **WM KELLER**...*RESIDENTIAL*
258 **P A DUFFY**...*RESIDENTIAL*
261 **SUSAN S MEYER**...*RESIDENTIAL*
264 **GERRY C WALTERS**...*RESIDENTIAL*
270 **DANIEL DIAL**...*RESIDENTIAL*
271 **J HERMAN & LINDA L YODER**...*RESIDENTIAL*
283 **N E KEEN**...*RESIDENTIAL*
284 **D SMITH**...*RESIDENTIAL*
284 **DOROTHY E DOZER**...*RESIDENTIAL*
284 **DOROTHY M OLIVER**...*RESIDENTIAL*
284 **EDWIN L HATCHER**...*RESIDENTIAL*
284 **FEDROE ADAMS**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **HOOSE L M VAN**...*RESIDENTIAL*
284 **KELLY JO REED**...*RESIDENTIAL*
284 **LUTHER OWEN**...*RESIDENTIAL*
284 **PATRICIA THOMPSON**...*RESIDENTIAL*
284 **W CORNELISON**...*RESIDENTIAL*
284 **WILLIAM C SHORT**...*RESIDENTIAL*
285 **JEFF RIPLEY**...*RESIDENTIAL*
286 **NO LIMIT**
10545 **KENNETH E RILEY**...*RESIDENTIAL*
10554 **ROBERT W RUTAN**...*RESIDENTIAL*
10554 **ROSELLA GARTIN**...*RESIDENTIAL*
10574 **RODNEY CUNNINGHAM**...*RESIDENTIAL*
10574 **S & C FLEMING**...*RESIDENTIAL*
10579 **GOSHEN LANES**
10579 **PIZZA ALLEY**
10640 **WALTER E SR ARICK**...*RESIDENTIAL*
10684 **JAMES YOUNG**...*RESIDENTIAL*

2003 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **PHILIP J SHETLER**...*RESIDENTIAL*
6 **WILLIAM P WESTFALL**...*RESIDENTIAL*
11 **TULLIS TRUCKING**...*ANIMAL AND FARM PRODUCT TRANSPORTATION SERVICES*
14 **BETH MOORE**...*RESIDENTIAL*
14 **CAROL RUSSELL**...*RESIDENTIAL*
14 **DARREN E DUNHAM**...*RESIDENTIAL*
14 **HOWARD HARRIS**...*RESIDENTIAL*
14 **WILLIAM E WILLETT**...*RESIDENTIAL*
16 **JOHN NEIMEYER**...*RESIDENTIAL*
49 **JACK GAVER**...*RESIDENTIAL*
101 **MARION E PORTER**...*RESIDENTIAL*
103 **JAMES WESTFALL**...*RESIDENTIAL*
105 **M L WING**...*RESIDENTIAL*
105 **MARVIN L ROGAN**...*RESIDENTIAL*
106 **HAZEL M & JIM MOORE**...*RESIDENTIAL*
108 **GINGER S JONES**...*RESIDENTIAL*
115 **EDMOND M LEVALLEY**...*RESIDENTIAL*

DRAFT

2000 E SANDUSKY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

200 **ROBERT J HUNTER**...*RESIDENTIAL*
201 **R L BUTZ**...*RESIDENTIAL*
206 **WILLIAM CLIGROW**...*RESIDENTIAL*
210 **CHET'S IGA MARKET**
217 **EDWARD FITCH**...*RESIDENTIAL*
223 **BRENDA J CUSHMAN**...*RESIDENTIAL*
227 **PAUL FOSS**...*RESIDENTIAL*
231 **RAYMOND GOULD**...*RESIDENTIAL*
240 **M T ROBINSON**...*RESIDENTIAL*
245 **LARRY & CYNTHIA BELL**...*RESIDENTIAL*
257 **WM KELLER**...*RESIDENTIAL*
258 **KATHRYN ADAMS**...*RESIDENTIAL*
261 **SUSAN S MEYER**...*RESIDENTIAL*
264 **GERRY C WALTERS**...*RESIDENTIAL*
270 **DANIEL DIAL**...*RESIDENTIAL*
271 **J HERMAN & LINDA L YODER**...*RESIDENTIAL*
275 **ROBERT CURTIS**...*RESIDENTIAL*
283 **N E KEEN**...*RESIDENTIAL*
284 **DOROTHY E DOZER**...*RESIDENTIAL*
284 **DOROTHY M OLIVER**...*RESIDENTIAL*
284 **EDWIN L HATCHER**...*RESIDENTIAL*
284 **FEDROE ADAMS**...*RESIDENTIAL*
284 **GEORGE ARNOLD**...*RESIDENTIAL*
284 **KELLY JO REED**...*RESIDENTIAL*
284 **L M VANHOOSE**...*RESIDENTIAL*
284 **LUTHER OWEN**...*RESIDENTIAL*
284 **PATRICIA THOMPSON**...*RESIDENTIAL*
284 **PAUL GREGORY**...*RESIDENTIAL*
284 **W CORNELISON**...*RESIDENTIAL*
284 **WILLIAM C SHORT**...*RESIDENTIAL*
285 **JEFF RIPLEY**...*RESIDENTIAL*
286 **LIMITS NO**...*RESIDENTIAL*
286 **NO LIMIT**
10545 **KENNETH E RILEY**...*RESIDENTIAL*
10554 **ROBERT W RUTAN**...*RESIDENTIAL*
10554 **ROSELLA GARTIN**...*RESIDENTIAL*
10579 **PIZZA ALLEY**
10640 **WALTER E ARICK**...*RESIDENTIAL*
10684 **JAMES YOUNG**...*RESIDENTIAL*

2000 SCEVA AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **PHILIP J SHETLER**...*RESIDENTIAL*
6 **WILLIAM P WESTFALL**...*RESIDENTIAL*
11 **TULLIS TRUCKING**
14 **DARREN E DUNHAM**...*RESIDENTIAL*
14 **HOWARD HARRIS**...*RESIDENTIAL*
14 **WM E WILLETT**...*RESIDENTIAL*
16 **JOHN NEIMEYER**...*RESIDENTIAL*
49 **JACK GAVER**...*RESIDENTIAL*
101 **MARION E PORTER**...*RESIDENTIAL*
103 **JAS WESTFALL**...*RESIDENTIAL*
105 **M L WING**...*RESIDENTIAL*
105 **MARVIN L ROGAN**...*RESIDENTIAL*
106 **HAZEL M & JIM MOORE**...*RESIDENTIAL*
108 **GINGER S JONES**...*RESIDENTIAL*
115 **EDMOND M LEVALLEY**...*RESIDENTIAL*
119 **V D MIRACLE**...*RESIDENTIAL*
135 **SCOTT NANGLE**...*RESIDENTIAL*

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1996 E SANDUSKY ST-A

SOURCE: POLKS

196 Cantrell James
200 Hunter Robert J
201 Butz R L
206 Cligrow William
210 CHET'S IGA
MARKET
217 Fitch Edward
223 Cushman B J
227 Foss Paul
231 Gould Raymond
240 Robinson M T
245 Bell Cynthia
Bell Larry
257 Keller William
258 Duffy P A
261 Meyer Susan S
264 Walters Gerry C
270 Dial Daniel
271 Yoder J H
Yoder Linda
275 Curtis Robert
282 Bare Wade
283 Keen N E
284 Adams Fedroe
Arnold George
Comelison W
Dozer Dorothy E
Hatcher Edwin L
Oliver Dorothy M
Owen Luther
Reed Kelly J
Short William C
Smith D
Thompson P
Vanhoose L M
285 Ripley Jeff

BUSINESSES 4

1996 E SANDUSKY ST-B

SOURCE: POLKS

9780 Standley Leonard
10555 Edwards Joseph
10579 GOSHEN
LANES
PIZZA ALLEY
10601 Anderson
Dennis G
10618 Welch Ron
10660 George L B
George Paul
10741 Cullars J E

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1996 SCEVA AVE

SOURCE: POLKS

SCEVA AVE (M)

2 Shetler Philip J.....
6 Westfall William P.....
11 TULLIS TRUCKING
14 Dunham Darren E...
Harris Howard.....
Moore Beth.....
Russell Carol.....
Willett William E...
16 Neimeyer John.....
49 Gaver Jack.....
101 Porter Marion E.....
103 Westfall James.....
105 Rogan Marvin L.....
Wing M L.....
106 Moore Hazel.....
Moore Jim.....
108 Jones G S.....
115 Levalley Edmond
M.....

BUSINESSES 1

1962 E SANDUSKY ST

SOURCE: ROBINSONS

2-Champaign County Road Guide
Road 3-Continued
R1 Quincy
1S Dill Kermit J Δ@97a
ROAD 40 intersects South
2S Engelhaupt Roy W Δ @270a
STATE ROUTE 69 intersects
D T & I RR crosses
Ends at Road 20

ROAD 4
(Champaign-Logan-Shelby Rd) (C-2)

ADAMS TWP
South from Logan County Line & Road 3

R1 Quincy
1E West Floyd E Δ
2E Rose Hugh E Δ@220a
3E Tripp Omar R @41a
Tripp Marion R @3a
ROAD 21 intersects East
Ends at Road 32

STATE ROUTE 4
(L-29)

GOSHEN TWP
Southwest from Union County Line

R1 Woodstock
1N Timmons Chas
Timmons Edna M
R2 Mechanicsburg
2N Evans John F @340a
R1 Woodstock
3S Carter Atlee E
4N Hazel Cemetery
Road turns South
STATE ROUTE 161 intersects West
R2 Mechanicsburg
5W Hatfield Chas H Δ@103a
ROAD 243 intersects East
6E Mitchell R C Δ@300a
7E Broderick Chas
8E Collier Jos E Δ@61a
Collier Lettie A Δ
9W Gaver Mabel B Δ@166a
Gaver Max Δ
10E Sherman Bert K
11W Huebner Walter J @171a
12W Vacant House
NYC RR crosses
LANE intersects East
13E Collinsworth Waldo R Δ
LANE intersects East
14S Vacant House
15N Wildermuth Jos T550a
VanHoose Handel Δ
R1 Mechanicsburg
16W Fraley Chas Δ
16W Fraley Gravel Trucking Δ
17 Vacant School
LANE intersects East
R2 Mechanicsburg
18N Sollars Robt L Δ
19W VanHoose Elmer W Δ T237a
20E Michael Gene Δ@187a
Michael Judith L Δ
Michael Carolyn A Δ
21E Sollars Ernest W Δ T212a
22W Britton Cemetery
23E Keller Waite W Δ@
24E Rice Ora M Δ@5a
25E First Church of God
LANE intersects West
26N Moore Ben Δ@310a
ROAD 200 intersects South
27E Timmons Kenneth R Δ
28E Welch Richd Δ@67a
Welch Ron Δ
Welch Bob Δ
29W Mad-O-Pure All Star Dairies Δ
30W Owen Luther Δ@
Middleton Gail(rear)
31W Gaver's Tire Center Δ
LANE intersects West
32W Gaver Roger L
33E Hayes Roy E Δ@10a
MECHANICSBURG Limits-East
MECHANICSBURG Limits-West
R1 Mechanicsburg
34E Maple Grove Cemetery
35E Davisson Floriculturist Δ
Davisson Edwin C Δ@7a
36E Davisson Elden C @(trlr)
37W Standley Leonard W @
38W Venrick Donald E Δ@5a
39E Flesher Ernest B Δ@
Schmidt Robt A Δ
40E Lewis Emmett Δ
41W Stauffer Max E Δ@14a
42E Trainer Donna J Δ@3a
ROAD 183 intersects South
43W Snyder Ralph D Δ@9a
Snyder Roger D Δ
Snyder Grace Δ
44E Pack Lunda Δ@4a
45W Mahoy Mary C Δ@19a
Mahoy Mary J Δ
Mahoy Joan Δ
46W Jordan's Body Shop
47W Moore Ray Δ
Moore Phyllis Δ
Moore Patti A Δ
48E Downing Jas Δ T100a
NYC RR crosses
49E Dyer Walter L Δ@3a
50E Groeber Arthur L Δ@3a
51E Riley Chas E Δ(trlr)
52E Riley Chas E Δ@47a
Riley Patsy N Δ
ROAD 171 intersects North
53W Roland Raleigh F Δ@93a
ROAD 174 intersects North
54W Salyers Robt H @
NYC RR crosses

UNION TWP

1N Salyers Robt H @
ROAD 196 intersects East
LANE intersects
2N Salyer Odell T
3N Vacant Trailer
4S Mercer Forest @16a
Mercer Mary L
5N Yeasel Mary M Δ@2a
5N Nott Carl W Δ
6N Brown Wm R Δ@
9N Cashman Robt H Δ@2a
Wilson Lottie L Δ
STATE ROUTE 56 intersects

DRAFT

1962 SCEVA AVE

SOURCE: ROBINSONS

STREET NOT LISTED

DRAFT

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APPENDIX B-5: Title Search Records (No Documents Are Associated With This Appendix)

Nova Group

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APPENDIX C-1: Regulatory Records - Mapped Database

DATABASE REPORT

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Project Property:	*Darby View Manufactured Housing Community* *284 E Sandusky St* *Mechanicsburg OH 43044*
Project No:	*KP25-0491*
Report Type:	*Database Report*
Order No:	*25012200042*
Requested by:	*Nova Group, GBC*
Date Completed:	*January 24, 2025*

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*Darby View Manufactured Housing Community* *284 E Sandusky St Mechanicsburg OH 43044*
Project No:	*KP25-0491*

Coordinates:

Latitude:	*40.07876233*
Longitude:	*-83.55005658*
UTM Northing:	*4,439,615.57*
UTM Easting:	*282,565.82*
UTM Zone:	*17T*

Elevation: *1,086 FT*

Order Information:

Order No:	*25012200042*
Date Requested:	*January 22, 2025*
Requested by:	*Nova Group, GBC*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials Photographs*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Topographic Map	*Topographic Maps*

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Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	**1**	0	-	-	**1**
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

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Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
DERR	Y	1	0	0	0	0	0	0
DELISTED DERR	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HIST LF	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**2**	0	**3**	-	**5**
DELISTED LST	Y	0.5	0	**1**	0	0	-	**1**
LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	1	0	-	-	**1**
TANKS	Y	0.25	0	0	0	-	-	0
TANKS 2	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
ENG	Y	0.5	0	0	0	0	-	0
INST	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
VAP CNS	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
PFAS GHG	Y	0.5	0	0	0	0	-	0

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Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	**2**	-	-	-	**2**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

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Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0
State								
SPILLS	Y	0.125	0	**2**	-	-	-	**2**
TOWNGAS	Y	1	0	0	0	0	**1**	**1**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
USD	Y	0.5	0	0	0	0	-	0
CRO	Y	PO	0	-	-	-	-	0
SIAB	Y	PO	0	-	-	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS PWS	Y	0.5	0	0	0	0	-	0
UIC	Y	PO	0	-	-	-	-	0
AIR PERMITS	Y	0.25	0	**1**	0	-	-	**1**
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			0	**10**	0	**3**	**1**	**14**

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

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Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

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

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Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LUST	PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	-13	19
			Release No: 11009720-N00001 ***Facility Status | LTF Status | Date Last Change:*** Inactive | 6 Closure of regulated UST | 10/14/2003				
1	DELISTED LST	PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	-13	20
1	LUST	PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	-13	20
			Release No: 11009720-N00002 ***Facility Status | LTF Status | Date Last Change:*** Inactive | 1 SUS/CON from regulated UST | 10/1/2015				
1	UST	PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	-13	22
			Facility No: 11009720 ***Tank No | Status:*** T00002 | REM - Removed, T00003 | REM - Removed, T00001 | REM - Removed, T00004 | REM - Removed, T00005 | REM - Removed				
2	FINDS/FRS	FAMILY DOLLAR #7393	286 E SANDUSKY ST MECHANICSBURG OH 43044-1051 ***Registry ID:*** 110064461915	ESE	0.01 / 66.67	-14	26
2	RCRA VSQG	FAMILY DOLLAR #7393	286 E SANDUSKY ST MECHANICSBURG OH 43044-1051 ***EPA Handler ID | Recycler Activity?:*** OHR000193433 | NO	ESE	0.01 / 66.67	-14	26
3	SPILLS		10618 STRT 4 MECHANSBURG OH	ENE	0.02 / 93.28	6	28
3	FINDS/FRS	VERIZON WIRELESS	10618 STATE RTE 4 MECHANICSBURG OH 43044 ***Registry ID:*** 110046557392	ENE	0.02 / 93.28	6	29
3	AIR PERMITS	Verizon Wireless - Mechanicsburg	10618 STATE ROUTE 4 Mechanicsburg OH 43044	ENE	0.02 / 93.28	6	29
4	SPILLS		HIGH ST & SEVA AVE MECHANICSBURG OH ***Case No/Spill ID | Spill No:*** 2210	W	0.12 / 625.83	4	30
5	LUST	MECHANICSBURG EXEMPTED SCHOOL	60 HIGH ST MECHANICSBURG OH 43044	WSW	0.40 / 2,136.66	50	31
			Release No: 11009702-N00001 ***Facility Status | LTF Status | Date Last Change:*** Inactive | 6 Closure of regulated UST |				
6	LUST	DAVE KEHL CHEVROLET INC	45 E SANDUSKY ST MECHANICSBURG OH 43044	SW	0.44 / 2,330.98	-15	32

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Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Release No: 11009714-N00001 ***Facility Status | LTF Status | Date Last Change:*** Inactive | 1 SUS/CON from regulated UST | 7/3/2002				
7	LUST	MECHANISBURG CENTRAL OFFICE	25 E SANDUSKY ST MECHANICSBURG OH 43044	SW	0.49 / 2,597.47	-7	33
			Release No: 11002036-N00001 ***Facility Status | LTF Status | Date Last Change:*** Inactive | 6 Closure of regulated UST | 3/24/2023				
8	TOWNGAS	MECHANICSBURG GAS LIGHT COMPANY	WALNUT STREET NEAR RR MECHANICSBURG OH 43044	SSW	0.91 / 4,800.34	-36	35

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Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Oct 21, 2024 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FAMILY DOLLAR #7393	286 E SANDUSKY ST MECHANICSBURG OH 43044-1051	ESE	0.01 / 66.67	2
	EPA Handler ID **|** ***Recycler Activity?****: OHR000193433	NO*		

State

LUST - Ohio Leaking Underground Storage Tanks (LUST)

A search of the LUST database, dated Oct 23, 2024 has found that there are 5 LUST site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MECHANICSBURG EXEMPTED SCHOOL	60 HIGH ST MECHANICSBURG OH 43044	WSW	0.40 / 2,136.66	5
	Release No*: 11009702-N00001* ***Facility Status*** **|** ***LTF Status*** **|** ***Date Last Change****: Inactive	6 Closure of regulated UST |*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	1
	Release No*: 11009720-N00002* ***Facility Status*** **|** ***LTF Status*** **|** ***Date Last Change****: Inactive	1 SUS/CON from regulated UST	10/1/2015*		
PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	1
	Release No*: 11009720-N00001* ***Facility Status*** **|** ***LTF Status*** **|** ***Date Last Change****: Inactive	6 Closure of regulated UST	10/14/2003*		
DAVE KEHL CHEVROLET INC	45 E SANDUSKY ST MECHANICSBURG OH 43044	SW	0.44 / 2,330.98	6
	Release No*: 11009714-N00001* ***Facility Status*** **|** ***LTF Status*** **|** ***Date Last Change****: Inactive	1 SUS/CON from regulated UST	7/3/2002*		
MECHANISBURG CENTRAL OFFICE	25 E SANDUSKY ST MECHANICSBURG OH 43044	SW	0.49 / 2,597.47	7
	Release No*: 11002036-N00001* ***Facility Status*** **|** ***LTF Status*** **|** ***Date Last Change****: Inactive	6 Closure of regulated UST	3/24/2023*		

DELISTED LST - Delisted Petroleum Release List

A search of the DELISTED LST database, dated Oct 23, 2024 has found that there are 1 DELISTED LST site(s) within approximately 0.50miles of the project property.

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Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	1

UST - Ohio Registered Underground Storage Tanks (UST)

A search of the UST database, dated Oct 23, 2024 has found that there are 1 UST site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PRESTONS IGA	282 E SANDUSKY ST MECHANICSBURG OH 43044	SSE	0.01 / 64.80	1

***Facility No**: 11009720*
***Tank No | Status**: T00002 | REM - Removed, T00003 | REM - Removed, T00001 | REM - Removed, T00004 | REM - Removed, T00005 | REM - Removed*

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 1, 2024 has found that there are 2 FINDS/FRS site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VERIZON WIRELESS	10618 STATE RTE 4 MECHANICSBURG OH 43044	ENE	0.02 / 93.28	3

***Registry ID**: 110046557392*

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FAMILY DOLLAR #7393	286 E SANDUSKY ST MECHANICSBURG OH 43044-1051	ESE	0.01 / 66.67	2

***Registry ID**: 110064461915*

State

SPILLS - Ohio Emergency Response (ER) Spills data

A search of the SPILLS database, dated May 25, 2022 has found that there are 2 SPILLS site(s) within approximately 0.12miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	10618 STRT 4 MECHANSBURG OH	ENE	0.02 / 93.28	3
	HIGH ST & SEVA AVE MECHANICSBURG OH	W	0.12 / 625.83	4

***Case No/Spill ID | Spill No**: 2210*

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TOWNGAS - Ohio Historic Towngas Database (TOWNGAS)

A search of the TOWNGAS database, dated Historic has found that there are 1 TOWNGAS site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MECHANICSBURG GAS LIGHT COMPANY	WALNUT STREET NEAR RR MECHANICSBURG OH 43044	SSW	0.91 / 4,800.34	8

AIR PERMITS - Permit by Rule Air Facilities

A search of the AIR PERMITS database, dated Jun 19, 2024 has found that there are 1 AIR PERMITS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Verizon Wireless - Mechanicsburg	10618 STATE ROUTE 4 Mechanicsburg OH 43044	ENE	0.02 / 93.28	3

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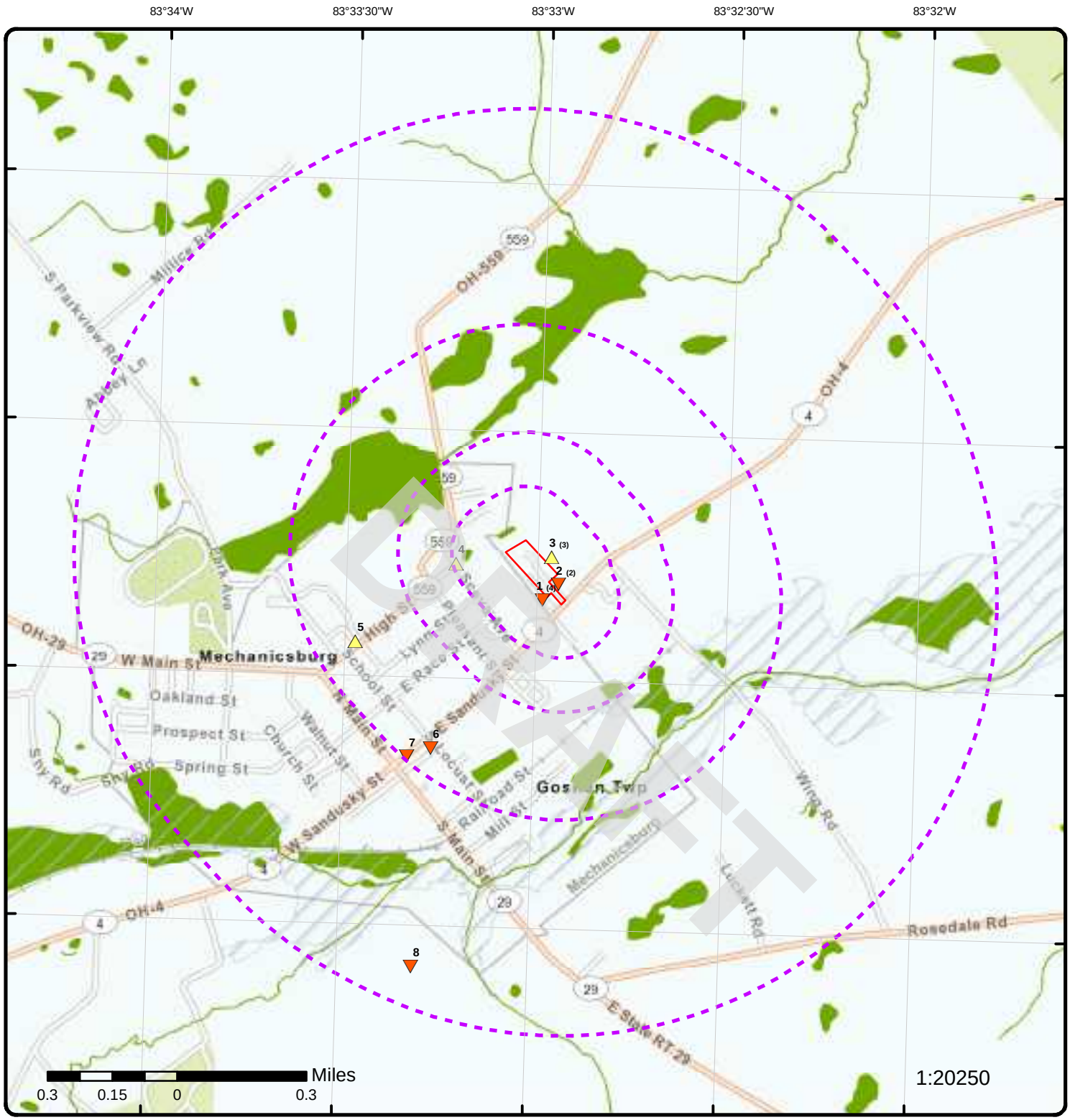

Map: 1.0 Mile Radius

Order Number: 25012200042

Address: 284 E Sandusky St, Mechanicsburg, OH

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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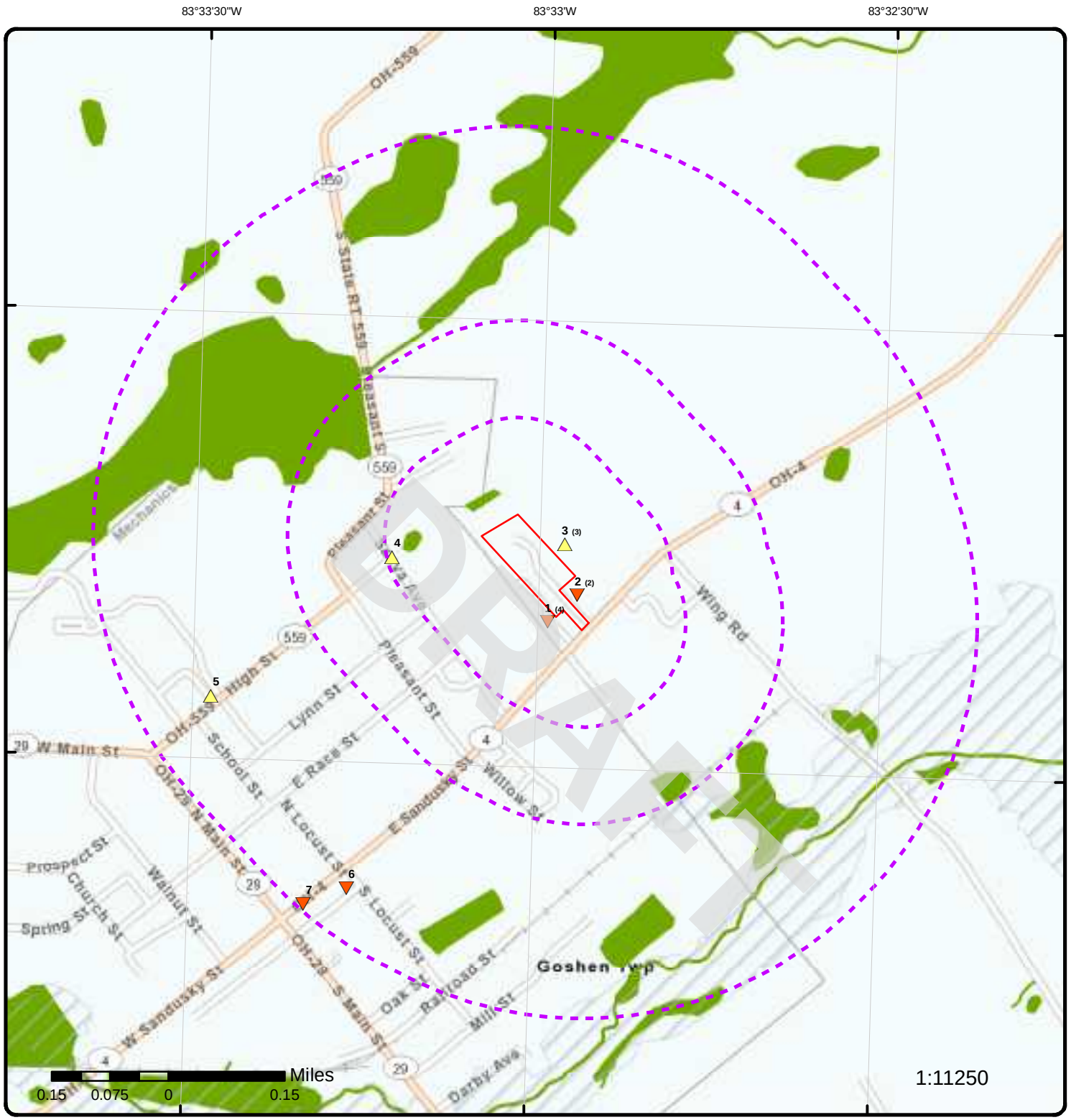

Map: 0.5 Mile Radius

Order Number: 25012200042

Address: 284 E Sandusky St, Mechanicsburg, OH

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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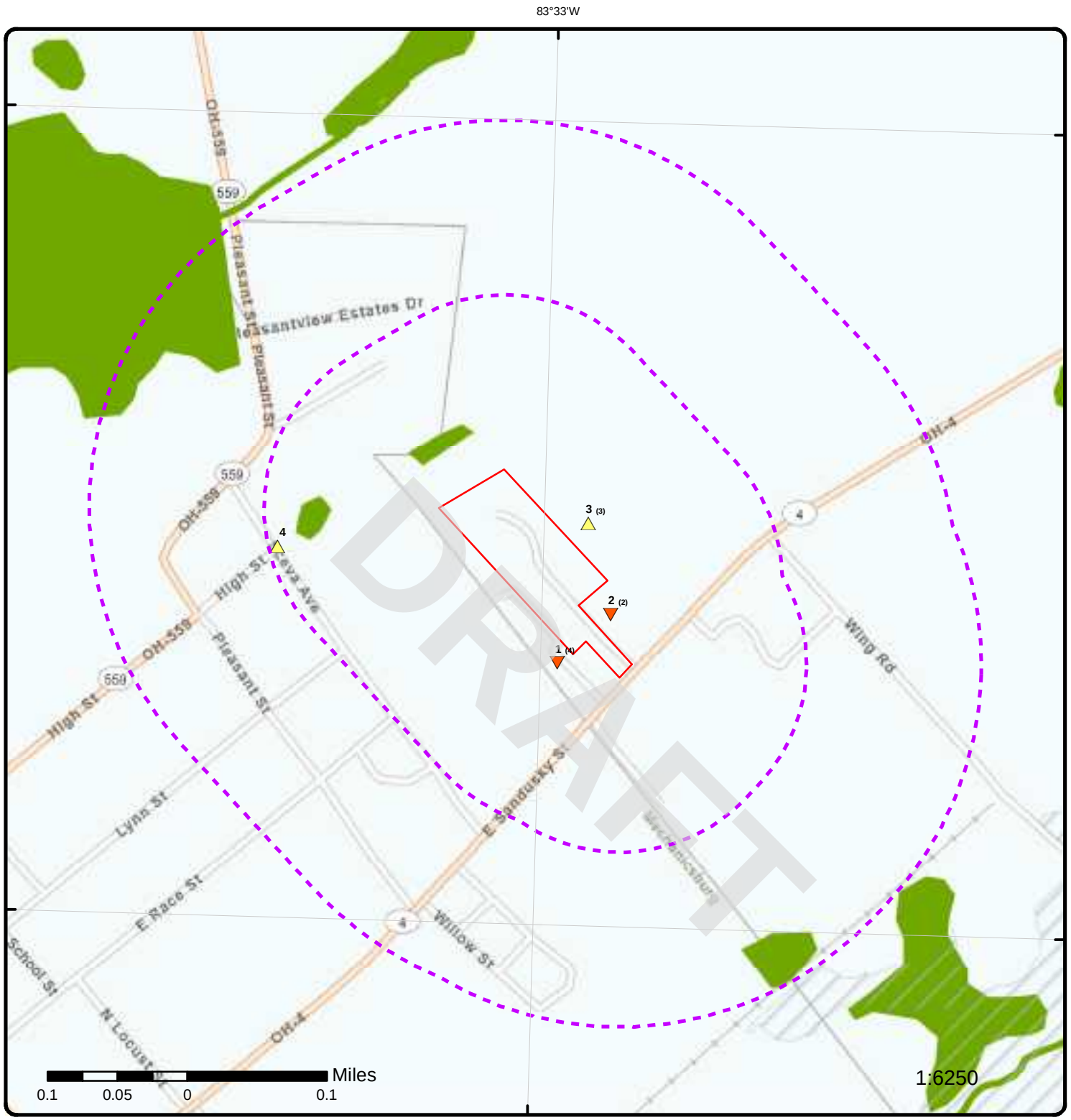

Map: 0.25 Mile Radius

Order Number: 25012200042

Address: 284 E Sandusky St, Mechanicsburg, OH

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Aerial **Year: 2023**

Order Number: 25012200042

Address: 284 E Sandusky St, Mechanicsburg, OH

Source: ESRI World Imagery

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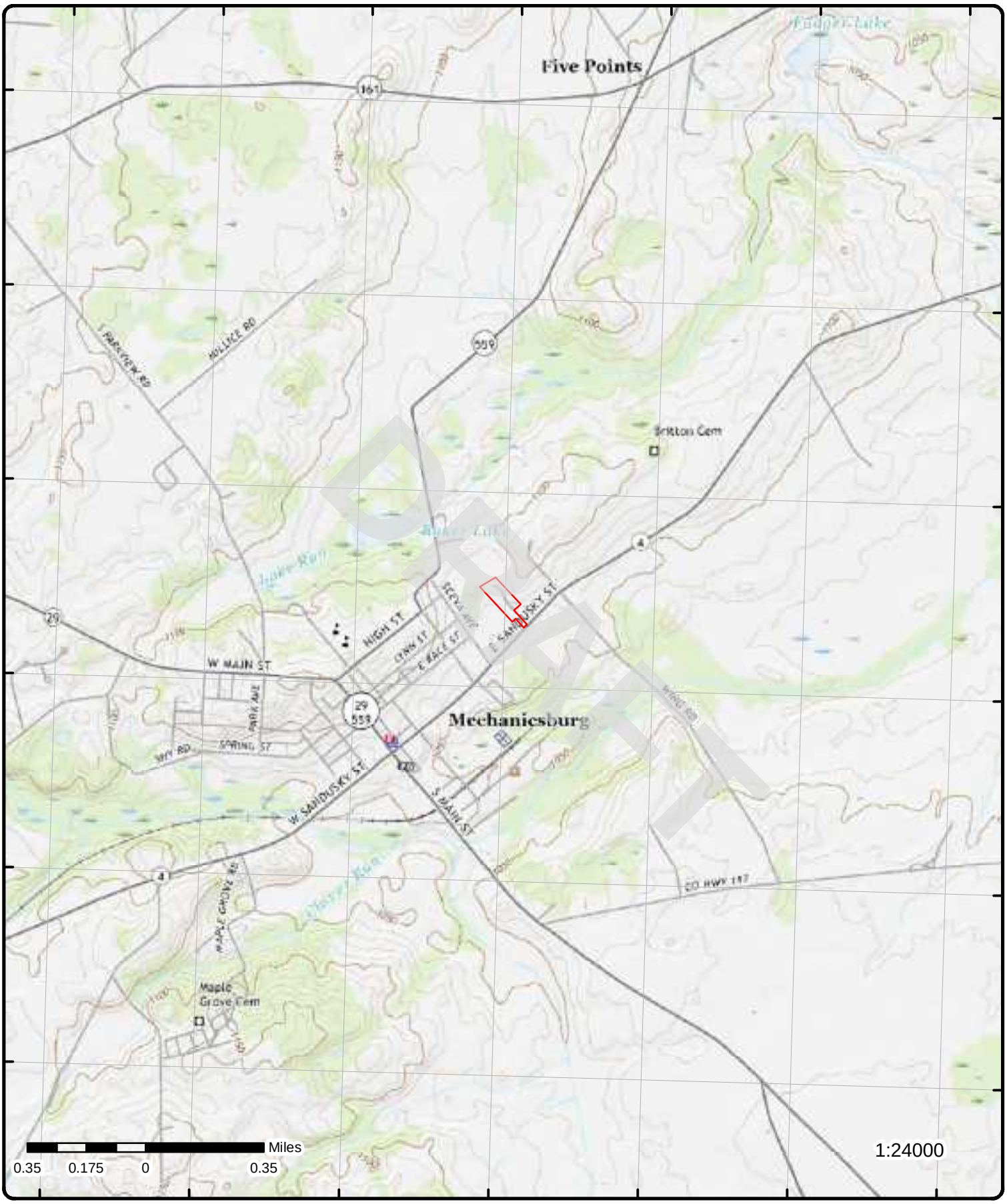

Topographic Map

Year: 2019

Order Number: 25012200042

Address: 284 E Sandusky St, OH

Quadrangle(s): Mechanicsburg OH

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of4	SSE	0.01 / 64.80	1,073.14 / -13	PRESTONS IGA 282 E SANDUSKY ST MECHANICSBURG OH 43044	LUST

Release No: 11009720-N00001
Release No (Map): 11009720 - N00001
Facility Name (Map): PRESTONS IGA
Address (Map): 282 E SANDUSKY ST
City (Map): MECHANICSBURG
Zip (Map): 43044
Latitude (Map): 40.077475
Longitude (Map): -83.549082
Release No (Web): 11009720-N00001
Facility Name (Web): PRESTONS IGA
Address (Web): 282 E SANDUSKY ST
City (Web): MECHANICSBURG
State (Web): OH
Zip (Web): 43044
County (Web): Champaign
Latitude (Web): 40.0774944
Longitude (Web): -83.549135
Release No (BUSTR): 11009720 - N00001
Facility Name (BUSTR): PRESTONS IGA
Address (BUSTR): 282 E SANDUSKY ST
City (BUSTR): MECHANICSBURG
State (BUSTR): Ohio
Zip (BUSTR): 43044
County (BUSTR): Champaign
Latitude (BUSTR): 40.0774944
Longitude (BUSTR): -83.549135
Release No (OTTER): N00001
Fac No and Name(OTTER): 11009720 (PRESTONS IGA)
Address (OTTER): 282 E SANDUSKY ST
City (OTTER): MECHANICSBURG
State (OTTER):
Zip (OTTER): 43044
County (OTTER): Champaign
Data Source: Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Facility Details with Active & Inactive Environmental Files (Web); Map Services Directory: BUSTR (MapServer): All Environmental (Map); Active and Inactive Registered Underground Storage Tanks (BUSTR)

Facility Details with Active & Inactive Environmental Files

Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Release Date: 07/09/2003
Class Description: A viable RP has been identified
Date Last Change: 10/14/2003
Review Date: 10/14/2003
Priority: 2
Class: D

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:
Tank Status: No Tanks Available
Facility: 11009720 (PRESTONS IGA)
Facility Link: https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#10534
Release Link: https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=5496
Date Reported: 7/9/2003
Owner Busi Name: PRESTONS IGA LLC

DRAFT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BUSTR Map: All Environmental

Object ID:	3496	**Lat:**	40.077475
FR Status:	NFA: No Further Action	**Long:**	-83.549082
Release No:	11009720 - N00001	**Match:**	S80
Address Out:	282 E Sandusky St	**LOC QUAL:**	AS0
City Out:	Mechanicsburg	**Facility Z:**	43044
State Out:	OH	**Loc Conf:**	2
ZIP Out:	43044-1051	**Date Processed:**	1/1/1970, 12:36 AM
Label:	11009720 - N00001 PRESTONS IGA		

Active and Inactive Registered Underground Storage Tanks (BUSTR)

Incident No:		**Facility Name:**	PRESTONS IGA
Status:	NFA: No Further Action	**Facility Address:**	282 E SANDUSKY ST
Release Date:	7/9/2003	**Facility City:**	MECHANICSBURG
Last Status Updated:	10/14/2003	**Facility State:**	Ohio
Substatus:		**Facility ZIP:**	43044
Priority:	2	**Facility Latitude:**	40.0774944
Class:	D	**Facility Longitude:**	-83.549135
Rules:	1999	**Last Review Date:**	10/14/2003
Coordinator:		**Last Update:**	Danielle Cook
LTF:	6 Closure of regulated UST	**Last Update Date:**	11/20/2023
Rating:	14	**County:**	Champaign
Sequence No:	30201		
Class Desc:	A viable RP has been identified		

1	*2 of4*	*SSE*	*0.01 / 64.80*	*1,073.14 / -13*	***PRESTONS IGA*** ***282 E SANDUSKY ST*** ***MECHANICSBURG OH 43044***	***DELISTED LST***

Delisted Petroleum Release List

Incident No:		**Priority:**	2
S. No:	4556	**Class Code:**	D
Release No:	11009720 - N00002	**Class Desc:**	A viable RP has been identified
Release Date:	10/28/2014	**Rules:**	2012
Release Status:		**Coordinator:**	Drue Roberts
Facility Status:		**Rating:**	
Sub Status:	Submitted	**County:**	Champaign
LTF Status:	6 Closure of regulated UST	**Facility Latitude:**	
FR Status:	T1N: Tier 1 Notification	**Facility Longitude:**	
Last Update:	Drue Roberts	**Source Name(s):**	
Last Update Date:	19/02/2015 10:58:33 AM	**Source List:**	
Last Status Update:	02/19/2015	**Original Source:**	NLUT
Review Date:	12/19/2014	**Record Date:**	9-MAR-2015
Date Unknown:			

1	*3 of4*	*SSE*	*0.01 / 64.80*	*1,073.14 / -13*	***PRESTONS IGA*** ***282 E SANDUSKY ST*** ***MECHANICSBURG OH 43044***	***LUST***

Release No:	11009720-N00002
Release No (Map):	11009720 - N00002
Facility Name (Map):	PRESTONS IGA
Address (Map):	282 E SANDUSKY ST
City (Map):	MECHANICSBURG
Zip (Map):	43044
Latitude (Map):	40.077475
Longitude (Map):	-83.549082
Release No (Web):	11009720-N00002
Facility Name (Web):	PRESTONS IGA
Address (Web):	282 E SANDUSKY ST

DRAFT

City (Web):	MECHANICSBURG
State (Web):	OH
Zip (Web):	43044
County (Web):	Champaign
Latitude (Web):	40.0774944
Longitude (Web):	-83.549135
Release No (BUSTR):	11009720 - N00002
Facility Name (BUSTR):	PRESTONS IGA
Address (BUSTR):	282 E SANDUSKY ST
City (BUSTR):	MECHANICSBURG
State (BUSTR):	Ohio
Zip (BUSTR):	43044
County (BUSTR):	Champaign
Latitude (BUSTR):	40.0774944
Longitude (BUSTR):	-83.549135
Release No (OTTER):	N00002
Fac No and Name(OTTER):	11009720 (PRESTONS IGA)
Address (OTTER):	282 E SANDUSKY ST
City (OTTER):	MECHANICSBURG
State (OTTER):	
Zip (OTTER):	43044
County (OTTER):	Champaign
Data Source:	Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Facility Details with Active & Inactive Environmental Files (Web); Map Services Directory: BUSTR (MapServer): All Environmental (Map); Active and Inactive Registered Underground Storage Tanks (BUSTR)

Facility Details with Active & Inactive Environmental Files

Facility Status:	Inactive	***Date Last Change:***	10/1/2015
LTF Status:	1 SUS/CON from regulated UST	***Review Date:***	10/01/2015
FR Status:	NFA: No Further Action	***Priority:***	2
Release Date:	10/28/2014	***Class:***	D
Class Description:	A viable RP has been identified		

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:		***Date Reported:***	10/28/2014
Tank Status:	No Tanks Available	***Owner Busi Name:***	PRESTONS IGA LLC
Facility:	11009720 (PRESTONS IGA)		
Facility Link:	https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#10534		
Release Link:	https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=37609		

BUSTR Map: All Environmental

Object ID:	3497	***Lat:***	40.077475
FR Status:	NFA: No Further Action	***Long:***	-83.549082
Release No:	11009720 - N00002	***Match:***	S80
Address Out:	282 E Sandusky St	***LOC QUAL:***	AS0
City Out:	Mechanicsburg	***Facility Z:***	43044
State Out:	OH	***Loc Conf:***	2
ZIP Out:	43044-1051	***Date Processed:***	1/1/1970, 12:36 AM
Label:	11009720 - N00002 PRESTONS IGA		

Active and Inactive Registered Underground Storage Tanks (BUSTR)

Incident No:		***Facility Name:***	PRESTONS IGA
Status:	NFA: No Further Action	***Facility Address:***	282 E SANDUSKY ST
Release Date:	10/28/2014	***Facility City:***	MECHANICSBURG
Last Status Updated:	10/1/2015	***Facility State:***	Ohio
Substatus:	Approved	***Facility ZIP:***	43044
Priority:	2	***Facility Latitude:***	40.0774944
Class:	D	***Facility Longitude:***	-83.549135
Rules:	2012	***Last Review Date:***	10/1/2015
Coordinator:	Drue Roberts	***Last Update:***	Scott Sigler

DRAFT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LTF: 1 SUS/CON from regulated UST
Rating:
Sequence No: 30202
Class Desc: A viable RP has been identified
Last Update Date: 10/1/2015
County: Champaign

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1 | **4 of4** | **SSE** | **0.01 / 64.80** | **1,073.14 / -13** | **PRESTONS IGA**
282 E SANDUSKY ST
MECHANICSBURG OH 43044 | **UST**

Facility No: 11009720
Facility No (Web):
Facility Name (Web):
Address (Web):
City (Web):
Zip (Web):
County (Web):
Latitude (Web):
Longitude (Web):
State (Web):
Facility No (Web2): 11009720
Facility Name (Web2): PRESTONS IGA
Address (Web2): 282 E SANDUSKY ST
City (Web2): MECHANICSBURG
Zip (Web2): 43044
Latitude (Web2): 40.0774944
Longitude (Web2): -83.549135
State (Web2): Ohio
County (Web2): Champaign
Fac No (Map): 11009720
Fac Name (Map): PRESTONS IGA
Address (Map): 282 E SANDUSKY ST
City (Map): MECHANICSBURG
State (Map): Ohio
Zip (Map): 43044
County (Map): Champaign
Latitude (Map): 40.077475
Longitude (Map): -83.549082
Address (OTTER): 282 E SANDUSKY ST
City (OTTER): MECHANICSBURG
State (OTTER):
Zip (OTTER): 43044
County (OTTER): Champaign
Data Source: Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Underground Storage Tanks Lookup - List of Inactive Underground Storage Tanks (Web2); Map Services Directory: BUSTR (MapServer): All Facility Tanks (Map)

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:
Tank Status: No Tanks Available
Facility URL: https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#10534
Release No URL: https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=37609
Date Reported: 10/28/2014
Own Business Name: PRESTONS IGA LLC

Old Incident ID:
Tank Status: No Tanks Available
Facility URL: https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#10534
Release No URL: https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=5496
Date Reported: 7/9/2003
Own Business Name: PRESTONS IGA LLC

Underground Storage Tanks Lookup - List of Inactive Underground Storage Tanks

Tank No: T00002
Status: REM - Removed
UST: UST
Regulated: YES
Facility Type: Gas Station
Installation Date:
Date Last Used: 01/01/1950
UST Capacity: 1000
Tank Content: Gasoline
Abandon Approve:
UST Configurations:
CAS No: 8006-61-9

DRAFT

Date Removed: 07/09/2003
Date TCL Closed:
Sensitive Area: NO
Dt of Sensitivity:
Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City: MECHANICSBURG
Owner State: OH
Owner Zip: 43044
Construction: BM - Bare Metal
Construction Comments: Bare Steel
Overfill Prevention:
Overfill Prev Comments:
Prmry Release Detection: AMO - Alternative Method (Other, explain)
2ndry Release Detection:
Release Detect Comments: RDTank: / RDLine:
Spill Prevention Manholes: OTH - Other (Explain)
Spill Prev Manhole Comment:
Corrosion Protections:
Corrosion Protect Comments:
Piping Configuration:
Piping Config Comment:
Piping Styles: S - Suction
Piping Construction: BM - Bare Metal
Piping Construct Comments: Bare Steel
Piping Corrosion Protection: OTH - Other (explain)
Piping Corr Protect Comments:
Piping Release Detection: OTH - Other(explain)
Piping Rel Detect Comments:
Comments:

Tank No: T00003
Status: REM - Removed
UST: UST
Regulated: YES
Facility Type: Gas Station
Installation Date: 05/25/2004
Date Removed: 10/31/2014
Date TCL Closed: 10/03/2007
Date Last Used: 07/12/2007
UST Capacity: 12000
Tank Content: Gasoline
Abandon Approve:
UST Configurations: SW - Single Wall
CAS No: 8006-61-9
Sensitive Area: NO
Dt of Sensitivity:
Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City: MECHANICSBURG
Owner State: OH
Owner Zip: 43044
Construction: FRP-Fiberglass Reinforced Plastic
Construction Comments:
Overfill Prevention: FILL - Fill Pipe (drop tube flapper)
Overfill Prev Comments:
Prmry Release Detection: ATG - Automatic Tank Gauging
2ndry Release Detection: ATG - Automatic Tank Gauging
Release Detect Comments:
Spill Prevention Manholes: SB - Spill Containment Manhole (bucket)
Spill Prev Manhole Comment:
Corrosion Protections: NR - None Required by Rule
Corrosion Protect Comments:
Piping Configuration: SC - Secondarily Contained
Piping Config Comment:
Piping Styles: P - Pressure
Piping Construction: FRP - Fiberglass Reinforced Plastic
Piping Construct Comments:
Piping Corrosion Protection: NR - None required by rule
Piping Corr Protect Comments:
Piping Release Detection: ELLD - Electronic Line Leak Detector
Piping Rel Detect Comments:
Comments:

Tank No: T00001
Status: REM - Removed
UST: UST
Regulated: YES
Facility Type: Gas Station
Date Last Used: 01/01/1950
UST Capacity: 1000
Tank Content: Gasoline
Abandon Approve:
UST Configurations:

DRAFT

Installation Date: ***CAS No:*** 8006-61-9
Date Removed: 07/09/2003 ***Sensitive Area:*** NO
Date TCL Closed: ***Dt of Sensitivity:***
Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City: MECHANICSBURG
Owner State: OH
Owner Zip: 43044
Construction: BM - Bare Metal
Construction Comments: Bare Steel
Overfill Prevention:
Overfill Prev Comments:
Prmry Release Detection: AMO - Alternative Method (Other, explain)
2ndry Release Detection:
Release Detect Comments: RDTank: / RDLine:
Spill Prevention Manholes: OTH - Other (Explain)
Spill Prev Manhole Comment:
Corrosion Protections:
Corrosion Protect Comments:
Piping Configuration:
Piping Config Comment:
Piping Styles: S - Suction
Piping Construction: BM - Bare Metal
Piping Construct Comments: Bare Steel
Piping Corrosion Protection: OTH - Other (explain)
Piping Corr Protect Comments:
Piping Release Detection: OTH - Other(explain)
Piping Rel Detect Comments:
Comments:

Tank No: T00004 ***Date Last Used:*** 07/12/2007
Status: REM - Removed ***UST Capacity:*** 8000
UST: UST ***Tank Content:*** Gasoline
Regulated: YES ***Abandon Approve:***
Facility Type: Gas Station ***UST Configurations:*** SW - Single Wall
Installation Date: 05/25/2004 ***CAS No:*** 8006-61-9
Date Removed: 10/31/2014 ***Sensitive Area:*** NO
Date TCL Closed: 10/03/2007 ***Dt of Sensitivity:***
Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City: MECHANICSBURG
Owner State: OH
Owner Zip: 43044
Construction: FRP-Fiberglass Reinforced Plastic
Construction Comments:
Overfill Prevention: FILL - Fill Pipe (drop tube flapper)
Overfill Prev Comments:
Prmry Release Detection: ATG - Automatic Tank Gauging
2ndry Release Detection: ATG - Automatic Tank Gauging
Release Detect Comments:
Spill Prevention Manholes: SB - Spill Containment Manhole (bucket)
Spill Prev Manhole Comment:
Corrosion Protections: NR - None Required by Rule
Corrosion Protect Comments:
Piping Configuration: SC - Secondarily Contained
Piping Config Comment:
Piping Styles: P - Pressure
Piping Construction: FRP - Fiberglass Reinforced Plastic
Piping Construct Comments:
Piping Corrosion Protection: NR - None required by rule
Piping Corr Protect Comments:
Piping Release Detection: ELLD - Electronic Line Leak Detector
Piping Rel Detect Comments:
Comments:

Tank No: T00005 ***Date Last Used:*** 07/12/2007
Status: REM - Removed ***UST Capacity:*** 6000
UST: UST ***Tank Content:*** Gasoline
Regulated: YES ***Abandon Approve:***

DRAFT

Facility Type:	Gas Station	**UST Configurations:**	SW - Single Wall
Installation Date:	05/25/2004	**CAS No:**	8006-61-9
Date Removed:	10/31/2014	**Sensitive Area:**	NO
Date TCL Closed:	10/03/2007	**Dt of Sensitivity:**	

Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City: MECHANICSBURG
Owner State: OH
Owner Zip: 43044
Construction: FRP-Fiberglass Reinforced Plastic
Construction Comments:
Overfill Prevention: FILL - Fill Pipe (drop tube flapper)
Overfill Prev Comments:
Prmry Release Detection: ATG - Automatic Tank Gauging
2ndry Release Detection: ATG - Automatic Tank Gauging
Release Detect Comments:
Spill Prevention Manholes: SB - Spill Containment Manhole (bucket)
Spill Prev Manhole Comment:
Corrosion Protections: NR - None Required by Rule
Corrosion Protect Comments:
Piping Configuration: SC - Secondarily Contained
Piping Config Comment:
Piping Styles: P - Pressure
Piping Construction: FRP - Fiberglass Reinforced Plastic
Piping Construct Comments:
Piping Corrosion Protection: NR - None required by rule
Piping Corr Protect Comments:
Piping Release Detection: ELLD - Electronic Line Leak Detector
Piping Rel Detect Comments:
Comments:

Map Services Directory: BUSTR (MapServer): All Facility Tanks

Tank No:	T00001	**Address Out:**	282 E Sandusky St
Status:	REM - Removed	**City Out:**	Mechanicsburg
Tank Content:	Gasoline	**State Out:**	OH
UST Capacity:	1000	**Zip Out:**	43044-1051
Label:	11009720 PRESTONS IGA	**Match:**	S80
State:	Ohio	**LOC QUAL:**	AS0
Lat:	40.077475	**LOC CONF:**	2
Lon:	-83.549082		

Tank No:	T00002	**Address Out:**	282 E Sandusky St
Status:	REM - Removed	**City Out:**	Mechanicsburg
Tank Content:	Gasoline	**State Out:**	OH
UST Capacity:	1000	**Zip Out:**	43044-1051
Label:	11009720 PRESTONS IGA	**Match:**	S80
State:	Ohio	**LOC QUAL:**	AS0
Lat:	40.077475	**LOC CONF:**	2
Lon:	-83.549082		

Tank No:	T00005	**Address Out:**	282 E Sandusky St
Status:	REM - Removed	**City Out:**	Mechanicsburg
Tank Content:	Gasoline	**State Out:**	OH
UST Capacity:	6000	**Zip Out:**	43044-1051
Label:	11009720 PRESTONS IGA	**Match:**	S80
State:	Ohio	**LOC QUAL:**	AS0
Lat:	40.077475	**LOC CONF:**	2
Lon:	-83.549082		

Tank No:	T00003	**Address Out:**	282 E Sandusky St
Status:	REM - Removed	**City Out:**	Mechanicsburg
Tank Content:	Gasoline	**State Out:**	OH
UST Capacity:	12000	**Zip Out:**	43044-1051
Label:	11009720 PRESTONS IGA	**Match:**	S80
State:	Ohio	**LOC QUAL:**	AS0
Lat:	40.077475	**LOC CONF:**	2
Lon:	-83.549082		

DRAFT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank No:	T00004	**Address Out:**	282 E Sandusky St
Status:	REM - Removed	**City Out:**	Mechanicsburg
Tank Content:	Gasoline	**State Out:**	OH
UST Capacity:	8000	**Zip Out:**	43044-1051
Label:	11009720 PRESTONS IGA	**Match:**	S80
State:	Ohio	**LOC QUAL:**	AS0
Lat:	40.077475	**LOC CONF:**	2
Lon:	-83.549082		

2	1 of2	ESE	0.01 / 66.67	1,072.37 / -14	**FAMILY DOLLAR #7393** **286 E SANDUSKY ST** **MECHANICSBURG OH 43044-1051**	FINDS/FRS

Registry ID:	110064461915
FIPS Code:	39021
HUC Code:	05060001
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	30-JUN-15
Update Date:	
Interest Types:	VSQG
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	04
Census Block Code:	390210115052008
EPA Region Code:	05
County Name:	CHAMPAIGN
US/Mexico Border Ind:	
Latitude:	40.076844
Longitude:	-83.549569
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110064461915
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

2	2 of2	ESE	0.01 / 66.67	1,072.37 / -14	**FAMILY DOLLAR #7393** **286 E SANDUSKY ST** **MECHANICSBURG OH 43044-1051**	RCRA VSQG

EPA Handler ID:	OHR000193433
Gen Status Universe:	VSG
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017 , , CHARLOTTE , NC, 28201 , US
Contact Phone No and Ext:	704-708-1909
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Country:	US
County Name:	CHAMPAIGN
EPA Region:	05
Land Type:	Private
Receive Date:	20150313
Location Latitude:	40.077115
Location Longitude:	-83.54931

DRAFT

Recycler Activity?: NO
Recycler Activity Note: This facility has no indication of Recycling Activity.

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Recycler Activity: No
Recycler Act W.O. Storage: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150313
Handler Name: FAMILY DOLLAR #7393
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011

DRAFT

Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

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

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 1017
Name:	FAMILY DOLLAR STORES	**Street 2:**	
Date Became Current:	20060727	**City:**	CHARLOTTE
Date Ended Current:		**State:**	NC
Phone:	866-377-6420	**Country:**	US
Source Type:	Notification	**Zip Code:**	28201

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	600 LA TERRAZA BLVD
Name:	DEBORAH STUART	**Street 2:**	
Date Became Current:	20120601	**City:**	ESCONDIDO
Date Ended Current:		**State:**	CA
Phone:	760-741-2111	**Country:**	US
Source Type:	Notification	**Zip Code:**	92025

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of3	ENE	0.02 / 93.28	1,092.32 / 6	10618 STRT 4 MECHANSBURG OH	SPILLS

Case No/Spill ID:		**County (Ohio):**	
Spill No:		**Latitude (Ohio):**	
4 Digit No:	2411	**Longitude (Ohio):**	
Reported On:	7/3/1999 00:00:00	**City Twn (Prod):**	
Spill Year:	1999	**OEPA Dist (Prod):**	
Spill Month:	7	**County No (Prod):**	
Spill Month No:		**County (Prod):**	
Spill DOM:		**Latitude (Prod):**	
Spill DOY:		**Longitude (Prod):**	
Spiller Report:		**OEPA Dist (Hist):**	
Phone Followup:	NO	**County (Hist):**	
District:	SW	**Latitude (Hist):**	
County:	11	**Longitude (Hist):**	
Latitude:		**OEPA Dist (Rel 2):**	
Longitude:		**County (Rel 2):**	
City Twn (EPA):		**Latitude (Rel 2):**	
OEPA Dist (EPA):		**Longitude (Rel 2):**	
County (EPA):		**OEPA Dist (Rel):**	
Latitude (EPA):		**County (Rel):**	
Longitude (EPA):		**Latitude (Rel):**	
OEPA Dist (Ohio):		**Longitude (Rel):**	
County No (Ohio):			
IIR Name:			
Affiliation:			
Location:	10618 STRT 4		
City Twp:	MECHANSBURG		
Zip Code:			
Spill Location (Ohio):			
City Twn (Ohio):			
Zip Code (Ohio):			
Spill Location (Hist):			

DRAFT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City Twn (Hist):
Location (Rel):
City Twn (Rel):
City Twn (Rel 2):
Data Source:

Historical Release Details

Product Name: SMOKE
Media Affected:
Acutal Amount:
Unit of Measure:
Entity: RON WELCH
Reported By: MIKE EDWARDS
Spill Month: 7
Spill Year: 1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of3	ENE	0.02 / 93.28	1,092.32 / 6	VERIZON WIRELESS 10618 STATE RTE 4 MECHANICSBURG OH 43044	FINDS/FRS

Registry ID: 110046557392
FIPS Code: 39021
HUC Code: 05060001
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 23-OCT-12
Update Date:
Interest Types: STATE MASTER
SIC Codes: 3661
SIC Code Descriptions: TELEPHONE AND TELEGRAPH APPARATUS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 390210115052005
EPA Region Code: 05
County Name: CHAMPAIGN
US/Mexico Border Ind:
Latitude: 40.07923
Longitude: -83.54668
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110046557392
Data Source: Facility Registry Service - Single File
Program Acronyms:

OH-CORE:291239

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of3	ENE	0.02 / 93.28	1,092.32 / 6	Verizon Wireless - Mechanicsburg 10618 STATE ROUTE 4 Mechanicsburg OH 43044	AIR PERMITS

Facility ID: 01-11-00-0137

DRAFT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Details

EPA Emu ID:	B002
Emission Unit ID:	
Permit No.:	
Effective Date:	12/11/2023
Startup Date:	12/06/2023
Operating Status Cd:	
Permit Classification Cd:	
PBR Type Desc:	Emergency electrical generators, water pumps, or air compressors
Design Capacity Units Cd:	
Requlated User Dsc:	
EU Description:	Generac Outdoor SD050-1PE-190JT - Emergency generator - 50 KW
District Local Air Agencies:	Ohio EPA DAPC, Central Office
Facility Name:	Verizon Wireless - Mechanicsburg
Address1:	10618 STATE ROUTE 4
City:	Mechanicsburg
Zip:	43044

Facility Details

EPA Emu ID:	B001
Emission Unit ID:	
Permit No.:	
Effective Date:	11/16/2006
Startup Date:	11/13/2006
Operating Status Cd:	
Permit Classification Cd:	
PBR Type Desc:	Emergency electrical generators, water pumps, or air compressors
Design Capacity Units Cd:	
Requlated User Dsc:	
EU Description:	Generac, 60 KW, emergency diesel generator, S/N: 2072261
District Local Air Agencies:	Ohio EPA DAPC, Central Office
Facility Name:	Verizon Wireless - Mechanicsburg
Address1:	10618 STATE ROUTE 4
City:	Mechanicsburg
Zip:	43044

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of1	W	0.12 / 625.83	1,090.55 / 4	HIGH ST & SEVA AVE MECHANICSBURG OH	SPILLS

Case No/Spill ID:		***County (Ohio):***	
Spill No:	2210	***Latitude (Ohio):***	
4 Digit No:		***Longitude (Ohio):***	
Reported On:	9/30/2013 10:36:47	***City Twn (Prod):***	
Spill Year:	2013	***OEPA Dist (Prod):***	
Spill Month:	9	***County No (Prod):***	
Spill Month No:		***County (Prod):***	
Spill DOM:		***Latitude (Prod):***	
Spill DOY:		***Longitude (Prod):***	
Spiller Report:		***OEPA Dist (Hist):***	
Phone Followup:		***County (Hist):***	
District:	SW	***Latitude (Hist):***	
County:	11	***Longitude (Hist):***	
Latitude:		***OEPA Dist (Rel 2):***	
Longitude:		***County (Rel 2):***	
City Twn (EPA):		***Latitude (Rel 2):***	
OEPA Dist (EPA):		***Longitude (Rel 2):***	
County (EPA):		***OEPA Dist (Rel):***	
Latitude (EPA):		***County (Rel):***	
Longitude (EPA):		***Latitude (Rel):***	
OEPA Dist (Ohio):		***Longitude (Rel):***	
County No (Ohio):			
IIR Name:			
Affiliation:			
Location:	HIGH ST & SEVA AVE		

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City Twp: MECHANICSBURG
Zip Code:
Spill Location (Ohio):
City Twn (Ohio):
Zip Code (Ohio):
Spill Location (Hist):
City Twn (Hist):
Location (Rel):
City Twn (Rel):
City Twn (Rel 2):
Data Source:

Historical Release Details

Product Name: PAINT FUMES
Media Affected:
Acutal Amount:
Unit of Measure:
Entity: UNK AUTO JOSH BODY SHOP
Reported By: CHARLES ESTEP
Spill Month: 9
Spill Year: 2013

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of1	WSW	0.40 / 2,136.66	1,136.00 / 50	MECHANICSBURG EXEMPTED SCHOOL 60 HIGH ST MECHANICSBURG OH 43044	LUST

Release No: 11009702-N00001
Release No (Map): 11009702 - N00001
Facility Name (Map): MECHANICSBURG EXEMPTED SCHOOL
Address (Map): 60 HIGH ST
City (Map): MECHANICSBURG
Zip (Map): 43044
Latitude (Map): 40.075796
Longitude (Map): -83.558386
Release No (Web): 11009702-N00001
Facility Name (Web): MECHANICSBURG EXEMPTED SCHOOL
Address (Web): 60 HIGH ST
City (Web): MECHANICSBURG
State (Web): OH
Zip (Web): 43044
County (Web): Champaign
Latitude (Web): 40.076184
Longitude (Web): -83.557595
Release No (BUSTR): 11009702 - N00001
Facility Name (BUSTR): MECHANICSBURG EXEMPTED SCHOOL
Address (BUSTR): 60 HIGH ST
City (BUSTR): MECHANICSBURG
State (BUSTR): Ohio
Zip (BUSTR): 43044
County (BUSTR): Champaign
Latitude (BUSTR): 40.076184
Longitude (BUSTR): -83.557595
Release No (OTTER): N00001
Fac No and Name(OTTER): 11009702 (MECHANICSBURG EXEMPTED SCHOOL)
Address (OTTER): 60 HIGH ST
City (OTTER): MECHANICSBURG
State (OTTER):
Zip (OTTER): 43044
County (OTTER): Champaign
Data Source: Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Facility Details with Active & Inactive Environmental Files (Web); Map Services Directory: BUSTR (MapServer): All Environmental (Map); Active and Inactive Registered Underground Storage Tanks (BUSTR)

Facility Details with Active & Inactive Environmental Files

DRAFT

Facility Status:	Inactive	**Date Last Change:**	
LTF Status:	6 Closure of regulated UST	**Review Date:**	06/20/2000
FR Status:	NFA: No Further Action	**Priority:**	3
Release Date:		**Class:**	D
Class Description:	A viable RP has been identified		

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:	111223300.0	**Date Reported:**	
Tank Status:	No Tanks Available	**Owner Busi Name:**	MECHANICSBURG EXEMPTED SCHOOL
Facility:	11009702 (MECHANICSBURG EXEMPTED SCHOOL)		
Facility Link:	https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#3762		
Release Link:	https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=5470		

BUSTR Map: All Environmental

Object ID:	3479	**Lat:**	40.075796
FR Status:	NFA: No Further Action	**Long:**	-83.558386
Release No:	11009702 - N00001	**Match:**	S80
Address Out:	60 High St	**LOC QUAL:**	AS0
City Out:	Mechanicsburg	**Facility Z:**	43044
State Out:	OH	**Loc Conf:**	2
ZIP Out:	43044-1003	**Date Processed:**	1/1/1970, 12:36 AM
Label:	11009702 - N00001 MECHANICSBURG EXEMPTED SCHOOL		

Active and Inactive Registered Underground Storage Tanks (BUSTR)

Incident No:	111223300.0	**Facility Name:**	MECHANICSBURG EXEMPTED SCHOOL
Status:	NFA: No Further Action	**Facility Address:**	60 HIGH ST
Release Date:		**Facility City:**	MECHANICSBURG
Last Status Updated:		**Facility State:**	Ohio
Substatus:		**Facility ZIP:**	43044
Priority:	3	**Facility Latitude:**	40.076184
Class:	D	**Facility Longitude:**	-83.557595
Rules:		**Last Review Date:**	6/20/2000
Coordinator:	Raymond Bauman	**Last Update:**	
LTF:	6 Closure of regulated UST	**Last Update Date:**	4/28/2012
Rating:		**County:**	Champaign
Sequence No:	23619		
Class Desc:	A viable RP has been identified		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of1	SW	0.44 / 2,330.98	1,071.38 / -15	DAVE KEHL CHEVROLET INC 45 E SANDUSKY ST MECHANICSBURG OH 43044	LUST

Release No:	11009714-N00001
Release No (Map):	11009714 - N00001
Facility Name (Map):	DAVE KEHL CHEVROLET INC
Address (Map):	45 E SANDUSKY ST
City (Map):	MECHANICSBURG
Zip (Map):	43044
Latitude (Map):	40.07271
Longitude (Map):	-83.55466
Release No (Web):	11009714-N00001
Facility Name (Web):	DAVE KEHL CHEVROLET INC
Address (Web):	45 E SANDUSKY ST
City (Web):	MECHANICSBURG
State (Web):	OH
Zip (Web):	43044
County (Web):	Champaign
Latitude (Web):	40.0725134
Longitude (Web):	-83.554711
Release No (BUSTR):	11009714 - N00001
Facility Name (BUSTR):	DAVE KEHL CHEVROLET INC

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address (BUSTR):	45 E SANDUSKY ST
City (BUSTR):	MECHANICSBURG
State (BUSTR):	Ohio
Zip (BUSTR):	43044
County (BUSTR):	Champaign
Latitude (BUSTR):	40.0725134
Longitude (BUSTR):	-83.554711
Release No (OTTER):	N00001
Fac No and Name(OTTER):	11009714 (DAVE KEHL CHEVROLET INC)
Address (OTTER):	45 E SANDUSKY ST
City (OTTER):	MECHANICSBURG
State (OTTER):	
Zip (OTTER):	43044
County (OTTER):	Champaign
Data Source:	Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Facility Details with Active & Inactive Environmental Files (Web); Map Services Directory: BUSTR (MapServer): All Environmental (Map); Active and Inactive Registered Underground Storage Tanks (BUSTR)

Facility Details with Active & Inactive Environmental Files

Facility Status:	Inactive	**Date Last Change:**	7/3/2002
LTF Status:	1 SUS/CON from regulated UST	**Review Date:**	07/02/2002
FR Status:	NFA: No Further Action	**Priority:**	2
Release Date:	08/24/1989	**Class:**	D
Class Description:	A viable RP has been identified		

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:	11999800.0	**Date Reported:**	8/24/1989
Tank Status:	No Tanks Available	**Owner Busi Name:**	DAVE KEHL CHEVROLET INC
Facility:	11009714 (DAVE KEHL CHEVROLET INC)		
Facility Link:	https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#5088		
Release Link:	https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=5475		

BUSTR Map: All Environmental

Object ID:	3491	**Lat:**	40.07271
FR Status:	NFA: No Further Action	**Long:**	-83.55466
Release No:	11009714 - N00001	**Match:**	S80
Address Out:	45 E Sandusky St	**LOC QUAL:**	MAF7
City Out:	Mechanicsburg	**Facility Z:**	43044
State Out:	OH	**Loc Conf:**	1
ZIP Out:	43044-1026	**Date Processed:**	1/1/1970, 12:36 AM
Label:	11009714 - N00001 DAVE KEHL CHEVROLET INC		

Active and Inactive Registered Underground Storage Tanks (BUSTR)

Incident No:	11999800.0	**Facility Name:**	DAVE KEHL CHEVROLET INC
Status:	NFA: No Further Action	**Facility Address:**	45 E SANDUSKY ST
Release Date:	8/24/1989	**Facility City:**	MECHANICSBURG
Last Status Updated:	7/3/2002	**Facility State:**	Ohio
Substatus:		**Facility ZIP:**	43044
Priority:	2	**Facility Latitude:**	40.0725134
Class:	D	**Facility Longitude:**	-83.554711
Rules:	1992	**Last Review Date:**	7/2/2002
Coordinator:		**Last Update:**	Danielle Cook
LTF:	1 SUS/CON from regulated UST	**Last Update Date:**	11/20/2023
Rating:	10	**County:**	Champaign
Sequence No:	10759		
Class Desc:	A viable RP has been identified		

7	1 of1	SW	0.49 / 2,597.47	1,079.24 / -7	MECHANISBURG CENTRAL OFFICE	LUST

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25 E SANDUSKY ST
MECHANICSBURG OH 43044

Release No:	11002036-N00001
Release No (Map):	
Facility Name (Map):	
Address (Map):	
City (Map):	
Zip (Map):	
Latitude (Map):	
Longitude (Map):	
Release No (Web):	11002036-N00001
Facility Name (Web):	MECHANISBURG CENTRAL OFFICE
Address (Web):	25 E SANDUSKY ST
City (Web):	MECHANICSBURG
State (Web):	OH
Zip (Web):	43044
County (Web):	Champaign
Latitude (Web):	40.07219
Longitude (Web):	-83.55530
Release No (BUSTR):	11002036 - N00001
Facility Name (BUSTR):	MECHANISBURG CENTRAL OFFICE
Address (BUSTR):	25 E SANDUSKY ST
City (BUSTR):	MECHANICSBURG
State (BUSTR):	Ohio
Zip (BUSTR):	43044
County (BUSTR):	Champaign
Latitude (BUSTR):	40.07219
Longitude (BUSTR):	-83.55530
Release No (OTTER):	N00001
Fac No and Name(OTTER):	11002036 (MECHANISBURG CENTRAL OFFICE)
Address (OTTER):	25 E SANDUSKY ST
City (OTTER):	MECHANICSBURG
State (OTTER):	
Zip (OTTER):	43044
County (OTTER):	Champaign
Data Source:	Ohio Tank Tracking & Environmental Regulations (OTTER) Search; Facility Details with Active & Inactive Environmental Files (Web); Active and Inactive Registered Underground Storage Tanks (BUSTR)

Facility Details with Active & Inactive Environmental Files

Facility Status:	Inactive	***Date Last Change:***	3/24/2023
LTF Status:	6 Closure of regulated UST	***Review Date:***	03/24/2023
FR Status:	NFA: No Further Action	***Priority:***	2
Release Date:	10/06/2021	***Class:***	D
Class Description:	A viable RP has been identified		

Ohio Tank Tracking & Environmental Regulations (OTTER) Search

Old Incident ID:		***Date Reported:***	10/6/2021
Tank Status:	No Tanks Available	***Owner Busi Name:***	FRONTIER COMMUNICATION CORP
Facility:	11002036 (MECHANISBURG CENTRAL OFFICE)		
Facility Link:	https://apps.com.ohio.gov/fire/OTTER/Home/Index?ReturnUrl=%2ffire%2fOTTER%2fInquiry%2fInquiry#13552		
Release Link:	https://apps.com.ohio.gov/fire/OTTER/CorrectiveAction/ReleaseReport?releasesId=59670		

Active and Inactive Registered Underground Storage Tanks (BUSTR)

Incident No:		***Facility Name:***	MECHANISBURG CENTRAL OFFICE
Status:	NFA: No Further Action	***Facility Address:***	25 E SANDUSKY ST
Release Date:	10/6/2021	***Facility City:***	MECHANICSBURG
Last Status Updated:	3/24/2023	***Facility State:***	Ohio
Substatus:	Approved	***Facility ZIP:***	43044
Priority:	2	***Facility Latitude:***	40.07219
Class:	D	***Facility Longitude:***	-83.55530
Rules:	2017	***Last Review Date:***	3/24/2023
Coordinator:	Danielle Cook	***Last Update:***	Ralph Mertz

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LTF:	6 Closure of regulated UST	**Last Update Date:**	3/24/2023
Rating:		**County:**	Champaign
Sequence No:	23620		
Class Desc:	A viable RP has been identified		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of1	SSW	0.91 / 4,800.34	1,050.52 / -36	MECHANICSBURG GAS LIGHT COMPANY WALNUT STREET NEAR RR MECHANICSBURG OH 43044	TOWNGAS

Process:	WATER GAS	**Latitude (D/M/S):**	40 03 55
County:	CHAMPAIGN	**Longitude (D/M/S):**	83 33 18
District:	5		

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Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

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Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

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Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Sep 25, 2024

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SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Oct 24, 2024

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Oct 24, 2024

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

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

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 21, 2024

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RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 21, 2024

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 21, 2024

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Oct 21, 2024

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 21, 2024

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 21, 2024

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

DRAFT

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Nov 20, 2024

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Sep 25, 2024

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Oct 15, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

DRAFT

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 6, 2024

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Oct 24, 2024

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Oct 24, 2024

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

DRAFT

State

Division of Environmental Response & Revitalization Database: DERR

The Ohio Environmental Protection Agency's (Ohio EPA) Division of Environmental Response and Revitalization (DERR) database is an index of sites maintained by their district offices. The database contains basic site information only and is NOT a record of contaminated sites in Ohio. Not all sites are contaminated, and a site's absence does not imply that it is uncontaminated. The database is also not a list of Brownfield sites; some sites do not meet the federal or state definitions of Brownfields, and many properties in Ohio that may qualify as Brownfields are not included.

Government Publication Date: Oct 18, 2024

Delisted Division of Environmental Response & Revitalization: DELISTED DERR

List of sites which were once included but have since been removed from the Ohio Environmental Protection Agency (Ohio EPA) Division of Environmental Response & Revitalization (DERR) database; an index of sites for which district offices maintain files. DERR 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.

Government Publication Date: Oct 18, 2024

Ohio Licensed Solid Waste Facilities, Landfills and other Waste Facilities: SWF/LF

List of landfill and solid waste facilities of various types as maintained by the Division of Materials and Waste Management of the Ohio Environmental Protection Agency (Ohio EPA), including: municipal solid waste facilities, municipal solid waste transfer stations, construction and demolition landfills, compost class 1,2,3 and 4 facilities, industrial and residual waste landfills, and scrap tire disposal and recycling facilities. Includes active and inactive facilities.

Government Publication Date: Jun 22, 2022

Ohio Old Solid Waste Landfill (OLDSWLF): HIST LF

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-1970's, including old Division of Solid and Hazardous Waste Management and DERR files, the Eckhardt Report and the 1976 Groundwater Pollution Inventory-Summary of Land Disposal.

Government Publication Date: Historic

Ohio Leaking Underground Storage Tanks (LUST): LUST

List of facilities with active and inactive environmental files, and active and inactive tank facilities with releases, made available by the Ohio Department of Commerce, Division of the State Fire Marshal under the Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR's mission is to effectively regulate the safe operation of underground storage tanks and to ensure appropriate investigation and cleanup of releases from underground storage tanks for the purpose of protecting human health and the environment for the citizens of Ohio.

Government Publication Date: Oct 23, 2024

Delisted Petroleum Release List: DELISTED LST

List of petroleum release incidents sites that have been removed from either: the list of facilities with active release from regulated tanks, or the Non-Regulated Leaking Underground Storage Tanks (LUST) list, both made available by the Bureau of Underground Storage Tank Regulations in the Ohio Department of Commerce.

Government Publication Date: Oct 23, 2024

Regulated and Non-Regulated Leaking Underground Storage Tanks (LUST): LST

List of sites where there has been a suspected or confirmed release of petroleum from a regulated or non-regulated underground storage tank (UST). This list has been made available by the Bureau of Underground Storage Tank Regulations in the Ohio Department of Commerce.

Government Publication Date: Oct 23, 2024

Ohio Registered Underground Storage Tanks (UST): UST

List of Active and Inactive Registered Underground Storage Tanks regulated by the Ohio Department of Commerce, Division of the State Fire Marshal under the Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR's mission is to effectively regulate the safe operation of underground storage tanks and to ensure appropriate investigation and cleanup of releases from underground storage tanks for the purpose of protecting human health and the environment for the citizens of Ohio.

Government Publication Date: Oct 23, 2024

Aboveground and Unregulated Tanks: TANKS

A list of tanks in Ohio known to the Division of the State Fire Marshal - Code Enforcement Bureau.
Note: Aboveground Storage Tanks in Ohio are regulated by local fire departments. This list of tanks known to the State Fire Marshall should not be considered a comprehensive list of aboveground or unregulated tanks in Ohio.

Government Publication Date: Aug 22, 2022

DRAFT

Aboveground and Unregulated Tanks (since 2022): TANKS 2

A list of tanks in Ohio known to the Ohio Division of the State Fire Marshal - Code Enforcement Bureau. Note this listing only includes data posted after July 2022.
Note: Aboveground Storage Tanks in Ohio are regulated by local fire departments. This list of tanks known to the State Fire Marshall should not be considered a comprehensive list of aboveground or unregulated tanks in Ohio.
Government Publication Date: Dec 3, 2024

Delisted Storage Tanks: DTNK

A list of sites which once appeared on and have since been removed from either: the list of active or inactive tank sites made available by the State Fire Marshall Bureau of Underground Storage Tanks (BUSTR); or the Ohio Tank Tracking and Environmental Regulations search (BUSTR Public Inquiry page).
Government Publication Date: Dec 2, 2024

Engineering Controls: ENG

This list of sites with implemented engineering controls is maintained by the Ohio Environmental Protection Agency's (Ohio EPA) Division of Environmental Response and Revitalization (DERR). The site listing is sourced from the DERR List of Projects with Engineering Controls which includes applicable projects under the Voluntary Action Program (VAP) and the Remedial Response Program (RR). This data also includes sites from the applicable DERR map layer from the Ohio Department of Transportation's (ODOT) Transportation Information Mapping System (TIMS).
Government Publication Date: Oct 18, 2024

Institutional Controls: INST

This list of sites with institutional controls in place is maintained by the Ohio Environmental Protection Agency's (Ohio EPA) Division of Environmental Response and Revitalization (DERR). The site listing is sourced from the DERR List of Projects with Institutional Controls which includes applicable projects under the Voluntary Action Program (VAP) and the Remedial Response Program (RR). This data also includes sites from the applicable DERR map layer from the Ohio Department of Transportation's (ODOT) Transportation Information Mapping System (TIMS).
Government Publication Date: Oct 18, 2024

Voluntary Action Program Sites: VCP

This list of Voluntary Action Program sites is provided by the Ohio Environmental Protection Agency's (Ohio EPA) Division of Environmental Response and Revitalization (DERR). The VAP Program gives individuals a way to investigate possible environmental contamination, clean it up if necessary and receive a promise from the State of Ohio that no more cleanup is needed. When cleanup requirements are met, the director of Ohio EPA issues a covenant not to sue. This covenant protects the property owner or operator and future owners from being legally responsible to the State of Ohio for further investigation and cleanup. This protection applies only when the property is used and maintained in the same manner as when the covenant was issued.
Government Publication Date: Oct 18, 2024

Covenants Not to Sue Sites: VAP CNS

This list of sites where a covenant not to sue (CNS) has been issued is maintained by the Ohio Environmental Protection Agency (EPA). The Ohio EPA's Voluntary Action Program (VAP) sets standards for contaminated site assessment and remediation and reviews the activities conducted by certified professionals based on those standards to issue covenants not to sue (CNS).
Government Publication Date: Jun 24, 2024

Brownfield Inventory: BROWNFIELDS

Statewide inventory of brownfield properties maintained by the Ohio Environmental Protection Agency (Ohio EPA). Ohio EPA describes a brownfield as a previously-developed site with potential contamination from industrial or commercial activity that was not being redeveloped due to fear of litigation. Inclusion on this list is voluntary. Most of the properties contained in the Ohio Brownfield Inventory are properties that have received funding through either the Clean Ohio Assistance Fund (COAF) or Clean Ohio Revitalization Fund (CORF). There are also some properties listed that have received funding through U.S. EPA's Brownfield Grants.
Government Publication Date: Sep 13, 2024

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Ohio, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Ohio, according to the U.S. Department of Interior, Bureau of Indian Affairs.
Government Publication Date: Oct 16, 2017

DRAFT

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Ohio, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Ohio, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 7, 2024

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Aug 5, 2024

On-Scene Coordinator Response Sites: OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: Apr 4, 2024

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Aug 1, 2024

Toxics Release Inventory (TRI) Program: TRIS

DRAFT

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Dec 17, 2024

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Oct 24, 2024

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Jun 27, 2024

National Response Center PFAS Spills: PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Dec 9, 2024

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Dec 16, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data: PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jul 22, 2024

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Dec 15, 2024

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

DRAFT

Government Publication Date: Dec 16, 2024

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 20, 2024

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

DRAFT

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) 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 and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Apr 13, 2024

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2024

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2024

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

DRAFT

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data 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. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 29, 2024

Superfunds Consent Decrees: CONSENT DECREES

DRAFT

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Apr 15, 2024

State

Ohio Emergency Response (ER) Spills data: SPILLS

This data contains incidents reported to the Office of Emergency Response (ER) of the Ohio Environmental Protection Agency (Ohio EPA). Spill site and products released are included in the data, as well as clandestine drug lab sites with environmental impact.

Government Publication Date: May 25, 2022

Ohio Historic Towngas Database (TOWNGAS): TOWNGAS

A list of 82 sites of coal gas generators in Ohio. These plants produced gas for street lights in the communities in which they were located. The production of one million cubic feet of gas also produced about 800 gallons of liquid coal tar, which is a carcinogen. TOWNGAS was developed from a database from Radian Corporation along with information from the Ohio Historical Society and various public libraries.

Government Publication Date: Historic

Dry Cleaning Facilities: DRYCLEANERS

DRAFT

This list of facilities, which have obtained permits to install or operate dry cleaning operations, is maintained by the Ohio Environmental Protection Agency's (Ohio EPA) Division of Air Pollution Control (DAPC). This data is sourced from the Ohio EPA's applicable electronic copies of issued permits search tool and FOIA file.

Government Publication Date: Jul 4, 2023

Delisted Drycleaner Facilities: DELISTED DRYCLEANERS

List of drycleaner facilities/sites which have been delisted from Ohio Environmental Protection Agency (Ohio EPA).

Government Publication Date: Jul 4, 2023

Urban Setting Designation Sites: USD

List of sites granted Urban Setting Designation (USD) by the Ohio Environmental Protection Agency (Ohio EPA). USDs are granted to brownfield and voluntary cleanup properties located in highly urbanized areas where ground water containing chemicals from prior industrial or commercial activities poses no perceptible risk to the community because the ground water is not being used and will not be used for drinking water purposes in the foreseeable future.

Government Publication Date: Jul 30, 2024

Cessation of Regulated Operations (CRO) Program: CRO

The goal of the Cessation of Regulated Operations (CRO) program run by the Ohio Environmental Protection Agency (Ohio EPA) is to prevent threats to human health and the environment created when business owners and operators irresponsibly abandon businesses where chemicals were produced, used, stored or handled.

Government Publication Date: Sep 24, 2024

Ohio Old Sludge Dumping Database (SIABASE): SIAB

This database of about 2800 sites respresent pits, ponds and lagoons where various types of sludge were dumped over many years. The object of this data collection was to determine if harm was done to drinking water supplies below each dump site. The data were collected during the 1970s and published by the Ohio Environmental Protection Agency in 1980.

Government Publication Date: Historic

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of known PFAS contaminated sites. This list is made available by the Ohio Environmental Protection Agency (Ohio EPA).

Government Publication Date: Oct 6, 2022

PFAS Testing of Ohio Public Water Systems: PFAS PWS

A list of public water supply systems that have been tested for PFAS made available by the Ohio Environmental Protection Agency (EPA).

Government Publication Date: Oct 6, 2022

Underground Injection Control Wells: UIC

This database includes Class I, IV and V Underground Injection Control (UIC) Wells and is provided by Ohio Environmental Protection Agency (OH EPA). The OH EPA's UIC Program is responsible for the regulation of these injection wells, and for assuring that their operation does not contaminate underground sources of drinking water. This Program was established under the authority of Ohio Revised Code sections 6111.043 and 6111.044, and regulates Class I, IV, and V wells by implementing Chapter 3745-34 of the Ohio Administrative Code. Detailed well class descriptions are as followings: Class I wells inject hazardous and non-hazardous wastes into deep, isolated rock formations that are thousands of feet below the lowermost underground source of drinking water. Class IV wells are shallow wells used to inject hazardous or radioactive wastes into or above a geologic formation that contains an underground source of drinking water. Class V wells are used to inject non-hazardous fluids underground either into or above an underground source of drinking water.

Government Publication Date: Jul 23, 2024

Permit by Rule Air Facilities: AIR PERMITS

A permit-by-rule is a specific permit provision in the Ohio Administrative Code that applies to certain types of low-emitting air pollution sources. This list of Permit by Rule facilities is provided by the Ohio Environmental Protection Agency.

Government Publication Date: Jun 19, 2024

Tribal

No Tribal additional environmental record sources available for this State.

County

DRAFT

No County additional environmental record sources available for this State.

DRAFT

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

DRAFT

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APPENDIX C-2: Regulatory Records - General Public Records

C06-03-00-44-00-002-00

1/18/2025

Karen T. Bailey
County Auditor
Champaign County, Ohio
auditor.co.champaign.oh.us

MOST RECENT PHOTO

LEGAL

OWNER	OHME DARBY MHP LLC
ADDRESS	284 E SANDUSKY ST
DESCRIPTION	RTS 00-00-00 _ _ 4743 PT MCARTHUR PAR 002-02 TO BE ATTACHED
SCHOOL DIST	MECHANICSBURG EVSD
TAX DIST	C06
ACREAGE	4.3630

VALUATION

	APPRAISED	ASSESSED
LAND	$42,900.00	$15,020.00
IMPROVEMENTS	$213,150.00	$74,600.00
CAUV	$0.00	$0.00
TOTAL	$256,050.00	$89,620.00

TAXES

TAXABLE VALUE	$89,620.00
ROLLBACKS	NONE
DELINQUENT (TOTAL / BALANCE)	$0.00/ $0.00
HALF (1ST / 2ND)	$2,481.91 / $2,481.91
YEAR (TOTAL / BALANCE)	$4,963.82 / $4,963.82

SPECIAL ASSESSMENTS

COUNT	0
YEAR (TOTAL / BALANCE)	$0.00 / $0.00
DELINQUENT (TOTAL / BALANCE)	$0.00 / $0.00

MOST RECENT SALES

DATE	BUYER	SELLER	# PARCELS	PRICE	VALIDITY
10/9/2019	OHME DARBY MHP LLC	OMHE DARBY MHP LLC	2	$0.00	False
5/6/2016	OMHE DARBY MHP LLC	DARBY VIEW LLC	2	$192,500.00	True
7/5/2012	DARBY VIEW LLC	FINLEY SHELLEY & WILLIAM	2	$350,000.00	True
12/28/1999	FINLEY SHELLEY & WILLIAM	DETRICK HOWARD JOHN	1	$296,000.00	True
5/15/1998	DETRICK HOWARD JOHN	OWEN ANNAJEAN	1	$247,000.00	True

LAND

CODE	DIM 1	DIM 2	DIM 3	VALUE
A7-SECONDARY SITE	3	0	0	$26,900.00
A6-PRIMARY SITE	1	0	0	$16,000.00

ADDITIONS

IMPROVEMENTS

DRAFT

DESCRIPTION (CARD: 1 / # 1)	MH1-MH PARK IMP EXCELLENT UN BUILT IN 1992	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	G-GOOD / B	**VALUE (FINAL / TOTAL)**	$210,560.00 / $21,269.00
DESCRIPTION (CARD: 1 / # 2)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1987	**DIMENSIONS / AREA**	70 x 14 / 980 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 5)	RS1-SHED FRAME UTILITY SF BUILT IN 1992	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / C-1	**VALUE (FINAL / TOTAL)**	$430.00 / $2,159.00
DESCRIPTION (CARD: 1 / # 60)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 61)	RM3-MH SINGLE WIDE - PP SF BUILT IN 2001	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 62)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1998	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 63)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	72 x 14 / 1,008 sqft
CONDITION / GRADE	F-FAIR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 64)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 65)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	70 x 14 / 980 sqft
CONDITION / GRADE	A-AVERAGE / D+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 66)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1992	**DIMENSIONS / AREA**	76 x 16 / 1,216 sqft
CONDITION / GRADE	A-AVERAGE / D	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 2 / # 7)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$50.00 / $353.00
DESCRIPTION (CARD: 2 / # 8)	CP5-CANOPY ONLY SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$40.00 / $267.00
DESCRIPTION (CARD: 2 / # 9)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1988	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 2 / # 10)	SM5-MH WOOD DECK SF BUILT IN 1988	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$210.00 / $794.00
DESCRIPTION (CARD: 2 / # 11)	CP5-CANOPY ONLY SF BUILT IN 1988	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$70.00 / $476.00
DESCRIPTION (CARD: 3 / # 12)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1971	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 3 / # 13)	CP5-CANOPY ONLY SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$50.00 / $267.00
DESCRIPTION (CARD: 3 / # 14)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$60.00 / $353.00
DESCRIPTION (CARD: 4 / # 17)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1982	**DIMENSIONS / AREA**	60 x 12 / 720 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 5 / # 18)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1966	**DIMENSIONS / AREA**	54 x 12 / 648 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 5 / # 19)	SM5-MH WOOD DECK SF BUILT IN 1966	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$100.00 / $756.00
DESCRIPTION (CARD: 6 / # 23)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	57 x 12 / 684 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 6 / # 24)	MV1-MISC STRUCTURE SV BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft

DRAFT

CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$40.00 / $288.00
DESCRIPTION (CARD: 6 / # 25)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1995	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 7 / # 29)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1987	**DIMENSIONS / AREA**	59 x 14 / 826 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 7 / # 30)	SM5-MH WOOD DECK SF BUILT IN 1987	**DIMENSIONS / AREA**	16 x 12 / 192 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$220.00 / $864.00
DESCRIPTION (CARD: 8 / # 31)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1972	**DIMENSIONS / AREA**	62 x 14 / 868 sqft
CONDITION / GRADE	A-AVERAGE / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 8 / # 32)	SM3-MH COVERED PATIO/CP SF BUILT IN 1972	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / E+1	**VALUE (FINAL / TOTAL)**	$160.00 / $821.00
DESCRIPTION (CARD: 8 / # 33)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1973	**DIMENSIONS / AREA**	67 x 14 / 938 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 8 / # 34)	SM5-MH WOOD DECK SF BUILT IN 1973	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E-1	**VALUE (FINAL / TOTAL)**	$110.00 / $720.00
DESCRIPTION (CARD: 8 / # 35)	CP5-CANOPY ONLY SF BUILT IN 1973	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$100.00 / $648.00
DESCRIPTION (CARD: 9 / # 36)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1977	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 9 / # 37)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1991	**DIMENSIONS / AREA**	68 x 12 / 816 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 38)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1974	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 39)	SM5-MH WOOD DECK SF BUILT IN 1974	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$50.00 / $340.00
DESCRIPTION (CARD: 10 / # 40)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1985	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 41)	SM5-MH WOOD DECK SF BUILT IN 1985	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$190.00 / $756.00
DESCRIPTION (CARD: 11 / # 42)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1986	**DIMENSIONS / AREA**	77 x 14 / 1,078 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 11 / # 43)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 11 / # 44)	MV2-MISC STRUCTURE SV BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$220.00 / $2,218.00
DESCRIPTION (CARD: 11 / # 45)	SM5-MH WOOD DECK SF BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$40.00 / $475.00
DESCRIPTION (CARD: 12 / # 47)	SM5-MH WOOD DECK SF BUILT IN 1980	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$120.00 / $648.00
DESCRIPTION (CARD: 12 / # 48)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1974	**DIMENSIONS / AREA**	57 x 12 / 684 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 13 / # 50)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1971	**DIMENSIONS / AREA**	60 x 14 / 840 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 13 / # 51)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$140.00 / $1,037.00

DRAFT

DESCRIPTION (CARD: 15 / # 56)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1979	**DIMENSIONS / AREA**	52 x 14 / 728 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 15 / # 57)	SM5-MH WOOD DECK SF BUILT IN 1979	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$110.00 / $605.00
DESCRIPTION (CARD: 15 / # 58)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	48 x 12 / 576 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 15 / # 59)	SM5-MH WOOD DECK SF BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$80.00 / $518.00

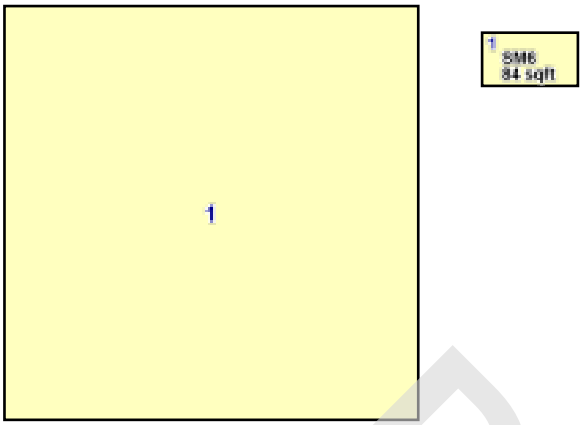
DRAFT

C06-03-00-44-00-002-02

1/27/2025

Karen T. Bailey
County Auditor
Champaign County, Ohio
auditor.co.champaign.oh.us

FIRST SKETCH



LEGAL

OWNER	OHME DARBY MHP LLC
ADDRESS	E SANDUSKY ST
DESCRIPTION	RTS 00-00-00 __ 4743 PT MCARTHUR TO BE ATTACHED TO 002-00
SCHOOL DIST	MECHANICSBURG EVSD **TAX DIST** C06
ACREAGE	0.0740

VALUATION

	APPRAISED	ASSESSED
LAND	$3,420.00	$1,200.00
IMPROVEMENTS	$690.00	$240.00
CAUV	$0.00	$0.00
TOTAL	$4,110.00	$1,440.00

TAXES

TAXABLE VALUE	$1,440.00
ROLLBACKS	NONE
DELINQUENT (TOTAL / BALANCE)	$0.00/ $0.00
HALF (1ST / 2ND)	$39.91 / $39.91
YEAR (TOTAL / BALANCE)	$79.82 / $79.82

SPECIAL ASSESSMENTS

COUNT	0
YEAR (TOTAL / BALANCE)	$0.00 / $0.00
DELINQUENT (TOTAL / BALANCE)	$0.00 / $0.00

MOST RECENT SALES

DATE	BUYER	SELLER	# PARCELS	PRICE	VALIDITY
10/9/2019	OHME DARBY MHP LLC	OMHE DARBY MHP LLC	2	$0.00	False
5/6/2016	OMHE DARBY MHP LLC	DARBY VIEW LLC	2	$192,500.00	True
7/5/2012	DARBY VIEW LLC	FINLEY SHELLEY & WILLIAM	2	$350,000.00	True
12/28/1999	FINLEY SHELLEY & WILLIAM	* NOT ON FILE *	1	$296,000.00	True

LAND

CODE	DIM 1	DIM 2	DIM 3	VALUE
A6-PRIMARY SITE	0	0	0	$3,420.00

ADDITIONS

IMPROVEMENTS

DESCRIPTION (CARD: 1 / # 1)	SM6-MH ATTACHED 1S FRAME SF BUILT IN 1980	**DIMENSIONS / AREA**	14 x 6 / 84 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$690.00 / $2,286.00
DESCRIPTION (CARD: 1 / # 2)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1989	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00

DRAFT

Champaign County Ohio

1/18/2025, 6:07:06 AM

Parcels

Road Names

1:2,257

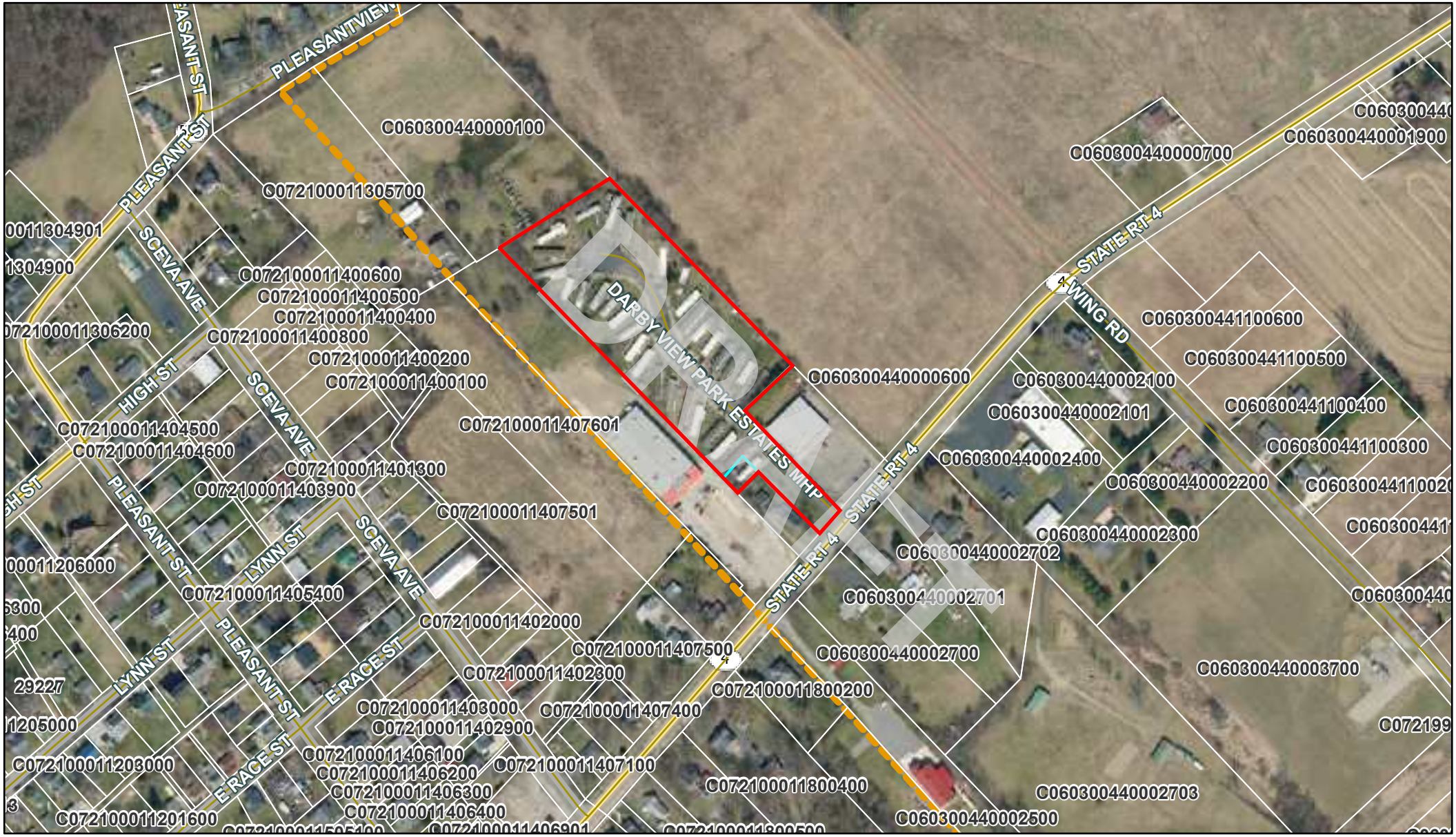
0 0.01 0.03 0.05 mi

0 0.02 0.04 0.09 km

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Auditors Office

Champaign County Ohio



1/18/2025, 6:09:22 AM

Parcels

Road Names

1:4,514

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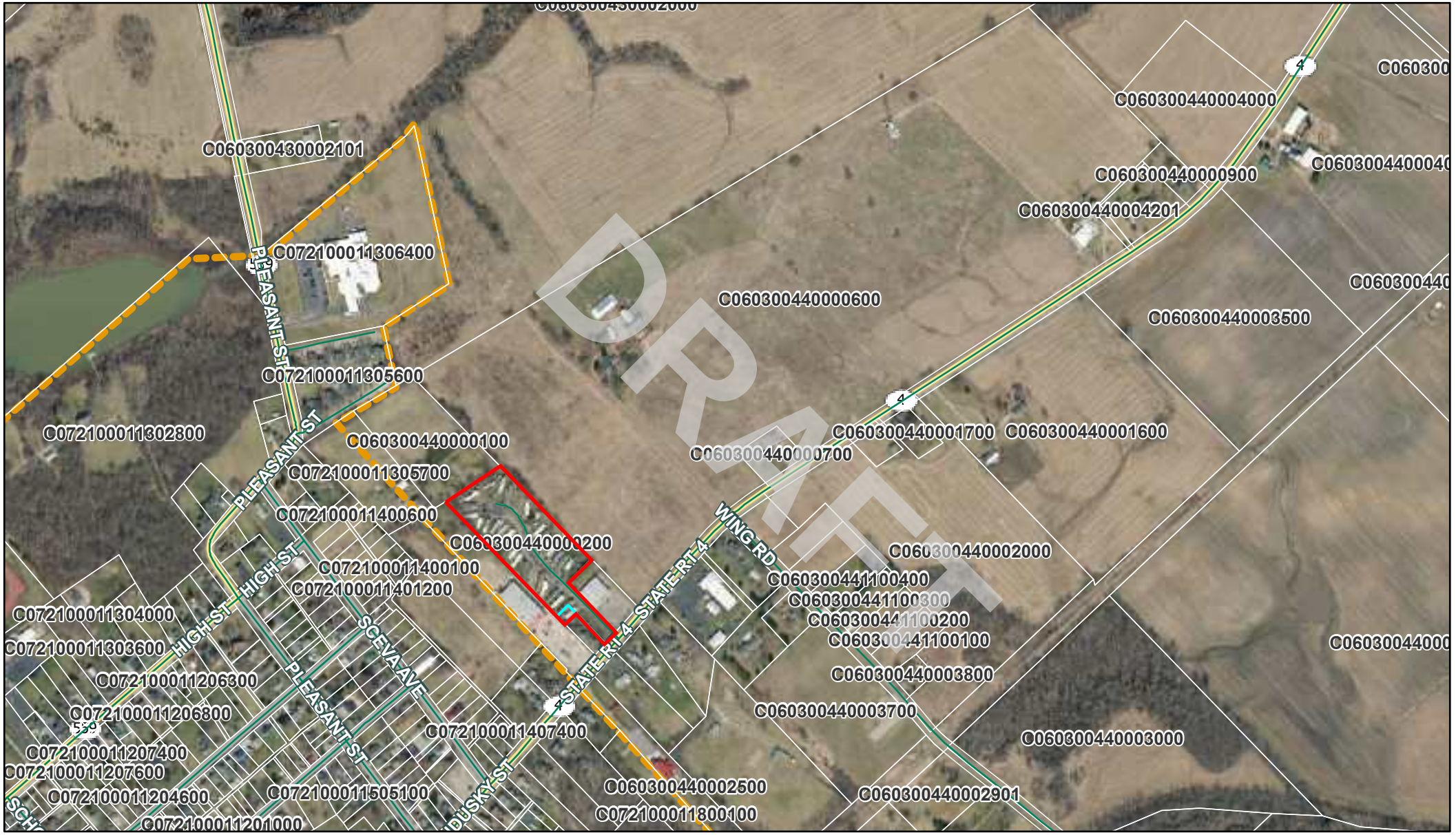
0 0.04 0.09 0.18 km

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Auditors Office

Champaign County Ohio



1/18/2025, 6:08:40 AM

Parcels

Road Names

1:9,028

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

Esri, NASA, NGA, USGS, FEMA

Auditors Office

Esri, NASA, NGA, USGS, FEMA |

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: Kristen Rini **Affiliation:** **Nova**

Requester Address: 3157 Norwood Street

City: **Columbus** **State:** **OH** **Zip:** **43224**

Requester Phone #: 330-221-3440

Requester Email: Rini.kristen@gmail.com

DRAFT

1. RECORDS REQUESTED:

Facility or Site Names and Address:

Name	Address	City	County
Darby View Manufactured Housing Community or any additional name	284 East Sandusky Street	Mechanicsburg / Goshen Township	Champaign
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.	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: Click here to enter text.

2. DATE RANGE **From:** **1900** **To:** **Present**

3. DIVISIONS AND MAJOR PROGRAM AREAS:

Division of Air Pollution Control (DAPC):

- X Stack Tests
- X Asbestos Emission Controls
- X Air Permits
- X Open Burning Regulation
- X Ambient Air Monitoring
- X Mobile Sources/Asphalt Plants
- X Toxic Release Inventory
- X Air Nuisance

Division of Surface Water (DSW):

- X Nonpoint Source
- X NPDES/Pretreatment
- X Storm Water
- X Surface Water Permits to Install
- X Sludge Management
- X Water Quality Reports/Watershed
- X Wetland and Stream Permitting (401)

Division of Environmental Response and Revitalization (DERR):

- X Emergency Response Incident Reports

Division of Drinking and Ground Waters (DDAGW):

- X Monthly Operating Reports (MORs)

X	RCRA Corrective Action Files
X	RCRA Groundwater Files
X	RCRA Closure Files
X	Voluntary Action Program (VAP) Files
X	Site Assessments
X	Lead and Copper Files
X	Plan approvals, well logs, etc.
X	Ground Water Quality Characterization
X	Underground Injection Control files

Division of Materials and Waste Management (DMWM):

Solid Waste Section:

X	Construction and Demolition Debris (C&DD)
X	Scrap Tires
X	Composting
X	Open Dumping
X	Infectious Waste
X	Municipal Solid Waste Landfills/Incinerators
X	Municipal Solid Waste Transfer Stations
X	Residual/Industrial Solid Waste Landfills
X	Solid Waste Management Planning
X	Beneficial Use

Hazardous Waste Section:

X	Cessation of Regulated Operations
X	RCRA C-Hazardous Waste

X **Division of Environmental and Financial Assistance**

4. COMMON PUBLIC DOCUMENT TYPES

X	Final Permits/Licenses/Authorizations
X	Inspection Reports/Checklists
X	Director's Final Findings and Orders
X	District Office Investigation Reports
X	Financial Assurance Documents
X	Water Plant Operator Certifications
X	Settlement Correspondence
X	Attorney General Office Referral Letters
X	Total Maximum Daily Load Reports
X	Notices of Violation
X	Emergency Response Incident Reports
X	Discharge Monitoring Reports (DMRs)
X	Public Notice/Public Hearing Transcript
X	Wastewater Operator Certifications
X	Return to Compliance Letters
X	Bilateral Compliance Agreements
X	Environmental Covenants

5. EMAILS (Please list the following information)

Sender(s): Rini.kristen@gmail.com Date Range: 1900-Present

Recipient(s): Rini.kristen@gmail.com

Program/Subject Matter: Environmental Assessment

DRAFT

January 29, 2025

Kristen Rini
Nova
3157 Norwood Street
Columbus, Ohio 43224

RE: Public Records Request
Darby View Manufactured Housing Community
284 East Sandusky Street
Mechanicsburg / Goshen Township, Ohio

DRAFT

Dear Kristen Rini:

I wish to inform you that Ohio EPA's Southwest District Office has received your above referenced request. Records housed in the divisions you requested, in this office, have been searched and we have no records or information responsive to this request. If you believe there may be records relating to this location under a different name or address, please feel free to contact me and I will be glad to initiate a new search.

However, you may want to look up Ohio EPA's eDocument Search which could include documents that the district offices may not have. The web address is: http://edocpub.epa.ohio.gov/publicportal/edochome.aspx.

You can also contact the following departments to see if they have any records on the property you've requested.

- Richard Bouder- Public Records Manager, Ohio EPA, Director's Office, Columbus Office; this will include Spill Reports, Wetland Permits and any other files that Central Office may have. – (614) 644-2782 or richard.bouder@epa.ohio.gov
- Kelly Snedegar- State Fire Marshal's Office (BUSTR/LUST - Under/Above Ground Storage Tank) – kelly.snedegar@com.state.oh.us
- Richard Bouder, Public Records Manager, Ohio EPA, Director's Office; Any documents regarding Asbestos or any other Air related documents (614)644-2782 or richard.bouder@epa.ohio.gov

Should you have any questions or concerns, please feel free to contact me at (937) 285-6025 or Penny.Prather-Dix@epa.ohio.gov.

Sincerely,

Penny Prather-Dix

Penny Prather-Dix
Administrative Professional

DRAFT

Gmail

Kristen Rini <rini.kristen@gmail.com>

Health Records Request for a Property in Mechanicsburg, Ohio

1 message

Kristen Rini <rini.kristen@gmail.com> Sat, Jan 18, 2025 at 6:59 AM
To: health@champaignhd.com

Hello,

I am conducting an environmental site assessment for the mobile home park property located at 284 East Sandusky Street in Mechanicsburg / Goshen Township, Ohio.

As part of the investigation, I would like to review any and all records you have for the above-referenced address pertaining to the following:

- Current or historical use of hazardous materials and/or hazardous waste
- Current or historical underground/aboveground storage tanks (USTs/ASTs)
- Current or historical clarifiers, oil/water separators, grease traps, interceptors
- Violations or Notices to Comply

If possible, I would like to conduct the file review as soon as possible. Please contact me via phone (330-221-3440) or via email (rini.kristen@gmail.com) to schedule an appointment. Your immediate assistance is greatly appreciated. Thank you.

Sincerely,

Kristen Rini
Nova Associate
(330) 221-3440

DRAFT

VILLAGE OF MECHANICSBURG OHIO

DRAFT

Contact the Village of Mechanicsburg

Village of Mechanicsburg, Ohio
18 N. Main St.
Mechanicsburg, OH 43044
Phone: 937-834-3187
Fax: 937-834-3713

* *Indicates required field*

Name *

Kristen Rini

Email *

rini.kristen@gmail.com

Comment/Question *

VILLAGE OF MECHANICSBURG OHIO

As part of the investigation, I would like to review any and all records you have for the above-referenced

SUBMIT

DRAFT

VILLAGE OF MECHANICSBURG OHIO

18 N. Main St.
Mechanicsburg, OH 43044
Phone: 937-834-3187
Fax: 937-834-3713

Website by Berry Digital Solutions, LLC

Gmail

Kristen Rini <rini.kristen@gmail.com>

Building Records Request for a Property in Mechanicsburg, Ohio

Kristen Rini <rini.kristen@gmail.com> Sat, Jan 18, 2025 at 7:04 AM
To: dawn.evarson@com.ohio.gov

Hello,

I am conducting an environmental site assessment for the mobile home park property located at 284 East Sandusky Street in Mechanicsburg / Goshen Township, Ohio.

Are you able to provide me with building records for this address, including permits, certificates of occupancy, and any records of environmental concern (i.e. records of underground storage tank installation/removal, hazardous materials, etc.)?

Thank you! Please let me know if you have any questions.

Kristen Rini
Nova Associate
(330) 221-3440

DRAFT

Gmail **Kristen Rini <rini.kristen@gmail.com>**

Re: Building Records Request for a Property in Mechanicsburg, Ohio - #PR012125-024

dawn.evarson@com.ohio.gov <dawn.evarson@com.ohio.gov> Wed, Jan 22, 2025 at 4:05 PM
To: Kristen Rini <rini.kristen@gmail.com>

Kristen,

Pursuant to your discussion with Mo Nusbaum, attached please find a copy of the most recent inspection report and park license for 284 E. Sandusky St., Mechanicsburg, OH. There are no complaints against this park.

Should you have any questions, please do not hesitate to contact me. Thank you,

DRAFT

Ohio Department of Commerce

Dawn R. Evarson

Administrative Professional 4

Ohio Department of Commerce

Division of Industrial Compliance

6606 Tussing Road

Reynoldsburg, OH 43068

Desk: 614-752-7124

Dawn.Evarson@com.state.oh.us

com.ohio.gov

This message and any response to it may constitute a public record and thus may be publicly available to anyone who requests it.

From: Kristen Rini <rini.kristen@gmail.com>
Sent: Saturday, January 18, 2025 7:05 AM
To: Evarson, Dawn <dawn.evarson@com.ohio.gov>
Subject: Building Records Request for a Property in Mechanicsburg, Ohio

Hello,

I am conducting an environmental site assessment for the mobile home park property located at 284 East Sandusky Street in Mechanicsburg / Goshen Township, Ohio.

Are you able to provide me with building records for this address, including permits, certificates of occupancy, and any records of environmental concern (i.e. records of underground storage tank installation/removal, hazardous materials, etc.)?

Thank you! Please let me know if you have any questions.

Kristen Rini

Nova Associate

(330) 221-3440

DRAFT

CAUTION: This is an external email and may not be safe. If the email looks suspicious, please do not click links or open attachments and forward the email to csc@ohio.gov or click the Phish Alert Button if available.

[Quoted text hidden]

2 attachments

2024 APIR PK001567.pdf
264K

PR012125-024.pdf
496K

Department of Commerce
Division of Industrial Compliance

com.ohio.gov

Manufactured Home Park Annual Inspection Report

☒ Inspection ☐ Reinspection

Date of Inspection: 4/15/2024

This inspection report includes:	Violation(s) must be corrected:
☒ No Violations	
☐ Life Safety Violations	Within 3 days of the date the report was sent
☐ Non-Life Safety Violations	Within 30 days of the date the report was sent

Park Information:

Name of Park: Derby View MHP	Name of Owner/Operator: OHME Derby MHP, LLC
Park Address (street number and name, city, state and zip code): 284 E. Sandusky St., Mechanicsburg, Ohio 43044	
Number of Licensed Sites: 33	Park License Number: PK001567

Notes (For Inspector use only)

Park looks nice, Clean, and no empty sites.

The manufactured home park operator must correct the violations listed below and must provide proof of corrected violations in accordance with the instructions accompanying this report. Failure to comply may result in license suspension/revocation, a fine of up to $1,000 per day per violation, and/or any other penalty or remedy available under Chapter 4781 of the Ohio Revised Code or the rules adopted thereunder.

DRAFT

Manufactured Homes Program
6606 Tussing Road
Reynoldsburg, OH 43068-9009

614-844-2223
TTY/TDD 800-750-0750
com.ohio.gov

An Equal Opportunity Employer and Service Provider

Findings

Status of License:	Expiration Date of License:
☒ Active	
☐ Inactive	12/31/2024

Life Safety Violation(s)

Violation Number (Violation list on page 4)	Lot Number(s)/ Location in Park	Description of Violation(s)	Corrected (internal use only)
			☐
			☐
			☐
			☐

Non-Life Safety Violation(s)

			☐
			☐
			☐
			☐

DRAFT

Violation Number (Violation list on page 4)	Lot Number(s)/ Location in Park	Description of Violation(s)	Corrected (Internal use only)
			☐
			☐
			☐
			☐
			☐
			☐

List each site that does not have a home placed on it by lot number and/or address (For Inspector use only):

NONE

Inspector Name (please print):	Inspection Agency:	
Steve Moore	Champaign Health District	
Inspector Signature: Steve Moore	**Date Report Sent to Park:** 4/24/2024	**Total No. of Pages:** 4

DRAFT

Violation Number	Violation Description	Ohio Administrative Code Citation
01	Park Rules and Emergency No. Not Posted	O.A.C. 4781-12-24
02	Park Operator License Not Posted	O.A.C. 4781-12-03
03	Fire Separation Distance or Setback Violations	O.A.C. 4781-12-08
04	Lot Numbers and/or Streets Without Visible Identification	O.A.C. 4781-12-08(L)
05	Freestanding Auxiliary Building Fire Separation Distance Violation	O.A.C. 4781-12-08.1(A)
06	Park Streets Not Maintained in Safe, Passable Condition	O.A.C. 4781-12-09(K)
07	Insufficient Street Lighting at Night	O.A.C. 4781-12-10
08	Storm Water System Not in Clean/Free-Flowing Condition	O.A.C. 4781-12-12(C)
09	Unconnected Sewer Line/Sewage Discharge/Sewage Odors	O.A.C. 4781-12-17
10	Solid Waste Outside of Lidded Containers	O.A.C. 4781-12-18(A)
11	Electrical Systems Not Installed/Maintained with NEC	O.A.C. 4781-12-19(A)
12	Sewage System Not Maintained in Safe/Sanitary Manner	O.A.C. 4781-12-16(C)
13	Boats and Recreational Vehicles Stored on MH Lot	O.A.C. 4781-12-21(C)
14	Insufficient Drainage/Flooding/Improper Grading	O.A.C. 4781-12-06(A)
15	Water System Not Maintained in Safe/Sanitary Manner	O.A.C. 4781-12-11(A)
16	Park Conditions Providing for Harboring of Pests	O.A.C. 4781-12-22(D)
17	Sidewalks/Walkways Not Maintained	O.A.C. 4781-12-22(A)
18	Park Development without DIC Plan Approval	O.A.C. 4781-12-05(A)
19	Domestic Animals/Pets at Large or Creating Nuisances	O.A.C. 4781-12-22(B)
20	Flies or Mosquitoes	O.A.C. 4781-12-22(C)(2)
21	Other	Another Rule in Chapter 4781-12 of the Ohio Administrative Code

MANUFACTURED HOME PARK OPERATOR LICENSE

Darby View MHP
284 E. Sandusky St.
Mechanicsburg, OH 43044

Maximum No. of Lots: 33.0
License No. PK.001567
Expiration Date: 2025-12-31

Licensee:
OHME Darby MHP, LLC
PO Box 457
Cedaredge, CO 81413

LICENSE MUST BE POSTED AT ALL TIMES

Gmail **Kristen Rini <rini.kristen@gmail.com>**

Building Records Request for a Property in Mechanicsburg, Ohio

1 message

Kristen Rini <rini.kristen@gmail.com> Sat, Jan 18, 2025 at 7:04 AM
To: zoning@mechanicsburgvillage.com

Hello,

I am conducting an environmental site assessment for the mobile home park property located at 284 East Sandusky Street in Mechanicsburg / Goshen Township, Ohio.

Are you able to provide me with building records for this address, including permits, certificates of occupancy, and any records of environmental concern (i.e. records of underground storage tank installation/removal, hazardous materials, etc.)?

Thank you! Please let me know if you have any questions.

Kristen Rini
Nova Associate
(330) 221-3440

DRAFT

Gmail

Kristen Rini <rini.kristen@gmail.com>

Building Records Request for a Property in Mechanicsburg, Ohio

zoning@mechanicsburgvillage.com <zoning@mechanicsburgvillage.com> Mon, Jan 20, 2025 at 2:29 PM
To: Kristen Rini <rini.kristen@gmail.com>

This property is outside of the Village Corp limits.
[Quoted text hidden]

DRAFT

Gmail

Kristen Rini <rini.kristen@gmail.com>

Building Records Request for a Property in Mechanicsburg, Ohio

Kristen Rini <rini.kristen@gmail.com> Sat, Jan 18, 2025 at 7:05 AM
To: mhall@co.champaign.oh.us

Hello,

I am conducting an environmental site assessment for the mobile home park property located at 284 East Sandusky Street in Mechanicsburg / Goshen Township, Ohio.

Are you able to provide me with building records for this address, including permits, certificates of occupancy, and any records of environmental concern (i.e. records of underground storage tank installation/removal, hazardous materials, etc.)?

Thank you! Please let me know if you have any questions.

Kristen Rini
Nova Associate
(330) 221-3440

DRAFT

Gmail **Kristen Rini <rini.kristen@gmail.com>**

Building Records Request for a Property in Mechanicsburg, Ohio

Michele Hall <mhall@co.champaign.oh.us> Tue, Jan 21, 2025 at 12:04 PM
To: Kristen Rini <rini.kristen@gmail.com>

Kristen,

Building Regulations does not have jurisdiction for mobile home parks. You should contact the Ohio Department of Commerce they should be able to help you.

Michele Hall

Champaign County Building Regulations

1512 South U.S. Highway 68

Bay 13

Urbana, Ohio 43078

[Quoted text hidden]

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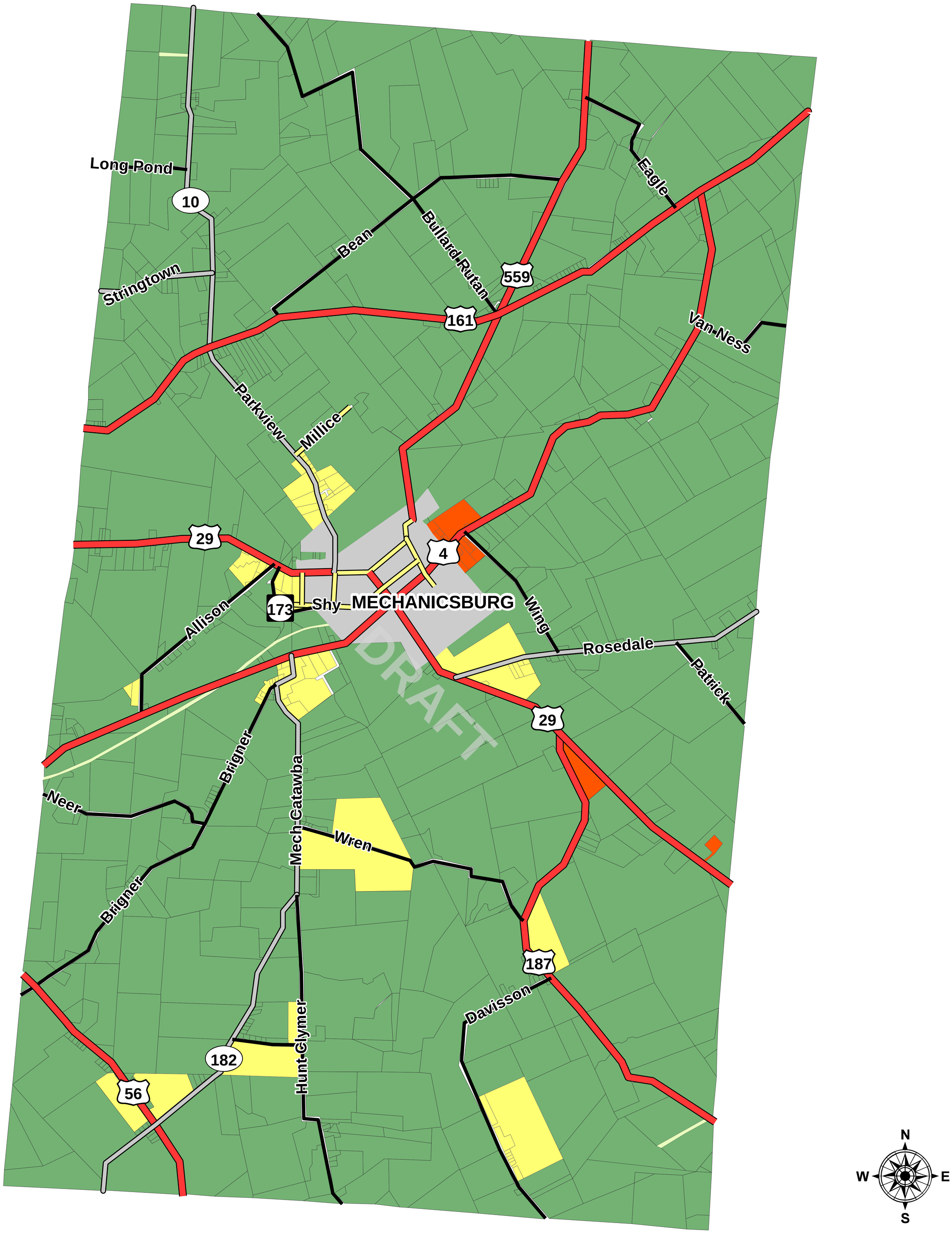

LANDUSE

- B-2
- M-2
- Mechanicsburg
- R-1
- Road/Rail ROW
- U-1

Road Type

- Township Road
- Township Highway
- County Highway
- State Route

GoshenTownship Zoning Map

0 0.3 0.6 1.2 Miles

Based on Official
Zoning map
Date: Oct 15,1996
Created on: July 21,2003
Revised: March 2007

9676 Foundry St.
PO Box 219
East Liberty, OH 43319
Phone (937) 666-3431
Fax (937) 666-6203

Logan-Union-Champaign Regional Planning Commission

Goshen Township
Champaign County, Ohio

Zoning Resolution

Amendment

COPY
202400003204 Pages: 68
Filed for Record in CHAMPAIGN County, Ohio
Glenda L. Bayman, Recorder
09/04/2024 03:20 PM Recording Fees: $20.00
ZONE AMEND OR 586 / p4941 - p5008

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This version: Amended and restated to reflect amendments adopted July 30, 2024.

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PREAMBLE

A RESOLUTION OF THE TOWNSHIP OF GOSHEN, CHAMPAIGN COUNTY, OHIO ENACTED IN ACCORDANCE WITH A COMPREHENSIVE PLAN AND THE PROVISION OF CHAPTER 519 OHIO REVISED CODE, DIVIDING THE TOWNSHP INTO ZONES AND DISTRICTS, ENCOURAGING, REGULATION AND RESTRICTING THEREIN THE LOCATION, CONSTRUCTION, RECONSTRUCTION, ALTERATION AND USE OF STRUCTURES AND LAND; PROMOTING THE ORDERLY DEVELOPMENT OF RESIDENTIAL, BUSINESS, INDUSTRIAL, RECREATIONAL, AND PUBLIC AREAS; PROVIDING FOR ADEQUATE LIGHT, AIR, AND CONVENIENCE OF ACCESS TO PROPERTY BY REGULATING THE USE OF LAND AND BUILDINGS AND THE BULK OF STRUCTURES IN RELATIONSHIP TO SURROUNDING PROPERTIES; LIMITING CONGESTION IN THE PUBLIC RIGHTS-OF-WAY; PROVIDING THE COMPATIBILITY OF DIFFERENT LAND USES AND THE MOST APPROPRIATE USE OF LAND; PROVIDING FOR THE ADMINISTRATION OF THIS RESOLUTION AS PROVIDED HEREAFTER, AND PRESCRIBING PENALTIES FOR THE VIOLATION OF THE PROVISIONS IN THIS RESOLUTION OR ANY AMENDMENT THERETO, ALL FOR THE PURPOSE OF PROTECTING THE PUBLIC HEALTH, SAFETY, COMFORT, AND GENERAL WELFARE; AND FOR THE REPEAL THEREOF.

THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWNSHIP OF GOSHEN, CHAMPAIGN COUNTY, OHIO.

ARTICLE I TITLE, INTERPRETATION, AND ENACTMENT

Section 100 Title. This Resolution shall be known and may be cited to as the "Zoning Resolution of the Township of Gosher, Champaign County, Ohio."

Section 101 Use of Land or Buildings for Agricultural Purposes Not Affected. The use of land or buildings for agricultural purposes are not affected by this Resolution and no zoning certificate shall be required for any such building or structure or use of land. Residential dwellings do require a permit, however.

Section 110 Provisions of Resolution Declared to be the Minimum Requirements. In their interpretation and application, the provisions of this Resolution shall be held to be minimum requirements, adopted for the promotion of the public health, safety, and the general welfare. Whenever the requirements of this Resolution conflict with the requirements of any other lawfully adopted rules, regulations, ordinances, or resolutions, the most restrictive, or that imposing the higher standards, shall govern.

Section 120 Separability Clause. Should any section or provision of this Resolution be declared by the courts to be unconstitutional or invalid, such decision shall not affect the validity of the Resolution as a whole, or any part thereof other than the part so declared to be unconstitutional or invalid.

Section 130 Replacement of Existing Resolution, Effective Date. The existing Resolution shall, upon adoption of this Resolution, be replaced by this Resolution and this Resolution shall have full force and effect. This Resolution shall become effective from and after the date of its approval and adoption, as provided by law.

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ARTICLE II DEFINITIONS

Interpretation of Terms or Words: For the purpose of this Resolution, certain terms or words used herein shall be interpreted as follows:

1. The word "person" includes a firm, association, organization, partnership, trust, company or corporation as well as an individual.
2. The present tense includes the future tense, the singular number includes the plural, and the plural number includes the singular.
3. The word "shall" is a mandatory requirement, the word "may" is a permissive requirement, and the word "should" is a preferred requirement.
4. The words "used" or "occupied" include the words "intended, designed, or arranged to be used or occupied."
5. The word "lot" includes the words "plat" or "parcel".

Accessory Use or Structure. A use or structure on the same lot with, and of a nature customarily incidental and subordinate to, the principal use or structure.

Agriculture. Agriculture includes farming, ranching, aquaculture, horticulture, viticulture, animal husbandry, including but not limited to, the care and raising of livestock, equine, and furbearing animals, poultry husbandry and the production of poultry and poultry products, dairy production, the production of field crops, tobacco, fruits, vegetables, nursery stock, ornamental shrubs, ornamental trees, flowers, sod, or mushrooms, timber, pasturage, any combination of the foregoing, the processing, drying, storage, and marketing of agricultural products when those activities are conducted in conjunction with, but are secondary to, such husbandry or production.

To preserve woodlands and wetlands associated with farms which because of their natural physical features are useful for water retention, groundwater recharge, and habitat for plant and animal life. Land designed for conservation, watershed protection, flood control and/or has an important aesthetic and scenic value. All land used for agriculture must conform to Ohio Revised Code 519.01.

Agritourism. Activities conducted on a farm and offered to the public or to invited groups for the purpose of recreation, education, entertainment, hospitality, direct sales or active involvement in agriculture production and may also generate additional farm income by promoting farm products. The activities shall co-exist with the operation of the farm and may include other uses as determined appropriate by the Board of Zoning Appeals except as prohibited by ORC section 519.21

Animal Feed Lot (Confined Animal Feeding Operation). Means a paved animal feeding or holding area or other lot, pen, yard, or other feeding or holding area where grass or other suitable vegetative cover is not maintained. Any animal feed lot that meets or exceeds 75% of the size threshold of a medium confined animal feeding operation as defined by the State of Ohio is required to obtain a conditional use permit.

Automotive Repair. The repair, rebuilding or reconditioning of motor vehicles or parts thereof, including collision services, painting, and steam cleaning of vehicles.

Alterations, Structural. Any change in the supporting members of a building such as bearing walls, columns, beams, or girders.

Basement. A story all or partly underground but having at least one-half of its height below the average level of the adjoining ground.

Building. Any structure designed or intended for the support, enclosure, shelter or protection of persons, animals, excepting animals immune under the agricultural purposes exemption in Article I, section 101 of this Resolution or for chattels, or property.
Structures being four (4) feet or less in height, or structures designed for and used exclusively by children, are exempt from the zoning permit requirements.

Building, Accessory. A subordinate building detached from, but located on the same lot, as the principal building, the use of which is incidental and accessory to that of the main building or use.

Building, Height. The vertical distance measured from the average elevation of the proposed finished grade at the front of the building to the highest point of the roof for flat roofs, to the deck line of mansard roofs, and the mean height between eaves and the ridge for gable, hip and gambrel roofs. Where a building is located on sloping terrain, the height may be measured from the average ground level of the grade at the building wall

Building Line. See setback line

Building, Principal. A building in which is conducted the main or principal use of the lot on which said building is situated.

Business, Convenience-Type Retail. Retail businesses whose market area is the neighborhood or part of the community, which provides convenience-type goods and personal services for the daily needs of the people within the residential area. Uses include, but need not be limited to, drugstores, beauty salons, barber shops, carry outs, dry cleaning and laundry facilities, supermarkets, etc

Business, Drive-in. Any business, structure, or premises, which is designed primarily to serve occupants or motor vehicles without the occupants having to leave the vehicle

Business, Service. Any profit making activity which renders primary services to the public or to other commercial or industrial enterprises. Some retail sales may be involved in connection with the service rendered.

Business, Shopping-Type Retail. A retail or service business which supplies a wide variety of comparison goods and services to consumers in a market area that includes the community or any area greater than a community. Examples of shopping-type businesses are furniture stores, automobile sales and service and clothing shops.

Channel. A natural or artificial watercourse of perceptible extent with bed and bands to confine and conduct continuously or periodically flowing water

Clinic. A place used for the care, diagnosis and treatment of sick, ailing, infirm, or injured persons, and those who are in need of medical and surgical attention, but who are not provided with board or room or kept overnight on the premises.

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Club or Fraternal Organization. A building portion thereof, or premises owned or operated by a person for a social, literary, political, educational, fraternal, or recreational purpose primarily for the exclusive use of members and their guests.

Commercial Recreation. Generally, recreation activities that are operated on a commercial for profit basis. Examples include golf courses, bowling alleys, and other similar activities.

Common Access Driveway. A common access driveway (CAD) is a privately constructed, privately owned, and privately maintained driveway within an ingress/egress easement serving more than one lot but not more than five lots properly installed in accordance with the requirements of the Champaign County Engineer and for which Champaign County and Goshen Township accept no responsibility for maintenance or liability. A common access drive provides an alternative to construction of public or private streets for accessing small numbers of lots and reduces the number of driveways along public roads.

Comprehensive Development Plan. A plan, or any portion thereof, adopted by the County Planning Commission and the Board of County Commissioners showing the general location and extent of present and proposed physical facilities including housing, industrial and commercial uses, major thoroughfares, parks, schools, and other community facilities. This plan established the goals, objectives, and policies of the community.

Conditional Use. A use permitted within a district other than a principally permitted use, requiring a conditional use permit and approval of the Board of Zoning Appeals. Conditional uses permitted in each district are listed in the Official Schedule of District Regulations.

Conditional Use Permit. A permit issued by the Zoning Inspector as instructed by the Board of Zoning Appeals to allow a use other than a principally permitted use to be established within the district.

Construction Trailer. A temporary building or trailer used in conjunction with construction work that only may be permitted in any district during the period of the construction work. A construction trailer shall not be used as a residential dwelling.

Corner Lot. See Lot Types.

Density. A unit of measurement: the number of dwelling units per acre of land.

1. Gross Density - the number of dwelling units per acre of the total land to be developed.
2. Net Density - the number of dwelling units per acre of land when the acreage involved includes only the land devoted to residential uses.

Dwelling. Any building or structure which is wholly or partly used or intended to be used for living or sleeping by one or more human occupants. Only one dwelling shall be permitted per lot.

Dwelling Unit. Space within a dwelling, comprising living, dining, sleeping room or rooms, storage closets, as well as space and equipment for cooking, bathing, and toilet facilities, all used by only one family and its household employees.

Dwelling, Single Family. A dwelling consisting of single dwelling unit only, separated from other dwelling units by open space.

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Dwelling, Multi-Family. A dwelling consisting of two or more dwelling units including condominiums with varying arrangements of entrances and party walls.

Dwelling, Modular Unit. A factory-fabricated transportable building designed to be used by itself or to be incorporated with similar units at a building site into a modular structure. The term is intended to apply to major assemblies and does not include prefabricated panels, trusses, plumbing trees, and other prefabricated sub elements which are to be incorporated into a structure at the site.

Dwellings, Sectional Units. A dwelling made of two (2) or more modular units transported to the home site, put on a foundation, and joined to make a single dwelling that would have a minimum of (1400) one thousand four hundred square feet of floor or ceiling space.

Dwelling, Manufactured Home Single. A modular unit built on a chassis, with body width of at least fourteen (14) feet or body length exceeding of at least seventy (70) feet designed to be used as a home with or without a permanent foundation, when connected to the required utilities

Dwelling, Manufactured Home Double, or Triple Wide. A mobile home consisting respectively of two (2) or three (3) sections when connected will have a minimum of (1400) one thousand four hundred square feet of floor or ceiling area (designed during manufacture) to be combined horizontally at the site to form a single home while still retaining their individual chassis for possible future movement

Dwelling, Expandable Manufactured Home. A mobile home with one or more room sections that fold, collapse, or telescope into the principal unit when being transported and which can be expanded at the site to provide additional living area.

Dwelling, Rooming House (Boarding House, Lodging House, Dormitory). A dwelling or part thereof, other than a hotel, motel or restaurant where meals and/or lodging are provided for compensation, for three or more unrelated persons where no cooking or dining facilities are provided in the individual rooms

Essential Services. The erection, construction, alteration, or maintenance by public utilities or municipal or other governmental agencies, of underground gas, electrical, water transmission, or distribution systems, collection, communication, supply or disposal systems or sites, including poles, wires, mains, drains, sewers, pipes, traffic signals, hydrants, or other similar equipment and accessories in connection therewith which are reasonably necessary for the furnishing of adequate service by such public utilities or municipal or other governmental agencies or for the public health or safety or general welfare, but not including buildings

Family. One or more related persons occupying a single dwelling unit

Financial Assurance. Reasonable assurance from a credit worthy party, examples of which include a surety bond, trust instrument, cash escrow, or irrevocable letter of credit.

Flood Plain. That land, including the flood fringe and the floodway subject to inundation by the regional flood.

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Flood, Regional. Large floods which have previously occurred or which may be expected to occur on a particular stream because of like physical characteristics. The regional flood generally has an average frequency of the one hundred (100) year recurrence interval flood

Floodway. That portion of the flood plain including the channel, which is reasonably required to convey the regional flood waters. Floods of less frequent recurrence are usually contained completely within the floodway.

Floodway Fringe. That portion of the flood plain, excluding the floodway, where development may be allowed under certain restrictions.

Floor Area of a Residential Building. The sum of the gross horizontal area of the several floors of a residential building excluding basement floor areas, garages, porches, attics, crawl spaces, breezeways carports and attachments. All dimensions shall be measured between interior faces of walls.

Floor Area, Livable. The livable floor area is the square feet of the existing or proposed buildings or structures or additions thereto shall be computed by multiplying the outside horizontal dimensions with each floor of the livable area. Garages, porches, attics, crawl spaces, breezeways carports and attachments shall not be considered in computing the total livable area.

Floor Area of a Non-Residential Building (To be used in calculating parking requirements). The floor area of the specified use excluding stairs, washrooms, elevator shafts, maintenance shafts, and rooms.

Floor Area, Usable. Measurement of usable floor area shall be the sum of the horizontal areas of the several floors of the building, measured from the interior faces of the exterior walls.

Food Processing. The preparation, storage, or processing of food products. Examples of these activities include bakeries, dairies, canneries, meat processing plants and similar activities.

Forestry. The propagation and harvesting of forest trees.

Freight Container. A standardized reusable shipping vessel of a permanent character, accordingly strong enough for repeated use used in the transportation of freight and capable of being mounted and moved on a rail car, mounted on a chassis or bogie for movement by truck trailer, and/or loaded on a ship Note This term does not include semitrailers, van boxes rail cars, or other similarly constructed vessels originally intended to be affixed with wheels and axles.

Gasoline Service Station. Buildings and premises where gasoline, oil, grease batteries, tires, and automobile accessories may be supplied and dispensed at retail.

Hazardous Wastes. Means those substances which, single or in combination, pose a significant present or potential threat or hazard to human health or to the environment, and which single or in combination require special handling, processing, or disposal, because they are or may be flammable, explosive reactive, corrosive, toxic, infectious, carcinogenic, bioconcentrative, or persistent in nature, potentially lethal, or an irritant or strong sensitizer.

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Heavy Manufacturing. Large manufacturing or assembling operations that could create extensive nuisance issues for neighboring properties including noise, dust, and high traffic volumes.

Home Occupation. An occupation conducted in a dwelling unit, provided that: No more than one person other than members of the family residing on the premises shall be engaged in such occupation. The use of the dwelling unit for the home occupation shall be clearly incidental and subordinate to its use for residential purposes by its occupants, and not more than thirty-five (35) percent of floor area of the dwelling unit shall be used in the conduct of the home occupation. There shall be no change in the outside appearance of the building or premises, or other visible evidence of the conduct of such home occupation other than one sign, not exceeding four square feet in area, non-illuminated and mounted flat against the wall of the principal building. No traffic shall be generated by such occupation in greater volume than would normally be expected in such a residential area and any need for parking generated by the conduct of such home occupation shall meet the off-street parking requirements as specified in this Resolution.

Junk. "Junk" means old scrap copper, brass, rope, rags, trash, waste, batteries, paper, rubber, junked, dismantled, or wrecked automobiles or parts thereof, iron, steel, and other old or scrap ferrous or nonferrous materials.

Junk Storage and Sales. The outdoor accumulation, collection, and/or storage of junk (as defined herein and Section 1080), which is in public view from any highway, road, thoroughfare, or adjoining residential structure, shall be prohibited in all zoning districts unless the provisions of the following are met: Junk storage and/or sales of junk shall be screened on all sides by means of walls, fences, or plantings of at least 80% opacity. Walls or fences shall be a minimum of eight (8) feet in height with no advertising thereon. In lieu of such wall or fence, a strip of land not less than fifteen (15) feet in width, planted and maintained with an evergreen hedge or dense planting of evergreen shrubs not less than six (6) feet in height may be substituted. Storage of materials shall not exceed the height of the screening. Storage of junk shall not be located in any front or side yard.

Junk Yard. "Junk Yard" means an establishment or place of business which is maintained or operated for the purpose of storing, keeping, buying, or selling junk, or for the maintenance or operation of an automobile graveyard. It shall also include scrap metal processing facilities which are located within one thousand feet of the nearest edge of the right-of-way of a highway or street, and any site, location, or premise on which are kept two or more junk motor vehicles, whether or not for a commercial purpose.

Kennel. Any lot or premise on which dogs, cats or other household pets are boarded, bred or exchanged for monetary compensation.

Light Manufacturing. Generally considered small, unobtrusive manufacturing operations that do not produce high volumes of truck traffic or nuisances to neighboring properties. Examples could include a small machine shop that ships via UPS or seldom via semi, few employees, and does not create excessive noise or fumes.

Loading, Space, Off-Street. Space logically and conveniently located for bulk pickups and deliveries, scaled to delivery vehicles expected to be used, and accessible to such vehicles when required off-street parking spaces are filled. Required off-street loading space is not to be included as off-street parking space in computation of required off-street parking space. All off-

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street loading spaces shall be located totally outside of any street or alley right-of-way.

Lot. For the purposes of this Resolution a lot is a parcel of land of sufficient size to meet minimum zoning requirements for use, coverage, and area for one principal building together with its accessory building and which provides such yards and other open spaces as are herein required. Such lot shall have frontage of an improved public street, or on an approved private street, and may consist of:

1. A single lot of record;
2. A portion of a lot of record;
3. A combination of complete lots of record, of complete lots of record and portions of lots of record, or of portions of lots of record.

Lot Coverage. The ratio of enclosed ground floor area of all buildings on a lot to the horizontally projected area of the lot, expressed as a percentage.

Lot Frontage. The front of a lot shall be construed to be the portion at the street or road right-of-way line. For the purpose of determining yard requirements on corner lots and through lots, all sides of a lot adjacent to street or road right-of-way lines shall be considered frontage, and yards shall be provided as indicated under "Yard" in this section. Also see Lot Measurements, Width.

Lot, Minimum Area of. The area of a lot is computed exclusive of any portion of the right-of-way of any public or private street.

Lot Measurements. A lot shall be measured as follows:

1. Depth. The distance between the mid-points of straight lines connecting the foremost points of the side lot lines in front and rearmost points of the side lot lines in the rear.
2. Width. The distance between straight lines connecting front and rear lot lines at each side of the lot, measured at the street or road right-of-way line, except cul-de-sac streets (roads) where it is measured at the setback line. Also see Lot Frontage.

Lot of Record. A lot which is part of a subdivision recorded in the office of the County Recorder, or a lot or parcel described by metes and bounds, the description of which has been so recorded.

Lot Types. Terminology used in this Resolution which reference to corner lots, interior lots and through lots is a follows:

1. Corner Lot. A lot located at the intersection of two or more streets. A lot abutting on a curved street or streets shall be considered a corner lot if straight lines drawn from the foremost points of the side lot lines to the foremost point of the lot meet at an interior angle of less that one hundred thirty-five (135) degrees.
2. Interior Lot. A lot with only one frontage on a street.
3. Through Lot. A lot other than a corner lot with frontage on more than one street. Through lots abutting two streets may be referred to as double frontage lots.
4. Reversed Frontage Lot. A lot on which frontage is at right angles to the general pattern in the area. A reversed frontage lot may also be a corner lot.

Manufacturing, Heavy. Manufacturing, processing, assembling, storing, testing and similar industrial uses which are generally major operations and extensive in character; require large sites, open storage and service areas, extensive services and facilities; ready access to regional

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transportation; and normally generate some nuisances such as smoke, noise, dust glare, air pollution, odor, but not beyond the district boundary to any large extent

Manufacturing, Light. manufacturing or other industrial uses which are usually controlled operations, relatively clean, quiet and free of objectionable or hazardous elements such as smoke, noise, odor or dust, operating and storing within enclosed structures and generating little industrial traffic and no major nuisances.

Minimum Floor Area/Living Area. Finished living areas exclusive of basements, porches, attics, crawl spaces, breezeways attachments, carports and garages.

Mining, Commercial Quarries, Sand and Gravel Pits. Any mining, quarrying or processing of limestone, clay, sand and gravel or other mineral resources. Also referred to as mineral extraction

Mobile Home. A building unit or assembly of closed construction that is fabricated in an off-site facility, that is more than thirty-five (35) body feet in length or, when erected on site, is three hundred twenty (320) or more square feet, that is built on a permanent chassis and transportable in one or more sections, and that does not qualify as a manufactured home or as an industrialized unit.

Manufactured or Mobile Home Park. Means any tract of land upon which three (3) or more manufactured or mobile homes used for habitation are located, either free of charge or for revenue purposes, and includes any roadway, building, structure, vehicle, or enclosure used or intended for use as part of the facilities of the park. A tract of land that is subdivided and on which the individual lots are not for rent or rented, but are for sale or sold for the purpose of locating manufactured or mobile homes is not a manufactured home park unless three (3) or more manufactured or mobile homes used for habitation are located upon any one (1) individual lot. "Manufactured Home park" does not include any tract of land used solely for the storage or display for sale of manufactured or mobile homes or solely as a temporary park-camp.

Motor Vehicle. Any self-propelled vehicle that is commonly licensed to travel on the highway. This would include but is not limited to such motor vehicles as: cars, trucks, sport utility vehicles, recreational vehicles, buses and motorcycles, but not vehicles such as bicycles that are propelled by muscular action.

Non-Commercial Recreation. Generally, recreation activities that are operated on a non-profit basis. They may be either publically or privately owned. Some examples might include ballfields, disc golf courses, horseshoe pits, parks, etc.

Non-Conformities. A building, structure or use of land existing at the time of enactment of this Resolution and which does not conform to the regulations of the district or zone in which it is situated

Nuisance. A building or property that is structurally unsafe, unsanitary or not provided with adequate safe egress; that constitutes a fire hazard, is otherwise dangerous to human life, or is otherwise no longer fit and habitable, or that in relation to its existing use, constitutes a hazard to the public health, welfare or safety by reason of inadequate maintenance, dilapidation, obsolescence or abandonment. A nuisance could constitute an offensive activity on a property that reduces the property value of neighboring properties or results in a lessening of normal use

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and enjoyment to neighboring properties. Examples include noise, odors, rubbish, refuse debris, junk, automobile storage, rodents and/or insects or mosquitoes.

Nursery, Nursing Home. A home or facility for the care and treatment of babies, children pensioners or elderly people.

Nursery, Tree and Plant. A place where young trees or other plants are raised for transplanting and/or for sale.

Offices. Quasi-commercial uses which may often be transitional between retail business and/or manufacturing and residential uses. Office business generally accommodates such occupations as administrative, executive, professional, service related, accounting, clerical, drafting, etc. Institutional offices of a charitable, philanthropic, financial or religious or educational nature are also included in this classification.

Open Space. An area substantially open to the sky which may be on the same lot with a building. The area may include, along with the natural environmental features, water areas, swimming pools and tennis courts, and other recreational facilities that the zoning commission deems permissive. Streets, parking areas, structures for habitation, and the like shall not be included.

Orchards. An area of land devoted to the cultivation and sale of fruit trees and the sale of the fruit there from.

Parking Space, Off-Street. For the purpose of this Resolution an off-street parking space shall consist of an area adequate for parking an automobile with room for opening doors on both sides, together with properly related access to a public street or alley and maneuvering room, but shall be located totally outside of any street or alley right-of-way.

Personal Services. Any enterprise conducted for gain which primarily offers services to the general public such as shoe repair, watch repair, barber shops, florists, beauty parlors and similar activities.

Personal Storage Facilities. A building or group of buildings in a controlled access compound that contains equal or varying sizes of individual compartmentalized, and controlled access stalls or lockers for the storage of customers, property, goods or wares.

Primary Structure. For each property, the structure that one or more persons occupy the majority of time on that property for either business or personal reasons. Primary structures include structures such as residences, commercial buildings, hospitals, and day care facilities. Primary structures exclude structures such as hunting sheds, storage sheds, pool houses, unattached garages, and barns.

Printing and Publishing. Any business which is engaged in the printing and/or publishing of newspapers, magazines, brochures, business cards and similar activities either for profit or non-profit.

Professional Engineer. A qualified individual who is licensed as a Professional Engineer in the State of Ohio.

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Public Service Facility. The erection, construction, alteration, operation, or maintenance of buildings, power plants, or substations, water treatment plants or pumping station, sewage disposal or pumping plants and other similar public service structures by a public utility, by a railroad, whether publicly or privately owned or by a governmental agency, including the furnishing of electrical, gas, rail transport, communication, public or private water and sewage service.

Public Uses. Public parks, schools, administrative and cultural buildings and structures, not including public land or buildings devoted solely to the storage and maintenance of equipment and materials and public service facilities.

Public Way. An alley, bridge, channel, ditch, easement, expressway, freeway, highway, land, road, sidewalk, street walk, bicycle path, or other ways in which the general public or a public entity have a right or which are dedicated, whether improved or not.

Quasi-Public Use. Churches, and other facilities of an educational, religious, charitable, philanthropic or non-profit nature.

Recreational Vehicle. A vehicle type unit primarily designed as temporary (not more than 30 days) living quarters for recreational, camping, or travel use only, which either has its own motive power or is mounted on or drawn by another vehicle. The basic entities are: travel trailer, camping trailer, truck camper, and motor home. A recreational vehicle shall not be used as a residential dwelling and must have a current license.

Recreational Vehicle Park. A parcel of land upon which two or more recreational vehicle sites are located, established, or maintained for occupancy by recreational vehicles of the general public as temporary living quarters for recreation or vacation purposes.

Recreational Vehicle Site. A plot of ground within a recreational vehicle park intended for the accommodation of either a recreational vehicle, tent or other individual camping unit on a temporary basis.

Refuse. Refuse shall mean combustible and incombustible waste materials, except garbage, rubber, leather, tree branches, tin cans, metals, mineral matter, and dust.

Restaurant/Eating & Drinking Establishments. Generally defined, a business is the sale of food or beverages at retail, for consumption on the premises.

Right-of-Way. A strip of land taken or dedicated for use as a public way. In addition to the roadway, it normally incorporates the curbs, lawn strips, sidewalks, lighting, and drainage facilities, and may include special features required by the topography or treatment (such as grade separation, landscaped areas, viaducts, and bridges).

Rubbish. Combustible and noncombustible waste materials, except garbage; the term shall include the residue from the burning of wood, coal, coke and other combustible materials, paper, rags, cartons, boxes, wood, excelsior, rubber, leather, tree branches, yard trimmings, tin cans, metals, mineral matter, glass, crockery and dust and other similar materials.

Salvage Motor Vehicle. Any motor vehicle that is in a wrecked, dismantled, or worn out condition, or unfit for operation as a motor vehicle.

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Sanitary Landfill. A land disposal site employing a method of disposing of solid wastes on land in a manner intended to minimize environmental hazards by spreading the solid wastes in thin layers, compacting the solid wastes to the smallest practical volume, and applying and compacting cover material daily.

Seat. For purposes of determining the number of off-street parking spaces for certain uses, the number of seats is the number of seating units installed or indicated, or each twenty-four (24) lineal inches of benches, pews, or space for loose chairs.

Semitrailer. A vehicle designed or used for carrying persons or property with another and separate motor vehicle, so that in operation, a part of its own weight or that of its load, or both, rests upon and is carried by another vehicle.

Service Business. Any profit making venture, which offers primarily, services to the public. Some retail sales may be involved. The best examples would be various types of repair shops.

Service Station. Any buildings, structure, or land used for the dispensing and sale at retail of any automobile fuels, oils, or accessories, including lubrication of automobiles and replacement or installation of minor parts and accessories but not including major repair work.

Setback Line. A line established by the Zoning Resolution generally parallel with and measured from the lot line, defining the limits of a yard in which no building, other than accessory building or structure may be located above ground, except as may be provided in said Code. The Setback Line is to be determined exclusive of all right-of-ways.

Setback Line, Front. Determined from the edge of the road right-of-way.

Sewers, Central or Group. An approved sewage disposal system which provides a collection network and disposal system and central sewage treatment facility for a single development, community, or region.

Sewers, On-Site. A septic tank or similar installation on an individual lot which utilizes an aerobic bacteriological process or equally satisfactory process for the elimination of sewage and provides for the proper and safe disposal of the effluent, subject to the approval of health and sanitation officials having jurisdiction.

Shopping Type Retail. A retail business that offers goods for sale to the public. (Includes Craft & Hobby type retail)

Sidewalk. That portion of the road right-of-way outside the roadway, which is improved for the use of pedestrian traffic.

Sign. Any device designated to inform or attract the attention of persons not on the premises on which the sign is located.

1. Sign, On-Premises. Any sign related to a business or profession conducted, or a commodity or service sold or offered upon the premises where such sign is located.
2. Sign, Off-Premises. Any sign unrelated to a business or profession conducted or to a commodity or service sold or offered upon the premises where such sign is located.
3. Sign, Illuminated. Any sign illuminated by electricity, gas, or other artificial light including

reflecting or phosphorescent light.

4. Sign, Lighting Device. Any light, string of lights, or group of lights located or arranged so as to cast illumination on a sign.
5. Sign, Ground. Means a display sign supported by uprights or braces in or upon the ground surface.
6. Sign, Marquee. Means a display sign attached to or hung from a marquee, canopy or other covered structure projecting from and supported by the building and extending beyond the building wall, building line or street lot line.
7. Sign, Pole. Means any sign which is erected on a pole or poles, which is wholly or partially independent of any building for support.
8. Sign, Projecting. Means a display sign which is attached directly to the building wall and which extends more than fifteen inches from the face of the wall.
9. Sign, Roof. Means a display sign which is erected, constructed and maintained above the roof of the building.
10. Sign, Temporary. Means a display sign, banner or other advertising device constructed of cloth, canvas, fabric or other light temporary material, with or without a structural frame, intended for a limited period of display, including decorative displays for holidays or public demonstrations.
11. Sign, Wall. Means a display sign which is painted on or attached directly to the building wall and which extends not more than fifteen inches from the face of the wall.

Solar energy related definitions:

a) Accessory Solar Energy. A solar collection system consisting of one or more roof/building mounted, ground/pole mounted, and/or other structure mounted solar collector devices and solar related equipment, and is intended to primarily reduce on-site consumption of utility power. A system is considered an accessory solar energy system only if it: supplies electrical or thermal power solely for on-site use, except that when a property upon which the system is installed also receives electrical power supplied by a utility company, excess electrical power generated and not presently needed for on-site use may be used by the utility company.

b) Principal Solar Energy Production Facility: An area of land or other area used for a solar collection system principally used to capture solar energy and convert it to electrical energy. These production facilities primarily produce electricity to be used off-site. Principal solar energy production facilities consist of one or more roof/building mounted, ground/pole mounted, and/or other structure mounted solar collector devices, solar related equipment, and other accessory structures and buildings including light reflectors, concentrators, and heat exchangers, substations, electrical infrastructure, transmission lines and other appurtenant structures and facilities. Examples include "Small Solar Facility" and "Community Solar Facility" as defined by statute or herein.

c) Solar Energy Equipment: Items for the purpose of generation, transmission, and storage of electricity, including but not limited to a solar photovoltaic cell, solar panels, lines, pumps, inverter(s), batteries, mounting brackets, racking, framing and/or foundation used for or intended to be used for the collection of solar energy.

d) Solar Photovoltaic (PV). The technology that uses a semiconductor to convert light directly into electricity.

e) Clear Fall Zone (Solar Energy): An area surrounding a ground/pole mounted or other structure mounted solar energy system into which the system and/or components might fall due to inclement weather, poor maintenance, faulty construction methods, or any other condition causing the structure's failure that shall remain unobstructed and confined within the property lines of the lot where the system is located. The purpose of

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the zone being that if the system should fall or otherwise become damaged, the falling structure will be confined to the lot and will not intrude onto a neighboring property.

f) Small Solar Facility: Pursuant to ORC 519.213 (A) (2). "Small Solar Facility" means solar panels and associated facilities with a single interconnection to the electrical grid and designed for, or capable of, operation at an aggregate capacity of less than 50 MW

g) Community Solar: Also known as shared solar, or solar gardens, is an energy model that allows customers to buy or lease part of a larger off-site shared solar photovoltaic (PV) system. For the purposes of this Resolution, "Community Solar" is considered to be a "Principal Solar Energy Production Facility".

Story. That part of a building between the surface of a floor and the ceiling immediately above.

Structure. Anything constructed or erected, the use of which requires location on the ground, or attachment to something having a fixed location on the ground. Among other things, structures includes buildings, mobile homes, walls and billboards.

Supply Yards. A commercial establishment storing and offering for sale building supplies, steel supplies, coal, heavy equipment, feed and grain, and similar goods.

Swimming Pool. A pool, pond, lake, or open tank containing at least 1.5 feet of water at any point and maintained by the owner or manager. Farm ponds are exempt from this definition.

1. Private. Exclusively used without paying an additional charge for admission by the residents and guests of a single household, a multifamily development, or a community, the members and guests of a club, or the patrons of a motel or hotel; and accessory use.
2. Community. Operated with a charge for admission; a primary use.

Toxic or Hazardous Material. Means any substance or mixture by physical characteristic such as flammability, corrositivity, toxicity, reactivity, or infectious characteristics as to pose a significant or potential hazard to water supplies or human health if such substances were discharged to land or waters of the community or township.

Transient Lodgings. A building in which lodging or boarding and lodging are provided and offered to the public for compensation. As such it is open to the public in contradistinction to a boarding house, rooming house, lodging house or dormitory which is herein separately defined. Examples include: hotel, motel and apartment hotel.

Transport Terminals. Any business, structure or premise which primarily receives or distributes goods.

Through Lot. See Lot Types.

Transportation, Director of. The Director of the Ohio Department of Transportation.

Use. The specific purposes for which land or a building is designated, arranged, intended, or for which it is or may be occupied or maintained.

Variance. A variance is a modification of the strict terms of the relevant regulations where such modification will not be contrary to the public interest and where owing to conditions peculiar to the property and not the result of the action of the applicant, a literal enforcement of the regulations would result in unnecessary and undue hardship.

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Veterinary Animal Hospital or Clinic. A place used for the care, grooming, diagnosis, and treatment of sick, ailing, infirm, or injured animals, and those who are in need of medical or surgical attention, and may include overnight accommodations on the premises for the treatment, observation and/or recuperation. It may also include boarding that is incidental to the primary activity.

Vicinity Map. A drawing located on the plat which sets forth by dimensions or other means, the relationship of the proposed subdivision or use to other nearby developments or landmarks and community facilities and services within the general area in order to better locate and orient the area in question.

Walkway. A public way, four (4) feet or more in width, for pedestrian use only, whether along the side of a road or not.

Wholesale and Warehousing. Business establishments that generally store and sell commodities in large quantities or by the piece to retailers, jobbers, other wholesale establishments, or manufacturing establishments. These commodities are basically for further resale, for use in the fabrication of a product, or for use by a business service.

Wind Power Generating Facility (WPGF). All necessary devices that together convert wind energy into electricity, including the rotor, nacelle generator, Wind Power Generating Facility (WPGF) tower, electrical components, WPGF foundation, transformer, substation, and electrical cabling from the WPGF tower to the substation.

Wind Power Generating Facility (WPGF) Applicant. The entity or person who submits to the Township Zoning Inspector an application for the siting of any Wind Power Generating Facility.

Wind Power Generating Facility (WPGF) Contract. The agreement between the WPGF Applicant and the landowner(s).

Wind Power Generating Facility (WPGF) Operator. The entity responsible for the day-to-day operation and maintenance of the Wind Power Generator Facility (WPGF), including any third party subcontractors.

Wind Power Generating Facility (WPGF) Owner. The entity or entities with an equity interest in the Wind Power Generating Facility (WPGF) including their respective successors and assigns. Owner does not mean the property owner from whom land is leased for locating the WPGF (unless the property owner has an equity interest in the WPGF) or if any person holding a security interest in the WPGF solely to secure an extension of credit, or a person foreclosing on such security interest provided that after foreclosure, such person seeks to sell the WPGF at the earliest practicable date.

Wind Power Generating Facility's (WPGF's) Project. The collection of Wind Power Generating Facilities (WPGF) and substation(s) as specified in the site approval application pursuant to Section 1037 of this Township Zoning Resolution.

Wind Power Generating Facility (WPGF) Substation. This apparatus connects the electrical collection system of the Wind Power Generating Facility (WPGF) and allows electricity to flow into the grid along the transmission lines.

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Wind Power Generating Facility (WPGF) Tower. The support structure to which the nacelle and rotor are attached.

Wind Power Generating Facility (WPGF) Tower Height. The distance from the rotor blade at its highest point to the top surface of the Wind Power Generating Facility (WPGF) foundation.

Yard. A required open space other than a court unoccupied and unobstructed by any structure or portion of a structure from three (3) feet above the general ground level of the graded lot upward; provided accessories, ornaments, and furniture may be permitted in any yard, subject to height limitations and requirements limiting obstruction of visibility.

1. Yard, Front. A yard extending between side lot lines across the front of a lot and from the front lot line to the front of the principal building.
2. Yard, Rear. A yard extending between side lot lines across the rear of a lot and from the rear lot line to the rear of the principal building.
3. Yard, Side. A yard extending from the principal building to the side lot line on both sides of the principal building between the lines establishing the front and rear yards.

Zoning Certificate. A document issued by the Zoning Inspector authorizing the occupancy or use of a building or structure or the actual use of lots or land in accordance with the previously issued Zoning Permit.

Zoning Permit. A document issued by the Zoning Inspector authorizing the use of lots, structures, uses of land and structures, and the characteristics of the uses.

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ARTICLE III ENFORCEMENT

Section 300 Zoning Permits Required. No building or other structure, shall be erected moved, added to, structurally altered, nor shall any building, structure or land be established or changed in use without a permit therefore, issued by the Zoning Inspector. Zoning permits shall be issued only in conformity with the provisions of this Resolution unless the Zoning Inspector receives a written order from the Board of Zoning Appeals deciding on appeal, conditional use, or variance as provided by this Resolution.

Section 301 Contents of Application for Zoning Permit. The application for zoning permit shall be signed by the owner or applicant attesting to the truth and exactness of all information supplied on the application. Each application shall clearly state that the permit shall expire and may be revoked if work has not begun within six months or substantially completed within one and one-half (1 1/2) years. At a minimum, the application shall contain the following information:

1. Name, address, and phone number of applicant;
2. Legal description of property including a copy of the deed.
3. Existing use;
4. Proposed use;
5. Zoning district;
6. Plans in duplicate drawn to scale, showing the actual dimensions and the shape of the lot to be built upon, the exact size and location of existing buildings on the lot, if any, and the location and dimensions of the proposed building(s) or alteration.
7. Building heights;
8. Number of off-street parking spaces or loading berths;
9. Number of dwelling units;
10. Such other matters as may be necessary to determine conformance with, and provide for the enforcement of this Resolution.

Section 302 Approval of Zoning Permit. Within thirty (30) days after the receipt of an application, the Zoning Inspector shall either approve or disapprove the application in conformance with the provisions of this Resolution. All zoning permits shall, however, be conditional upon the commencement of work within six months. One copy of the plans shall be returned to the applicant by the Zoning Inspector, after the Zoning Inspector shall have marked, such copy either as approved or disapproved and attested to same by his signature on such copy. One copy of plans, similarly marked, shall be retained by the Zoning Inspector. The zoning Inspector shall issue a placard, to be posted in a conspicuous place on the property in question, attesting to the fact that the use or alteration is in conformance with the provisions of this Resolution.

Section 303 Submission to Director of Transportation. Before any zoning permit is issued affecting any land within three-hundred (300) feet of the centerline of a proposed new highway or a highway for which changes are proposed as described in the certification to local officials by the Director of Transportation, or any land within a radius of five-hundred (500) feet from the point of intersection of said centerline with any public road or highway, the Zoning Inspector shall give notice, by registered mail to the Director of Transportation, that he shall not issue a zoning permit for one-hundred twenty (120) days from the date the notice is received by the Director of Transportation. If the Director of Transportation notifies the Zoning Inspector that he shall proceed to acquire the land needed, then the Zoning Inspector shall refuse to issue the

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zoning permit. If the Director of Transportation notifies the Zoning Inspector that acquisition at this time is not in the public interest or upon the expiration of the one-hundred twenty (120) day period or any extension thereof agreed upon by the Director of Transportation and the property owner, the Zoning Inspector shall, if the application is in conformance with all provisions of this Resolution issue the zoning permit.

Section 304 Expiration of Zoning Permit. If the work described in any zoning permit has not begun within six months from the date of issuance thereof, said permit shall expire, it shall be revoked by the Zoning Inspector; and written notice thereof shall be given to the persons affected. If the work described in any zoning permit has not been substantially completed within one and one-half (1 1/2) years of the date of issuance thereof, said permit shall expire and be revoked by the Zoning Inspector, and written notice thereof shall be given to the persons affected, together with notice that further work as described in the cancelled permit shall not proceed unless and until a new zoning permit has been obtained or extension granted. Extensions, if granted, shall be in six months increments, not to exceed one and one-half (1 1/2) years.

Section 310 Certificate of Occupancy. It shall be unlawful to use or occupy or permit the use of occupancy of any building or premises, or both, or part thereof hereafter created, erected, changed, converted, or wholly or partly altered or enlarged in its use or structure until a certificate of occupancy shall have been issued therefore by the Zoning Inspector stating that the proposed use of the building or land conforms to the requirements of this Resolution.

Section 311 Temporary Certificate of Occupancy. A temporary certificate of occupancy may be issued by the Zoning Inspector for a period not exceeding six (6) months during alterations or partial occupancy of a building pending its completion.

Section 312 Record of Zoning Permits and Certificates of Occupancy. The Zoning Inspector shall maintain a record of all zoning permits and certificates of occupancy and copies shall be furnished upon request to any person.

Section 320 Failure to Obtain a Zoning Permit or Certificate of Occupancy. Failure to obtain a zoning permit or certificate of occupancy shall be a violation of this Resolution and punishable under Section 350 of the Resolution.

Section 330 Construction and Use to be as Provided in Applications, Plans, Permits, and Certificates. Zoning permits or certificates of occupancy issued on the basis of plans and applications approved by the Zoning Inspector authorize only the use and arrangement, set forth in such approved plans and applications or amendments thereto, and no other use, arrangement, or construction. Use, arrangement, or construction contrary to that authorized shall be deemed a violation of this Resolution and punishable as provided in Section 350 of this Resolution.

Section 340 Complaints Regarding Violations. Whenever a violation of this Resolution occurs, or is alleged to have occurred, any person may file a written complaint. Such complaint stating fully the causes and basis thereof shall be filed with the Zoning Inspector. The Zoning Inspector shall record properly such complaint, immediately investigate and take action thereon as provided by this Resolution.

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Section 350 Penalties for Violation. Violations of the provisions of this Resolution or failure to comply with any of its requirements, including violations of conditions and safeguards established in various sections of the Resolution shall constitute a minor misdemeanor. Any person who violates this Resolution or fails to comply with any of its requirements shall upon conviction thereof be fined not more than one-hundred ($100) dollars and in addition shall pay all costs and expenses involved in the case. Such sum may be recovered in a court of jurisdiction in Champaign County by the legal representative of the township, in the name of the Township and for the use thereof. Each day such violation continues after receipt of a violation notice, shall be considered a separate offense. The owner or tenant of any building structure, premises, or part thereof, and any architect, builder, contractor, agent, or other person who commits, participates in, assists in, or maintains such violation may each be found guilty of a separate offense and suffer the penalties herein provided. Nothing herein contained shall prevent the Board of Township Trustees from taking such other lawful action as is necessary to prevent or remedy any violation.

Section 360 Schedule of Fees, Charges, and Expenses. The Board of Township Trustees shall by Resolution establish a schedule of fees, charges, and expenses and a collection procedure for zoning permits, amendments, appeals, variances, conditional use permits, plan approvals, and other matters pertaining to the administration and enforcement of this Resolution requiring investigations, inspections, legal advertising, postage, and other expenses. The schedule of fees shall be posted in the office of the Zoning Inspector, and may be altered or amended only by the Township Trustees. Until all applicable fees, charges, and expenses have been paid in full, no action shall be taken on any application or appeal.

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ARTICLE IV NON-CONFORMITIES

Section 400 Intent. Within the districts established by this resolution or future amendments that may later be adopted there exists lots, uses of land, structures, and uses of structures and land in combination which were lawful before this Resolution was passed or amended, but which would be prohibited, regulated, or restricted under the terms of this Resolution or future amendments. It is the intent of this Resolution to permit these non-conformities to continue until they are removed or discontinued. It is further the intent of this Resolution that non-conformities shall not be enlarged upon, expanded or extended, nor be used as grounds for adding other structures or uses prohibited elsewhere in the same district.

Section 410 Incompatibility of Non-Conformities. Non-conformities are declared by this Resolution to be incompatible with permitted uses in the districts in which such use is located. A non-conforming use of land, or a non-conforming use of a structure and land in combination shall not be extended or enlarged after passage of this Resolution by attachment on a building or premises of additional signs intended to be seen from off the premises, or by the addition of other uses of a nature which would be generally prohibited in the district in which such use is located.

Section 420 Avoidance of Undue Hardship. To avoid undue hardship nothing in this Resolution shall be deemed to require a change in the plans, construction, or designated use of any buildings on which actual construction was lawfully begun prior to the effective date of adoption or amendment of this Resolution and upon which actual building construction has been carried on diligently. Actual construction is hereby defined to include the placing of construction materials in permanent position and fastened in a permanent manner. Where demolition or removal of an existing building has been substantially begun preparatory to rebuilding, such demolition or removal shall be deemed to be actual construction, provided that the work shall be carried out diligently.

Section 430 Single Non-Conforming Lots of Record. In any district in which single-family dwellings are permitted, a single-family dwelling and customary accessory buildings may be erected on any single lot of record at effective date of adoption or amendment of this Resolution notwithstanding limitations imposed by other provision of this Resolution. Such lot must be in separate ownership and not of continuous frontage with other lots in the same ownership. This provision shall apply even though such lot fails to meet the requirements for area or width, or both, that are generally applicable in the district, provided that yard dimensions and requirements other than those applying to area or width, or both, of the lot shall conform to the regulations for the district in which such lot is located. Variances of requirements listed in Article 9 and 10 of this Resolution other than lot area or lot width shall be obtained only through action of the Board of Zoning Appeals as provided in Section 540 through 549.

Section 431 Non-Conforming Lots of Record in Combination. If two or more lots or a combination of lots and portions of lots with continuous frontage in single ownership are of record at the time of passage or amendment of this Resolution and if all or part of the lots with no buildings do not meet the requirements established for lot width and area, the lands involved shall be considered to be an undivided parcel for the purposes of this Resolution and no portion of said parcel shall be used or sold in a manner which diminishes compliance with lot width and area requirements established by this Resolution, nor shall any division of any parcel be made which creates a lot with a width or area below the requirements stated in this Resolution.

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Section 440 Non-Conforming Uses of Land. Where, at the time of adoption of this Resolution lawful uses of land exist which would not be permitted by the regulations imposed by this Resolution, the uses may be continued so long as they remain otherwise lawful, provided.

1. No such non-conforming uses shall be enlarged or increased, nor extended to occupy a greater area of land than was occupied at the effective date of adoption or amendment of this Resolution.
2. No such non-conforming uses shall be moved in whole or in part to any portion of the lot or parcel other than that occupied by such uses at the effective date of adoption or amendment of this Resolution.
3. If any such non-conforming uses of land are discontinued or abandoned for more than two (2) years (except when government action impedes access to the premises), any subsequent use of such land shall conform to the regulations specified by this Resolution for the district in which such land is located.
4. No additional structure not conforming to the requirements of this Resolution shall be erected in connection with such non-conforming use of land.

Section 450 Non-Conforming Structures. Where a lawful structure exists at the effective date of adoption or amendment of this Resolution that could not be built under the terms of this Resolution by reason of restrictions on area, lot coverage, height, yards, its location on the lot bulk, or other requirements concerning the structure, such structure may be continued so long as it remains otherwise lawful, subject to the following provisions

1. No such non-conforming structure may be enlarged or altered in a way which increases its non-conformity, but any structure or portion thereof may be altered to decrease its non-conformity;
2. Should such non-conforming structure or non-conforming portion of structure be destroyed by fire or an Act of God, it may after approval by the Board of Zoning Appeals, be reconstructed as it previously existed. All remaining debris shall be cleared away and disposed of properly within two months of the time of destruction.
3. Should such structure be moved for any reason for any distance whatever, it shall thereafter conform to the regulations for the district in which it is located after it is moved;
4. If any such non-conforming uses of structures are discontinued or abandoned for more than two (2) years (except when government action impedes access to the premises), any subsequent use of such land shall conform to the regulations specified by this Resolution for the district in which such land is located

Section 460 Non-Conforming Uses of Structures or of Structures and Land in Combination. If a Lawful use involving individual structures, or a structure and land in combination, exists at the effective date of adoption or amendment of this Resolution that would not be allowed in the district under the terms of this Resolution, the lawful use may be continued so long as it remains otherwise lawful, subject to the following provisions:

1. No existing structure devoted to a use not permitted by this Resolution in the district in which it is located shall be enlarged, extended, constructed, reconstructed, moved, or structurally altered except in changing the use of the structure to a use permitted in the district in which it is located;
2. Any non-conforming use may be extended throughout any parts of a building which were manifestly arranged or designed for such use at the time of adoption or amendment of this Resolution; but no such use shall be extended to occupy any land outside such

building.

3. If no structural alterations are made, any non-conforming use of a structure or structure and land, may, upon appeal to the Board of Zoning Appeals, be changed to another non-conforming use provided that the Board of Zoning Appeals shall find that the proposed use is equally appropriate or more appropriate to the district than the existing non-conforming use. In permitting such change, the Board of Zoning Appeals may require appropriate conditions and safeguards in accord with other provisions of this Resolution.
4. Any structure, or structure and land in combination, in or on which a non-conforming use is superseded by a permitted use, shall thereafter conform to the regulations for the district, and the non-conforming use may not thereafter be resumed.
5. When a non-conforming use of a structure, or structure and land in combination is discontinued or abandoned for more than two (2) years (except when government action impedes access to the premises), the structure or structure and land in combination, shall not thereafter be used except in conformity with the regulations of the district in which it is located.
6. Where non-conforming use status applies to a structure and land in combination, removal or destruction of the structure shall eliminate the non-conforming status of the land except as stated in Section 450 paragraph 2.

Section 470 Repairs and Maintenance On any non-conforming structure or portion of a structure containing a non-conforming use, work may be done on ordinary repairs, or on repair or replacement of non-bearing walls, fixtures, wiring, or plumbing, provided that the cubic content existing when it became non-conforming shall not be increased. Nothing in this section shall be deemed to prevent the strengthening or restoring to a safe condition of any building or part thereof declared to be unsafe by an official charged with protecting the public safety, upon order of such official.

Section 480 Uses Under Conditional Use Provisions Not Non-Conforming Uses. Any use which is permitted as a conditional use in a district under the terms of this Resolution shall not be deemed a non-conforming use in such district, but shall without further action be considered a conforming use.

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ARTICLE V ADMINISTRATION

Section 500 Office of Zoning Inspector Created. A Zoning Inspector designated by the Board of Township Trustees shall administer and enforce this Resolution. He may be provided with the assistance of such other persons as the Trustees may direct.

Section 501 Duties of Zoning Inspector. For the purpose of this Resolution, the Zoning Inspector shall have the following duties:

1. Upon finding that any of the provisions of this Resolution are being violated, he shall notify in writing the person responsible for such violation(s) ordering the action necessary to correct such violation;
2. Order discontinuance of illegal uses of land, buildings, or structures;
3. Order removal of illegal buildings or structures or illegal additions or structural alterations;
4. Order discontinuance of any illegal work being done;
5. Take any other action authorized by this Resolution to ensure compliance with or to prevent violation(s) of this Resolution. This may include the issuance of and action or zoning and certificate of occupancy permits and such similar administrative duties as are permissible under the law.
6. At the time of application for permit, the Zoning Inspector should advise the applicant considering a questionable lot to contact the Champaign County Engineer, the Champaign County Soil and Water District, the Champaign County Health Department and the Champaign County Building Regulations Department.
7. The Zoning Inspector is required to maintain a copy of all appropriate documents such as the current Goshen Township Zoning Resolution and the Ohio Revised Code as amended. The Inspector is further required to have a thorough working knowledge of these documents.

Section 510 Proceedings of Zoning Commission. The Commission shall adopt rules necessary to the conduct of its affairs in keeping with the provisions of this Resolution. Meetings shall be held at the call of the chairman and at such other times as the Commission may determine. All meetings shall be open to the public. The Commission shall keep minutes of its proceedings showing the vote of each member upon each question, or if absent or failing to vote, indicating such fact, and shall keep records of its examinations and other official actions all of which shall be public record and be immediately filed in the office of the Commission. A quorum of four (4) commissioners and the concurring vote of three (3) commissioners are necessary to pass any action.

Section 511 Duties of Zoning Commission. For the purpose of this Resolution the Commission shall have the following duties:

1. Initiate proposed amendments to this Resolution.
2. Review all proposed amendments to this Resolution.

Section 512 Appointment of Zoning Commission. The Zoning Commission shall consist of five (5) members appointed by the Township Trustees. The concurring vote of three (3) members shall be necessary when voting on an amendment to the Resolution. Members of the Commission may be removed from office by the Trustees upon their receiving written notice of such action.

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Section 520 Board of Zoning Appeals Created. A Board of Zoning Appeals is hereby created, which shall consist of five (5) members to be appointed by the Board of Township Trustees, each for a term of five (5) years, except that the initial appointments shall be one (1), two (2), three (3), four (4) and five (5) year terms. Each member shall be a resident of the township. Members of the Board may be removed from office by the Trustees upon receiving written notice of such action. Vacancies shall be filled by appointment by the Trustees for the unexpired term of the member affected.

Section 521 Proceedings of the Board of Zoning Appeals. The Board shall adopt rules necessary to the conduct of its affairs in keeping with the provisions of this Resolution. Meetings shall be held at the call of the chairman and at such other times as the Board may determine. The chairman or in his absence the acting chairman may administer oaths and compel the attendance of witnesses. All meetings shall be open to the public. The Board shall keep minutes of its proceedings, showing the vote of each member upon each question, or if absent or failing to vote, indicating such fact, and shall keep records of its examinations and other official actions, all of which shall be a public record and be immediately filed in the office of the Board or the office in the township building. A quorum of four (4) members of the Board and the concurring vote of three (3) members of the Board is necessary to pass any action.

Section 522 Duties of the Board of Zoning Appeals. In exercising its duties, the Board may, as long as such action is in conformity with the terms of this Resolution, reverse or affirm wholly or partly, or modify the order, requirement, decision, or determination appealed from and may make such order, requirement, decision, or determination as ought to be made, and to that end shall have the powers of the Zoning Inspector from whom the appeal is taken. The concurring vote of three (3) members of the Board shall be necessary to reverse any order, requirement, decision, or determination of the Zoning Inspector, or to decide in favor of the applicant on any matter upon which it is required to pass under this Resolution or to effect any variation in the application of this Resolution. For the purpose of this Resolution the Board has the following specific responsibilities:

1. To hear and decide appeals where it is alleged there is an error in any order requirement, decision, interpretation, or determination made by the Zoning Inspector.
2. To authorize such variances from the terms of this Resolution as will not be contrary to the public interest, where, owing to the special conditions, a literal enforcement of this Resolution will result in unnecessary hardship, and so that the spirit of this Resolution shall be observed and substantial justice done;
3. To grant conditional use permits as specified in the Official Schedule of District Regulations and under the conditions specified in Article 9 and such additional safeguards as will uphold the intent of this Resolution.

Section 530 Duties of Zoning Inspector, Board of Zoning Appeals, Legislative Authority, and Courts on Matters of Appeal. It is the intent of this Resolution that all questions of interpretation and enforcement shall be first presented to the Zoning Inspector, and that such questions shall be presented to the Board only on appeal from the decision of the Zoning Inspector and that recourse from the decisions of the Board shall be to the courts as provided by law. It is further the intent of this Resolution that the duties of the Township Trustees in connection with this Resolution shall not include hearing and deciding questions of interpretation and enforcement that may arise. The procedure for deciding such questions shall be as stated in this section and this Resolution. Under this Resolution the Township Trustees shall have only

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the duties of considering and adopting or rejecting proposed amendments or the repeal of this Resolution as provided by law; and of establishing a schedule of fees and charges as stated in Section 360 of this Resolution. Nothing in this Resolution shall be interpreted to prevent any official of the Township from appealing a decision of the Board to the courts as provided in the Ohio Revised Code. Any such appeal shall be made within ten (10) days of the Board's written decision.

Section 540 Procedure and Requirements for Appeals and Variances. Appeals and variances shall conform to the procedures and requirements of Sections 541-549 inclusive of this Resolution. As specified in Section 522 the Board of Zoning Appeals has appellate jurisdiction relative to appeals and variances.

Section 541 Appeals. Appeals to the Board of Zoning Appeals concerning interpretation or administration of this Resolution may be taken by any person aggrieved or by any officer of bureau of the legislative authority of the Township affected by any decision of the Zoning Inspector. Such appeal shall be taken within twenty (20) days after the decision by filing, with the Zoning Inspector and with the Board of Zoning Appeals, a notice of appeal specifying the grounds upon which the appeal is being taken. The Zoning Inspector shall transmit to the Board of Zoning Appeals all the papers constituting the record upon which the action appealed from was taken.

Section 542 Stay of Proceedings. An appeal stays all proceedings in furtherance of the action appealed from, unless the Zoning Inspector from whom the appeal is taken certified to the Board of Zoning Appeals after the notice of appeal is filed with him that by reason of facts stated in the application, a stay would in his opinion, cause imminent peril to life and property. In such case proceedings shall not be stayed other than by a restraining order which may be granted by the Board of Zoning Appeals or by a court of record on application, on notice to the Zoning Inspector from whom the appeal is taken on due cause shown.

Section 543 Variances. The Board of Zoning Appeals may authorize upon appeal in specific cases such variance from the terms of this Resolution as will not be contrary to the public interest where, owing to special conditions, a literal enforcement of the provisions of this Resolution would result in unnecessary hardship. No non-conforming use of neighboring lands, structures, or buildings in the same district and no permitted or non-conforming use of lands, structures, or buildings in other districts shall be considered grounds for issuance of a variance. Variances shall not be granted on the grounds of convenience or profit, but only where strict application of the provisions of this Resolution would result in unnecessary hardship.

Section 544 Application and Standards for Variances. A variance from the terms of this Resolution shall not be granted by the Board of Zoning Appeals unless and until a written application for a variance is submitted to the Zoning Inspector and the Board of Zoning Appeals containing

1. Name, address, and phone number of applicants;
2. Legal description of property including a copy of the deed.
3. Description or nature of variance requested;
4. A narrative statement demonstrating that the requested variance conforms to the following standards:
    a. That special conditions and circumstances exist which are peculiar to the land, structure, or building involved and which are not applicable to other lands.

structures, or buildings in the same district.

b. That a literal interpretation of the provisions of this Resolution would deprive the applicant of rights commonly enjoyed by other properties in the same district under the terms of this Resolution;

c. That special conditions and circumstances do not result from the actions of the applicant.

d. That granting the variance requested will not confer on the applicant any special privilege that is denied by this Resolution to other lands, structures, or buildings in the same district.

A variance shall not be granted unless the Board makes specific findings of fact based directly on the particular evidence presented to it, which support conclusions that the standards and conditions imposed by subsection 4 of this section have been met by the applicant.

Section 545 Supplementary Conditions and Safeguards. Under no circumstances shall the Board of Zoning Appeals grant an appeal or variance to allow a use not permissible under the terms of this Resolution in the District involved, or any use expressly or by implication prohibited by the terms of this Resolution in said district. In granting any appeal or variance, the Board of Zoning Appeals may prescribe appropriate conditions and safeguards in conformity with this Resolution. Violation of such conditions and safeguards, when made a part of the terms under which the appeal or variance is granted, shall be deemed a violation of this Resolution and punishable under Section 350 of this Resolution.

Section 546 Public Hearing by the Board of Zoning Appeals. The Board of Zoning Appeals shall hold a public hearing within twenty (20) days after the receipt of an application for an appeal or variance from the Zoning Inspector or an applicant.

Section 547 Notice of Public Hearing in Newspaper. Before holding the public hearing required in Section 546, notice of such hearing shall be given in one newspaper of general circulation in the Township at least ten (10) days before the date of said hearing. The notice shall set forth the time and place of the public hearing, and the nature of the proposed appeal or variance.

Section 548 Notice to Parties in Interest. Before holding the public hearing required in Section 546, written notice of such hearing shall be mailed by the chairman of the Board of Zoning Appeals, by first class mail at least ten (10) days before the day of the hearing to all parties in interest. Parties of interest shall include, but not limited to, property owners contiguous to and directly across the road (street) from the property concerned. The notice shall contain the same information as required of notices published in newspapers as specified in Section 547.

Section 549 Action by Board of Zoning Appeals. Within thirty (30) days after the public hearing required in Section 547, the Board of Zoning Appeals shall either approve, approve with supplementary conditions as specified in Section 545, or disapprove the request for appeal or variance. The Board of Zoning Appeals shall further make a finding that the reasons set forth in the application justify the granting of the variance that will make possible a reasonable use of the land, building, or structure. Appeals from Board decisions shall be made in the manner specified in Section 530.

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Section 560 Procedure and Requirements For Approval of Conditional Use Permits. Conditional uses shall conform to the procedures and requirements of Section 561-568, inclusive of this Resolution.

Section 561 General. It is recognized that an increasing number of new kinds of uses are appearing daily and that many of these and some other more conventional uses possess characteristics of such unique and special nature relative to location, design, size, method of operation, circulation, and public facilities that each specific use must be considered individually. These specific uses as they are conditionally permitted under the provisions of Article 9, shall follow the procedures and requirements set forth in Section 562-568, inclusive.

Section 562 Contents of Application for Conditional Use Permit. An application for conditional use permit shall be filed with the chairman of the Board of Zoning Appeals by at least one owner or lessee of property for which such conditional use is proposed. At a minimum the application shall contain the following information:

1. Name, address, and phone number of applicant;
2. Legal description of property;
3. Description of existing use;
4. Zoning district;
5. Description of proposed conditional use;
6. A plan of the proposed site for the conditional use showing the location of all buildings, parking and loading area, traffic access and traffic circulation, open spaces, landscaping refuse and service areas, utilities, signs, yards and such other information as the Board may require to determine if the proposed conditional use meets the intent and requirements of this Resolution.
7. A narrative statement evaluating the effects on adjoining property, the effect of such elements as noise, odor and fumes and on adjoining property; a discussion of the general compatibility with adjacent and other properties in the district; and the relationship of the proposed use to the Comprehensive Plan.
8. All Goshen Township permitted conditional uses must be of a reasonable size & scope as determined by the Zoning Board of Appeals at the time of application, they may not cause a nuisance or violate any other zoning regulation, which is designed to protect the property value and quality of life of the affected neighbors or the township as a whole.

Section 563 General Standards Applicable to all Conditional Uses. The Board shall review the particular facts and circumstances of each proposed use in terms of the following standards and shall find adequate evidence showing that such use at the proposed location;

1. Is in fact a conditional use as established under the provisions of Article 9 and appears on the Official Schedule of District Regulations adopted by Section 910 for the zoning district involved.
2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area;
3. Will not be hazardous or disturbing to the existing or future neighboring areas.
4. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water and sewer and school; or that the persons or agencies responsible for the establishment of the proposed use shall be able to provide adequately any such services;

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5. Will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the community;
6. Will not involve uses, activities, processes, materials equipment and conditions of operation that will be detrimental to property, or the general welfare by reason of excessive production of traffic, noise, smoke, fumes or odors;
7. Will have vehicular approaches to the property which shall be so designed as not to create an interference with traffic on surrounding public thoroughfares.

Section 565 Supplementary Conditions and Safeguards. In granting any conditional use, the Board may prescribe appropriate conditions and safeguards in conformity with this Resolution. Violations of such conditions and safeguards, when made a part of the terms under which the conditional use is granted, shall be deemed a violation of this Resolution and punishable under Section 350 of this Resolution.

Section 566 Procedure for Hearing, Notice. Upon receipt of the application for a conditional use permit specified in Section 562, the Board shall hold a public hearing, publish notice in a newspaper, and give written notice to all parties in interest according to the procedures specified in Section 545 through 548.

Section 567 Action by the Board of Zoning Appeals. Within thirty (30) days after the public hearing required in Section 566, the Board shall either approve, approve with supplementary conditions as specified in Section 565, or disapprove the application as presented. If the application is approved or approved with modifications, the Board shall direct the Zoning Inspector to issue a conditional use permit listing the specific conditions specified by the Board for approval. If the application is disapproved by the Board, the applicant may seek relief through the Court of Common Pleas. Appeals from Board decisions shall be made in the manner specified in Section 530.

Section 568 Expiration of Conditional Use Permit. A conditional use permit shall be deemed to authorize only one particular conditional use and said permit shall automatically expire if, for any reason, the conditional use shall cease for more than two (2) years.

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ARTICLE VI AMENDMENT

Section 600 Procedure for Amendment or District Changes. This Resolution may be amended utilizing the procedures specified in Section 601-611, inclusive of this Resolution.

Section 601 General. Whenever the public necessity, convenience, general welfare, or good zoning practices require, the Board of Township Trustees may by Resolution, after receipt of recommendation thereon from the Zoning Commission, and subject to procedures provided by law, amend, supplement, change or repeal the regulations, restrictions, and boundaries or classification of property.

Section 602 Initiation of Zoning Amendments. Amendments to this Resolution may be initiated in one of the following ways:

1. By adoption of a motion by the Zoning Commission;
2. By adoption of a resolution by the Township Trustees;
3. By the filing of an application by at least one (1) owner or lessee of property within the area proposed to be changed or affected by said amendment.

Section 603 Contents of Application. Applications for amendments to the Official Zoning map adopted as part of this Resolution by Section 700 shall contain at least the following information:

1. Name, address, and phone number of applicant;
2. Present use;
3. Present zoning district;
4. Proposed use;
5. Proposed zoning district;
6. A vicinity map at a scale approved by the Zoning Inspector showing property lines, thoroughfares, existing and proposed zoning and such other items as the Zoning Inspector may require;
7. A list of all property owners and their addresses who are within, contiguous to, or directly across the road (street) from the parcel(s) proposed to be rezoned and others that may have a substantial interest in the case, except that addresses need not be included where more than ten (10) parcels are to be rezoned;
8. A fee as established by the Township Trustees, according to Section 360.

Section 604 Transmittal to Zoning Commission. Immediately after the adoption of a resolution by the Township Trustees or the filing of an application by at least one (1) owner or lessee of property, said resolution or application shall be transmitted to the Commission.

Section 605 Submission to Director of Transportation. Before any zoning amendment is approved effecting any land within three hundred (300) feet of the centerline of a proposed new highway or highway for which changes are proposed as described in the certification to local officials by the Director of Transportation, or within a radius of five hundred (500) feet from the point of intersection of said centerline with any public road or highway the Commission shall give notice, by registered or certified mail to the Director of Transportation. The Commission may proceed as required by law, however, the Township Trustees shall not approve the amendment for one hundred twenty (120) days from the date the notice is received by the Director of Transportation. If the Director of Transportation notifies the Trustees that he shall

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proceed to acquire the land needed, then the Trustees shall refuse to approve the rezoning. If the Director of Transportation notifies the Trustees that acquisition at this time is not in the public interest or upon the expiration of the one hundred twenty (120) day period or any extension thereof agreed upon by the Director of Transportation and the property owner, the Trustees shall proceed as required by law.

Section 606 Recommendation by Zoning Commission. Within seventy (70) days from the receipt of the proposed amendment, the Zoning Commission after public hearing and complying with all requirements of Chapter 519.12 O.R.C. shall transmit its recommendation to the Township Trustees. The Zoning Commission may recommend that the amendment be granted as requested, or it may recommend a modification of the amendment requested, or it may recommend that the amendment be denied.

Section 607 Public Hearing by Township Trustees. Upon receipt of the recommendation from the Zoning Commission, the Township Trustees shall schedule a public hearing. Said hearing shall be not more than thirty (30) days from the receipt of the recommendation from the Zoning Commission.

Section 608 Notice of Public Hearing in Newspaper. Notice of the public hearing required in Section 607 shall be given by the Township Trustees by at least one (1) publication in one (1) or more newspapers of general circulation in the Township. Said notice shall be published at least ten (10) days before the date of the required hearing. The published notice shall set forth the time and place of the public hearing and a summary of the proposed amendment.

Section 610 Action by Township Trustees. Within twenty (20) days after the public hearing required by Section 607, the Township Trustees shall either adopt or deny the recommendation of the Zoning Commission, or adopt some modification thereof. In the event the Trustees deny or modify the recommendation of the Zoning Commission, they must do so by a majority vote. The Trustees may adopt and make a part of the Goshen Township Zoning Resolution, any new proposed amendment or a new section to the Goshen Township Zoning Resolution when such is initiated at a hearing conducted in accordance to the Goshen Township Zoning Resolution or the Ohio Revised Code, however, each amendment or new resolution must be approved by a majority vote of the Trustees.

Section 611 Effective Date and Referendum. Such amendment adopted by the Trustees shall become effective thirty (30) days after the date of such adoption unless within thirty (30) days after the adoption of the amendment there is presented to the Trustees a referendum petition, which is filed in accordance with Section 519.12 of the Ohio Revised Code as amended.

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ARTICLE VII PROVISIONS FOR OFFICIAL ZONING MAP

Section 700 Official Zoning Map. The districts established in Article 8 of this Resolution as shown on the Official Zoning Map which, together with all explanatory matter thereon, are hereby adopted as part of this Resolution.

Section 710 Identification of the Official Zoning Map. The Official Zoning Map shall be identified by the signature of the chairman of the Board of Township Trustees and attested to by the Fiscal Officer.

Section 720 Interpretation of District Boundaries. Where uncertainty exists with respect to the boundaries of any of the zoning districts as shown on the Official Zoning Map the following rules shall apply:

1. Where district boundaries are indicated as approximately following the center lines of thoroughfares or highways, street lines, or highway right-of-way lines, such center lines, street lines, or highway right-of-way lines shall be construed to be such boundaries;
2. Where district boundaries are so indicated that they approximately follow the lot lines, such lot lines shall be construed to be such boundaries;
3. Where district boundaries are so indicated that they are approximately parallel to the center lines or street lines of streets, or the center lines or right-of way lines of highways, such district boundaries shall be construed as being parallel thereto and at such distance there from as indicated on the Official Zoning Map. If no distance is given, such dimensions shall be determined by the use of the scale shown on the Official Zoning Map;
4. Where the boundary of a district follows a railroad line, such boundary shall be deemed to be located in the middle of the main tracks of said railroad line.

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ARTICLE VIII ESTABLISHMENT AND PURPOSE OF DISTRICTS

Section 800 Intent. The following zoning districts are hereby established for the township. For the interpretation of this Resolution, the zoning districts have been formulated to realize the general purposes as set forth in the preamble of this Resolution. In addition the specific purpose of each zoning district shall be as stated.

Section 810 Rural District (U-1). The intention of the rural district is to provide land which is suitable or used for agriculture, conservation, very low density residence and public and quasi-public purpose. Very low density residential land use refers to farm housing units, single family dwellings and isolated residential developments not requiring a major plat under the County's Subdivision Regulations. On-site water and sewer facilities are permitted provided such facilities comply with the County Health Department Regulations. Specific permitted and conditional uses are listed on the Official Schedule of District Regulations.

Section 811 Low Density Residential District (R-1). The purpose of the low density residential district is to provide land for a single family dwelling unit. This district shall also include land that is subdivided which requires a major plat under the County's Subdivision Regulations. Specific permitted and conditional uses are listed on the Official Schedule of District Regulations.

Section 814 Local Business District (B-2). The purpose of the local business district is to provide land for convenience-type retail and personal service establishments and sales, service and repair establishments which may not contribute to the design of a unified business center. Specific permitted and conditional uses are listed on the Official Schedule of District Regulations.

Section 816 Heavy Manufacturing District (M-2). The purpose of this District is to provide land for major manufacturing, processing, storage, warehousing, mineral extraction, research and testing facilities, and similar operations. The district may also include light manufacturing. These activities may require large sites, extensive community services, have large, open storage and service areas, and generate greater industrial traffic than in a light manufacturing district. Specific permitted and conditional uses are listed in the Official Schedule of District Regulations.

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ARTICLE IX DISTRICT REGULATIONS

Section 900 Compliance with Regulations. The regulations for each district set forth by this Resolution shall be minimum regulations and shall apply uniformly to each class or kind of structure or land, except as hereinafter provided; or as otherwise granted by the Board of Zoning Appeals.

1. No building, structure or land shall be used or occupied and no building or structure or part thereof shall be erected, constructed, reconstructed, moved or structurally altered except in conformity with all of the regulations herein specified for the district in which it is located.
2. No building or other structure shall be erected or altered;
    a. to provide for greater height or bulk;
    b. to accommodate or house a greater number of families;
    c. to occupy a greater percentage of lot area;
    d. to have narrower or smaller rear yards, front yards, side yards or other open spaces.
3. No yard or lot existing at the time of passage of this Resolution shall be reduced in dimension or area below the minimum requirements set forth herein. Yards or lots created after the effective date of this Resolution shall meet at least the minimum requirements set forth herein.

Section 910 Official Schedule of District Regulations Adopted. District regulations shall be as set forth in the Official Schedule of District Regulations hereby adopted and declared to be a part of this Resolution and in Article 10 of this Resolution, "Supplementary District Regulations." Regulations for Mobile Home Parks shall be those specified in Article 13.

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OFFICIAL SCHEDULE OF DISTRICT REGULATIONS

ZONING DISTRICTS (Symbols as used on the official zoning map)	PERMITTED USES (Accessory uses and essential services are included)	CONDITIONAL USES (Permitted upon issuance of a Conditional Use Permit by the Board of Zoning Appeals)	PLANNED UNIT DEVELOPMENT USES (Permitted upon approval by the Board of Zoning Appeals) NOT APPLICABLE
1	2	3	4
U-1 **RURAL DISTRICT**	Agriculture; Animal Feed Lot (Confined Animal Feeding Operation) Dwelling Single Family Home occupation Forestry; Nursery (tree and plant); Orchards. Telecommunications Towers;	Commercial Recreation; Food Processing; Public & quasi public uses Veterinary animal hospital or clinic, Kennel; Offices Light Manufacturing. Non-Commercial Recreation; Personal Storage Facility; Restaurants/Eating & Drinking Est; Public Service Facility Service Business. Shopping type retail	
R-1 **LOW DENSITY RESIDENTIAL DISTRICT**	Dwelling Single family;	Dwelling, Multi-family; Home occupation; Public & quasi-public uses; Public service facility Telecommunication towers; Offices; Non-Commercial Recreation; Service Business; Shopping type Retail; Signs & Advertising Structures;	
B-2 **LOCAL BUSINESS DISTRICT**	Business, Service; Clinic; Business Convenience-type retail, Business, shopping-type retail; Dwellings multi-family. Gasoline service station. Offices Personal services; Printing & Publishing Public Service Facility; Recreation Commercial & non-commercial; Public & quasi public uses; Service Station; Shopping type, retail; Telecommunication Towers;	Business, drive in; Club or Fraternal Organization Dwelling, rooming house, Food Processing; Light Manufacturing, Manufactured or Mobile home park; Nursery, nursing home; Public service facility Transient lodging. Veterinary animal hospital or clinic Wholesale and Warehousing; Mining commercial quarries sand & gravel pits Signs & Advertising Structures.	
M-2 **HEAVY MANUFACTURING**	Business, service. Offices; Food Processing; Light & heavy manufacturing. Junk Storage & Sales; Personal services; Public & Quasi - Public Uses. Supply yards; Telecommunication towers, Transport terminals; Wholesale & Warehousing	Adult Entertainment Junk Yards, Mining, commercial quarries, sand and gravel pits ; Mineral extraction Public service facility; Signs & Advertising Structures	

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	MINIMUM LOT SIZE (Square feet per household)		Frontage (Width) (Feet)	MAXIMUM PERCENTAGE OF LOT TO BE OCCUPIED (Principal and accessory buildings)
	With On-site Sewage Treatment	With Group or Central Sewage Treatment		
	5	6	7	9
U-1	65,340 (1.5 acres) Excluding all Right of Ways	———	150	25
R-1	65,340 (1.5 acres) Excluding all Right of Ways	———	150	25
		10,800 (single)	80	25
		2,700 (multi)	80	25
B-2	65,340 (1.5 acres) Excluding all Right of Ways	———	300 on all roads	50
		none	60	
M-2	130,000	40,000	500 on all roads	50
			150	

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	MINIMUM FLOOR AREA (Square feet)	MAXIMUM HEIGHT OF (PRINCIPAL) BUILDINGS		MINIMUM YARD DIMENSIONS (feet)				ACCESSORY BUILDINGS		
				FRONT	SIDE YARDS		REAR	Maximum height (feet)	Minimum Distance In Feet To	
		Stories	Feet		One side Yard	Sum of side yards			Side lot line	Rear lot line
	10	11	12	13	14	15	16	17	18	19
U-1	1400	2 1/2	35	50	20	40	30	30	10	10
R-1	1400 (single)	2 1/2	35	50	20	40	30	15	10	10
	1400 (single)	2 1/2	35	35	20	20	30	15	10	10
	575 (multi)	2 1/2	35	25	20	25	30	15	10	10
B-2	none	3	45	50	0	0	30**	30	0	0
M-2	1,100	3	45	80	25**	50**	40**	25	10	20

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	(MANDATORY) MINIMUM OFF-STREET PARKING SPACE	(MANDATORY) MINIMUM OFF-STREET LOADING SPACE	SIGNS PERMITTED	OTHER PROVISIONS AND REQUIREMENTS (Supplementary regulation, prohibitions, notes, etc.)
	20	21	22	23
U-1	SEE ARTICLE XI	SEE ARTICLE XI	SEE ARTICLE XII	1400 Square feet for mobile homes.
R-1	SEE ARTICLE XI	SEE ARTICLE XI	SEE ARTICLE XII	1400 Square feet for mobile homes;
B-2	SEE ARTICLE XI	SEE ARTICLE XI	SEE ARTICLE XII	*For residential refer to R-1 District regulations. **Non-residential use cannot be conducted closer than 200 feet from any residential;
M-2	SEE ARTICLE XI	SEE ARTICLE XI	SEE ARTICLE XII	*For residential refer to R-1 District regulations **Non-residential use cannot be conducted closer than 40 feet from any residential district or lot.

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ARTICLE X SUPPLEMENTARY DISTRICT REGULATIONS

Section 1000 General. The purpose of supplementary district regulations is to set specific conditions for various uses classification of uses or areas where problems may frequently be encountered.

Section 1001 Conversion of Dwellings to More Units. A residence may be converted to accommodate an increased number of dwelling units provided:

1. The yard dimensions, including minimum lot width still meet the yard dimensions required by the zoning regulations for new structures in that district in which the dwelling is located;
2. The lot area per family equals the lot area requirements for new structures in that district;
3. The floor area per dwelling unit is not reduced to less than that which is required for new construction in that district.

Section 1002 Private Swimming Pools. A private swimming pool, not including farm ponds, shall be any pool, lake, or open tank not located within a completely enclosed building and containing or normally capable of containing water to a depth at any point greater than one and one-half (1 1/2) feet. No such swimming pool, exclusive of portable swimming pools with a diameter less than twelve (12) feet or with an area of less than one hundred (100) square feet shall be allowed in any residential district, except as an accessory use and unless it complies with the following conditions and requirements:

1. The pool is intended and is to be used solely for the enjoyment of the occupants of the principal use of the property on which it is located.
2. It may not be located, including any walks or paved areas or accessory structures adjacent thereto, closer than ten (10) feet to any property line of the property on which it is located.
3. The swimming pool or the entire property on which it is located shall be walled or fenced to prevent uncontrolled access by children from adjacent properties. Said fence or wall shall be not less than five (5) feet in height and maintained in good condition with a gate and lock.

Section 1003 Community or Club Swimming Pools. Community and club swimming pools are permitted in any commercial or residential district but shall comply with the following conditions and requirements:

1. The pool is intended solely for the enjoyment of the members and families and guests of members of the association or club under whose ownership or jurisdiction the pool is operated;
2. The pool and accessory structures thereto, including the areas used by the bathers, shall not be closer than fifty (50) feet to any property line.
3. The swimming pool and all of the area used by the bathers shall be walled or fenced to prevent uncontrolled access by children from the thoroughfare or adjacent properties. Said fence or wall shall not be less than five (5) feet in height and maintained in good condition.

Section 1004 Temporary Buildings. Temporary buildings, construction trailers, equipment and materials used in conjunction with construction work only may be permitted in any district

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during the period construction work is in progress, but such temporary facilities shall be removed upon completion of the construction work. Storage of such facilities or equipment beyond the completion date of the project shall require a zoning permit authorized by the Zoning Inspector.

Section 1005 Parking and Storage of Certain Vehicles. The following provisions and requirements shall pertain to the parking and storage of certain vehicles:

1. The parking or storage, within any district, of automotive vehicles without current license plates, for a period of more than thirty (30) days shall be prohibited unless such vehicle is stored in an enclosed garage or other accessory building.
2. The parking or storage, within any district, of a disabled automotive vehicle for a period of more than thirty (30) days shall be prohibited unless such vehicle is stored in an enclosed garage or other accessory building.
3. The parking or storage, within any district, of a junked, dismantled or wrecked automotive vehicle or parts thereof which is in public view for a period of more than thirty (30) days shall be prohibited.

For the purposes of this section, a disabled or a junked, dismantled or wrecked automotive vehicle shall be one which is damaged, or no longer serviceable, to the extent that it is inoperable or is unsafe to operate upon the public highways or private lands.

This section shall not apply to properly licensed junk yards and motor vehicle salvage facilities which are regulated by appropriate sections of the Ohio Revised Code.

Section 1006 Required Trash Areas. All commercial, industrial, and multifamily residential uses that provide trash and/or garbage collection areas shall be enclosed on at least three (3) sides by a solid wall or fence a minimum of four (4) feet in height or one (1) foot higher than the receptacles therein if such area is not within an enclosed building or structure. Provisions for adequate vehicular access to and from such area or areas for collection of trash and/or garbage as determined by the Zoning Inspector shall be required.

Section 1010 Supplemental Yard and Height Regulations. In addition to all yard regulations specified in the Official Schedule of District Regulations and in other sections of this Resolution, the provisions of Sections 1011-1017, inclusive shall be used for interpretation and clarification.

Section 1011 Setback Requirements for Corner Buildings. On a corner lot the principal building and its accessory structures shall be required to have the same setback distance from all street right-of-way lines as required for the front yard in the district in which such structures are located.

Section 1012 Visibility at Intersections. On a corner lot in any district, nothing shall be erected, placed, planted, or allowed to grow in such a manner as to materially impede vision between a height of two and a half (2 1/2) and ten (10) feet above the center line grades of the intersecting streets in the area bounded by the right-of-way lines of such corner lots and a line joining points along said street lines fifty (50) feet from the point of intersection.

Section 1014 Yard Requirements for Multi-family Dwellings. Multi-family dwellings shall be considered as one (1) building for the purpose of determining front, side and rear yard requirements. The entire group as a unit shall require one (1) front, one (1) rear and two (2)

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side yards as specified for dwellings in the appropriate district. Each individual building shall meet all yard requirements for the appropriate district as though it were on an individual lot.

Section 1015 Side and Rear Yard Requirements for Non-Residential Uses Abutting Residential Districts. Non-residential buildings or uses shall not be located in or conducted closer than forty (40) feet to any lot line of a residential district except that the minimum requirements may be reduced to fifty (50) percent of the requirement if acceptable landscaping or screening approved by the Zoning Inspector is provided.

Section 1016 Architectural Projections. Open structures such as porches, canopies, balconies, platforms, carports, covered patios and similar architectural projections shall be considered parts of the building to which attached and shall not project into the required minimum front, side or rear yard.

Section 1017 Exceptions to Height Regulations. The height limitations contained in the Official Schedule of District Regulations do not apply to spires, belfries, cupolas, antennas, water tanks, ventilators, chimneys or other appurtenances usually required to be placed above the roof level and not intended for human occupancy except where the height of such structures will constitute a hazard.

Section 1020 Special Provisions for Commercial and Industrial Uses. No commercial or industrial use as designated on the Official Schedule of District Regulations and defined herein nor any land or building in any district shall be used or occupied in any manner creating dangerous, injurious, noxious or otherwise objectionable conditions which could adversely affect the surrounding areas or adjoining premises, except that any use permitted by this Resolution may be undertaken and maintained if acceptable measures and safeguards to reduce dangerous and objectionable conditions to acceptable limits as established by the performance requirements in Section 1021-1032, inclusive.

Section 1021 Fire Hazards. Any activity involving the use or storage of flammable chemicals, petroleum products or explosive materials shall be protected by adequate fire-fighting and fire-prevention equipment and by such safety devices as are normally used in the handling of any such material. Such hazards shall be kept removed from adjacent activities to a distance which is compatible with the potential danger involved.

Section 1022 Electrical Disturbance. No activity shall emit electrical disturbance adversely affecting the operation of any equipment at any point other than that of the creator of such disturbance. The disturbance must be due solely to the creator and not due to defective wiring, equipment, etc., at the receiving point.

Section 1023 Noise. Noise is the general word for any loud disagreeable, annoying or deafening sound painful to the ear. Objectionable noise as determined by the Zoning Inspector which is due to volume or frequency shall be muffled or otherwise controlled. Disaster or fire sirens and related apparatus used solely for public purposes are except from this requirement.

Section 1024 Water Pollution. Water pollution as defined or determined by the County Board of Health or the Ohio Environmental Protection Agency shall be subject to corrective measures, requirements and regulations as established by the Board of Health of the Ohio E.P.A.

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Section 1025 Mining, Mineral, Clay, Sand and Gravel Extraction, Storage and Processing. The extraction, storage and processing of minerals shall be conducted in accordance with the requirements of Sections 1026 and 1032 inclusive.

Section 1026 Distance from Residential Areas. Mineral extraction, storage or processing shall not be conducted closer than five hundred (500) feet from any residential district nor closer than two hundred (200) from any structure used for human occupancy in any other district.

Section 1027 Filing of Location Map. The operator shall file with the Zoning Inspector a location map which clearly shows areas to be mined and the location of adjacent properties, roads and natural features.

Section 1028 Information on Operation. The operator shall submit information on the anticipated depth of excavations and on depth and probable effect on the existing water table as coordinated with the Ohio Division of Water.

Section 1029 Restoration of Mined Area. The operator may be required to file with the Board of Zoning Appeals a detailed plan for the restoration of the area to be mined which shall include the anticipated future use of the restored land.

Section 1030 Performance Bond. The operator may be required to file with the Board of Township Trustees a bond, or other surety payable to the township and conditioned on the faithful performance of all requirements contained in the approved restoration plan. The bond or other surety shall be released upon written certification of the Zoning Inspector that the restoration is complete and in compliance with the restoration plan.

Section 1031 Enforcement Provisions. The Zoning Inspector, prior to the issuance of a zoning permit, may require the submission of statements and plans indicating the manner in which dangerous and objectionable elements involved in processing and in equipment operations are to be eliminated or reduced to acceptable limits and tolerances. The area being mined or that has been mined shall be posted with "No Trespassing" signs to discourage human injury to the general public

Section 1032 Measurement Procedures. Methods and procedures for the determination of the existence of any dangerous and objectionable elements shall conform to applicable standard measurement procedures published by the American Standards Association, Inc., New York, the Manufacturing Chemists' Association, Inc., Washington, D.C., the United Stated Bureau of Mines and the Ohio Environmental Protection Agency.

Section 1037 Wind Power Generating Facilities. Pursuant to the Township Zoning Inspector and Township Trustees being duly notified of the person's intent to construct Wind Power Generating Facility (WPGF) in any area zoned for U-1, B-2 and M-2, public utilities or other functionally equivalent providers may site a WPGF as a permitted use provided the following conditions of Section 1037 are met:

1. **Applicability.** Section 1037 of this Township Zoning Resolution governs the siting of Wind Power Generating Facilities (WPGF) and substations that generate electricity for personal use or to be sold to the wholesale or retail market and not covered by State Law

2. **Prohibition.** No Wind Power Generating Facilities (WPGF) or components thereof governed by Section 1037 of this Township Zoning Resolution shall be constructed, erected, installed, or located within this Township until prior siting approval has been obtained pursuant to this Township Zoning Resolution.
3. **Siting Approval Application.** To obtain siting approval, the applicant must first submit a siting approval application to the Township Zoning Inspector and must contain the following information:
    a. Wind Power Generating Facility (WPGF) Project Summary including to the extent available the following items
        i. A general description of the project, including its approximate name plate generating capacity; the potential equipment manufacturer(s) type(s) of WPGF, number of WPGF and name plate generating capacity of each WPGF; the maximum height of the general location of the project.
        ii. A description of the applicant, owner and operator, including their respective business structures
    b. The name(s), address(es), and phone number(s) of the applicant(s), owner and operator, and all property owner(s), if known.
    c. A site plan for the installation of WPGF showing the planned location of each WPGF tower, guy lines and anchor bases (if any), primary structure(s), property lines (including identification of adjoining properties and owner contact information); set back lines, public access roads and turnout locations, substation(s), ancillary equipment, third party transmission lines, and layout of all structures within the geographical boundaries of any applicable setback.
    d. All required studies, reports, certifications, and approvals demonstrating compliance with the provisions of this Resolution
    e. The applicant may make adjustments to the siting so long as such adjustments are limited to land parcels identified in the original application and such adjustments comply with the conditions of Section 1037 herein.
    f. Any other information normally required by the Township as part of its Zoning Resolution.
4. **Design and Installation.**
    a. **Design Safety Certification.**
        i. WPGF shall conform to applicable industry standards, including those of the American National Standards Institute (ANSI). Applicants shall submit certificates of design compliance that equipment manufacturers have obtained from Underwriters Laboratories (UL), Det Norske Veritas (DNV), Germanischer Lloyd Wind Energie (GL), or an equivalent third party
        ii Following the granting of siting approval under this Resolution, a Professional Engineer shall certify, as part of the building permit application, that the foundation and tower design of the WPGF, including substation, transformer, underground cabling or parts thereof and the access road, is within accepted professional standards, given local soil and climate conditions
    b. **Controls and Brakes.** All WPGF shall be equipped with a redundant braking system. This includes both aerodynamic over speed controls (including variable pitch, tip, and other similar systems) and mechanical brakes. Mechanical brakes shall be operated in a fail-safe mode. Stall regulation shall not be considered a sufficient braking system for over speed protection.

c. **Electrical Components.** All electrical components of the WPGF shall conform to applicable local, state, and national codes, and relevant national and international standards (i.e., ANSI and International Electrical Commission).

d. **Color.** Towers and blades shall be painted white or gray or another non-reflective, unobtrusive color.

e. **Compliance with the Federal Aviation Administration.** The applicant for the WPGF shall comply with all applicable Federal Aviation Administration (FAA) requirements.

f. **Warnings.**

   i. A reasonably visible warning sign concerning voltage must be placed at the base of all pad-mounted transformers and substations.

   ii. A reasonably visible warning sign stating contact phone number of operator in case of emergency.

   iii. Visible, reflective, colored objects, such as flags, reflectors, or tape shall be placed on the anchor points of guy wires and along the guy wires up to a height of fifteen (15) feet from the ground.

g. **Climb Prevention.** All WPGF towers must be unclimbable by design or protected by anti-climbing devices.

h. **Setbacks.**

   i. All WPGF towers shall be set back at least five hundred (500) feet from any primary structure. The distance for the above setback shall be measured from the point of the primary structure foundation closest to the WPGF tower to the center of the WPGF tower foundation. In no case shall a WPGF tower be located closer to a primary structure than 1.25 times the WPGF tower height (to cover taller towers).

   ii. All WPGF towers shall be set back a distance of at least 1.35 times the WPGF tower height from public roads and public road right-of-ways, third party transmission lines, and communication towers.

   iii. All WPGF towers shall be set back a distance of at least 1.20 times the WPGF tower height from adjacent property lines. The affected adjacent property owners may waive this setback requirement by signing a contract with the WPGF.

   iv. The applicant does not need to obtain a variance from the Township upon execution of a contract with a WPGF by an adjacent property owner of the above setback requirements of Section 1037. Any waiver of any of the above setback requirements shall run with the land and be recorded as part of the chain of title in the deed of the subject property.

i. **Compliance with additional regulations.** Nothing in this Resolution is intended to preempt other applicable state and federal laws and regulations.

j. **Use of Public Roads.**

   i. An applicant, owner, or operator proposing to use any county, municipal, township, or village road (s) for the purpose of transporting WPGF or substation parts and/or equipment for construction, operation, or maintenance of the WPGF or substations shall identify all such public roads or bridges and obtain applicable weight and size permits from relevant government agencies prior to construction.

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ii. To the extent an applicant, owner, or operator must obtain a weight or size permit from the county, municipality, township, or village, the applicant, owner, or operator shall conduct a pre-construction baseline survey to determine existing road conditions for assessing potential future damage, and secure financial assurance, in a reasonable amount agreed to by the relevant parties, for the purpose of repairing any damage to public roads caused by constructing, operating, or maintaining the WPGF.

S. **Operation.**

a. **Maintenance.**

i. The owner or operator of the WPGF shall furnish an operation and maintenance report to the Township on an annual basis.

ii. Any physical modification to the WPGF that alters the mechanical load, mechanical load path, or major electrical components shall require re-certification under this Resolution. Like-kind replacements shall not require re-certification. Prior to making any physical modification (other than a like-kind replacement), the owner or operator shall confer with a relevant third party certifying entity identified in this Resolution to determine whether the physical modification requires re-certification.

b. Interference.

i. The applicant shall provide the applicable microwave transmission providers and local emergency service providers/911 operators copies of the project summary and site plan as set forth in this Resolution. To the extent that the above providers demonstrate a likelihood of interference with its communications resulting from the WPGF, the applicant shall take reasonable measures to mitigate such anticipated interference. If, after construction of the WPGF, the owner or operator receives a written complaint related to the above-mentioned interference, the owner or operator shall take reasonable steps to respond to the complaint.

ii. If, after construction of the WPGF, the owner or operator receives a written complaint related to interference with local broadcast residential television, the owner or operator shall take reasonable steps to respond to the complaint.

c. **Coordination with Local Fire Department.**

i. The applicant, owner, or operator shall submit to the local Fire Department a copy of the site plan.

ii. Upon request by the local Fire Department, the owner or operator shall cooperate with the local Fire Department to develop the Fire Department's emergency response plan.

iii. Nothing in this Section of this Resolution shall alleviate the need to comply with all other applicable fire laws and regulations.

iv. Upon request by the local Fire Department, the owner or operator shall on a yearly basis, participate in High Angle Rescue using the WPGF tower.

d. **Materials Handling, Storage, and Disposal.**

i. All solid wastes related to the construction, operation, maintenance, and decommissioning of the WPGF shall be removed from the site

promptly and disposed of in accordance with all applicable local, state, and federal laws.

i. All hazardous materials related to the construction, operation and maintenance of the WPGF shall be handled, stored, transported, and disposed of in accordance with all applicable local, state, and federal laws.

6. **Noise Levels.** Noise levels from each WPGF unit of WPGF project shall be in compliance with applicable State of Ohio regulations. The applicant, through the use of a qualified professional as part of the siting approval application process, shall appropriately demonstrate compliance with the above noise regulations.
7. **Birds.** A qualified professional, such as an ornithologist or wildlife biologist, shall conduct an avian habitat study, as part of the siting approval application process, to determine if the installation of the WPGF will have a substantial adverse impact on birds.
8. **Public Participation.** Nothing in this Section 1037 of this Resolution is meant to augment or diminish existing opportunities for public participation.
9. **Liability Insurance.** The owner or operator of each WPGF tower shall maintain a current general liability policy covering bodily injury and property damage with limits of at least $3 million per occurrence.
10. **Decommissioning Plan.** Prior to receiving site approval under Section 1037 of this Resolution, the applicant, owner, and/or operator must formulate a Decommissioning Plan to ensure that the WPGF project is properly decommissioned. The Decommissioning Plan shall include:
    a. Provision describing the triggering events for decommissioning the WPGF project.
    b. Removal of structures, debris, access roads, and electrical cabling, including transmission lines below the soil surface, as specified in each individual WPGF contract with the landowner(s).
    c. Provisions for the restoration of the soil and vegetations.
    d. An estimate of the decommissioning costs certified by a Professional Engineer approved by the Goshen Township Trustees.
    e. Financial Assurance, secured by the owner/operator, for the purpose of adequately performing the decommissioning in an amount equal to the Professional Engineer's certified estimate of the decommissioning costs plus anticipated inflation.
    f. Identification of and procedures for Township access to financial assurances.
    g. A provision that the terms of the Decommissioning Plan shall be binding upon the owner or operator and any of their successors, assigns, or heirs.
11. **Remedies.**
    a. The applicant's, owner's, or operator's failure to materially comply with any of the above provisions shall constitute a default under this Resolution.
    b. Prior to implementation of the existing Township procedures for the adjudication of such default(s), the appropriate Township body shall first provide written notice to the owner and operator, setting forth the alleged default(s). Such written notice shall provide the owner and operator a reasonable time period, not to exceed sixty (60) days, for good faith negotiation period, the existing Township Resolution provisions addressing the adjudication of such default(s) shall govern.

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c. If the Township determines in its discretion, that the parties cannot resolve the alleged default(s) within the good faith negotiation period, the existing Township Resolution provisions addressing the resolution of such default(s) shall govern.

12. **Expenses.** All reasonable expenses incurred by the Goshen Township Trustees to review and certify the WPGF plan shall be paid by the applicant
13. **Schedule of Fees, Charges, and Expenses.** As stated in the Zoning Resolution of Goshen Township, Champaign County, Ohio Section 360, any WPGF company will abide by the schedule of applicable fees, charges, and expenses set by the Township Trustees at the time of application prior to any action taken.

Section 1038 Small Solar Energy Systems (Less than 50MW)

A. Accessory Solar Energy Systems

It is the purpose of this regulation to promote the safe, effective, and efficient use of accessory solar energy systems installed to reduce the on-site consumption of utility-supplied electricity. An accessory solar energy system shall be considered a permitted accessory use in any district provided all requirements and regulations as set forth below are met.

No person shall cause, allow or maintain the use of an accessory solar energy system without first having obtained a zoning permit from the zoning inspector.

All accessory solar energy systems shall meet the following requirements:

1. An accessory solar energy system is permitted in all zoning districts as an accessory to a principal use.
2. An accessory solar energy system shall not be used for the generation of power for the sale or donation of energy to other users, although this provision shall not be interpreted to prohibit the sale or donation of excess power generated from time to time to the local utility company or the sale or donation of power as part of a net metering or similar arrangement. Net metering or similar arrangements are those where electricity produced by the accessory solar energy system displaces electricity that would otherwise be purchased from an electric utility or supplier for the lot where the accessory system is located. Net metering or similar arrangements shall be incidental and secondary to the production for on-site use.
3. Accessory solar energy systems with a generation output of five hundred (500) watts or less, or a combination of accessory solar energy systems with an aggregate generation output of five hundred (500) watts or less, shall not require a permit and shall be exempt from the requirements of this section, provided that the system is independent and disconnected from the electrical service(s) supplied to the lot on which the accessory solar energy system is located.
4. Roof/Building mounted accessory solar energy systems.
    a. Shall not extend beyond the perimeter (or edge of roof) of the building on which it is located
    b. May be mounted to a principal or accessory building.
    c. The height of the solar energy system and building to which it is mounted may not exceed the ridgeline of the roof for hip, gable, and gambrel roofs
5. Ground/Pole mounted accessory solar energy systems
    a. Shall be no taller than seventy-five (75) percent of the maximum building height allowed in that zoning district for accessory buildings.
    b. Shall be permitted in the rear or side yard only
    c. Shall be erected within an established clear fall zone.

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d. The minimum setback distance from the property lines for structures comprising solar energy systems and all related equipment shall be at least one hundred ten (110) percent of the height of any structure or at least twenty (20) feet from the nearest property line, whichever is greater.

6. Other structure mounted accessory solar energy systems:
   a. Shall be no taller than seventy-five (75) percent of the maximum building height allowed in that zoning district for accessory buildings.
   b. Shall be permitted in the rear or side yard only.
   c. Shall be erected within an established clear fall zone.
   d. The minimum setback distance from the property lines for structures comprising solar energy systems and all related equipment shall be at least one hundred ten (110) percent of the height of any structure or at least twenty (20) feet from the nearest property line, whichever is greater.
7. Accessory solar energy systems shall be designed and located in order to prevent reflective glare toward any inhabited structure on adjacent properties as well as adjacent street right of ways.
8. Accessory solar energy systems and all solar energy equipment that are no longer functioning shall be completely removed from the property within six (6) months from the date they are no longer producing electricity, become damaged, discontinued or broken. Any earth disturbance as a result of the removal of the accessory solar energy system shall be graded and reseeded within thirty (30) days of removal.
9. In addition to the site plan required for any zoning permit or conditional use permit, the following shall also be submitted at the time of application and shall include:
   a. Height of the proposed solar energy system(s) at maximum tilt.
   b. Evidence of established setbacks of 1.1 times the height of any ground/pole mounted or other structure mounted solar energy system and "clear fall zone".
   c. Proof of notice to the electric utility company, Soil and Water Conservation District (for drainage impact purposes), and County Health Department/District (for on-site sewage treatment impacts) regarding the proposal.

B. Principal Solar Energy Production Facilities

No Principal Solar Energy Production Facility shall be located in a zoning district where such facilities are not explicitly listed as a permitted or conditionally permitted use.

It is not the purpose of this regulation to regulate a major utility facility as defined by the Ohio Revised Code, which is regulated by the Ohio Power Siting Board (50 MW or greater).

Principal Solar Energy Production Facilities are prohibited in any district.

Section 1050 Storage of Toxic or Hazardous Materials. Except as exempted hereafter, the storage of toxic or hazardous materials, as determined by the Ohio Environmental Protection Agency (Ohio EPA), in quantities greater than fifty-five (55) gallons liquid or twenty-five (25) pounds dry weight for any one material shall be prohibited. This section shall not apply to fuels stored in less than one thousand one hundred (1,100) gallon tanks that conform to the Ohio Fire Code for the purpose of heating buildings and located on site, or to materials stored for on-site residential, industrial, commercial or agricultural purposes. "Storage" when used in connection with this section, means the containment of hazardous materials, either on a temporary basis or for a period of years, in such a manner as not to constitute disposal of the material.

Section 1067 Mobile Trailers. The use of a mobile home, tractor trailer, box car, freight container, or other similar type trailer, container or structure shall not be permitted as an office or business structure, storage facility, dwelling, or sign structure except as stated in this Section and in Section 1004

A freight container may be permitted as an accessory building subject to the following conditions

1. It shall not be located further forward than the front edge of the principal building or structure
2. It shall be placed on a dry and durable surface.

Section 1080 Junk. No trash, toxic or hazardous materials, hazardous waste, debris, rubbish, unused property, discarded materials, junk automotive vehicles, automotive vehicle parts, salvage motor vehicles, rags, lumber, building materials, equipment and/or parts thereof, junk farm equipment, junk tractors, junk recreational vehicles, trailers or any other garbage, refuse or junk shall be permitted to accumulate on any lot or portions thereof which creates an eyesore, hazard, or nuisance to the neighborhood or general public

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ARTICLE XI OFF-STREET PARKING AND LOADING REQUIREMENTS

Section 1100 General Requirements.

1. No building or structure shall be erected substantially altered, or its use changed unless permanently maintained off-street parking and/or loading spaces have been provided in accordance with the provisions of this Resolution.
2. The provisions of this Article, except where there is a change of use, shall not apply to any existing building or structure.
3. Whenever a building or structure constructed after the effective date of this Resolution is changed or enlarged in floor area, number of employees, number of dwelling units, seating capacity, or otherwise to create a need for an increase in the number of existing parking spaces, additional parking spaces shall be provided on the basis of the enlargement or change. Whenever a building or structure existing prior to the effective date of this Resolution is enlarged to the extent of fifty (50) percent or more in floor area, number of employees, number of housing units, seating capacity or otherwise, said building or structure shall then and thereafter comply with the full parking requirements set forth herein.

Section 1110 Parking Space Dimensions. A parking space shall have minimum rectangular dimensions of not less than nine (9) feet in width and nineteen (19) feet in length for ninety (90) degree parking, nine (9) feet in width and twenty-three (23) feet in length for parallel parking, ten (10) feet in width and nineteen (19) feet in length for sixty (60) degree parking, and twelve (12) feet in width and nineteen (19) feet in length for forty-five (45) degree parking. All dimensions shall be exclusive of driveways, aisles and other circulation areas. The number of required off-street parking spaces is established in Section 1130 of this Resolution.

Section 1111 Loading Space Requirements and Dimensions. A loading space shall have minimum dimensions of not less than twelve (12) feet in width, fifty (50) feet in length, exclusive of driveways, aisles and other circulation areas and a height of clearance of not less than fifteen (15) feet. One (1) off-street loading space shall be provided and maintained on the same lot requiring delivery of goods and having a modified gross floor area of up to five thousand (5,000) square feet. One (1) loading space shall be provided for each additional ten thousand (10,000) square feet or fraction thereof of ground floor area.

Section 1112 Paving. The required number of parking and loading spaces as set forth in Section 1111 and 1130, together with driveways, aisles and other circulation areas, shall be improved with such material to provide a durable and dust-free surface.

Section 1113 Drainage. All parking and loading areas shall provide for proper drainage of surface water to prevent the drainage of such water onto adjacent properties or walkways.

Section 1114 Maintenance. The owner of property used for parking and/or loading shall maintain such area in good condition without holes and free of all dust, trash and other debris.

Section 1115 Lighting. Any lights used to illuminate a parking lot shall be so arranged as to reflect the light away from the adjoining property.

Section 1116 Location of Parking Spaces. The following regulations shall govern the location of off-street parking spaces and areas:

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1. Parking spaces for all detached residential uses shall be located on the same lot as the use which they are intended to serve;
2. Parking spaces for commercial, industrial or institutional uses shall be located not more than seven hundred (700) feet from the principal use;
3. Parking spaces for apartments, or similar residential uses shall be located not more than three hundred (300) feet from the principal use.

Section 1117 Screening and/or Landscaping. Whenever a parking area is located in or adjacent to a residential district it shall be effectively screened on all sides which adjoin or face any property used for residential purposes, by an acceptable designed fence, or planting screen. Such fence or planting screen shall be not less than four (4) feet nor more than six (6) feet in height and shall be maintained in good condition. In the event that terrain or other natural features are such that the erection of such fence or planting screen will not serve the intended purpose, then no such fence or planting screen and landscaping shall be required

Section 1119 Minimum Distance and Setbacks. No part of any parking area for more than ten (10) vehicles shall be closer than twenty (20) feet to any dwelling unit if located on an adjoining lot, unless separated by an acceptably designed screen. In no case shall any part of a parking area be closer than four (4) feet to any established road right-of-way.

Section 1120 Joint Use. Two (2) or more non-residential uses may jointly provide and use parking spaces when their hours of operation do not normally overlap, provided that a written agreement approved by the Zoning Inspector shall be filed with the application for a zoning permit.

Section 1121 Wheel Blocks. Whenever a parking lot extends to a property line, wheel blocks or other suitable devices shall be installed to prevent any part of a parked vehicle from extending beyond the property line

Section 1122 Width of Driveway Aisle. Driveways serving individual parking spaces shall be not less than twenty-five (25) feet wide for ninety (90) degree parking, twelve (12) feet wide for parallel parking, seventeen and one-half (17 1/2) feet for sixty (60) degree parking and thirteen (13) feet for forty-five (45) degree parking.

Section 1130 Parking Space Requirements. For the purpose of this Resolution, the following parking space requirements shall apply:

Type of Use	Parking Spaces Required
Single family or two family dwelling	Two (2) for each unit
Apartments, or multi-family	Two (2) for each unit
Mobile Homes	Two (2) for each unit
Outdoor swimming pools, public or community or club	One (1) for each five (5) persons capacity plus one (1) for each four (4) seats or one (1) for each thirty (30) square feet floor area used for seating purposes whichever is greater

Retail establishments	One (1) for each two hundred and fifty (250) square feet of floor area
Offices, public or professional, administration or service buildings	One (1) for each four hundred (400) square feet of floor area
All other types of businesses or commercial uses permitted in any district	One (1) for each three hundred (300) square feet of floor area
Churches	One (1) for each five (5) seats
All types of manufacturing, storage and wholesale uses	One (1) for every two (2) employees on the largest shift for which the building is designed

Section 1131 General Interpretations. In the interpretation of this Article the following rules shall govern.

1. Parking spaces for other permitted or conditional uses not listed in this Article shall be determined by the Board upon an appeal from a decision of the Zoning Inspector.
2. Fractional numbers shall be increased to the next whole number.
3. When a reason for parking demand is unusually low, then the parking space provisions cited above may be reduced proportionately by the Board upon an appeal from a decision of the Zoning Inspector.

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XII SIGNS

Section 1200 Intent. The purpose of this Article is to promote and protect the public health, welfare and safety by regulating existing and proposed outdoor advertising, outdoor advertising signs and outdoor signs of all types. It is intended to protect property values, create a more attractive economic and business climate, enhance and to protect the physical appearance of the township.

Section 1201 Governmental Signs Excluded. For the purpose of this Resolution "sign" does not include signs erected and maintained pursuant to and in discharge of any governmental function, or required by law, ordinance or governmental regulation.

Section 1202 General Requirements for all Signs and Districts. The regulations contained in this section shall apply to all signs and all use districts.

1. Any illuminated sign or lighting device shall employ only light emitting a light of constant intensity, and no sign shall be illuminated by or contain flashing, intermittent, rotating or moving light or lights. In no event shall an illuminated sign or lighting device be placed or directed so as to permit the beams and illumination there from to be directed or beamed upon a public thoroughfare so as to cause glare or reflection that may constitute a traffic hazard or nuisance;
2. All wiring, fittings and materials used in the construction, connection and operation of electrically illuminated signs shall be in accordance with the provisions of the local electric code in effect, if any;
3. No sign shall be placed on the roof of any building;
4. No portable or temporary sign shall be placed on the front or face of a building or on any premises, except as provided in Section 1220 herein;
5. No sign except as provided in Section 1220 or part thereof shall contain or consist of banners, posters, pennants, ribbons, streamers, spinners or other similar moving devices. Such devices, as well as strings of lights, shall not be used for the purpose of advertising or attracting attention when not part of a sign;
6. No sign of any classification shall be installed, erected, or attached in any form, shape or manner to a fire escape or any door or window giving access to any fire escape;
7. All signs hung and erected shall be plainly marked with the name of the person, firm or corporation responsible for maintaining the sign;
8. Should any sign be or become unsafe or be in danger of falling, the owner thereof or the person maintaining the same, shall upon receipt of written notice from the Zoning Inspector proceed at once to put such sign in a safe and secure condition or remove the sign;
9. No sign shall be placed in any public right-of-way except publicly-owned signs, such as traffic control signs and directional signs. Signs directing and guiding traffic and parking on private property but bearing no advertising matter shall be permitted on any property.

Section 1203 Measurement of Sign Area. The surface area of a sign shall be computed as including the entire area within a regular geometric form or combination of regular, geometric forms comprising all of the display area of the sign and including all of the elements of the matter displayed. Frames and structural members not being advertising matter shall not be included in computation of surface area.

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Section 1210 Signs Permitted in all Districts not Requiring a Permit.

1. Signs advertising the sale, lease or rental of the premises upon which the sign is located, shall not exceed twelve (12) square feet in area, except in all residential districts where the area of the sign shall not be more than eight (8) square feet.
2. Signs denoting the name and address of the occupants of the premises not to exceed four (4) square feet in area

Section 1211 Signs Permitted in any District Requiring a Permit.

1. Signs or bulletin boards customarily incidental to places of worship, social clubs or societies, which signs or bulletin boards shall not exceed fifteen (15) square feet in area and which shall be located on the premises of such institution
2. Any sign advertising a commercial enterprise, including real estate developers or sub dividers in a district zoned residential shall not exceed twelve (12) square feet in area and shall advertise only the names of the owners, trade names, products sold and/or the business or activity conducted on the premises where such sign is located.

Section 1212 Signs Permitted in Business Districts Requiring a Permit. The regulations set forth in this section shall apply to signs in the business district and such shall require a permit.

1. In a business district, each business shall be permitted one (1) flat or wall on-premises sign. Projection of wall signs shall not exceed two (2) feet measured from the face of the main building. The area of all permanent on-premises signs for any single business enterprise may have an area equivalent to one and one-half (1 1/2) square feet of sign area for each lineal foot of building width, or part of a building, occupied by such enterprise but shall not exceed a maximum area of one hundred (100) square feet.
2. In a business district two (2) off-premises signs with a total area not exceeding six hundred (600) square feet for both may be permitted at a single location. No single off-premises sign shall exceed three hundred (300) square feet, nor shall off-premises signs visible to approaching traffic have a minimum spacing of less than two hundred (200) feet. Off-premises signs shall conform to all applicable yard and height regulations for the appropriate zoning district. Off-premises wall signs shall have all structural and supporting members concealed from view.

Section 1220 Temporary Signs. Temporary signs not exceeding thirty-two (32) square feet in area, announcing special public or institutional events, the erection of a building, the architect, the builders, or contractors may be erected for a period of sixty (60) days plus the construction period. Such temporary signs shall conform to the general requirements listed in Section 1202, the setback requirements in Section 1240-1243 and, in addition, such other standards deemed necessary to accomplish the intent as stated in Section 1200

Section 1221 Freestanding Signs. Free-standing on-premises signs not over thirty (30) feet in height having a maximum total sign area of one hundred (100) square feet per display area and located not closer than fifteen (15) feet to any adjoining lot line may be erected to serve a group of business establishments. There shall be only one (1) free-standing sign for each building, regardless of the number of businesses conducted in said building.

Section 1222 Wall Signs Pertaining to Non-Conforming Uses. On-premises wall signs

pertaining to a non conforming use shall be permitted on the same premises of such use provided the area of such sign does not exceed twelve (12) square feet.

Section 1230 Political Signs. No political sign shall be posted in any place or in any manner that is destructive to public property upon posting or removal. No political sign shall be posted more than sixty (60) days before an election. All candidates for public office, their campaign committees or other persons responsible for the posting on public property of campaign material shall remove such material within two (2) weeks following election day.

Section 1240 Sign Setback Requirements. Except as modified in Sections 1241-1244, on-premises signs where permitted shall be set back from the established right-of-way line of any thoroughfare at least ten (10) feet. No off-premises sign shall be erected in front of the required setback line for the appropriate zoning district.

Section 1241 Increased Setback. For every square foot by which any on-premises sign exceeds fifty (50) square feet the setback shall be increased by one-half (1/2) foot but need not exceed one hundred (100) feet.

Section 1242 Setbacks for Off-Premises Signs. If a setback line is not established for the appropriate zoning district, off-premises signs shall be set back a minimum of ten (10) feet from the right-of-way line.

Section 1243 Setbacks for Public and Quasi-public Signs. Real estate signs and bulletin boards for a church, school or any other public religious or educational institution may be erected not less than ten (10) feet from the established right-of-way line of any street or highway provided such sign or bulletin board does not obstruct traffic visibility at street or highway intersections.

Section 1244 Special Yard Provisions. On-premises signs where permitted shall be erected or placed in conformity with the side and rear yard requirements of the district on which located, except that in any residential district, on-premises signs shall not be erected or placed within twelve (12) feet of a side or rear lot line. If the requirement for a single side yard in the appropriate zoning district is more than twelve (12) feet, the latter shall apply.

Section 1250 Limitation. For the purposes of this Resolution, outdoor advertising off-premises signs shall be classified as a business use and be permitted in all districts zoned for business or lands used for agricultural purposes. In addition, regulation of signs along primary highways shall conform to the requirements of Ohio Revised Code Chapter 5516 and the regulations adopted pursuant thereto.

Section 1251 Violations. In case any sign shall be installed, erected, constructed, or maintained in violation of any of the terms of this Resolution, the Zoning Inspector shall notify in writing the owner or lessee thereof to alter such sign so as to comply with this Resolution. Failure to comply shall be deemed a violation and shall be punishable under Section 350 of this Resolution.

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ARTICLE XIII MANUFACTURED HOME PARKS AND MANUFACTURED HOMES INDIVIDUALLY

Section 1300 Intent It is the intent of this Article to regulate the location of, and to encourage, stabilize and protect the development of well-planned manufactured home parks if one is proposed.

Section 1310 Approval Procedures. Manufactured home parks shall be permitted only as a conditional use in the U-1 and B-2 districts and shall be developed according to the general standards and regulations stated and referenced in Article 13.

Section 1320 General Standards for Manufactured Home Parks. The Board of Zoning Appeals shall review the particular facts and circumstances of each proposed or expanded manufactured home park in terms of the following standards and shall find adequate evidence showing that the manufactured home park development:

1. Will be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area;
2. Will not be hazardous or detrimental to existing or future neighboring uses
3. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage, refuse disposal and schools, or that the persons or agencies responsible for the establishment of the proposed park shall be able to provide adequately any such services;
4. Will be consistent with the intent and purpose of this Resolution;
5. Will have vehicular approaches to the property which shall be so designed as not to create an interference with traffic on surrounding public streets or roads;
6. Will not result in the destruction, loss or damage of natural features of major importance
7. Minimum size of manufactured home park shall not be less than five (5) acres.

Section 1330 Manufactured Home Park Requirements Manufactured home parks shall be developed in accordance with the requirements of Chapter 3701-27 of the Ohio Sanitary Code adopted by the Public Health Council under the authority of the Ohio Revised Code Section 3733 and as amended.

Section 1340 Minimum Floor Area. Individual manufactured home located within the park shall have a minimum floor area of (1400) one thousand four hundred square feet using accepted industry measurement standards.

Section 1341 Manufactured Homes Individually. The following requirements shall apply to manufactured home dwellings that are placed upon an individual lot in any district where permitted.

1. Be constructed pursuant to the HUD Code (Manufactured Housing Construction and Safety Standards Act of 1974, 42 U.S.C.A. 88 stat. 700, 5401, and 5403) after January 1, 1995;
2. Have a permanent label or tag attached to it as specified in 42 U.S.C.A. 5415 certifying compliance with all federal construction and safety standards;
3. Be attached to a permanent frost-free foundation meaning permanent masonry, concrete, or a locally approved footing or foundation (slab, crawl space foundation or full

foundation), and connected to appropriate utilities

4. Excluding any additions, have a width of at least 22 and a length of at least 22 feet as manufactured;
5. Have a total living area of 1400 square feet excluding garages porches, attics, crawl spaces, basements, carports breezeways and attachments;
6. Have conventional residential siding (i.e. lap, clapboard, shake, masonry, vertical natural materials), a 6-inch minimum eave overhang, and a minimum "A" roof pitch of 3:12;
7. Have removed its indicia of mobility (temporary axles, trailer tongue, running lights) upon placement upon its foundation;
8. Meet all applicable zoning requirements uniformly imposed on all single-family dwellings in the particular district (excepting contrary requirements for minimum roof pitch and requirements that do not comply with HUD code standards for manufactured housing),
9. And, is not located in a manufactured home park as defined by ORC 373.3.0.1.

Section 1342 Joining Manufactured Homes. Manufactured homes constructed as single units ordinarily used individually shall not be placed together to form one (1) unit.

Section 1343 Mobile Homes Individually. The following requirements shall apply to mobile home dwellings that are placed upon an individual lot in any district where permitted:

1. Individual mobile homes shall have, using accepted industry measurement standards, a minimum area of (1400) one thousand four hundred square feet of floor area.
2. The mobile home's tongue(s), axle(s) and wheels shall be removed and the home shall be placed upon a permanent concrete foundation which is below the frost line and is in accordance with the County Auditor's current requirement for real estate tax purposes and which includes at least two (2) tie-down rings.
3. The mobile home shall be skirted entirely enclosing the bottom section, within ninety (90) days after its placement. Skirting shall be constructed of vinyl, aluminum or other suitable material that is designed specifically for skirting.
4. The mobile home shall be landscaped with a lawn within one hundred sixty (160) days after its placement.
5. The mobile home shall: (1) not be increased in floor area by any means of construction except with a unit specifically designed and constructed by a mobile home manufacturer. (2) not be covered with an additional roof structure.
6. The mobile home lot shall have an accessory structure thereon with minimum dimensions of eight (8) by twelve (12) feet for storage purposes. It shall be located in the side or rear yard.

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ARTICLE XIV TELECOMMUNICATIONS TOWERS.

Section 1400 Intent. It is the intent of Article XIV to regulate all telecommunications towers in residential (U-1 and R-1) districts for the safety and general welfare of the community and to protect adjoining public and private property to the full extent permitted by federal and state law. In the event that state law should change to permit regulation, by zoning, of telecommunications towers in other than residential districts, Article XIV shall from that time apply to all zoned districts to the extent permitted by state law.

Section 1410 Telecommunications Towers in Residential Areas. Telecommunications towers in residential districts (U-1 and R-1) may be allowed as a conditional use. A person seeking to erect, construct, reconstruct, or move or a person who seeks to allow others to erect, construct, reconstruct, or move a telecommunications tower on that person's land, in a residential district (U-1 and R-1) must comply with the provisions of Section 519.211(B) of the Ohio Revised Code as most recently amended, or any code section replacing that section and, if the township trustees notify said person that the proposed tower will be subject to Goshen Township's Zoning Resolution, the person must apply for a conditional use permit. In the event that Section 519.211 of the Ohio Revised Code is repealed or altered, such that notice by the Goshen Township Trustees becomes unnecessary, said person shall be required to apply for a conditional use permit without any notice from the Board of Trustees.

Section 1420 Minimum Standards for Telecommunications Towers.

1. **Set back.** Set backs shall be measured from the edge of the property line and the edge of the public rights of way abutting the property on which a proposed telecommunications tower is to be erected, constructed, reconstructed, or moved.
2. **Building Codes.** Telecommunications towers and all structures associated with said towers shall comply with all applicable building codes and other applicable state laws.
3. **Other Permits Required.** A person proposing to erect, construct, reconstruct, or move a telecommunications tower must provide evidence to the township zoning inspector along with the application for conditional use permit, copies of all county, state, and federal permits required in connection with the erection, construction, reconstruction, or moving of said tower (such permits would include, but are not necessarily limited to county or state building permits, state and federal EPA permits, health district permits, FAA, and FCC permits). If said permits are pending at the time of the application for a conditional use permit, the person proposing to erect, construct, reconstruct, or move the tower shall provide evidence (suitable to the zoning inspector) that such permits are pending, but shall not begin construction of any part of the project until copies of all permits are received by the zoning inspector.
4. **Shared Use.** A person proposing to erect, construct, reconstruct, or move telecommunications towers must abide by the following:
    a. At the time of the application for a conditional use permit, the person proposing to erect, construct, reconstruct, or move a telecommunications tower shall provide an affidavit by a responsible person, supported by documentary evidence demonstrating that said person has made reasonable efforts to mount their telecommunications equipment on a nearby already existing tower or tower already under construction or stating, with supporting documentation, from an individual technically qualified to make such statement that no such tower exists or is being constructed sufficiently close to the location required for the proposed telecommunications tower.

b. If the person proposing to erect, construct, reconstruct, or move a telecommunications tower has demonstrated that the proposed tower must be erected, constructed, reconstructed, or moved, then said person must, as a condition of the conditional use permit, agree to allow other persons to use their tower at a reasonable cost, if technologically permissible, for mounting telecommunications equipment.

5. **Abandonment**. A person proposing to erect, construct, reconstruct, or move a telecommunications tower must agree, as a condition of the conditional use permit, that the tower will be removed in the event that the tower has not been used for telecommunications purpose for more than one (1) year, as determined by the township zoning inspector. The zoning inspector shall provide notice of his or her determination to the holder of the permit. The holder of the permit shall be permitted to appeal the zoning inspector's determination to the Board of Zoning Appeals according to the times for such appeals set forth in other articles of this Zoning Resolution. If the abandoned telecommunications tower has not been removed entirely from the site and the site restored to its original condition within ninety (90) days from the date of the notice or from the date of the final decision of the Board of Zoning Appeals or any court from which a determination of the Board of Zoning Appeals has been affirmed, the township may remove the tower and dispose of it and all attached equipment, and may sell some for salvage to cover expenses and may charge uncovered expenses of said removal and disposal to the bond or letter of credit provided according to Section 1430. If the permit holder of property owner removes the tower, attendant structures may remain upon application for a change of use that is subsequently approved, but shall otherwise also be removed. If the township removed the tower, all attendant structures shall also be removed and removal expenses charged against the bond. A person proposing to erect, construct, reconstruct, or move a telecommunications tower must agree, as a condition of the conditional use permit, that the township has permission to enter the land to remove the tower, all attached equipment, and all attendant structures and further must provide with its application a written license from the owner of the underlying property and any easement leading to and from the property on which the tower is to be erected permiss on for the township to enter upon the property to inspect the tower and structures to determ ne whether or not it has been abandoned and to remove the tower all attached equipment, and all attendant structures.

6. **Guarantee Against Damage to Public or Private Property.** A person proposing to erect, construct, reconstruct, or move a telecommunications tower shall guarantee, as condition of the conditional use permit that if, during the erection, construction, reconstruction, moving, maintenance, or removal of the telecommunications tower, any injury or damages are suffered by any private property located within the township or by any public property including any public right of way within the township, said person or other holder of the permit shall restore the damaged or injured property to its condition prior to the damage or injury and that in the event, the property is not restored within thirty (30) days of notification, the owner of the damaged property may restore the property and may collect the expenses from the bond provided according to Section 1430, below. The person holding the conditional use permit shall be liable for damages caused by vehicles used in the erection, construction, reconstruction, maintenance, mov ng or removal of the tower, all attached equipment, and all attendant structures whether or not said vehicles are within state-legal load limits and irrespective of whether reduced load limit signs have been posted on any roads damaged. Any vehicle or equipment that does exceed state-set legal weight limits must obtain permission not only from the state for traveling on state highways, but also from the county engineer for

traveling on county highways and from the Board of Trustees of the township to travel on any township highways.

7. **Bond or Letter of Credit**. A person proposing to construct or erect telecommunications towers shall, as a condition of the conditional use permit, provide a bond or letter of credit according to the terms of Section 1430. below. A separate bond or letter of credit shall be provided for each separate tower, whether or not they share a common parcel of land

Section 1430 Bond Requirements. Before being issued a conditional use permit to erect, construct, reconstruct, or move a telecommunications tower said person shall provide a bond or letter of credit. The amount of the bond or letter of credit shall be determined by the Board of Zoning Appeals based on information provided by the applicant as to the combined cost of erecting and removing the tower, all attached equipment, and all attendant structures, but shall be not less than one hundred thousand ($100,000) nor more than two hundred fifty thousand dollars ($250,000). The bond or letter of credit shall be to the benefit of the Goshen Township Board of Trustees or to any property owner in the township whose property has been damaged pursuant to Section 1420(5). The bond or letter of credit shall guarantee that all terms and conditions of Article XIV and of the conditional use permit are fully performed, including repairs to public or private property, including public rights of way. The bond or letter of credit shall be issued by a surety or bank approved by the Goshen Township Board of Trustees. By its terms, the bond or letter of credit may not expire, be terminated, or cancelled without providing the Board of Trustees of Goshen Township with written notice of such expiration, termination, cancellation, or other event of non-renewal no later than one hundred twenty (120) days prior to the date of such event. Notice of termination of the bond will constitute irrebuttable proof of abandonment, pursuant to the terms of Section 1420(5).

No conditional use permit issued hereunder shall become operative and effective until said bond has been reviewed and approved by the Prosecuting Attorney of Champaign County, Ohio. No conditional use permit issued hereunder shall continue to have effect upon notice of any termination for any reason of the bond.

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ARTICLE XV ADULT ENTERTAINMENT

Section 1534 Adult Entertainment Facilities. A facility having a significant portion of its function as adult entertainment which includes the following listed categories:

1. **Adult Bookstore**. An establishment having as a substantial or significant portion of its stock in trade, books, magazines, and other periodicals which are distinguished or characterized by their emphasis on matter depicting or relating to "specified sexual activities" or "specified anatomical areas" as herein defined or an establishment with a segment or section devoted to the sale or display of such material.
2. **Adult Mini Motion Picture Theatre** A facility with a capacity for less than fifty (50) persons, used for presenting material distinguished or characterized by an emphasis on matter depicting, describing, or relating to "specified sexual activities" or "specified anatomical areas," for observation by patrons therein.
3. **Adult Motion Picture Theatre**. A facility with a capacity for more than fifty (50) persons, used for presenting material distinguished or characterized by an emphasis on matter depicting, describing, or relating to "specified sexual activities" or "specified anatomical areas" for observation by patrons therein.
4. **Adult Entertainment Business**. Any establishment involved in the sale or services or products characterized by the exposure or presentation of "specified anatomical areas" or physical contact of live males or females and which is characterized by salacious conduct appealing to prurient interest for the observation or participation in by patrons. Services or products included within the scope of adult entertainment business are photography, dancing, reading, massage, and similar functions which utilize activities as specified above.

Section 1535 General Conditions for Adult Entertainment Facilities Use.

1. No adult entertainment facility shall be established within two thousand (2,000) feet of any areas zoned for residential use, U-1 or R-1.
2. No adult entertainment facility shall be established within a radius of two thousand (2,000) feet of any school, library, or teaching facility, whether public or private, governmental or commercial which school, library, or teaching facility is attended by persons under eighteen (18) years of age.
3. No adult entertainment facility shall be established within a radius of two thousand (2,000) feet of any park or recreational facility attended by persons under eighteen (18) years of age.
4. No adult entertainment facility shall be established within a radius of two thousand (2,000) feet of any other adult entertainment facility.
5. No adult entertainment facility shall be established within a radius of two thousand (2,000) feet of established church, synagogue, or permanently established place of religious services which is attended by persons under eighteen (18) years of age.
6. No advertisements, displays, or other promotional materials shall be shown or exhibited so as to be visible to the public from pedestrian sidewalks or walkways, or from other areas public or semi-public.
7. All building openings, entries, windows, etc. for adult uses shall be located, covered, or serviced in such a manner as to prevent a view into the interior from any public or semi-public area, sidewalk, or street. For new construction, the building shall be oriented so as to minimize any possibility of viewing the interior from public or semi-public areas.

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8. No screens, loudspeakers, or sound equipment shall be used for adult motion picture theatres (enclosed or drive-in) that can be seen or discerned by the public from public or semi-public areas.
9. Off-street parking shall be provided in accordance with the standards for permitted use within B-2 Business District.

The Board of Zoning Appeals may set other conditions which it deems appropriate.

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This Resolution is hereby adopted on this 30th day of July, 2024.

Chairman, Board of Township Trustees

Member, Board of Township Trustees

Member, Board of Township Trustees

Attest: Township Fiscal Officer

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Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Lt. Governor Jennette Bradley
Director

October 14, 2003

RYAN LOVE
210 E SANDUSKY ST
MECHANICSBURG, OH 43044

SITE: FORMER FILLING STATION
2X 1000 GASOLINE USTs
252 E SANDUSKY ST
MECHANICSBURG OH
CHAMPAIGN COUNTY
RELEASE #1 1009720-N00001

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Love:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this release. Based on this information, BUSTR requires no further action (NFA) involving closure requirements under Ohio Administrative Code (OAC) 1301:7-9-12, effective March 1999.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kelly J. Gill
Corrective Action Supervisor

cc: Site File
Chief Daryl J. Soltars, Mechanicsburg Fire Dept
Steven Schmidt, RS, Champaign Health District

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Over Corrective Action Release Report
Release 110009720-N00001 printed by Gill

Responsible Party
0

Person Reporting Release —

, OH

Release Location
110009720 - FORMER FILLING STATION

282 E SANDUSKY ST
MECHANICSBURG, OH 43044
Champaign

Release Information
Release Number: N00001
Date Reported: 7/3/03
Source: Closure
Content: Gasoline
Rules: 1999
Class: D
Deed Restriction: No
Date of Last Status Change: 10/14/03
LTF Code: 6 Closure of regulated UST

Site Information
Site/Area Type:
GW Flow: GW Depth:
Sensitive Area: No Wellhead Protection: No
Depth to Bedrock:
Cleanup Tech:

Contamination
Soil Contamination: No
Soil Category: Soil Class
Total Gal SPR:
Contaminant:
Above AL:

GW Contamination: No
Type of GW:
Alt DW supplied: No
Total Gal GW remediated
Contaminant:
Above AL:

Priority Tracking System
Soil: 2 <2x
Water: 2 <10x
Free Product: 3 Undetermined
Drinking Water: 4 Potential
Other: 3 Potential
Rating: 14

Printed on 10/14/03 at 4:56 PM

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Otter Corrective Action Release Report
Site Listing Update

CLOSURE OF 2X 1000 GASOLINE USTS, TANKS LAST USED , 1950'S REMINATES OF PIPING IN CAVITY.
CLOSURE BY PROPERTY OWNER, ASSUMED THAT DISPENSERS WERE ABOVE TANKS REMNANTS OF PIPING FOUND, SOILS WERE RETURNED TO TANK CAVITY AND REEXCAVATED 1 MONTH LATER AND SENT TO PETROCELL.

RECOMMEND NFA

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Site Updates 11009720

Facility-11009720 | Site Updates

- Release
  - N00001
- PCS
- Site Updates
- Enforcement Refe
- Letters
- CA Contacts

SITE UPDATES

Release # N00001

Closure #

PCS #

SITE UPDATE DETAIL

UpdateDate	UpdateUser	ReleaseId	Status	Class	Priority
10/14/2003 4...	Gil	N00001	NFA	D	2
10/14/2003 8...	Bauman	N00001	CNL	D	2
7/28/2003 3:...	Bauman	N00001	RPT	D	2

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Microsoft Word

AVANT Group, Inc.

8425 Woodfield Crossing Blvd., Suite 100, Indianapolis, IN 46240 • phone (317)469-7555 • fax (317)469-7559 • www.avantgp.com

August 28, 2003

AVANT Project Number IN03-180-10

Mr. Ray Bowman
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
PO Box 687
Reynoldsburg, Ohio 43068-9009

UST Closure Assessment Report
Former Filling Station
282 East Sandusky Street
Mechanicsburg, Champaign County, Ohio

Dear Mr. Bowman:

AVANT Group is pleased to provide you with two copies of this summary report and BUSTR Closure Forms documenting the UST Closure and removal of petroleum contaminated soils (PCS) at the above referenced facility.

This work has been performed in accordance with the Bureau of Underground Storage Tank Regulations for underground storage tank closure (OAC 1301:7-9-12) and a telephone conversation with you regarding PCS. The following report details the activities performed as part of this project. The BUSTR Closure form is provided in Appendix A along with the field inspection report filled out and signed by the onsite Certified Inspector.

Background

According to the property owner, Mr. Ryan Love, the property was previously occupied by a filling station along Sandusky Street, a k a. Highway 4. The filling station was estimated to be out of business in the mid 1950s. When the property was purchased circa 1975, the filling station building and pump islands were removed. The pump islands were reportedly above the UST's. To the best of Mr. Love's knowledge, the two USTs only contained gasoline.

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A visual site evaluation did not indicate evidence of past or present operational problems with the filling station or UST system. No evidence of surface soil staining, concrete patchwork, concrete staining, etc. was observed on the day of the UST closure.

Application for Permit

On July 2, 2003, an application for Underground Storage Tank permit was submitted to the Ohio Department of Commerce, Division of State Fire Marshal, for the removal of two 1,000-gallon gasoline USTs. A permit was issued by the Division of State Fire Marshal on July 3, 2003, (Permit #P00001) and is included in Appendix B.

Field Activities

On July 9, 2003, AVANT mobilized to the site for oversight of the removal of the two UST systems and soil sampling. The backfill material was excavated by Advanced Fuel Systems of Columbus, Ohio. The Certified Tank Installer at the site was Timothy L. Thickston (#63-25-0010). The Certified Inspector at the site during the UST removal was William G. Haas (#97-0064).

Upon uncovering the two 1,000-gallon USTs, it was found that the USTs contained an oily mixture of gasoline and water. Refuel, Inc. was contracted to remove the liquid waste and dispose of it offsite. Approximately 500 gallons of liquid wastewater were removed from the USTs and hauled offsite for disposal by Refuel. A copy of the Certificate of Generators Knowledge and the Service Receipt from Refuel documenting the receipt and disposal of the wastewater is included in Appendix C.

Upon removal of the wastewater from the USTs, the USTs were removed from the tank cavity. Tank 1, located on the west side of the tank cavity, appeared to be in good condition and free of holes. Tank 2, located on the east side of the tank cavity, had a few small holes in the top of the tank and some pits in the bottom of the tank. The USTs were cut and cleaned onsite and prepared for transport to Joyce Iron and Metal for disposal. A copy of the disposal documentation for the USTs is provided in Appendix D.

Upon removal of the USTs from the tank cavity, the remaining backfill materials were excavated and stockpiled onsite. The backfill materials were excavated until native soils were encountered. No more than 12 inches of the native materials from the sidewalls and bottom of the tank excavation were removed with the backfill. Upon successful removal of the backfill materials, the tank cavity was inspected for staining, etc. Slight staining was observed along the southeast corner of the tank cavity. A total of approximately 85 cubic yards of backfill material was removed from the tank cavity. The tank cavity measured approximately 13 feet north to south by 18 feet east to west and was approximately 8 feet deep.

Soils encountered in the tank cavity consisted of a brown to medium brown, slightly moist, Sandy Silty Clay (SC-CL). Two well log and drilling reports from two wells located within one block of the project site are included in Appendix E. Note that soil formations encountered from 0-10 feet included Clay and Gravel and Clay. Based on this information and visual identification of the soils at the project site, closure action levels for the silty clayey sands were used.

Four soil samples were collected from the bottom of the tank cavity. A new pair of disposable gloves was worn to collect each sample. One sample was collected from the north end of each tank, and one sample was collected from the south end of each tank. The grab samples were split into two components. One component of each sample was placed in its own plastic bag for field screening. The other component of each sample was placed into two 4-ounce, clear glass, wide-mouth jars sealed with Teflon-lined screw caps and placed on ice. Each of the four samples collected for field screening was allowed to volatilize for approximately 15 to 20 minutes. A photoionization detector (PID) calibrated with hexane was used for field screening. The probe of the PID was placed into the void space in each plastic bag and the total petroleum vapors were recorded in parts per million. The one sample with the highest PID reading was selected for laboratory analysis for benzene, toluene, ethylbenzene, xylenes, and methyl-tertiary-butyl-ether (BTEX/MTBE) by USEPA SW 846 Method 8021.

The stockpiled backfill material was visually divided into six separate sections for soil sampling. One grab sample was collected from each of the six sections of the stockpile. The same protocol discussed above for field screening and sampling the stockpile soils was applied. The sample with the highest PID reading was selected for laboratory analysis of BTEX/MTBE. All appropriate chain of custody protocols were instituted. A copy of the laboratory report is included in Appendix F. The results of the analyses are documented in the tables on page four of the closure form. Based on the field screening results, visual and olfactory inspection, the backfill material was placed back in the tank cavity and topped with clean fill from another portion of the property.

Laboratory Results

The soil sample selected for laboratory analysis from the bottom of the tank excavation was selected from the south end of Tank 2, located on the east side of the tank cavity. The analytical results indicated that concentrations of BTEX/MTBE were below the BUSTR Closure Action Levels for Silty/Clayey Sands.

The soil sample selected for laboratory analysis from the stockpiled backfill material had concentrations of benzene above the appropriate BUSTR Closure Action Level. All other analytical results were reported at concentrations below the action levels.

AVANT contacted Mr. Ray Bowman at BUSTR to discuss the options for the petroleum-contaminated backfill material. In a telephone conversation on July 31, 2003, it was

determined that the backfill materials could be removed from the site and disposed, since native soils did not appear to be impacted based on the analytical results of the tank cavity bottom sample.

Backfill Removal and Disposal

AVANT re-mobilized to the site on August 4, 2003, to obtain a sample of the backfill material to submit for waste-characterization analyses. A copy of the waste-characterization results are included in Appendix F.

On August 20, 2003, the backfill material was re-excavated from the tank cavity and placed in two semi-trailer trucks operated by Redbank for transport to the PetroCell land treatment cell in Washington Court House, Ohio. Waste-manifest documentation is included in Appendix G. Approximately 51.32 tons of petroleum-contaminated backfill material were removed from the tank cavity and transported for land treatment at PetroCell. As of the date of this report, no documentation has been received from PetroCell indicating the amount of soil received at their facility. A copy of the Service Form with this information will be forwarded to your office upon receipt.

Since the stockpile was re-introduced into the tank cavity after UST Closure and benzene was detected above the closure action levels, confirmation soil sampling was performed of soils on the sidewalls and bottom of the tank pit cavity upon removal of the backfill material. Four sidewall samples (one from each side of the tank cavity) and four bottom samples were collected for field screening and analysis. The bottom of the tank cavity was divided into quadrants and one sample was collected from each quadrant. All eight samples were portioned as previously discussed: One portion of each sample was placed in its own plastic bag for field screening, while the other portion was placed in a clear-glass jar and placed on ice for laboratory analysis.

The samples were field screened with a MiniRae Photoionization Detector (PID). Due to the moisture content of the soils and high humidity during sampling, the PID readings were elevated, as the MiniRae is highly sensitive to temperature and moisture. Visual and olfactory indications of impact were also used. The one sample from the sidewalls with the highest PID reading was selected for laboratory analysis. The one sample from the bottom of the tank cavity with the highest PID reading was selected for laboratory analysis. The following table shows the results of the field screening.

Date Collected	Sample ID	Location	Result	Submitted to Laboratory?
8/20/03	SW-N	North-central sidewall	450.4	No
8/20/03	SW-W	West-central sidewall	1300	Yes
8/20/03	SW-S	East side of the South sidewall (staining)	368.5	No
8/20/03	SW-E	East sidewall-central	144.4	No
8/20/03	S-1	Northeast quadrant of tank pit bottom	710.4	No
8/20/03	S-2	Southeast quadrant of tank pit bottom	810.2	No
8/20/03	S-3	Northwest quadrant of tank pit bottom	1300	Yes
8/20/03	S-4	Southwest quadrant of tank pit bottom	500.4	No

Two samples (SW-W, S-3) were selected for laboratory analysis for BTEX/MTBE by USEPA SW-846 Method 8260. The samples were submitted to Test America, Inc. in Dayton, Ohio, on August 20, 2003, under standard chain-of-custody protocols. The results of the analysis have not been received as of the date of this report. Upon receipt of the analyses, they will be forwarded to your office along with a summary of the results.

Please do not hesitate to contact me at (317) 469-7558 if you have any questions regarding this submittal.

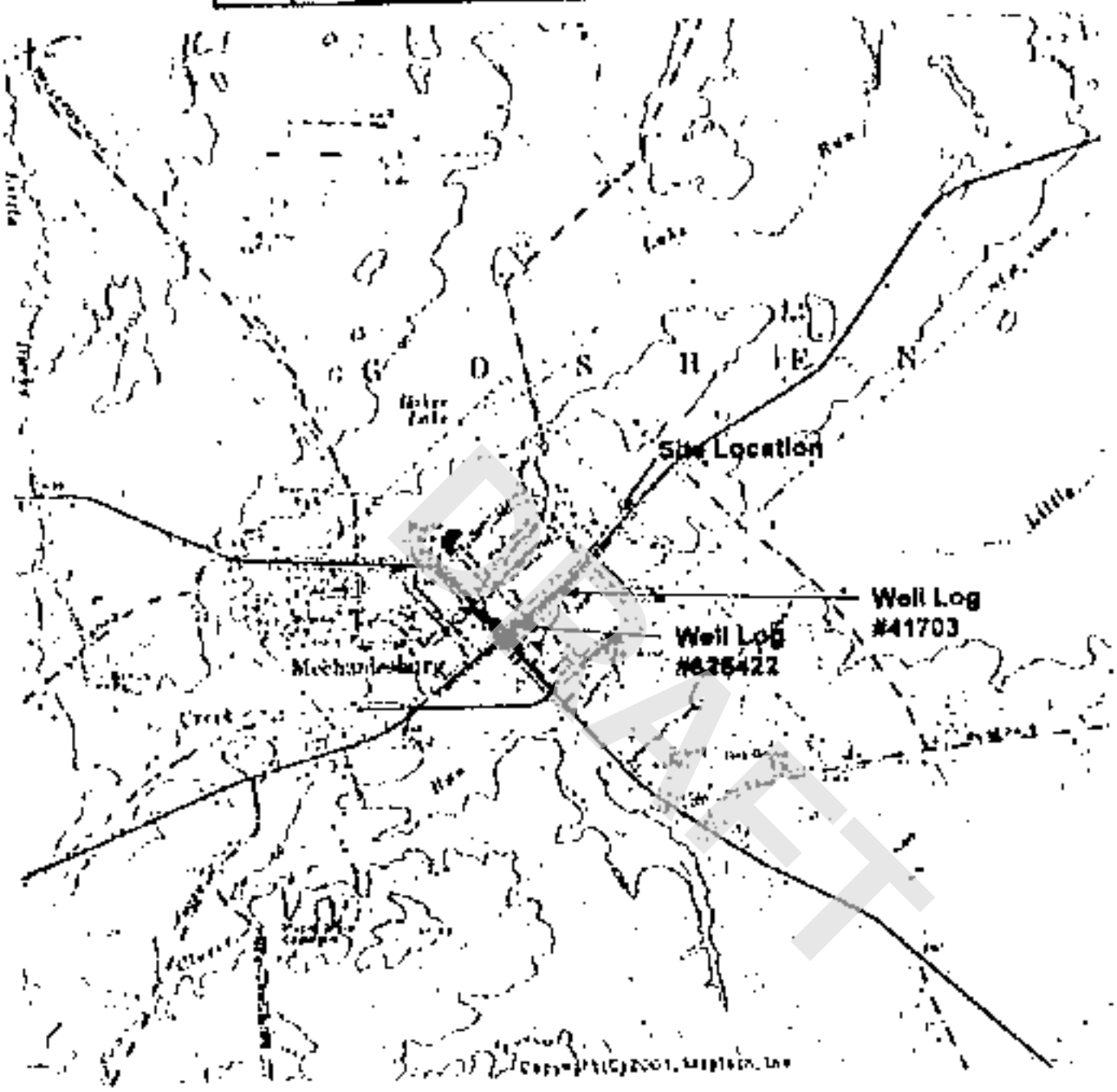
Sincerely,
AVANT Group

Angela D. Crump, CHMM
Project Manager

cc: Mr. Ryan Love, Chet's IGA
Attachments

AVANT Group

NO	DESCRIPTION OF CHANGE	DATE	BY	CHKD



Mechanicsburg, Ohio, 1961
7.5 Minute Series, USGS Topographic Map
Contour Interval 10 feet

0 1000' 2000' 3000'
SCALE: 1" = 2000'

AVANT Group Inc

TITLE	Site Location Map Former Filling Station Property 282 East Sandusky Street Mechanicsburg, Ohio
CLIENT	Chad's IGA, Ryan Love Mechanicsburg, Ohio
DRAWN BY ADC	DATE 7/2/03
CHECKED BY DJT	DATE 7/2/03
APPROVED BY	DATE 7/2/03
DRAWING NUMBER	
CONTRACT NUMBER IN03-180	TASK 10
EQ NO 1	

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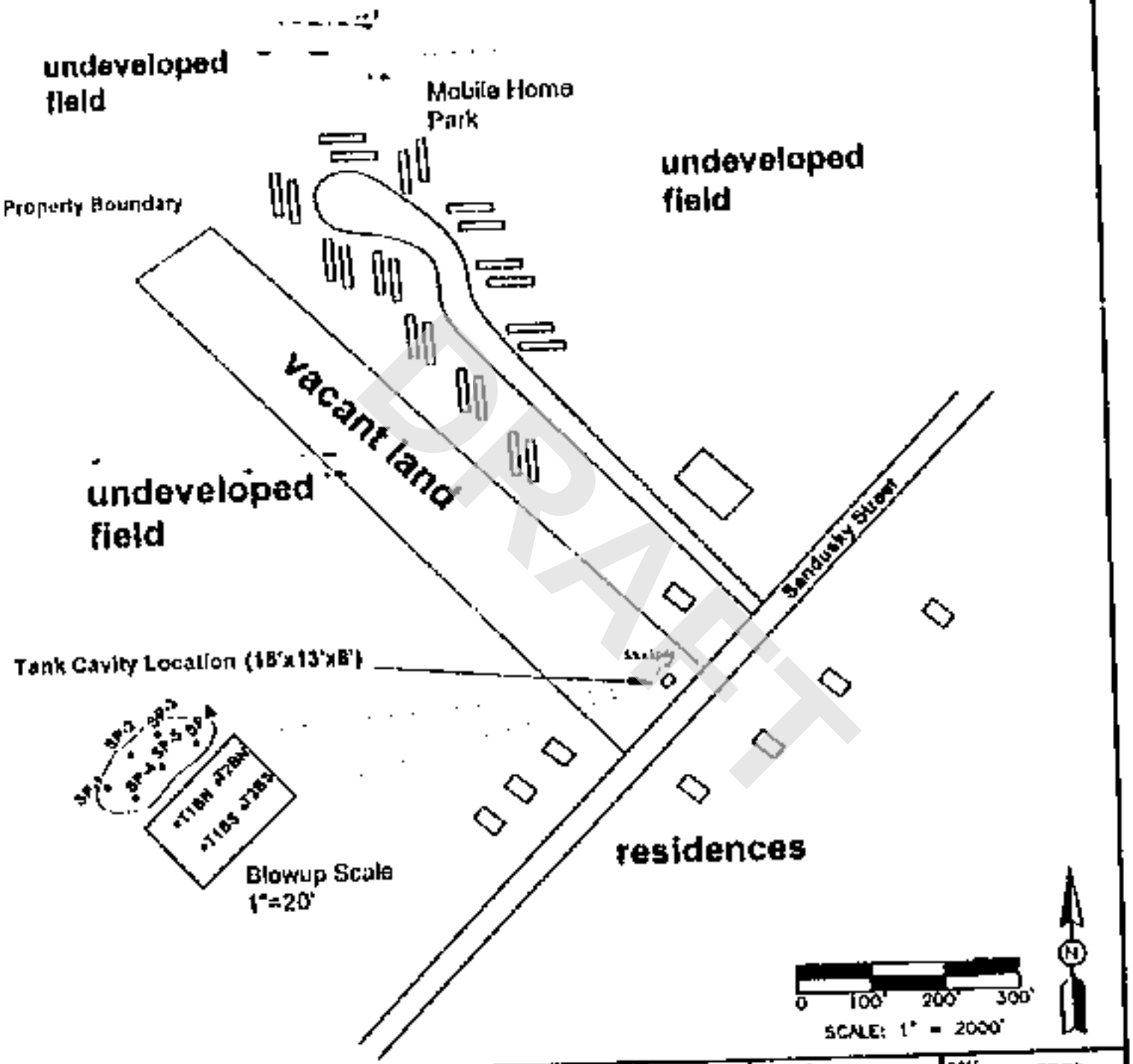
NO.	DESCRIPTION OF CHANGE	DATE	BY	CHKD



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AVANT Group, Inc

TITLE	Site Location Map Former Filling Station Property 262 East Sandusky Street Mechanicsburg, Ohio
CLIENT	Chet's IGA, Ryan Love Mechanicsburg, Ohio
DRAWN BY ADC	DATE 7/2/03
CHECKED BY DJT	DATE 7/2/03
APPROVED BY	DATE 7/2/03
DRAWING NUMBER	
CONTRACT NUMBER IN03-180	TASK 10
	EIC NO. 1

APPENDIX A

BUSTR CLOSURE FORM

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AVANT Group

BUSTR CLOSURE FORM

OWNER/OPERATOR AND FACILITY DATA:

OWNER INFORMATION:
NAME: Ryan Love
ADDRESS: 210 East Sandusky Street
CITY, STATE: Mechanicsburg, Ohio
ZIP: 43044
CONTACT PERSON: Ryan Love
PHONE #: (614) 563-0659

PERMIT #: P00001

FACILITY INFORMATION:
NAME: Former Filling Station
ADDRESS: 282 East Sandusky Street
CITY: Mechanicsburg
COUNTY: Champaign
OPERATOR: na
PHONE #: na
FACILITY ID#: 41009720
FIRE DEPARTMENT: Mechanicsburg Fire Dept
FDID #: 11-003

SITE HISTORY & VISUAL SITE EVALUATION:

According to the property owner, Mr. Ryan Love, the property was previously occupied by a filling station along Sandusky Street, aka Highway 4. The filling station was estimated to be out of business in the mid 1950s. When the property was purchased circa 1975, the filling station building and pump islands were removed. The pump islands were reportedly above the USTs. To the best of Mr. Love's knowledge, the two USTs only contained gasoline.

A visual site evaluation did not indicate evidence of past or present operational problems with the filling station or UST system. No evidence of surface soil staining, concrete patchwork, concrete staining, etc. was observed on the day of the UST closure.

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA:

TANK #	AGE	CAPACITY	PRODUCT	CONST. MATERIAL	TANK STATUS	HOLES VISUAL	PIPE STATUS	HOLES VISUAL	DISP.	DATE REMOVED
1	50	1000	gasoline	steel	R	No	above ground	No	No	7/2003
2	50	1000	gasoline	steel	R	No	above ground	No	No	7/2003

STATUS = TC-Temporary Closure RE-Replace R-Removed CIS-Currently In Use NA-Not Applicable
CIS-Change in Service A-Abandoned In Place

00000194

SAMPLE COLLECTION PROCEDURES:
SAMPLE PRESERVATION: Placed on ice for delivery to analytical laboratory

SAMPLING EQUIPMENT: Samples from the bottom of the tank excavation were collected via the excavator bucket. Stockpiled materials were hand sampled. All samples were grab samples

SAMPLING METHOD: The approximately 50 cubic yard stockpile was visually divided into six separate sections. One sample was randomly selected from an area within each of the six sections and collected at least 12 inches beneath the surface of the stockpile. Four samples were collected from beneath the tanks from the bottom of the excavation. One sample was collected from beneath the north end of each tank and one sample was collected from beneath the south end of each tank. All soil samples were divided into two portions during collection. One portion of each sample was placed in a plastic bag for field screening and one portion was placed in two clear glass wide-mouth jars with Teflon lined screw caps

FIELD SCREENING:
INSTRUMENT USED: Innova 8V Thermo Gas Tech Photoionization Detector
METHODOLOGY USED: The portion of the samples placed in plastic bags was allowed to volatilize for approximately 15 to 20 minutes prior to responding. The PID probe was inserted into the void spaces and results were recorded.

CALIBRATION PROCEDURES:
The PID was calibrated with Hexane by Steve Hampton, SL Hampton Construction, CUST

CIRCLE CORRECT CHOICE:

SENSITIVE AREA: YES / NO

DEPTH TO GROUNDWATER: <15' 15-30 31-50 >50' ACTUAL DEPTH_____
IF UNKNOWN DEPTH TO GROUNDWATER, DEFAULT TO <15' BGS

WAS WATER PRESENT IN EXCAVATION? YES / NO
WAS A WATER SAMPLE TAKEN? YES / NO
WATER SAMPLE COLLECTED AFTER EXCAVATION EVACUATED. YES / NO
IF NO EXPLAIN:

[redacted]

CIRCLE CORRECT CHOICE

SOIL CLASSIFICATION: SAND/GRAVEL SILTY/CLAYEY SANDS CLAY/SILT

SOIL SYMBOL: GW GP GM GC SW SP SM SC ML CL OL MH CH OH PT

ATTACH SIGNED BUS'R SOIL CLASSIFICATION CHART AS APPENDICIES

[redacted]

DATE SAMPLE COLLECTED	SAMPLE ID	LOCATION	DEPTH	FIELD SCREENING READING	SUBMITTED TO LAB? YES NO
7/8/03	T1BN	North end under Tank 1	6"	260	No
7/8/03	T1BS	South end under Tank 1	6"	40	No
7/8/03	T2BN	North end under Tank 2	6"	80	No
7/8/03	T2BS	South end under Tank 2	6"	370	Yes
7/8/03	SP-1	Westmouth end of stockpile		40	No
7/8/03	SP-2	Central/north end of stockpile		320	Yes
7/8/03	SP-3	East/north end of stockpile		0	No
7/8/03	SP-4	Southwest end of stockpile		180	No
7/8/03	SP-5	Southcentral end of stockpile		100	No
7/8/03	SP-6	Southeast end of stockpile		280	No

NAME AND AFFILIATION OF PERSON COLLECTING SAMPLES:
Ayers G Greer, CHMM, Project Manager, AVANT Group

A COPY OF THE CHAIN OF CUSTODY AND THE LABORATORY DATA SHEETS MUST BE ATTACHED AS AN APPENDIX

[redacted]

LABORATORY NAME: Test America, Inc
ADDRESS: 3601 South Dixie Drive Dayton, Ohio 45439
PHONE #: (937) 294-6656
LABORATORY ANALYST NAME: JEC, JFP, BMH, KSS
DATE SAMPLES RECEIVED BY LAB: 7/8/03
DATE SAMPLES ANALYZED BY LAB: 7/10/03, 7/10/03, 7/10/03

SAMPLE ID:	WATER	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		1295						
CHEMICAL OF CONCERN								TEST METHOD
BENZENE		0.0651						SW 846 8260
TOLUENE		0.0372						SW 846 8260
ETHYLBENZENE		1.460						SW 846 8260
TOTAL XYLENES		4.700						SW 846 8260
MTBE		<0.040						SW 846 8260
BENZO(a)ANTHRACENE								
BENZO(a)PYRENE								
BENZO(b)FLUORANTHENE								
BENZO(k)FLUORANTHENE								
CHRYSENE								
DIBENZ(a,h)ANTHRACENE								
INDENO(1,2,3-cd)PYRENE								
NAPHTHALENE								
TPH(C6-C20)	NA							
TPH(C20-C34)	NA							
OTHER:								

IF ACTION LEVELS ARE EXCEEDED, CONSULT A TOXICOLOGIST ACCORDING TO DHC 391-14.11(h)

STOCKPILE ID:	SP-2							
CUBIC YARDS:	70							
STOCKPILE DISPOSITION*	R							
CHEMICAL OF CONCERN								TEST METHOD
BENZENE	1.790							SW 846 8260
TOLUENE	3.950							SW 846 8260
ETHYLBENZENE	33.100							SW 846 8260
TOTAL XYLENES	80.700							SW 846 8260
MTBE	<0.170							SW 846 8260
BENZO(a)ANTHRACENE								
BENZO(a)PYRENE								
BENZO(b)FLUORANTHENE								
BENZO(k)FLUORANTHENE								
CHRYSENE								
DIBENZ(a,h)ANTHRACENE								
INDENO(1,2,3-cd)PYRENE								
NAPHTHALENE								
TPH(C6-C20)								
TPH(C20-C34)								
OTHER								

*R=RETURNED TO CUTT L=LANDFILL S=STOCKPILED T=TREATMENT/OTO

CONTINUED
REMAINDER OF PAGE

Jones Iron & Metal

UST SYSTEM DISPOSITION:
NAME: Joyce Iron & Metal
ADDRESS: 1281 Joyce Avenue
CITY/STATE/ZIP: Columbus, Ohio

PRODUCT DISPOSITION:
NAME: NA
ADDRESS:
CITY:
STATE/ZIP:
VOLUME/GALLONS:

WASTEWATER DISPOSITION:
NAME: Refuel, Inc.
ADDRESS: 4780 Groves Road
CITY: Columbus
STATE/ZIP: Ohio, 43213
VOLUME/GALLONS: 500 gallons

The Petroleum Contaminated Soil (PCS) Form must be completed (See Closure Packet, call BFM BUSTR, or visit our web site) The PCS laboratory data sheets must be attached to the PCS Form

ADDITIONAL INFORMATION, WHICH CLARIFIES CLOSURE ACTIVITIES, SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

COPY OF PERMIT & FIELD INSPECTION REPORT:
MUST BE ATTACHED

SITE MAP: Site maps, drawn to scale, must be attached. Maps should include property boundaries, street location, UST cavity dimensions, above ground structures, UST systems, adjacent properties, sample locations, water wells within 2000 feet of the site, any utilities, and the location(s) of previously closed UST systems.

CERTIFIED FIRE SAFETY INSPECTOR:
NAME: William G. Hare
COMPANY/ID: Independent Inspector
ADDRESS: 1000 North 8th Street, Martins Ferry, Ohio 43935
PHONE #: (740) 633-1111
INSPECTOR ID#: 97-0084

CERTIFIED INSTALLER:
NAME: 03-28-0010
ID#: 03-28-0010

Closure Form must be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the closure form is legible and complete.

OWNER/OPERATOR SIGNATURE: Ryan M. Love

PRINT NAME: Ryan M. Love **DATE:** 9-3-02

BUSTR CLOSURE ACTION LEVELS

Chemicals of Concern	SOIL			WATER	PCS Re-use
	Sand/Gravel	Silty/Clayey Sands	Clay/Silt		
Benzene	0.150[c1]	0.240[c1]	0.910[c1]	0.005[c1]	0.015
Toluene	58.700[c1]	112.000[c1]	520.000[c1]	1.000[c1]	5.880
Ethyl-benzene	71.100[c1]	131.000[c1]	230.000[c1]	0.700[c1]	7.110
Total Xylenes	1500.000[b]	1500.000[b]	1500.000[b]	10.000[c1]	72.400
MTBE	0.530[c1]	0.690[c1]	3.800[c1]	0.040[c1]	0.053
Benzo(a)-anthracene	5.500[c1]	5.500[c1]	5.500[c1]	NA	5.500
Benzo(a)-pyrene	0.550[b]	0.550[b]	0.550[b]	0.0002[c1]	0.550
Benzo(b)-fluoranthene	5.500[b]	5.500[b]	5.500[b]	NA	5.500
Benzo(k)-fluoranthene	55.000[b]	55.000[b]	55.000[b]	NA	1.970
Chrysene	550.000[b]	550.000[b]	550.000[b]	NA	1.270
Dibenz(a,h)-anthracene	0.550[b]	0.550[b]	0.550[b]	NA	0.550
Indeno(1,2,3-c,d) pyrene	5.500[b]	5.500[b]	5.500[b]	NA	0.150
Naphthalene	1800.000[b]	1800.000[b]	1800.000[b]	0.570[c1]	127.000

		SOIL SATURATION LIMITS		
GROUP I	Benzene	444.500	421.600	592.200
	Toluene	266.200	313.700	374.600
	Ethyl-benzene	149.300	178.800	213.000
	Total Xylenes	124.700	147.400	175.800
	MTBE	5,483.000	6,111.000	6,493.000
GROUP II (C10-C34) Total Petroleum Hydrocarbons (TPH)*		2000	10,000	20,000
GROUP III (C10-C34) Total Petroleum Hydrocarbons (TPH)*		5000	20,000	40,000

All values are in parts per million (ppm)
*TPH saturation limit from OEPA/VAP
Note: Soil action levels are the most conservative from all BUSTR tier 1 tables in Rule 13
Soil Pathways:
a: Ground Water Ingestion, b: Direct Contact, c: Soil to Drinking Water Leaching

10/25/99

BUSTR Recommended Laboratory Methods

Analytical Group	Chemicals of Concern	Lab methods for Soil	Lab methods for Water	Soil saturation determination
(1) Light Distillates C4-C10 (i.e. gasoline)	BTEX, MTBE	8021* or 8260*	8021* or 8260*	Saturation Equation
(2) Middle Distillates C10-C20 (i.e. kero, diesel, stoddard)	BTEX	8021* or 8260*	8021* or 8260*	TPH by 8015 (C10-C34)
	PNAs	8270 or 8310	8270** or 8310 or 525.2	
(3) Heavy Products C20-C34 (i.e. waste oil) & unknowns	BTEX, MTBE, VOCs	8260*	8260*	TPH by 8015 (C10-C34)
	PNAs	8270 or 8310	8270** or 8310 or 525.2	

The gas chromatographic analysis of TPH may be stopped when all peaks have eluted. Laboratory must quantify the amount of TPH that falls in the diesel range(C10-C20) and the oil range (C20-C34).
For method 8270, PNAs must be run for "base/neutral"(petroleum) components.
* MTBE is not a target compound in these methods and must be requested.
** A full liter of water may be required to obtain required detection limits.

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BUSTR SOIL CLASSIFICATION FORM

Major Divisions			Letter Symbol	Typical Description	BUSTR Class
Course Grained Soils (More than 50% of Material is Greater than #200 Sieve)	Gravel and Gravelly Soils (More than 50% of Coarse Fraction Retained on No 4 Sieve)	Clean Gravels (Little or No Fines)	GW	Well Graded Gravels, Gravel Sand Mixtures, Little or No Fines	Sand/ Gravel Soil
			GP	Poorly Graded Gravels, Gravel Sand Mixtures, Little or No Fines	
		Gravels With Fines (Appreciable Amount of Fines)	GM	Silty Gravels, Gravel Sand Silt Mixtures	
			GC	Clayey Gravels, Gravel Sand Clay Mixtures	
	Sand and Sandy Soils (More than 50% of Coarse Fraction Passing No 4 Sieve)	Clean Sand (Little or no fines)	SW	Well Graded Sands, Gravelly Sands, Little or No Fines	
			SP	Poorly Graded Sands, Gravelly Sands, Little or No Fines	
		Sands with Fines (Appreciable amount fines)	SM	Silty Sands, Sand Silt Mixtures	
			SC	Clayey Sands, Sand Clay Mixtures	Silty/ Clayey Sands Soil
Fine Grained Soils (More than 50% of Material is Smaller than #200 Sieve)	Silts and Clays	Liquid Limit <50	ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity	
			CL	Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	
			OL	Organic Silts and Organic Silty Clays of Low Plasticity	
	Silts and Clays	Liquid Limit >50	MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Soils	
			CH	Inorganic Clays of High Plasticity, Fat Clays	Clay/ Silt Soils
			OH	Organic Clays of Medium to High Plasticity, Organic Silts	
Highly Organic Soils			PT	Peat, Humus, Swamp Soils with High Organic Contents	

Pathway	Symbol	Pathway	Symbol
Direct Contact w/soil	DC	GW to Indoor Air	GW
Soil to GW Leaching	SGL	GW Ingestion	GW
Soil to Indoor Air	SIA	Soil to Non-GW Leaching	SNL

I have inspected the soil at: 852 E. Sedalia St. (address) Mechanicsburg (city) Ohio

Name (Printed): Angela D. Dunphy (Name of Classifier, Title, Firm Name) Project Manager Date: 7/9/03 AVANT Group

Signature:

Revised 11 06 00

STATE FIRE MARSHAL/BUSTR
PETROLEUM CONTAMINATED SOIL (PCS) FORM

This form should be completed and submitted within 90 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to treatment, whichever comes first.
A separate PCS form shall be completed for each stockpile generated.

OWNER/OPERATOR INFORMATION

OWNER/OPERATOR NAME: Ryan Love | CONTACT PERSON: Ryan Love | TELEPHONE: (614)-563-0699
CITY: Mechanicsburg | STATE: Ohio | ZIP CODE: 43044

FACILITY INFORMATION

FACILITY ID#: 11009720
FACILITY NAME: Former Filling Station
ADDRESS: 282 East Sandusky Street
CITY: Mechanicsburg, Ohio | ZIP CODE: 43044
TELEPHONE: (614) 563-0699 | CONTACT:

FACILITY WHERE SOILS WILL BE DISPOSED OF OR TREATED

FACILITY NAME: Petro Environmental Technologies (AtroCell)
ADDRESS: 7851 Palace Drive
CITY: Cincinnati | STATE: Ohio | ZIP CODE: 45249
DESCRIPTION OF WASTE: Stockpile from tank Cavity backfill

DATE STOCKPILE WAS GENERATED: 7/9/03 / re-excavated 9/24/03

Cubic Yards		(Check applicable)
	One Time Landfarming (OTL)	____on-site ____off-site
	Multiple Application Landfarming (MAL)	____on-site ____off-site
	Confined Treatment Area Process (CAT)	____on-site ____off-site
	Alternative Treatment Method (ALT)	____on-site ____off-site
	Soil analysis falls below Rule 16 re-use levels (RUL)	____on-site ____off-site
	Returned to excavation (below site specific action levels) (RTE BAL)	
	Returned to excavation (above site specific action levels) (RTE AAL)	
	Disposal at a landfill (LFL)	
53.32 tons	Disposal at a treatment facility (CDM)	
	Stockpile remains on-site (provide written explanation) (SOS)	

*********CONTINUED ON REVERSE SIDE*********

FOR OFFICE USE ONLY

REPORT #: _ _ _ _ _ _ - _ _ _ _

COMPLIANCE ALLEGED: ___ DISP. TREAT: ___ ___ EXC ON LIFE STAT: ___ PRO: ___ CLASS: ___ CIT: ___ CYDS: ___

IS QUALIFICATION MET: Y N | ARE SOILS ABOVE SITE SPECIFIC ACTION LEVELS?: Y N

REVIEWED BY: _____ DATE: _____

ENTERED BY: _____ DATE: _____

EM 5214 REVISED 6/2000

IF THIS IS TO BE TREATED BY THE OWNER/OPERATOR, COMPLETE THIS PAGE BY PROVIDING THE FOLLOWING INFORMATION:

1. A MAP OF THE LOCATION WHERE TREATMENT WILL TAKE PLACE. THE MAP SHOULD DEPICT PROPERTY BOUNDARIES, STREET LOCATIONS, ABOVE GROUND STRUCTURES, ETC. (REFER TO OAC §1301:7-9-16 FOR COMPLETE LIST.)

2. A BRIEF DESCRIPTION OF THE TREATMENT METHOD TO BE USED (INCLUDE ADDITIONAL PAGES IF NEEDED)

Backfill material not treated onsite

3. SIGNED WAIVER FORM FROM OFF-SITE OWNER PERSUANT TO OAC §1301:7-9-16 AS PROVIDED BY THE STATE FIRE MARSHAL IF ANY OF THE FOLLOWING APPLY:

- OFF-SITE TREATMENT LESS THAN 100 FEET FROM OFF-SITE DOMICILE
- ON-SITE TREATMENT LESS THAN 50 FEET FROM OFF-SITE DOMICILE
- ONE TIME LANDFARMING LESS THAN 30 FEET FROM OFF-SITE DOMICILE

4. THE FOLLOWING WRITTEN STATEMENT SIGNED BY THE UST OWNER OR OPERATOR AND SWORN TO OR ACKNOWLEDGED BY THE UST OWNER OR OPERATOR BEFORE A NOTARY PUBLIC:

"I STATE UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF (PLEASE CHECK ONE)

_____ THE ON-SITE TREATMENT AT THE UST SITE DESCRIBED ABOVE

_____ THE OFF-SITE TREATMENT AT THE LOCATION DESCRIBED ABOVE

HAS AND SHALL BE CONDUCTED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF CHAPTER 1301:7-9 OF THE ADMINISTRATIVE CODE, INCLUDING BUT NOT LIMITED TO RULES 1301:7-9-16 AND 1301:7-9-17 OF THE ADMINISTRATIVE CODE."

_____ _____ _____

OWNER OPERATORS NAME (TYPED OR PRINTED) SIGNATURE DATE

SUBSCRIBED AND DULY SWORN BEFORE ME ACCORDING TO LAW, BY THE ABOVE NAMED APPLICANT

THIS ___ DAY OF _____ 20___ AT _____,

COUNTY OF _____ AND STATE OF _____.

SIGNATURE OF NOTARY PUBLIC _____

OFFICIAL TITLE _____

DRAFT

DRAFT

APPENDIX B

PERMIT FOR PERMANENT UST REMOVAL
FIELD INSPECTION REPORT

AVANT

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Testing & Registration
6606 Tussing Road • P.O. Box 529
Reynoldsburg, OH 43068
(614) 752-7126 FAX (614) 995-4206
www.com.state.oh.us

Bob Taft
Governor

Lt. Gov. Jennette Bradley
Director

PERMIT FOR UNDERGROUND STORAGE TANKS

Permit Number: P00001
Issue Date: 7/3/03

I. OWNERSHIP OF TANKS — OWNER NO. W022004

RYAN LOVE
219 E SANDUSKY ST
MECHANICSBURG, OH 43044

CONTACT PERSON RYAN LOVE
PHONE (614)563-0679

II. LOCATION OF TANKS — FACILITY NO 11009720

FORMER FILLING STATION
282 E SANDUSKY ST
MECHANICSBURG OH 43044
COUNTY: CHAMPAIGN
PHONE

III. CONTRACTOR INFORMATION

KATHY CLEARINGER
Advance Fuel Systems
841 ALTON AVE
COLUMBUS, OH 43219
PHONE (614)252-8422

IV. LOCAL FIRE DEPARTMENT INFORMATION

Mechanicsburg Fire Dept
18 N Main St
Mechanicsburg, OH 43044-9536

V. CONDITIONS OWNER'S COPY OF PERMIT MUST BE AVAILABLE ON JOB SITE.
PERMIT EXPIRES SIX (6) MONTHS FROM DATE OF ISSUE. FEE IS NON-REFUNDABLE.
AS A CONDITION OF THIS PERMIT, AN INSPECTOR MUST BE ON THE JOB SITE.

VI. PERMIT ISSUED FOR

REMOVALS/ABANDONMENTS:
[101] TANK(S): N/A [102] PIPING: N/A [103] TOTAL SYSTEMS: 2

INSTALLATIONS:
[201] TANK(S): N/A [202] PIPING: N/A [203] TOTAL SYSTEMS: N/A

REPLACEMENT:
[301] TANK(S): N/A [302] PIPING: N/A [303] TOTAL SYSTEMS: N/A

REPAIRS:
[401] TANK(S): N/A [402] PIPING: N/A [403] TOTAL SYSTEMS: N/A

UPGRADES:
[501] TANK(S): N/A [502] PIPING: N/A [503] TOTAL SYSTEMS: N/A
[504] LEAK DETECTION: N/A

TEMPORARY CLOSURE:
[601] SYSTEMS: N/A
[701] SYSTEMS: N/A

CHANGE IN SERVICE:

[illegible] ONLY
DATE 07-11-2003

Certified Inspector's Name [illegible]
Certified Inspector's Signature [illegible]
NO 97-0064

DRAFT

Ohio Bureau of Underground Storage Tank Regulations Inspection Field Report
For Removals/Abandonments, Replacements and Changes in Service
www.com.state.oh.us/osfm/ 800-686-2876

Inspection Preliminary [ ] Final [X]
Permit Issuance Date 7/31/01

Facility # 11009720
Permit # 000001

Ownership of Tanks:
Ryan Love
201 E. Sandusky St.
Mechanicsburg, OH 43044
Contact: Ryan Love
614-565-0154

Location of Tanks:
Fountain Filling Station
201 E. Sandusky St
Mechanicsburg OH 43044
County: Champaign

Sensitive Area: Yes [ ] No [X]

Tank/System Information:	Tank # 1 / Cavity # 1	Tank # 2 / Cavity # 1	Tank # / Cavity #	Tank # / Cavity #
Inspection Code	103	103		
Inspection Description	Removal	Removal		
Date Last Used	Unk	Unk		
Capacity (gallons)	1000	1000		
Product Stored	Gasoline	Gasoline		
Tank Construction	Steel	Steel		
Piping Construction	Steel	Steel		
Pressure, Suction or Gravity Piping	Suction	Suction		
LEL-02 (mL or %)	4	0		
Tank Cleaned to S.W.	(Yes) or No	(Yes) or No	Yes or No	Yes or No
Holes in Tank	Yes or (No)	(Yes) or No	Yes or No	Yes or No
Holes in Piping	Yes or (No)	Yes or (No)	Yes or No	Yes or No
Cavity Appearance*	O, ST	O, ST		
Piping Run Appearance*	over Cavity	over Cavity		
Remark Dispenser Appearance*	over Cavity	over Cavity		
Abandon-in-place	Yes or (No)	Yes or (No)	Yes or No	Yes or No
Abandon-in-place Approval Obtained	Yes or No	Yes or No	Yes or No	Yes or No

Remarks: Note: According to owner Tanks have not been used since 1990's
Removal of Piping in Cavity
Holes on Top of Tank #2
Less than 6inches of Product #2
Tanks Out of Use and Closed on Site

Fluid code: O = Oil, W = Water, SL = Sludge, FP = Free Product, SH = Sheen

Certified Installer Number CI-25-0010
Certified Installer Name (printed) Timothy L. Hughestone
Certified Installer Signature T. L. Hughestone
Date 7/9/01

Certified Inspector Number 97-0064
Certified Inspector Name (printed) William C. Hess
Certified Inspector Signature William C. Hess
Date 7/31/01 Hours on Site

UM 5219 Revised 01/01 Distribution White – Agency Copy Canary – Owner Copy Pink – Inspector Copy

DRAFT

DRAFT

APPENDIX C

DOCUMENTATION REGARDING TANK LIQUID DISPOSAL

AVANTI

REFUEL® INC.

ENVIRONMENTAL SERVICES DIVISION

Document Number:

4280 Groves Road • Columbus, Ohio 43232
614.863.9724 • Fax 614.863.9722

Service Receipt

Date: 7/9/2003

Generator

THICKSTUN BROTHERS
282 E SANDUSKY ST
MECHANICSBURG, OHIO
TIM THICKSTUN — 614-252-8422

- Oil/Water Separator Cleaning-High Pressure Water Blasting
- Waste Disposal; Sludge, Water, & Oil
- Full EPA Compliance and Permitting
- Hazardous Material Coded Full ASME and DOT
- Full Insurance Coverage including Environmental Impairment

Billing

THICKSTUN BROTHERS
881 ALTON AVE.
COLUMBUS, OHIO 43219

Destination Facility

REFUEL, INC.
4280 GROVES RD
COLUMBUS, OHIO 43232
614-863-9724 — OHR000036160

Total Gallons	# Drums	US DOT Description	Halogen Test
500 -		USED OIL/WATER & DIRT MIXTURE (NOT USDOT REGULATED) FLASH POINT > 200 DEGREES	N/D ppm
			N/D ppm
			N/D ppm
			N/D ppm

Other Services	US DOT Description

Carrier certifies that cargo tank supplied for this shipment is a dedicated container for the transportation of this commodity.

Additional Descriptions for Materials Listed Above

Transporter

Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date
HAROLD BRYANT	Harold Bryant	7-9-03

EPA ID #: OHR000036160

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date

EPA ID #:

Generator's Certification: *I certify the materials described above on this manifest are not subject to federal regulations for Hazardous Waste.*

Printed/Typed Name	Signature	Date
X Ryan A. Lee		7-9-03

Facility Owner's Certification of Receipt of materials

Printed/Typed Name	Signature	Date

DRAFT

Certificate of Generators Knowledge

A. Waste Generator Information

1 Generator's Name: Thielsen Bros
3 Facility Street Address: 282 E Broadway ST
5 Facility City: Mechanicsburg
7 Zip Postal Code:
9 Country: USA
11. Customer Number: Thielsen Bros
13 Customer Contact: Tim Thielsen
15 Billing Address: 9 Alternate Wright Ohio 43311

2 SIC Code:
4 Phone: 614-2528422
6 State/Province: Ohio
8. Generator USEPA/Fed ID#:
10 State/Province ID#: None
12. Customer Phone: Same
14 Customer Fax:
16 Same as Above

B. Waste Stream Information

1 Description
a Name of Waste: Used oil filters
b Physical Composition of Waste: old filters

c Color	d Strong Odor (describe)	e Physical State @ 70° F	f Layers	g Free Liquid Range
Brown	NO	☐ Solid ☒ Liquid ☐ Gas ☐ Sludge ☐ Other	☒ Single Layer ☐ Multi Layer	0 to 10%
				g pH: Range 3 to 7

h Liquid Flash Point: ☐ <73° F ☐ 73 - 99° F ☐ 100 - 139° F ☐ 140 - 199° F ☒ ≥ 200° F ☐ Not Applicable

i Chemical Composition (List all constituents (including hydrocarbons, halogens, metals, and PAC's) present in this waste stream and typical representative analysis)

Constituents	Concentration Range	Constituents	Concentration Range

C. Generator's Certification (Please check appropriate responses, sign, and date below)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2 ☐ Yes ☒ No
a If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U)
b Is it a characteristic hazardous waste, do any underlying waste constituents (UHCs) apply? ☐ Yes ☐ No
(If yes, list in section B.1.j) ☐ Yes ☐ No
c Does this waste contain debris? (If yes, list size and type in Chemical Composition - B.1.) ☐ Yes ☒ No

2 Is this a state hazardous waste?
Identify ALL state hazardous waste codes:

3 As the generator of the aforementioned waste, we have reviewed the physical facilities, administrative practices and operational procedures at our facility, and based on this review, do willing make the certification that material being disposed of is not a hazardous waste, nor has been mixed with hazardous waste

Signature

7-8-03
Date

DRAFT

DRAFT

APPENDIX D

UST DISPOSAL DOCUMENTATION

(cut here)

Disposal Facility ... LITE FARMS METAL

Tank Identification 1 CAR GASOLINE/DIESEL STEEL

We have accepted the tank noted above for scrapping at our facility.

(signed - Disposal Facility Representative)

(upper part to Disposal Facility - lower part to project file)

form:.TANKDISP 6/93

DRAFT

ATTN:
ANGELA KRUM
FAX 312/469755

APPENDIX E

WATER WELL LOGS WITHIN 2,000 FEET

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.brown@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

Well Log Number: 625422 [redacted]

ORIGINAL OWNER AND LOCATION

Original Owner Name: *ROGER BRUKE* **Lot Number:**
County: *CHAUPAUGN* **Township:** *GOSHEN* **Section Number:**
Address: *1705 ANDUSKY STREET*
City: **State:** *OH* **Zip Code:**
Location Number: **Location Map Year:** **Location Area:**

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: *6 in* **Total Depth:** *92 ft* **Depth to Bedrock:**
Well Use: **Casing Thickness:** **Casing Length:** *92 ft*
Aquifer Type: *GRAVEL* **Screen Length:** **Date of Completion:** *7/30/03*
Driller's Name: *EATON WELL DRILLING*

WELL TEST DETAILS

Static Water Level: *0 ft* **Test Rate:** *30 gpm* **Associated Reports**
Drawdown: **Test Duration:** *1 hrs* NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	- 10
SAND	10	- 71
CLAY	71	- 85
GRAVEL	85	- 90
CLAY	90	- 92

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.brown@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

[redacted]

Well Log Number: 41703

ORIGINAL OWNER AND LOCATION

Original Owner Name: *JAMES HUNT* **Lot Number:**
County: *CHAMPAIGN* **Township:** *GOSHEN* **Section Number:**
Address: *34 KENDUSKY STREET*
City: **State:** *OH* **Zip Code:**
Location Number: *37* **Location Map Year:** *1943* **Location Area:**

CONSTRUCTION DETAILS

Borehole Diameter: **Total Depth:** *83 ft* **Depth to Bedrock:**
Casing Diameter: *4.25 in* **Casing Thickness:** **Casing Length:** *83 ft*
Well Use: **Screen Length:** **Date of Completion:** *4/6/28*
Aquifer Type: *SAND AND GRAVEL* **Driller's Name:** *HUSTONG CHARLES BUNTIN*

WELL TEST DETAILS

Static Water Level: *43 ft* **Test Rate:** *3 gpm* **Associated Reports:**
Drawdown: *0 ft* **Test Duration:** *3 hrs* NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	4
GRAVEL & CLAY	4	20
CLAY	20	60
SAND & CLAY	60	82
SAND & GRAVEL	82	83
WATER AT	83	83

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.brown@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

[redacted]

Well Log Number: 127773

ORIGINAL OWNER AND LOCATION

Original Owner Name: *NINA REESE* **Lot Number:**
County: *CHAMPAIGN* **Township:** *URBANA* **Section Number:** *30*
Address: *SUNSET AVENUE*
City: **State:** *OH* **Zip Code:**
Location Number: *333* **Location Map Year:** *1962* **Location Area:**

CONSTRUCTION DETAILS

Borehole Diameter: **Total Depth:** *32 ft* **Depth to Bedrock:**
Casing Diameter: *5 5 in* **Casing Thickness:** **Casing Length:** *32 ft*
Well Use: **Screen Length:** **Date of Completion:**
Aquifer Type: *GRAVEL* **Driller's Name:** *ADAMS DRILLING CO*

WELL TEST DETAILS

Static Water Level: *21 ft* **Test Rate:** *30 gpm* **Associated Reports**
Drawdown: *2 ft* **Test Duration:** *1 hrs* NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	6
GRAVEL	6	32
WATER AT	21	26

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.lyman@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

[redacted]

Well Log Number: 127792

ORIGINAL OWNER AND LOCATION

Original Owner Name: BLANCHE APPLETON Lot Number:
County: CHAMPAIN
Address: KINSMAN AVENUE Township: URBANA Section Number: 30
City:
Location Number: 13A State: OH
Zip Code:
Location Map Year: 1962 Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:
Casing Diameter: 5.5 in Total Depth: 36 ft Depth to Bedrock:
Well Use: Casing Thickness: Casing Length: 36 ft
Aquifer Type: GRAVEL Screen Length: Date of Completion: 07/54
Driller's Name: ADAMS DRILLING CO

WELL TEST DETAILS

Static Water Level: 24 ft
Drawdown: 2 ft Test Rate: 7 GPM
Test Duration: 0.5 hrs

Associated Reports
NONE

COMMENTS:

WELL LOG

Formations

	From	To
CLAY	0	5
GRAVEL	5	24
GRAVEL	24	36
WATER AT	36	36

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.brown@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

Well Log Number: 127793

[redacted]

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BLANCHE APPLETON* **Lot Number:**
County: *CHAMPAIGN* **Township:** *URBANA* **Section Number:** *30*
Address: *SANDUSKY AVENUE*
City: **State:** *OH* **Zip Code:**
Location Number: *134* **Location Map Year:** *1962* **Location Area:**

CONSTRUCTION DETAILS

Borehole Diameter: **Total Depth:** *33 ft* **Depth to Bedrock:**
Casing Diameter: *5 in* **Casing Thickness:** **Casing Length:** *33 ft.*
Well Use: **Screen Length:** **Date of Completion:** *WW34*
Aquifer Type: *GRAVEL* **Driller's Name:** *MOATS DRILLING CO*

WELL TEST DETAILS

Static Water Level: *22 ft* **Test Rate:** *7 gpm* **Associated Reports**
Drawdown: *3 ft* **Test Duration:** *0.5 hrs* NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	5
GRAVEL	5	33

DRAFT

Water Well Log and Drilling Report
Ohio Department of Natural Resources
Division of Water
Phone: 614-265-6740
email: steve.brown@dnr.state.oh.us
Water Home: http://www.dnr.state.oh.us/water

WELL LOG AND DRILLING REPORT

Well Log Number: 141278 [redacted]

ORIGINAL OWNER AND LOCATION

Original Owner Name: *BLANCHE APPLETON* **Lot Number:**
County: *CHAMPAIGN* **Township:** *URBANA* **Section Number:** *30*
Address: *SANDUSKY AVENUE*
City: **State:** *OH* **Zip Code:**
Location Number: *133* **Location Map Year:** *1962* **Location Area:**

CONSTRUCTION DETAILS

Borehole Diameter: **Total Depth:** *33 ft* **Depth to Bedrock:**
Casing Diameter: *3 3 in* **Casing Thickness:** **Casing Length:** *33 ft*
Well Use: **Screen Length:** **Date of Completion:**
Aquifer Type: *SAND AND GRAVEL* **Driller's Name:** *WHITS DRILLING CO*

WELL TEST DETAILS

Static Water Level: *23 ft* **Test Rate:** *10 gpm* **Associated Reports:**
Drawdown at *3 ft* **Test Duration:** *0 5 hrs* NONE

COMMENTS:

WELL LOG

Formations	From	To
CLAY	0	4
GRAVEL & CLAY	4	23
SAND & GRAVEL	23	33
WATER AT	33	33

DRAFT

APPENDIX F

LABORATORY ANALYTICAL REPORTS (7/9/03, 8/4/03)

DRAFT

TestAmerica Analytical Testing Corporation

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 01.14606
Report Date: 07/22/2003

Enclosed is the Analytical and Quality Control Reports for the following samples submitted to TestAmerica for analysis:

Project: IN01-180-10/MECHANICSBURG

Sample Number	Sample Description	Date Taken	Date Received
858797	T2B8	07/09/2003	07/09/2003
858798	SP-2.	07/09/2003	07/09/2003

DRAFT

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this report is permitted only in its entirety.

Enclosure

Project Management Approval

Kim Sandrick

TestAmerica Analytical Testing Corporation

Notes and Comments

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Sample Number: 858798

Analysis: 8260

Due to matrix interference, the recovery of surrogate d8-toluene was out of control range.

DRAFT

Testamerica Analytical Testing Corporation
Analytical Report

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.14606
Report Date: 07/22/2003

SAMPLE NO. 858797 **SAMPLE DESCRIPTION** T2BS **DATE/TIME TAKEN** 07/09/2003 13:00

	Result	Units	Reporting Limit	Detection Limit	Flag	Run Date	Run Type	Prep Batch	Run Seqno	Anal. Inst.	Lab ID	Method Reference
NITROAROMATICS 8270 NON AQUEOUS											LT	
HMX	<13	ug/kg	67			07/15/2003			358	jac	CT	SW 8270C
Benzene	65.1	ug/kg	26			07/10/2003			358	jac	CT	SW 8260B
Ethylbenzene	1,440	ug/kg	270			07/11/2003			366	jac	CT	SW 8260B
Toluene	11.2	ug/kg	19			07/11/2003			363	jac	CT	SW 8260B
Xylenes, Total	4,700	ug/kg	258			07/11/2003			364	jac	CT	SW 8260B
Surrogate:1,4-Difluorobenzene	84	%	48 238			07/11/2003			358	jac		SW 8260B
Surrogate:4-Bromofluorobenzene	83	%	66 228			07/11/2003			358	jac	CT	SW 8260B
Surrogate:Toluene-d8	117	%	81 117			07/10/2003			365	jac	CT	SW 8260B
Surrogate:Dibromofluoromethane	171	%	74 183			07/11/2003			358	jac	CT	SW 8260B

DRAFT

Lab ID: CH = Chicago (Chicago), ET = Dayton, IN = Indianapolis, PT = Pontiac, SUB = Subcontracted, CLT = Client Data

Testamerica Analytical Testing Corporation

Analytical Report

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Job Number: 03.14606
Report Date: 07/22/2003

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
958734	SP-2	07/09/2003 14:00

	Result	Units	Reporting Limit	Detection Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
[illegible]											CT	
[illegible]	<170	ug/Kg	<170			07/15/2003			109	[illegible]	CT	SW 8260B
[illegible]	1,750	ug/Kg	<42			07/19/2003			108	[illegible]	CT	SW 8260B
[illegible]	11,100	ug/Kg	<170			07/19/2003			106	[illegible]	CT	SW 8260B
Toluene	3,950	ug/Kg	<42			07/19/2003			108	[illegible]	CT	SW 8260B
Xylenes, Total	62,700	ug/Kg	<250			07/19/2003			106	[illegible]	CT	SW 8260B
Surrogate 4-Br fluorobenzene	91	%	85-120			07/19/2003			108	[illegible]	CT	SW 8260B
Surrogate Dibromofluoromethane	97	%	85-115			07/19/2003			108	[illegible]	CT	SW 8260B
Surrogate Toluene-D8	110	%	85-117		*	07/19/2003			108	[illegible]	CT	SW 8260B
Surrogate 1,2-Dichloroethane-D4	124	%	76-131			07/19/2003			108	[illegible]	CT	SW 8260B

* Surrogate is outside of control limits

Lab ID: CT = Chicago (Chesterfield), IN = Indianapolis, KS = Kansas City, MO = St. Louis, NC = Asheville, CLP = Client Data

TestAmerica Analytical Testing Corporation
Quality Control Report
Continuing Calibration Verification

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Job Number: 03.14606
Report Date: 07/22/2003
Page: 5 of 8

Analyte	Run Batch Number	CCV True Conc.	CCV Conc. Result	% Rec	Control Limits
[illegible]					
[illegible]	173	50.0	49.6	99	
[illegible]	173	50.0	48.7	97	
[illegible]					
[illegible]	364	50.0	51.9	130	
Xylenes, Total	364	150	151	101	
[illegible]					
[illegible]	446	50.0	55.4	111	
Xylenes, Total	446	150	155	103	
[illegible]					
[illegible]	128	50.0	48.3	97	
[illegible]	128	50.0	49.0	98	

DRAFT

TestAmerica Analytical Testing Corporation

Quality Control Report

Blanks

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.14606
Report Date: 07/22/2003

Analyte	Prep Batch Number	Run Batch Number	Blank Result	Units	Date Prepped	Date Analyzed
[illegible]						
[illegible]		134	<1.0	ug/Kg		07/15/2003
[illegible]		134	<1.0	ug/Kg		07/15/2003
[illegible]		134	<1.0	ug/Kg		07/15/2003
[illegible]		134	94	%		07/15/2003
[illegible]		134	96	%		07/15/2003
[illegible]		134	92	%		07/15/2003
[illegible]						
[illegible]		134	<1.0	ug/Kg		07/17/2003
[illegible]		134	<1.0	ug/Kg		07/17/2003
[illegible]						
[illegible]		134	<1.0	ug/Kg		07/18/2003
[illegible]		134	<1.0	ug/Kg		07/18/2003
[illegible]						
[illegible]		134	<24.0	ug/Kg		07/16/2003
[illegible]		134	<5.0	ug/Kg		07/15/2003
[illegible]		134	<1.0	ug/Kg		07/15/2003
[illegible]		134	94	%		07/15/2003
[illegible]		134	104	%		07/15/2003
[illegible]		134	106	%		07/15/2003

TestAmerica Analytical Testing Corporation

Quality Control Report

Laboratory Control Standard

Mr. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

[illegible] Dups to not apply to all parameters and are used in place of which for precision determinations when sample volume is obtainable for spiking a client sample

Analyte	Prep Batch No.	Run Batch No.	Date Analyzed	LCS True Conc	LCS % Conc Found	LCSD % Conc Rec.	LCSD Found	RPD	% Rec. Control Limits	RPD Limit
[illegible]		103	07/11/2003	25.0	17.9	88				
[illegible]		109	07/13/2003	25.0	16.9	86				
[illegible]		103	07/11/2003	50	51.1	126				
[illegible]		109	07/13/2003	50	43.7	99				
[illegible]		109	07/14/2003	50	47.3	95				
[illegible]										
[illegible]		106	07/14/2003	25.0	22.9	116				
[illegible]		106	07/14/2003	50	44.2	120				
[illegible]										
[illegible]		106	07/15/2003	20.0	19.0	95				
[illegible]		106	07/15/2003	40	44.9	122				
[illegible]										
[illegible]		108	07/15/2003	20.0	18.0	90				
[illegible]		108	07/15/2003	25.0	16.9	94				
[illegible]		108	07/15/2003	50	48.0	96				
[illegible]		108	07/15/2003	40	41.2	122				
[illegible]		108	07/15/2003	50	51.9	127				

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Matrix Spike/Matrix Spike Duplicate

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 300
Indianapolis, IN 46240

Job Number: 03.14606
Report Date: 07/22/2003

Analyte	Sample Number	Prep Batch Number	Run Batch Number	Sample Result	Units	MS Spike Amount	MS Result	MS % Rec	MSD Spike Amount	MSD Result	MSD % Rec	RPD	MS/MSD % Rec Limits	RPD Limit	Flags
BTEX/MTBE 8260 WDR AQUEOUS	840123														
Benzene	839529		104	<5.0	ug/kg	25.0	26.0	104	25.0	26.0	99	21			
Toluene	839528		103	<5.0	ug/kg	25.0	17.0	91	25.0	24.0	82	8.6			
BTEX/MTBE 8260 WDR AQUEOUS	839134														
Ethylbenzene	838836		104	10.5	ug/kg	25.0	28.0	69	25.0	31.0	82	10			3
Xylenes, Total	838836		104	112	ug/kg	66	111	52	66	162	80	0.1			3
BTEX/MTBE 8260 WDR AQUEOUS	839963														
Ethylbenzene	839963		106	209	ug/kg	25.0	175	0	25.0	119	95	0.1			3
Xylenes, Total	839963		106	526	ug/kg	66	468	8	66	694	9	17			3
BTEX/MTBE 8260 WDR AQUEOUS	841341														
Benzene	841341		100	0.0	ug/kg	25.0	21.0	91	25.0	25.0	101	0.3			
Toluene	841341		100	<5.0	ug/kg	25.0	19.0	95	25.0	19.0	95	0.0			

$- Target analyte exceeds upper end of curve.
3 - Prec. MS and MSD recovery outside of control limits.

DRAFT

TestAmerica

Indianapolis Division
Phone: 317-842-
Fax: 317-842-

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name
Client #
Address
City/State/Zip Code
Project Manager
Telephone Number
Sampler Name (Print Name)
Sampler Signature
Project Name
Project #
State Location ID
Report To
Invoice To
Quote #
PO#

Matrix | Preservation Used | Analysis For

SAMPLE ID	Date Sampled	Time Sampled	# of Containers	Filtered	Matrix																			RESULTS

Special Instructions:

Relinquished By	Date	Time	Received By	Date	Time
Relinquished By	Date	Time	Received By	Date	Time
Relinquished By	Date	Time	Received By	Date	Time

COOLER TEMPERATURE COMPLIANCE
Cooler Temp.
Blue Lab Temp.
Custody Seals Intact?
Received in Good Condition?
Method of Shipment

DRAFT

TestAmerica Analytical Testing Corporation

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Job Number: 03.16591
Report Date: 08/12/2003
Page: 1 of 8

Enclosed is the Analytical and Quality Control Reports for the following samples submitted to TestAmerica for analysis:

Project: IN03-150-20/MECHANICSBURG

Sample Number	Sample Description	Date Taken	Date Received
866495	MC-1	08/04/2003	08/04/2003

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this report is permitted only in its entirety.

Enclosure

Project Management Approval

DRAFT

TestAmerica Analytical Testing Corporation

Analytical Report

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Job Number: 03.16591
Report Date: 08/12/2003

DRAFT

SAMPLE NO. 866495 **SAMPLE DESCRIPTION** WC-1 **DATE/TIME TAKEN** 08/04/2003 08:45

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
ICP Analysis	Complete		Complete		08/06/2003	07:10		3853	wwd	DT	SW 6010B
Lead, ICP	39.6	mg/kg	<3.8		08/06/2003	07:10	3810	3814	wwd	DT	SW 6010B
ICP Digestion, Lead/Wood	Complete		Complete		08/07/2003	12:32	3838		mjs	DT	SW 3050B
Ignitability of Solids	>60*	Degrees C		*	08/11/2003			196	wdd	DT	SW 1010 (mod)
Moisture, Prep	Complete		Complete		08/07/2003		124		bam	DT	SW 3550B
TCLP Extraction Fluid	8.469	mg/kg	>60		08/08/2003		124	417	bab	DT	SW 1311M

* See Notes and Comments Section for detailed explanation

Lab ID: CW = Chicago (Mostardi), DT = Dayton, IN = Indianapolis, MT = Montana, Sub = Subcontracted, Clt = Client Data

TestAmerica Analytical Testing Incorporated

Quality Control Report

Continuing Calibration Verification

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Analyte	Run Batch Number	CCV True Conc.	CCV Found Result	% Rec.
Lead, ICP	4114	1.00	1.04	104
Turbidity of Solids	188	20.0	21	105
TPH - DRO (Non-Aqueous)	667	5.00	5.33	106
TPH - GRO (Non-Aqueous)	667	5.00	5.06	101
TPH - DRO (Non-Aqueous)	667	1.00	1.01	101
TPH - GRO (Non-Aqueous)	667	1.00	1.03	103

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Blanks

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.16591
Report Date: 08/12/2003

Analyte	Prep Batch Number	Run Batch Number	Blank Result	Units	Date Prepped	Date Analyzed
Lead, ICP	[illegible]	[illegible]	[illegible]	mg/kg	[illegible]	[illegible]
Lead, ICP		[illegible]	[illegible]	mg/kg		[illegible]
TPH (DRO Non Aqueous)	[illegible]	[illegible]	[illegible]	mg/kg	[illegible]	[illegible]

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Laboratory Control Standard

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

LCS/LCD type do not apply to all parameters and are used in place of MS/MSD for precision determinations when sample volume is unavailable for spiking a client sample.

Analyte	Prep Batch Nr	Run Batch Nr.	Date Analyzed	LCS True Conc	LCS Found	LCS % Rec.	LCSD Found	LCSD % Rec.	RPD
Lead, ICP	[illegible]	[illegible]	08/08/2003	1.00	1	101			
[illegible]	[illegible]	[illegible]	08/07/2003	41.6	41.8	100			

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Matrix Spike/Matrix Spike Duplicate

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Matrix spike/matrix spike duplicate samples may not be samples from this job.

Analyte	Sample Number	Prep Batch Number	Run Batch Number	MS Rec.	MSD Rec.	RPD	Flags
Lead, ICP	547316	3918	4414	99	93	3.1	
TPH - DRO (Non-Aqueous)	546647	4424	448	71	71	1.8	

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Duplicates

Mr. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Duplicates may not be samples from this job.

Analyte	Prep Batch Number	Run Batch Number	Sample Number	Original Analysis	Duplicate Analysis	Units	RPD	Flag
Ignitability of Solids		148	01A185	<80	<80	Degrees C		6

6 See Notes and Comments Section for detailed explanation

DRAFT

TestAmerica Analytical Testing Corporation
Notes and Comments

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240
Sample Number: 866495

Job Number: 03.16591
Report Date: 08/12/2003
Page: 8 of 8

Analysis: Ignitability/Flashpoint

Unable to continue analysis due to water or other vapor extinguishing the flame of the sample.

DRAFT

TestAmerica

Dayton Division
3677 S. Dixie Drive
Dayton, OH 45439

Phone: 937-294-4854
Fax: 937-294-7916

To assist us in using the proper analytical methods
is this work being conducted for regulatory purposes?
Compliance Monitoring: _____

Client Name: AVANT Group Client #:
Address: 3420 Interchange Corporate Rd. SE 100
City/State/Zip Code: Indpls. IN 46240
Project Mgr (type): Angela Crump
Telephone Number: (317) 416-9-2581 Fax: 2559
Sampler Name: (Print Name) Angela D. Crump
Sampler Signature:

Project Name: Mechanicsburg
Project #: IN03-110-200
State Location ID: Mechanicsburg OH
Report To: Angela Crump
Invoice To: Same
Quote #: Jerry Burgess PO: IN03-110-20

Turn Around Time (TAT) Standard / Rush (surcharges may apply)
Date Needed: Normal
Fax Results: Y or N

SAMPLE ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservation & # of Containers: HNO3	H2SO4	HCl	NaOH	NaHSO4	Other	Analysis Requested: Flashpoint	TCLP Pb	TCLP Pb	QC Deliverables: None / Level 2 / Level 3 / Level 4 / Other	REMARKS
MX-1	9/23/03	0945	1	S							X	X	X		1X TCLP Pb
															1A is 240 mg/kg
															run TCLP
															Pb of Total Quality AVANT

Special Instructions: For Waste Characterization

Relinquished By	Date	Time	Received By	Date	Time
	9/24/03		C. Whitaker	9/24/03	
Relinquished By	Date	Time	Received By	Date	Time
Relinquished By	Date	Time	Received By	Date	Time

LABORATORY COMMENTS:
Ice Chest Temp: 8.2° on ice
Custody Seals: Y N NA
Samples Supplied by TestAmerica: Y N
Method of Shipment: UPS

SEE COMMENTS!

DRAFT

APPENDIX G

WASTE MANIFESTS FROM PCS TRANSPORT/DISPOSAL

DRAFT

AVANT

MANIFEST # 60126

PETRO CELL PETROLEUM - CONTAMINATED SOIL MANIFEST

1. Generator's US EPA ID No. (if applicable)

2. General Number
TWP03-006

3. Generator's Name and Site Address
Ryan Love (Former Filling Station)
282 East Kenbrook St.
Mechanicsburg, OH

4. Generator's Phone ( )

5. Transporter 1 Company Name
Redtank Transport

6. US EPA ID Number

A. Transporter 1 Phone
513-831-5491

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter 2 Phone

9. Designated Facility Name and Site Address
PETRO CELL DIVISION OF
PETRO ENV. TECHNOLOGIES, INC.
1400 Robinson Road
Washington Court House, OH 43160

10. US EPA ID Number
OHD 9806 10368

C. Facility's Phone
(614) 335-1500

D. Office Phone
(800) 355-7360

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

		12 Total Quantity	13 Yards/Tons
a.	NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		
b.			
c.			

J. Additional Description for Materials Listed Above

K. Handling Codes for Wastes Listed Above

14. Special Handling Instructions and Additional Information

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are not subject to federal regulations for reporting proper disposal of Hazardous Waste. The contents are Petroleum Contaminated Soils defined by the Ohio Environmental Protection Agency.

Printed/Typed Name
[illegible]

Signature

Month Day Year
11 21 02

16. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name
Rodney Allen

Signature

Month Day Year
11 21 02

Transporter 2 Acknowledgment of Receipt of Materials

17. Printed/Typed Name

Signature

Month Day Year

18. Discrepancy Indication Space

SOIL TYPE: Yes No

19. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 18

Printed/Type Name

Signature

Month Day Year

DRAFT

MANIFEST # 60127

PETRO CELL PETROLEUM CONTAMINATED SOIL MANIFEST

1. Generator's US EPA ID No. (if applicable)

2. Control Number: TW03-026

3. Generator's Name and Site Address: Ryan Love (Former Filling Station), 282 East Sandusky St., Mechanicsburg, OH

4. Generator's Phone ( )

6. Transporter 1 Company Name: Redbank Transport

8. US EPA ID Number

A. Transporter's Phone: 513-831-3491

7. Transporter 2 Company Name

9. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address: PETRO CELL, DIVISION OF PETRO ENV. TECHNOLOGIES, INC., 1600 Robinson Road, Washington Court House, OH 43160

10. US EPA ID Number: OHD 986 710 988

C. Facility's Phone: (614) 335-1508

D. Office Phone: (800) 955-7380

	HM	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Total Quantity	13 Wt./Vol./Tons
a.		NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		
b.				
c.				

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

14. Special Handling Instructions and Additional Information

15. CERTIFICATION: I hereby declare that the contents of this consignment are not subject to federal regulation for reporting proper disposal of Hazardous Waste. The contents are Petroleum Contaminated Soils ordered by the Ohio Environmental Protection Agency

Generator

Printed/Typed Name: Angela Crum — Signature — Month 12 Day 16 Year 96

Transporter

16. Printed/Typed Name — Signature — Month 12 Day 16 Year 96

Transporter 2 Acknowledgment of Receipt of Materials

17. Printed/Typed Name — Signature — Month Day Year

Facility

18. Discrepancy Indication Space: CONTING Yes No

19. Comment Number

20. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 18

Printed/Typed Name — Signature — Month Day Year

DRAFT

1100 9720

AVANT Group Inc.

September 10, 2003

AVANT Project Number 1803-180-20

Mr. Ray Bowman
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
PO Box 687
Reynoldsburg, Ohio 43068-0687

Confirmation Sampling Analytical Results
Addendum to the UST Closure Assessment Report
Former Filling Station, FID #11001720
282 East Sandusky Street
Mechanicsburg, Champaign County, Ohio

Dear Mr. Bowman:

AVANT Group has received the laboratory results from the confirmation soil sampling that was conducted as a part of the excavation and disposal of backfill material from the closure of two 1,000 gallon gasoline USTs at the above referenced facility. This letter report is an addendum to the UST Closure Assessment Report which documents the closure, excavation, and sampling activities (AVANT Project Number 1803-180-10, dated August 28, 2003).

Background

Petroleum contaminated backfill material was removed from the tank cavity on August 20, 2003. A total of 53.32 tons of soil was removed and transported to PetroCell for treatment. A copy of the Service Receipt showing that PetroCell received the soils is included in Attachment A along with manifest documentation.

Upon removal of the contaminated backfill materials, a total of eight soil samples were collected from the tank cavity bottom and sidewalls. The samples were field screened and two were selected for laboratory analyses, one from the sidewall and one from the tank cavity bottom.

DRAFT

Analytical Results

Sample S-3 was selected from the northwest quadrant of the tank cavity bottom. Sample S-4 was selected from the west sidewall. The samples were placed on ice and delivered to Test America, Inc. for analysis of benzene, toluene, ethylbenzene, xylenes, and methyl-tertiary-butyl-ether (BTEX-MTBE) by USEPA SW 846 Method 8260 under standard chain of custody protocols. The following table shows the results of the analyses in milligrams per kilogram (mg/kg). The results were compared to the Bureau of Underground Storage Tank Regulations (BUSTR) Closure Action Levels for Sand/Gravel.

Confirmation Soil Sampling Results
Former Filling Station
FID #1000720
Mechanicsburg, Ohio

Analyte	S-3	S-4	Closure Level
Benzene	0.0629	<0.010	0.150
Toluene	0.163	<0.010	58.700
Ethylbenzene	1.680	0.0184	71.10
Xylenes	0.680	0.0280	1500.000
MTBE	<0.040	<0.040	0.530

Samples collected on August 20, 2003
All results reported in milligrams per kilogram
Results compared to the BUSTR Closure Action Levels for Sand Gravel

As shown in the table above, neither of the two soil samples contained concentrations of BTEX-MTBE above the BUSTR Closure Action Levels. Based on this information, it appears that the petroleum contaminated backfill materials were successfully removed from the tank cavity and contaminants in native soils remain below the action levels. A copy of the laboratory report is included in Attachment B.

Conclusions

Based on the work performed and confirmation soil sampling results, AVANT Group requests that this UST Closure Assessment be considered complete with no further action.

Please do not hesitate to call if you have any questions or would like additional information.

Sincerely,
AVANT Group

Angela D. Crump, CHMM
Project Manager

cc: Mr. Ryan Love, Chet's IGA

AVANT Group

ATTACHMENT A

Service Receipt from PetroCell

DRAFT

AVANT

PETRO environmental technologies

7851 Peace Drive
Cincinnati, Ohio 45249
513.489.8749
Fax 513.489.7003

INVOICE

INVOICE DATE	CUSTOMER NO	
08-28-2003	8711-C008-01	8438
PO NUMBER	WORK ORDER NO.	SHIP DATE
TWO3-028		

TO

AVANT GROUP
8425 WOODFIELD CROSSING BLVD.
SUITE 100
INDIANAPOLIS, IN 46240

JOB LOCATION

RYAN LOVE

SALESPERSON	TERMS	SHIP VIA	F.O.B.
	NET 30 DAYS		

QUANTITY	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	TRANSPORTATION AND TREATMENT OF PCB	51.32	TONS	28.50	1,462.62

DRAFT

REMIT TO:
Petro Environmental Technologies, Inc.
P.O. Box 701074
Cincinnati, OH 45270-1074

DUE DATE
09-28-2003

SUBTOTAL	$1,462.62
TOTAL TAX	
TOTAL	$1,462.62

MANIFEST # 60126

PETRO CELL PETROLEUM CONTAMINATED SOIL MANIFEST

1 Generator's US EPA ID No (if applicable)

2 Carrier Number
(W01 0)

3 Generator's Name and Site Address
Ryal Love (Former Filling Station)
282 East Kentucky St.
Jeffersonville, OH

4 Generator's Phone ( ) –

5 Transporter 1 Company Name
Redbank Transport

6 US EPA ID Number

A Transporter's Phone
313-431-3421

7 Transporter 2 Company Name

8 US EPA ID Number

B Transporter's Phone

9 Designated Facility Name and Site Address
PETRO CELL, DIVISION OF
PETRO ENV. TECHNOLOGIES, INC.
1988 Robinson Road
Washington Court House, OH 43160

10 US EPA ID Number
OHD 9806 10968

C Facility's Phone
(614) 335-1908

D Other Phone
(800) 995-7360

11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

	HM		12 Total Quantity	13 Yards/Tons
a		NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		25.62 TON
b				
c				

J Additional Descriptions for Materials Listed Above

K Handling Codes for Wastes Listed Above

15 Special Handling Instructions and Additional Information

16 CERTIFICATION: I hereby declare that the contents of this consignment are not restricted by federal regulation for reporting proper disposal of Hazardous Waste. The contents are Petroleum Contaminated Soils defined by the Ohio Environmental Protection Agency

Printed/Typed Name

Signature

Month Day Year

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Rodney Hall

Signature

Month Day Year
10/12/00

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18 Discrepancy Indication Space
CORTND Yes No

19 Quantities Reckoned

20 Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 18

Printed/Typed Name

Signature

Month Day Year

PETRO CELL COPY

DRAFT

FAYETTE CO. S.W. DISPOSAL DEPT
133 S. MAIN ST. SUITE [illegible]
WASHINGTON CH. OH 43160

Ticket No: 36625
Load No: 8

Date: 08-20-2003

P.C.S. ticket

CUST ID: 112
PETRO DIRT
7051 PALACE DRIVE
CINCINNATI OH 4524[illegible]

Truck ID: 88382
REDBANK J 82

Manifest No: 68126
Control No: 1103-026
Grid No: 5

Material ID: DIRT
GENERAL DIRT
Material Type: 0

Amount Due:

Signature: [signature]
AM Delivery Charge

Gross Wt.: 85,900
Tare Wt.: 28,660
Net Wt.: 57,240 Tons: 28.620

Cubic Yards: 19.000

DRAFT

MANIFEST # 60127

PETRO CELL PETROLEUM CONTAMINATED SOIL MANIFEST	1. Generator's US EPA ID No. (if applicable)	2. Page 1 of 1
		1990-026

3. Generator's Name and Site Address
Ryan Love (former Fueling Station)
702 East Sandusky St.
Mechanicstown, OH

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Redtank Transport		513-831-5421
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address PETRO CELL DIVISION OF PETRO ENV. TECHNOLOGIES, INC. 1240 Robinson Road Washington Court House, OH 43160	10. US EPA ID Number OHD 980610908	C. Facility's Phone (614) 335-1508 D. Other Phone (800) 955-7360

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Total Quantity	13. Type/Tare
A. NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		24.7 Tons
B.		
C.		

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

14. Special Handling Instructions and Additional Information

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] | Signature: [signature] | Month Day Year: 12 21 92

16. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: [illegible] | Signature: [signature] | Month Day Year: 12 21 92

17. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year:

18. Discrepancy Indication Space

SCH1WD: Yes No

19. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 18

Printed/Typed Name: [illegible] | Signature: [signature] | Month Day Year: 12 22 92

DRAFT

FAYETTE CO. S.W. DISPOSAL DEPT
133 S. MAIN ST. SUITE L 18
WASHINGTON CH. OH 43160

Ticket No: 36628
Load No: 11

Date: 08-20-2003

P.C.D. Ticket

COST ID: 112
PETRO DIRT
7051 PALACE DRIVE
CINCINNATI OH 45249

Truck ID: RR374
REDIBANK J 74

Manifest No: 60127
Control No: TM03-026
Grid No: 3

Material ID: DIRT
GENERAL DIRT
Material Type: D

Amount Due:

Gross Wt.: 78,680
Tare Wt.: 29,280
Net Wt.: 49,400 Tons: 24,700

Signature
64 Delivery Charge

Cubic Yards: 16,467

DRAFT

total p.02

ATTACHMENT B

Laboratory Report

DRAFT

AVANT

TestAmerica Analytical Testing Corporation

Mr. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Blvd., Suite 100
Indianapolis, IN 46240

Job Number: 03,10009
Report Date: 09/02/2003

Enclosed is the Analytical and Quality Control Reports for the following samples submitted to TestAmerica for Analysis:

Project: IN01-100-20/MECHANICSBURG

Sample Number	Sample Description	Date Taken	Date Received
A71024	S-3(NW)	08/20/2003	08/20/2003
A71025	S-4(WEST)	08/20/2003	08/20/2003

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this report is permitted only in its entirety.

Enclosure

Project Management Approval

DRAFT

[illegible] 8425 Woodfield Crossing, Suite 100 Indianapolis, IN 46240 317 808 4964
[illegible] 2960 Baranof Road, Suite 110 Anchorage, AK 99503 907 562 2343
[illegible] 4955 Matthews Court, Indianapolis, IN 46268 317 808 4964
[illegible] 301 W. Western Blvd. Decatur, MI 49045 269 423 5151

DRAFT

TestAmerica Analytical Testing Incorporated
Quality Control Report
Continuing Calibration Verification

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Analyte	Run Batch Number	CCV True Conc.	CCV Conc. Result	% Rec.
[illegible]				
Acetone	356	50.0	48.0	96
Ethylbenzene	356	50.0	47.5	95
Toluene	356	50.0	46.9	93
Xylenes, Total	356	150	144	96
[illegible]				
Ethylbenzene	333	50.0	54.5	109
Xylenes, Total	333	150	173	115

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Blanks

Mr. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03,18099
Report Date: 09/02/2003

Analyte	Prep Batch Number	Run Batch Number	Blank Result	Units	Date Prepared	Date Analyzed
[illegible]						
MTBE		[illegible]36	<20.0	ug/Kg		08/28/2003
Benzene		[illegible]36	<5.0	ug/Kg		08/28/2003
Ethylbenzene		[illegible]36	<5.0	ug/Kg		08/28/2003
Toluene		[illegible]36	<5.0	ug/Kg		08/28/2003
Xylenes, Total		[illegible]36	<5.0	ug/Kg		08/28/2003
[illegible]		[illegible]36	104	%		08/28/2003
[illegible]		[illegible]36	96	%		08/28/2003
[illegible]		[illegible]36	92	%		08/28/2003
[illegible]						
Ethylbenzene		[illegible]20	<5.0	ug/Kg		08/29/2003
Xylenes, Total		[illegible]20	<5.0	ug/Kg		08/29/2003

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Laboratory Control Standard

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

LCS/LCSD type is not apply to all parameters and are used in place of MS/MSD for precision determinations when sample volume is insufficient for spiking a client sample.

Analyte	Prep Batch #	Run Batch #	Date Analyzed	LCS Value ug/L	LCSD Value ug/L	LCS % Rec.	LCSD Value ug/L	LCSD % Rec	RPD
BTEX/MTBE EPA 8021B/8260B									
Benzene		816	08/21/2003	20.0	19.2	98			
Ethylbenzene		816	08/21/2003	20.0	19.6	98			
Toluene		816	08/21/2003	20.0	19.9	100			
Xylenes, Total		816	08/21/2003	60	59.0	98			
Surrogate: 4-Bromofluorobenzene		816	08/21/2003	50	51.1	102			
Surrogate: Dibromofluoromethane		816	08/21/2003	50	53.6	107			
Surrogate: 1,2-Dichloroethane-d4		816	08/21/2003	50	49.7	99			
BTEX/MTBE EPA 8021B/8260B									
Ethylbenzene	810	08/19/2003	20.0	19.8	99				
Xylenes, Total	810	08/19/2003	60	64.6	107				

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Matrix Spike/Matrix Spike Duplicate

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

Matrix Spike/Matrix Spike Duplicate Samples May Not Be Samples From This Job

Analyte	Sample Number	Prep Batch Number	MS Result	MS % Rec.	MSD % Rec	RPD	Flags
BTEX/MTBE 8260 W % A, Soil	870264						
Ethylbenzene	870314						
Xylenes, Total	870264		320	83	85	2.9	
BTEX/MTBE 8260 W % A, Soil	870391		330	86	89	3.1	
Benzene	870264						
Ethylbenzene	870391		334	104	106	11	Q
Toluene	870264		322	0	0	0.0	
Xylenes, Total	870391		336	104	110	2.5	Q
			320	0	0	0.0	

Q = MS recovery and/or RPD outside of control limits.
Q = MS and/or MSD recovery outside of control limits.

DRAFT

TestAmerica

Dayton Division
3601 S. Dixie Drive
Dayton, OH 45439

Phone: 937-294-6856
Fax: 937-294-7815

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring UST Closure Assessment

Client Name: AVANT Group Client #:

Address: 8425 Woodfield Crossing Blvd. Ste 100 Project Name: Mechanicsburg

City/State/Zip Code: Indianapolis, IN 46240 Project #: IN03-180-20

Project Manager: Angela Crump Site/Location ID: State: OH

Telephone Number: (317) 469-7558 Fax: (317) 469-7559 Report To: Angela Crump

Sampler Name: (Print Name) Angela Crump Invoice To: Same

Sampler Signature: Quote #: PO#:

TAT: X Standard 7-9day
___ Rush (surcharges may apply)
Date Needed:
Fax Results: (Y) N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab C = Composite	# cont./ filtered	Matrix: SL = Sludge DW = Drinking Water GW = Groundwater S = Soil/Solid WW = Wastewater O = Oil Other	Preservation & # of Containers: HNO3	HCl	NaOH	H2SO4	Unpreserved	Other	Other (Specify)	Analyze For: BTEX/MBE J02	QC Deliverables: None / Level 2 / Level 3 / Level 4 / Other:	REMARKS
S-3 (NW)	12/28	9:15	G		S						X		X		BUSTR
SW-4 (West)	12/28	9:15	G		S						X		X		Group
															Closure
															levels

Special Instructions:
acrump@avantgrp.com email results

LABORATORY COMMENTS:
Inst Lab Temp:
Rec Lab Temp: 12° on ice
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment: UPS

	Date	Time		Date	Time
Relinquished By:	12/29/08	11:58	Received By:	12/29/08	11:58
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time

LOC

AVANT Group, Inc.

8425 Woodfield Crossing Blvd., Suite 192, Indianapolis, IN 46240 • phone: (317) 469-7558 • fax: (317) 469-7559 • www.avantgroup.com

September 10, 2003

AVANT Project Number IN03-180-20

Mr. Ray Bowman
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
PO Box 687
Reynoldsburg, Ohio 43068-0909

Confirmation Sampling Analytical Results
Addendum to the UST Closure Assessment Report
Former Filling Station, FID #11009720
282 East Sandusky Street
Mechanicsburg, Champaign County, Ohio

Dear Mr. Bowman:

AVANT Group has received the laboratory results from the confirmation soil sampling that was conducted as a part of the excavation and disposal of backfill material from the closure of two 1,000 gallon gasoline USTs at the above referenced facility. This letter report is an addendum to the UST Closure Assessment Report which documents the closure, excavation, and sampling activities (AVANT Project Number IN03-180-10, dated August 28, 2003).

Background

Petroleum contaminated backfill material was removed from the tank cavity on August 20, 2003. A total of 53.12 tons of soil was removed and transported to PetroCell for treatment. A copy of the Service Receipt showing that PetroCell received the soils is included in Attachment A along with manifest documentation.

Upon removal of the contaminated backfill materials, a total of eight soil samples were collected from the tank cavity bottom and sidewalls. The samples were field screened and two were selected for laboratory analysis, one from the sidewall and one from the tank cavity bottom.

DRAFT

Analytical Results

Sample S-3 was selected from the northwest quadrant of the tank cavity bottom. Sample S-4 was selected from the west sidewall. The samples were placed on ice and delivered to Test America, Inc., for analysis of benzene, toluene, ethylbenzene, xylenes, and methyl-tertiary-butyl-ether (BTEX-MTBE) by USEPA SW 846 Method 8260 under standard chain of custody protocols. The following table shows the results of the analyses in milligrams per kilogram (mg/kg). The results were compared to the Bureau of Underground Storage Tank Regulations (BUSTR) Closure Action Levels for Sand/Gravel.

Confirmation Soil Sampling Results
Former Filling Station
FID #1009720
Mechanicsburg, Ohio

Analyte	S-3	S-4	Closure Level
Benzene	0.0029	<0.010	0.150
Toluene	0.163	<0.010	58.700
Ethylbenzene	1.600	0.0184	71.10
Xylenes	6.680	0.0280	1500.060
MTBE	<0.040	<0.040	0.530

Samples collected on August 20, 2003
All results reported in milligrams per kilogram
Results compared to the BUSTR Closure Action Levels for Sand/Gravel

As shown in the table above, neither of the two soil samples contained concentrations of BTEX-MTBE above the BUSTR Closure Action Levels. Based on this information, it appears that the petroleum contaminated backfill materials were successfully removed from the tank cavity and contaminants in native soils remain below the action levels. A copy of the laboratory report is included in Attachment B.

Conclusions

Based on the work performed and confirmation soil sampling results, AVANT Group requests that this UST Closure Assessment be considered complete with no further action.

Please do not hesitate to call if you have any questions or would like additional information.

Sincerely,
AVANT Group

Angela D. Crump, CHMM
Project Manager

cc: Mr. Ryan Love, Chet's IGA

DRAFT

AVANT Group

ATTACHMENT A

Service Receipt from PetroCell

DRAFT

AVANT Group

PETRO
environmental
technologies

7051 Palace Drive
Cincinnati, Ohio 45249
513.489.6789
Fax 513.489.7208

INVOICE

INVOICE DATE	CUSTOMER NO	[redacted]
08-28-2003	8711-C006-01	6438
P.O. NUMBER	WORK ORDER NO	R/P DATE
TW03-026		

JOB LOCATION

TO

AVANT GROUP
8425 WOODFIELD CROSSING BLVD.
SUITE 100
INDIANAPOLIS, IN 46240

RYAN LOVE

SALESPERSON	TERMS	SHIP VIA	F.O.B.
	NET 30 DAYS		

[redacted]					
1	TRANSPORTATION AND TREATMENT OF PCS	49.32	TONS	28.50	1,412.06

DRAFT

REMIT TO:
Petro Environmental Technologies, Inc.
P.O. Box 701076
Cincinnati, OH 45270-1076

DUE DATE
09-28-2003

AMOUNT BILLED	$1,412.06
TOTAL TAX	
RETAINAGE HELD	
TOTAL	$1,412.06

[redacted]

00000852

MANIFEST # 60126

PETRO CELL PETROLEUM CONTAMINATED SOIL MANIFEST

1. Generator's US EPA ID No (if applicable)

2. Control Number
WO3 036

3. Generator's Name and Site Address
Ryan Love (Former Filling Station)
262 East Sandusky St.
Mechanicsburg, OH

4. Generator's Phone ( ) -

5. Transporter 1 Company Name
Medina Transport

6. US EPA ID Number

A. Transporter's Phone
513-631-1191

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PETRO CELL DIVISION OF
PETRO ENV. TECHNOLOGIES, INC.
1501 Robinson Road
Washington Court House, OH 43160

10. US EPA ID Number
OHD 986 10968

C. Facility's Phone
(614) 335-1508

D. Office Phone
(800) 955-7380

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	(I/M)		12 Total Quantity	13 Yards/Tons
a		NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		25.62 TON
b				
c				

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

14. Special Handling Instructions and Additional Information

15. CERTIFICATION: I hereby declare that the contents of this consignment are not subject to federal regulation for reporting proper disposal of Hazardous Waste. The contents are Petroleum Contaminated Soils defined by the Ohio Environmental Protection Agency.

Printed/Typed Name | Signature | Month | Day | Year

Transporter 1 Acknowledgment of Receipt of Materials

16. Printed/Typed Name
Rodney Allen

Signature

Month 8 Day 12 Year 03

Transporter 2 Acknowledgment of Receipt of Materials

17. Printed/Typed Name | Signature | Month | Day | Year

18. Discrepancy Indication Space
SORTING: Yes No

19. Quantity Received

20. Facility Owner or Operator: Certification of receipt of waste soils covered by this manifest except as noted in item 19

Printed/Type Name
Rodney Allen

Signature

Month 8 Day 12 Year 03

PETRO CELL COPY

DRAFT

FAYETTE CO. S.W. DISPOSAL DEPT
133 S. MAIN ST. SUITE L 18
WASHINGTON CH. OH 43160

Ticket No: 36625
Load No: 0

Date: 08-20-2003

P.C.S. Ticket

CUST ID: 112
PETRO DIRT
7051 PALACE DRIVE
CINCINNATI OH 45249

Truck ID: RBJ82
REDBANK J 82

Manifest No: 60126
Control No: TW03-026
Grid No: 3

Material ID: DIRT
GENERAL DIRT
Material Type: D

Amount Due:

Signature
48 Delivery Charge

Gross Wt.: 65,900
Tare Wt.: 28,660
Net Wt.: 57,240 Tons: 28.620

Cubic Yards: 19.080

DRAFT

MANIFEST # 60127

PETRO CELL PETROLEUM CONTAMINATED SOIL MANIFEST

1. Generator's US EPA ID No. (If applicable)

2. Control Number
1W03 026

3. Generator's Name and Site Address
Ryan Love (former Filling Station)
710 East Sandusky St.
Millersburg, OH

4. Generator's Phone ( )

5. Transporter 1 Company Name
Kodiak Transport

6. US EPA ID Number

A. Transporter's Phone
517-821-149)

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
PETRO CELL DIVISION OF
PETRO ENV. TECHNOLOGIES, INC
1500 Robinson Road
Washington Court House, OH 43160

10. US EPA ID Number
OHD 9806 10966

C. Facility's Phone
(614) 335-1500

D. Site Phone
(800) 955-7380

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Total Quantity	13. Yards/Tons
a.	NON HAZARDOUS PETROLEUM CONTAMINATED SOIL		39.7 Tons
b.			
c.			

J. Additional Descripsion for Materials Listed Above

K. Handling Codes for Wastes Listed Above

14. Special Handling Instructions and Additional Information

15. CERTIFICATION: I hereby declare that the contents of this consignment are not subject to federal regulation for reporting proper disposal of Hazardous Waste. The contents are Petroleum Contaminated Soils defined by the Ohio Environmental Protection Agency

Printed/Typed Name	Signature	Month Day Year

Transporter 1 Acknowledgement of Receipt of Materials

16. Printed/Typed Name	Signature	Month Day Year

Transporter 2 Acknowledgement of Receipt of Materials

17. Printed/Typed Name	Signature	Month Day Year

18. Discrepancy Indication Space

SORTING: Yes No

19. Quadrant Received

20. Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Item 18

Printed/Typed Name	Signature	Month Day Year

DRAFT

FAYETTE CO. S.W. DISPOSAL DEPT
133 E. MAIN ST. SUITE L IN
WASHINGTON CH. OH 43160

Ticket No: 36620
Load No: 11

Date: 08-20-2003

P.C.S. Ticket

CUST ID: 112
PETRO DIRT
7051 PALACE DRIVE
CINCINNATI OH 45249

Truck ID: RR373
REDBANK J 73

Manifest No: 40127
Control No: IN03-026
Grid No. 3

Material ID: DIRT
GENERAL DIRT
Material Type: O

Amount Due:

Signature
64 Delivery Charge

Gross Wt.: 78,680
Tare Wt.: 29,280
Net Wt.: 49,400 Tons: 24.700

Cubic Yards: 16.467

DRAFT

TOTAL P.06

ATTACHMENT B

Laboratory Report

DRAFT

AVANT Group

TestAmerica Analytical Testing Corporation

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003
Page: 1 of 6

Enclosed is the Analytical and Quality Control Reports for the following samples submitted to TestAmerica for analysis:

Project: IN03-180-20/MECHANICSBURG

Sample Number	Sample Description	Date Taken	Date Received
871094	S-3 (NW)	08/20/2003	08/20/2003
871095	S-4 (WEST)	08/20/2003	08/20/2003

DRAFT

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this report is permitted only in its entirety.

Enclosure

Project Management Approval

Dayton - 7633 South State Drive, Dayton, OH 45439 937-296-6996/FAX:937-294-7426
Dundee (Chicago) - 1593 Rock Road Lane, Unit 11, Dundee, IL 60118 847-783-6980/FAX:847-783 1949
Indianapolis - 6964 Hillsdale Court, Indianapolis, IN 46250 317-813-4243/FAX:317-813-4274
Pontiac - 341 W. Walton Blvd, Pontiac, MI 48340 248-333-3113/FAX:248-332 5410

TestAmerica Analytical Testing Corporation

Analytical Report

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

SAMPLE NO. 871094 **SAMPLE DESCRIPTION** S-3 (NW) **DATE/TIME TAKEN** 08/20/2003 09:15

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
BTEX/MTBE 8260 NON AQUEOUS										DT	
MTBE	<40	ug/Kg	<40		08/23/2003			316	jxc	DT	SW 8260A
Benzene	42.9	ug/Kg	<10		08/23/2003			316	jxc	DT	SW 8260A
Ethylbenzene	1,400	ug/Kg	<250		08/23/2003			320	xxx	DT	SW 8260A
Toluene	261	ug/Kg	<10		08/21/2003			316	jxc	DT	SW 8260A
Xylenes, Total	6,600	ug/Kg	<250		08/20/2003			320	xxx	DT	SW 8260A
Surrogate:de-4,8-DCA	116	%	80-120		08/21/2003			316	jxc		SW 8260A
Surrogate:Dibromofluoromethane	103	%	85-120		08/21/2003			316	jxc	DT	SW 8260A
Surrogate Toluene-D8	101	%	81-117		08/23/2003			316	jxc	DT	SW 8260A
Surrogate:Bromofluorobenzene	102	%	74-121		08/21/2003			316	jxc	DT	SW 8260A

SAMPLE NO. 871095 **SAMPLE DESCRIPTION** S-4 (WEST) **DATE/TIME TAKEN** 08/20/2003 09:15

	Result	Units	Reporting Limit	Flag	Run Date	Run Time	Prep Batch	Run Batch	Anal. Init.	Lab ID	Method Reference
BTEX/MTBE 8260 NON AQUEOUS										DT	
MTBE	<47	ug/Kg	<40		08/23/2003			316	jxc	DT	SW 8260A
Benzene	<10	ug/Kg	<10		08/23/2003			316	jxc	DT	SW 8260A
Ethylbenzene	36.1	ug/Kg	<10		08/23/2003			316	jxc	DT	SW 8260A
Toluene	<10	ug/Kg	<10		08/23/2003			316	jxc	DT	SW 8260A
Xylenes, Total	280	ug/Kg	<10		08/23/2003			316	jxc	DT	SW 8260A
Surrogate:4,8-D CA	113	%	80-120		08/23/2003			316	jxc		SW 8260A
Surrogate:Dibromofluoromethane	100	%	85-117		08/23/2003			316	jxc	DT	SW 8260A
Surrogate:Toluene-D8	103	%	81-117		08/23/2003			316	jxc	DT	SW 8260A
Surrogate:Bromofluorobenzene	104	%	74-121		08/23/2003			316	jxc	DT	SW 8260A

Lab ID: CH = Chicago (Cooper), DT = Dayton, IN = Indianapolis, PT = Pontiac, SUB = Subcontracted, CLT = Client Data.

DRAFT

TestAmerica Analytical Testing Incorporated
Quality Control Report
Continuing Calibration Verification

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

Analyte	Run Batch Number	CCV True Conc.	CCV Conc. Result	% Rec.
BTEX/MTBE 8260 Low AQUEOUS				
Benzene	316	50.0	48.8	98
Ethylbenzene	316	50.0	47.6	95
Toluene	316	50.0	46.5	93
Xylenes, Total	316	150	146	97
BTEX/MTBE 8260 SPK AQUEOUS				
Ethylbenzene	329	50.0	51.5	103
Xylenes, Total	329	150	170	113

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Blanks

Job Number: 03.18099
Report Date: 09/02/2003

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Analyte	Prep Batch Number	Run Batch Number	Blank Result	Units	Date Prepped	Date Analyzed
BTEX/MTBE 8260 NON AQUEOUS		314	<20.0	ug/kg		08/23/2003
MTBE		314	<5.0	ug/kg		08/23/2003
Benzene		314	<5.0	ug/kg		08/23/2003
Ethylbenzene		314	<5.0	ug/kg		08/23/2003
Toluene		314	<5.0	ug/kg		08/23/2003
Xylenes, Total		314	<5.0	ug/kg		08/23/2003
Surrogate: Dibromofluoromethane		314	104	%		08/23/2003
Surrogate: Toluene-d8		314	96	%		08/23/2003
Surrogate: Bromofluorobenzene		314	92	%		08/23/2003
BTEX/MTBE 8260 NON AQUEOUS		329	<5.0	ug/kg		09/29/2003
Ethylbenzene		329	<5.0	ug/kg		09/29/2003
Xylenes, Total		329	<5.0	ug/kg		09/29/2003

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Laboratory Control Standard

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

LCS/LCSD data do not apply to all parameters and are used in place of MS/MSD for precision determination when sample volume is unavailable for spiking a client sample.

Analyte	Prep Batch No.	Run Batch No.	Date Analyzed	LCS True Conc	LCS Conc Found	LCS % Rec.	LCSD Conc Found	LCSD % Rec.	RPD
BTEX/MTBE 8260 H2O AQUEOUS									
Benzene		316	08/21/2003	20.0	19.3	96			
Ethylbenzene		316	08/21/2003	20.0	19.0	95			
Toluene		316	08/21/2003	20.0	19.8	100			
Xylenes, Total		316	08/21/2003	60	59.0	98			
Surrogate-Dibromofluoromethane		316	08/21/2003	50	51.1	102			
Surrogate-Toluene-d8		316	08/21/2003	50	50.6	101			
Surrogate-4-Bromofluorobenzene		316	08/21/2003	50	48.9	98			
BTEX/MTBE 8260 H2O Aqueous									
Ethylbenzene		370	08/28/2003	20.0	19.0	95			
Xylenes, Total		370	08/28/2003	60	61.4	102			

DRAFT

TestAmerica Analytical Testing Corporation
Quality Control Report
Matrix Spike/Matrix Spike Duplicate

Ms. Angie Crump
AVANT GROUP (INDY)
8425 Woodfield Crossing
Bld., Suite 100
Indianapolis, IN 46240

Job Number: 03.18099
Report Date: 09/02/2003

Matrix Spike/Matrix Spike Duplicate Samples may not be samples from this job.

Analyte	Sample Number	Prep Batch Number	Run Batch Number	MS % Rec.	MSD % Rec.	RPD	Flags
[illegible]	[illegible]						
Ethylbenzene	870701		320	85	86	0.0	
Xylenes, Total	870704		320	95	97	1.7	
[illegible]	[illegible]						
Benzene	871001		316	104	[illegible]	11	Q
Ethylbenzene	871001		320	0	0	0.0	
Toluene	871001		316	145	[illegible]	3.5	1
Xylenes, Total	871001		320	0	0	0.0	

Q - MS recovery and/or RPD outside of control limits.
1 - MS and MSD recoveries outside of control limits.

DRAFT

TestAmerica

Dayton Division
3601 S. Dixie Drive
Dayton, OH 45439

Phone: 937-294-6858
Fax: 937-294-7516

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring UST Closure Assessment

Client Name: AVANT Group Client #:
Address: 8425 Woodfield Crossing Blvd. Ste 109 Project Name: Mechanicsburg
City/State/Zip Code: Indianapolis, IN 46240 Project #: 1W03-180-20
Project Manager: Angela Crump Site Location ID: State: OH
Telephone Number: (317) 469-7558 Fax: (317) 469-7559 Report To: Angela Crump
Sampler Name: (Print Name) Angela Crump Invoice To: Same
Sampler Signature: Cooler #: PO#:

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	# of Containers Filled	Matrix: DW - Drinking Water, S - Soil/Solid, GW - Groundwater, WW - Wastewater, Sludge, Other	Preservation & No. Containers: HNO3, HCl, NaOH, H2SO4, Unpres, Other, Other (Specify)	Analyze For: BTEX/MBE 8021	QC Deliverables: None, Level 2, Level 3, Level 4, Other	REMARKS
S-3 (NW)	8/26/05	11:15	G	3	S	X	X		BUSTR Groupt Closure levels
SW-4 (West)	8/26/05	11:15	G	3	S	X	X		

Special Instructions: ACrump@avantgrp.com/email results

Relinquished By	Date	Time	Received By	Date	Time
	8/26/05	11:58		8/26/05	11:58
	Date:	Time:	Received By:	Date:	Time:
	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 12° on ice
Custody Seals: Y N N/A Bottles Supplied by TestAmerica: Y N
Method of Shipment: UPS

DOC

TRANSMITTAL MEMO

AVANT Group, Inc.

8425 Woodfield Crossing Blvd., Suite 100
Indianapolis, IN 46240
Phone (317) 469-7558
Fax (317) 469-7559
Email avantgp@avantgp.com

Date: 9/10/03; 13:25 pm
Project No. IN03-180-20

We are sending you the materials listed below:

1	Confirmation Sampling Analytical Results- Addendum to the UST Closure Assessment Report	9/10/03

By: Angela D. Crump

Please do not hesitate to call if you have any questions! 317.469.7558.

Angela D. Crump, CHMM
Project Manager, Senior Environmental Scientist

DRAFT

MEMO

REPORT# : 1009720-v1

DATE: 2/14/08

TIME: _____

=CALL TO [ ] FROM [ ]==========

NAME: _____ _____ TITLE: _____ _____ PHONE: ( ) _____

AGENCY/ COMPANY: _____ RELATION TO SITE: _____

ADDRESS _____ CITY: _____ STATE: _____ ZIP: _____

SUBJECT: _____ _____

_____

==========

NOTES & SUMMARY:

ENFORCEMENT FILE CLOSED. VIOLATION CLOSED OUT IN OTTER BY STEVE KRICHBAUM 10/3/07, WHICH WAS THE DATE OF THE INSPECTION WHERE THEY WERE FOUND TO BE IN COMPLIANCE WITH ALL VIOLATIONS CORRECTED
NO ENFORCEMENT ACTION TAKEN; THEREFORE, NO COMPLIANCE LETTER MAILED

DRAFT

STAFF MEMBER: ANCRUIT

Ohio Bureau of Underground Storage Tank Regulations Compliance Inspection Report

www.com.state.oh.us/ohio/ufm/ 800-686-2578 Page 1 of 1

☐ New Inspection ☒ Re-Inspection ☐ Referral/Complaint Facility # 11009720

Ownership of Tanks:
Chet's Food Market Inc
282 E Sandusky St.
Mechanicsburg OH 43044

Location of Tanks:
Chet's Food Market Inc
282 E Sandusky St.
Mechanicsburg OH 43044

Owner Contact: Ryan Love
Phone Number: 614-563-0699

Facility Representative: Ryan Love
Phone Number: 614-563-0699

Inspection Result:
☒ In Compliance at This Time
☐ Re-Inspection
☐ Violation Found

Items Compliant:

	Yes	No
Tanks	☒	☐
Piping	☒	☐
UST Leak Detection	☒	☐
Piping Leak Detection	☒	☐
Record Keeping	☒	☐

Facility Information:

	Yes	No
Delegated F.D	☐	☒
Sensitive Area	☐	☒
Registration Current	☐	☒
PUSTRCR Certificate	☐	☒
Financial Responsibility	☐	☒

lat 40.07763°
long - 83.54948°

Tank/Piping Information:	Tank # 3	Tank # 4	Tank # 5	Tank #	Tank #	Tank #
Capacity (gallons)	12,000	8,000	6,000			
Product Stored	gas	gas	gas			
Tank Construction	SCFRP	SCFRP	SCFRP			
Status (CIU, TCI, CIS, ABN)	005	005	005			
Pressure, Suction or Gravity Piping	P	P	P			
Piping Construction	FRTP	FRTP	FRTP			
Tank Release Detection Type	ATG	ATG	ATG			
Piping Leak Detection Type	ELLD	ELLD	ELLD			
Spill Prevention	SB	SB	SB			
Overfill Prevention	Fill	Fill	Fill			
Corrosion Protection Tank	NR	NR	NR			
Corrosion Protection Piping	NR	NR	NR			

RECEIVED
NOV 14 2007
TESTING & REG
STATE FIRE MARSHAL

Observations Supporting Violations or Other Remarks:

I observed that owner has paid 2007 registration fee. Owner has paid PUSTRCB and is waiting on valid certificate. Out of service permit P00003 issued on 9/28/07. Out of service inspection completed on 10/3/07. (See attachments). I advised owner of out of service requirements and informed owner of 12-month requirements. System is secured. Site is in Compliance at this time.

Inspector: [signature] Date: 10/3/07 Time on Site: 1.0

Facility Representative: [signature] Title: President Date: 10-3-07

COM 5220 Revised 04/01 Distribution: White – Agency Copy Canary – Owner Copy Pink – Inspector Copy

lat 40.07763°
long - 83.54948°

State of Ohio, Department of Commerce
Division of State Fire Marshal—Bureau of Testing & Registration
P.O. Box 529, Reynoldsburg, Ohio 43068
Phone (614) 752-7126 Fax (614) 995-4206

Removal Inspection Field Report

(For Removal, Closure in Place, Out of Service, and Changes in Service Activity)

Page 1 of 1

Inspection Preliminary [ ] Final [X] Permit Date 9/28/07 Facility # 11009720 Permit # P00003

Ownership of Tanks:
Chet's Food market Inc
282 E Sandusky St.
Mechanicsburg OH 43044

Location of Tanks:
Chet's Food Market Inc
282 E Sandusky St.
mechanicsburg oh 43044

Sensitive Area: Yes [ ] No [ ]

Tank/System Information	Tank # 3 Cavity # 1	Tank # 4 Cavity # 1	Tank # 5 Cavity # 1	Tank # ___ Cavity # ___
Components Undergoing Work: T=Tank, P=Piping, S=System, C=Containment, A=Ancillary	T P (S) C A	T P (S) C A	T P (S) C A	T P (S) C A
Inspection Description	out of Service	out of Service	out of service	
Date Last Used	7/12/07	7/12/07	7/12/07	
Underground Tank Capacity (list gallons)	12,000	8,000	6,000	
Substance Stored	GAS	GAS	GAS	
Tank Construction	SCFRP	SCFRP	SCFRP	
Piping Construction	FPTP	FPTP	FPTP	
Pressure, Suction or Gravity Piping	P	P	P	
LEL/O2 (indicate %)	NA	NA	NA	
Tank Cleaned on Site	Yes or No	Yes or No	Yes or No	Yes or No
Holes in Tank	Yes or No	Yes or No	Yes or No	Yes or No
Holes in Piping	Yes or No	Yes or No	Yes or No	Yes or No
Canopy Appearance*	NA	NA	NA	
Piping Run Appearance*	NA	NA	NA	
Remote Dispenser Appearance*	NA	NA	NA	
Closure in Place (written approval obtained)	Yes or No	Yes or No	Yes or No	Yes or No
Out of Service (more than 90 days/system secured)	(Yes) or No	(Yes) or No	(Yes) or No	Yes or No
Change in Service (regulated to non-regulated)	Yes or No	Yes or No	Yes or No	Yes or No

Remarks: I observed that tanks are empty within 1-inch of bottom. I observed that all fill ports and dispensers are locked down. Vent lines open & functioning. Waste fuel taken by Reliable Construction for later disposal.

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Certified Installer Number: 63-55-0002
Certified Installer Name (printed): Donald Brandstetter
Certified Installer Signature: Donald Brandstetter
Date: 10/3/07

Certified Inspector Number: FM-818
Certified Inspector Name (printed): JASon Anthony
Certified Inspector Signature: Jason Anthony
Date: 10/3/07 Hours on Site: 1.0

COM 5219 Revised 04/05 Distribution: White – Agency Copy Canary – Owner Copy Pink – Inspector Copy

State of Ohio, Department of Commerce
Division of State Fire Marshal—Bureau of Underground Storage Tank Regulations
8895 East Main Street, Reynoldsburg, Ohio 43068
Phone (614) 752-7938 Fax (614) 752-7942

BUSTR Compliance Inspection Report

☐ Owner #: W082004	☐ Facility #: 1100720
Owner Name: Chet's Food Market Inc	Facility Name: Chet's Food Market Inc
Address: 282 E Sandusky St.	Address: 282 E Sandusky St.
City/State/Zip: Mechanicsburg OH 43044	City/State/Zip: Mechanicsburg OH 43044
Owner Contact: Ryan Love	Facility Representative: Ryan Love
Phone Number: 614-563-0699	Phone Number: 614-563-0699
Inspection Type: ☐ New Inspection ☒ Re-Inspection ☐ Referral/Complaint	Inspection Result: ☐ In Compliance on This Date ☐ Re-Inspection Needed ☐ New Violation(s) Found
	Latitude: 40.07763° Longitude: (-) -83.54948°

Directions: To the right of each underground storage tank (UST) component, write the name of the component based upon your observations. If a component with an asterisk (*) is not present, but is required to be present, then thoroughly document your observations on a supplemental report.

	# 3	# 4	# 5	#	#
(1a) UST Identification					
(1b) UST Capacity	12,000	6,000	6,000		
(1c) UST Contents	Gas	Gas	Gas		
(2) UST Configuration (SW or SC)	SC	SC	SC		
(3) UST Construction	FRP	FRP	FRP		
(4) UST Corrosion Protection Equipment*	NR	NR	NR		
(5) UST Release Detection Equipment*	ATG	ATG	ATG		
(6) Piping Configuration (SW or SC)	SC	SC	SC		
(7) Piping Style (P or S or G)	P	P	P		
(8) Piping Construction	FPTP	FPTP	FPTP		
(9) Piping Corrosion Protection Equipment*	NR	NR	NR		
(10) Piping Release Detection Equipment*	ELLD	ELLD	ELLD		
(12) Spill Containment Equipment (Spill Bucket)*	SB	SB	SB		
(13) Other Containment Equipment (UST / Dispenser)	TTCT	TTCT	TTCT		
(14) Containment Release Detection Equipment	Sumpsen	Sumpsen	Sumpsen		
(15) Overfill Prevention Equipment*	Fill	Fill	Fill		

Directions: On the right of each operational compliance item, write the appropriate compliance indicator based upon your observations. Thoroughly document all non-compliant observations on a supplemental report. (C = compliant, NC = non-compliant, NA = not applicable, I = inadequate)

(16) BUSTR Registration	C	C	C		
(17) PBS/RCO Certificate	NC	NC	NC		
(18) Financial Responsibility	C	C	C		
(19) Permit Related Requirements	NR	NR	NR		
(20) Out of Service Requirements	NR	NR	NR		
(21) Records and Release Reporting Requirements	NC	NC	NC		
(22) Spill and Overfill Operation	C	C	C		
(23) UST/Piping Release Detection Operation	C	C	C		
(24) UST/Piping Corrosion Protection Operation	NR	NR	NR		
(25) Other Containment Operation (UST / Dispenser)	C	C	C		
(26) Containment Release Detection Operation	C	C	C		
(27) Other UST/Piping/Ancillary Equipment Operation	C	C	C		

Inspector: [signature] Date: 7/12/07 Time on Site: 2.0

Ord, Vern

From: Ord, Vern
Sent: Tuesday, July 10 2007 2 26 PM
To: Anthony, Jason
Cc: Cruit, Amy, Krichbaum, Steve, Chace, Peter
Subject: Facility #11009720

Jason,

This is one that has lingered around and keeps getting thrown to the bottom of my priority list. You performed a compliance inspection in September 2006 and found that they did not have a valid certificate of coverage and were not keeping enough fuel in the premium unleaded tank to get a pass/fail reading. I just got off the phone with Nicole at the Assurance Fund seeking information on the "Certificate of Coverage". It appears the owner is having cash flow problems. I base this on the following

- The facility went through a total rebuild back in 2004 with new tanks being installed at that time
- They are on a payment plan with the Assurance Fund for program years 03, 04 and 05,
- They have not yet paid the Assurance Fund for program year 07, (they will be getting a past due notice soon from the assurance fund)
- They have yet to receive a "Certificate of Coverage" from the Assurance Fund for any of the program years, and
- We have never received information from the owner on the status of the pass/fail on the premium unleaded tank (has enough product been maintained in the tank to get a valid reading

In addition, Nicole at the Assurance Fund informed me that all the fund needed to issue a certificate of coverage are the monthly inventory reconciliation records that would demonstrate the system has not experienced a petroleum release. They have been trying to get this information for almost one year. I believe the problem may be a communication issue. The systems are fairly new with all the bell and whistles and I think the owner believes the pass/fail is all they need for the fund.

Jason please contact the owner or set some time aside to get with them and educate them on what they need to provide the fund in order to obtain a certificate of coverage. In addition, express the importance of maintaining enough fuel for the electronic equipment to function properly. Other words, keep enough fuel in the tank for the system to work properly or move the tank in "Temporary Closure", not to exceed one year until such time they can afford to maintain a proper fluid level in the tank. I guess another option would be to revert back to SIR for the premium tank, but that would be counter productive. You will also want to double check with the Assurance Fund to make sure you understand what type of leak detection records they are looking for. Nicole said they had the print out sheets but they did not include the monthly inventory reconciliation records. She also asked me if they were required to perform monthly inventory reconciliation for these tanks. I know they are but at that point I started to get a little confused and decided I would leave it with you to help us out

Bottom line: please work with the owner and the Assurance Fund to get them back into operational compliance. If they cannot get back into compliance quickly, we will have to take the steps necessary to close them down which would be starting with the COSA

Thanks Jason

Verne

DRAFT

Due 11/9/06

Ohio Department of Commerce, Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
P.O. Box 687, Reynoldsburg, Ohio 43068-9009
Phone (614) 752-7938 Fax (614) 752-7942

Notice of Underground Storage Tank Facility Violation

Facility Number:

Facility Name:

Address:

City/State/Postal Code:

Contact Number

Owner/Operator Name:

Address:

City/State/Postal Code:

Contact Number

IMPORTANT: Ohio Revised Code Section 3737.882(A)(1) requires facility owners/operators to operate their underground storage tank systems in accordance with the applicable sections of Chapter 3737 of the Ohio Revised Code. It is the responsibility of the owner and operator to become familiar with the requirements of the State Fire Marshal's Bureau of Underground Storage Tank Regulations (BUSTR) rules. BUSTR has the statutory authority to issue notices of violation. Failure to correct violations may result in fines up to the amount of $1,000 per day for each violation. Violations of the UST rules are listed below.

WHAT YOU NEED TO DO: Owners and operators shall correct all violations **no later than sixty (60) days after the Date of Inspection** noted on this notice. Owners and operators must submit documentation to the BUSTR office demonstrating that all violations have been corrected. Documentation may be submitted by the inspector at the time of inspection, by the owner/operator at the BUSTR office, by mail, by fax, or by e-mail. Please mail or fax documentation to the BUSTR office demonstrating correction of each violation. In addition, please include the pink copy of this form when submitting information to the BUSTR office.

1) ☐ ...Code 1301:7-9-04(B)(1). **Failure to submit annual registration application.** Method of correction: Submit a registration application and all fees that are past due to the Fee Unit and Registration Bureau (614-264-1023) and submit a copy of the registration certificate to BUSTR.

2) ☒ ...Code 1301:7-9-05(G)(1). **Failure to demonstrate a valid certificate of coverage from PUSTRCB.** Method of Correction: Obtain a certificate of coverage from PUSTRCB (800-224-4639) and submit a copy of the certificate to BUSTR.

3) ☐ ...Code 1301:7-9-08(C)(2)(a). **Failure to test cathodic protection system as required.** Method of correction: Contact a Certified UST Installer and immediately perform the work necessary to correct the pending violation. Submit test results and/or copies of invoices to BUSTR.

4) ☒ ...Code 1301:7-9-08(I)(2). **Inadequate operation or maintenance of a monthly method of leak detection.** Method of correction: Contact a Certified UST Installer and immediately perform the work necessary to correct the pending violation. Submit test results and/or copies of invoices to BUSTR.

5) ☐ ...Code 1301:7-9-06(F)(4)(a). **Failure to annually test automatic line leak detectors.** Method of correction: Contact a Certified UST Installer and immediately perform the work necessary to correct the pending violation. Submit test results and/or copies of invoices to BUSTR.

6) ☐ ...Code 1301:7-9-08(C)(4)(b). **Failure to perform periodic tightness test of pressure piping.** Method of correction: Contact a Certified UST Installer and immediately perform the work necessary to correct the pending violation. Submit test results and/or copies of invoices to BUSTR.

7) ☐ ...Code 1301:7-9-12(E)(4) or (5). **Failure to properly manage an UST system that has been out of service for more than twelve months.** Method of correction: Perform all necessary tests to place the UST system back into service or remove the UST system. Submit test results and/or copies of invoices to BUSTR.

8) ☐ ...OTHER: Code 1301:7-9-

(NOTE: Only violations checked above all pursuant to authority under: ORC 3737.88 and 3737.882)

☒ I provided the owner with a copy of this Notice of UST Facility Violation.

☐ I mailed a copy of this Notice of UST Facility Violation to the owner address listed above.

BUSTR Inspector: [signature] Date of Inspection: 9/7/06

NOTE TO OWNER/OPERATOR: If you do not agree with the violations listed above, you may contact the BUSTR office to discuss the violations. If you disagree with the violations, you may request a hearing before the State Fire Marshal or his designee. The request must be in writing and must be received by the BUSTR office within thirty days of the date of receipt of this notice. Failure to request a hearing within thirty days will result in the violations listed above becoming a final order.

With my signature, I am acknowledging that I received a copy of the Notice of UST Facility Violation and the accompanying copy of the information package.

Owner/Operator Name (print): Ryan A Lee Title: President

Owner/Operator Signature: [signature] Date: 9-7-06

DRAFT

Ohio Bureau of Underground Storage Tank Regulations Compliance Inspection Report

www.com.state.oh.us/odoc/ufm/ 800-686-2878

Page 1 of 1

☒ New Inspection ☐ Re-Inspection ☐ Referral/Complaint

Facility #: 11009720

Ownership of Tanks:
Chet's Fuel Mart Inc
312 E Sandusky St
Pickerington OH 43147

Location of Tanks:
Chet's Fuel Mart Inc.
312 E Sandusky St
Pickerington OH 43147

Owner Contact: Ryan Lucas
Phone Number: 614-563-2677

Facility Representative: Same
Phone Number: Same

Inspection Result:
☐ In Compliance at This Time
☐ Re-Inspection
☒ Violation Found

Items Compliant:	Yes	No
Tanks	☐	☒
Piping	☐	☒
UST Leak Detection	☐	☒
Piping Leak Detection	☐	☒
Record Keeping	☐	☒

Facility Information:	Yes	No
Delegated P.D.	☐	☒
Sensitive Area	☐	☒
Registration Current	☒	☐
PUSTRCB Certificate	☐	☒
Financial Responsibility	☐	☒

Lat 40.07203°
Long - 83.54145°

Tank/Piping Information:	Tank # 3	Tank # 4	Tank # 5	Tank #	Tank #	Tank #
Capacity (gallons)	12,000	8,000	6,000			
Product Stored	Gas	Gas	Diesel			
Tank Construction	FRP	FRP	FRP			
Status (CTU, TCL, CIS, ABN)	CIU	CIU	CIU			
Pressure, Suction or Gravity Piping	P	P	P			
Piping Construction	Dw Flexible	Dw Flexible	Dw Flexible			
Tank Release Detection Type	ATG	ATG	ATG			
Piping Leak Detection Type	ELLD	ELLD	ELLD			
Spill Prevention	Y	Y	Y			
Overfill Prevention	Y	Y	Y			
Corrosion Protection Tank	N/A	N/A	N/A			
Corrosion Protection Piping	N/A	N/A	N/A			

Observations Supporting Violations or Other Remarks:

I observed tanks #3 and #5 passing 0.2 gph test on last 30 days. Tank #4 (premium) is not passing 0.2 gph test, most likely not going because of low fuel in UST (65% gallons). PUSTRCB Certificate not on file. PUSTRCB does not have O/O in System. Recommended CSUI on UST. Not ATG. Advised owner to pay back maintenance fees and provide a passing 0.2 gph test on UST #4. I left op. manual completed from Veeder-Root passing 3.0 & 0.1 gph tests.

Inspector: [signature]
Date: 9/7/06 Time on Site: 1.5

Facility Representative: [signature]
Title: President Date: 9-7-06

COM 5220 Revised 04/03 Distribution: White - Agency Copy Canary - Owner Copy Pink - Inspector Copy

RECEIVED
DEC - 8 2014
SFM/BUSTR

UST Closure Assessment Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Facility No. 11009720

DRAFT

Prepared for:

Park National Bank

November 28, 2014

SPENCE
Environmental
Consulting, Inc.

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

UST Closure Assessment Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Facility No. 11009720

RECEIVED
DEC - 8 2014
SFM/BUSTR

Prepared for:

Park National Bank

DRAFT

Client: Mr. Daniel Turben
Park National Bank
720 Gardner Road
Springboro, Ohio 45066

Project No.: Park-06(14)

Distribution: Mr. Daniel Turben (2 Copies)
SEC File (1 Copy)

Date: November 28, 2014

Prepared by: _____
Tom J. Thrush, Environmental Technician

_____
R. Curtis Spence, P.E., President

Spence Environmental Consulting, Inc.
70 West Columbus Street
Pickerington, Ohio 43147
(614) 837-4750

SEC, Inc.

TABLE OF CONTENTS

Closure Form (Pages 1 - 12)

Appendices

Appendix A – Tables
- Table 1 – Soil Analytical Results – Light Distillates
- Table 2 – Soil Analytical Results – Middle Distillates

Appendix B – Figures
- Figure 1 – USGS Topographic Map
- Figure 2 – UST Closure Location
- Figure 3 – UST Closure Location (Inset)

Appendix C – Closure Permit & Inspection Form

Appendix D – Closure Analytical Testing Report, Chain of Custody Form & Accredited Laboratory Documentation

Appendix E – Disposal Documentation

Appendix F – Site Photographs

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Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations

CLOSURE ASSESSMENT FORM 2012

REPORT DATE: November 28, 2014 FACILITY ID#: 11609[illegible]

RECEIVED
DEC - 8 2014
SFM/BUSTR

OWNER/OPERATOR AND FACILITY DATA

1ST OWNER INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E Sandusky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464
PERMIT #:	9000104

FACILITY INFORMATION:

COMPANY:	Preston's IGA
ADDRESS:	282 E Sandussy St
CITY, ZIP:	Mechanicsburg, 43044
COUNTY:	Champaign
LAT/LONG (decimal):	40.07762, -83.54948
RELEASE #:	N/A
FIRE DEPARTMENT:	Mechanicsburg Fire Dept

UST OPERATOR INFORMATION:

COMPANY:	Preston's IGA
ADDRESS:	282 E Sandusky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

PROPERTY OWNER INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E SandUsky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

DATE THE UST WAS LAST USED: 7/12/07

PERSON (COMPANY) THAT LAST USED THE UST: Preston's IGA

SITE HISTORY AND VISUAL SITE EVALUATION

The site has a history of use as a grocery store and retail fuel station. Adjacent properties consist of residential properties to the north, east and south, and a residential property and a farm field to the west. The UST system was installed in 2004 and the USTs were of fiberglass reinforced plastic construction. The USTs were located beneath concrete in the central portion of the site.

One 12,000 gallon and one 8,000 gallon gasoline UST, as well as one 6,000 gallon diesel UST, were used for retail fueling.

The UST system was last used on July 12, 2007.

Two 12,000 gallon gasoline USTs were removed from the site on July 9, 2003, and received a No Further Action (NFA) status from BUSTR.

ACTIVITIES CONDUCTED DURING THIS CLOSURE

One 12,000 gallon gasoline UST, one 8,000 gallon gasoline UST, and one 6,000 gallon diesel UST, along with three dispensers and all associated piping (approximately 72') were removed on October 31, 2014.

Soil samples were collected from the walls of the tank cavity, beneath each dispenser, and beneath every 10' of piping run. Water was encountered in the tank cavity, so a water sample was collected instead of tank floor samples. The tank cavity measure approximately 59' x 35' x 9' deep, with a soil stockpile of approximately 413 cubic yards. The highest field screened samples were submitted for laboratory analysis per BUSTR regulations. The UST system was disposed of by Rumpke Waste & Recycling Services. Wastewater generated from cleaning the USTs was disposed of by Environmental Specialists, Inc.

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CLOSURE CONCLUSIONS

Select one of the following:

☒ A Tier 1 Source Investigation is required

☐ No Further Action is requested

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

UST ID	AGE	CAPACITY	PRODUCT	CONST MATERIAL	UST STATUS	DATE LAST USED	TPE STATUS	DISP. STATUS	DATE REMOVED
T0001	64	1,000	Gasoline	Steel	R	12/50	R	R	7/02
T0002	64	1,000	Gasoline	Steel	R	12/50	R	R	7/02
T0003	30	12,000	Gasoline	Fiberglass	R	7/12/07	R	R	10/21/14
T0004	30	8,000	Gasoline	Fiberglass	R	7/12/07	R	R	10/21/14
T0005	30	8,000	Diesel	Fiberglass	R	7/12/07	R	R	10/21/14

STATUS: *CIP = Closed-in-Place, CIS = Change-in-Service, CIU = Currently-in-Use, R = Removed, RE = Replaced, OOS<90 = Out of Service < 90 days, OOS>90 = Out-of-Service > 90 days, OOS>12 = Out-of-Service > 12 months*

SAMPLE DATA

SAMPLE COLLECTION PROCEDURES

Sample preservation:

Soil samples collected for analytical testing were placed in a cooler with ice for preservation.

Sampling equipment:

Soil samples were collected using disposable nitrile gloves and a shovel.

Sampling method:

Each soil sample was split into two portions. One portion was placed into new 4-oz. laboratory-grade glass jars and a cooler with ice. The second sample was placed into a zip-lock bag for field screening. The samples were stored in a cooler with ice until they were delivered to the testing lab.

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FIELD SCREENING

Instrument used: MiniRAE Lite PGM 7300 PID

Methodology

Headspace analysis technique by penetrating the zip-lock bag samples with the tip of the PID

Calibration procedure:

2 point method with ambient air and 100 ppm isobutylene per manufacturer's specifications.

GROUNDWATER DATA

Answer the following

Yes	No	N/A	
☒	☐		Was water present in excavation?
☐	☒	☐	Was the water evacuated from the cavity?
☒	☐	☐	Was a water sample collected prior to evacuation?
☐	☐	☒	Did the water recharge after evacuation?
☐	☐	☒	Was a water sample collected after evacuation?

If water was present in the excavation and no sample was collected, explain:

N/A

SOIL DATA

Select one of the following:

☒ SOIL CLASS 1 (USCS soil symbols GW, GP, GM, GC, SW, SP, SM)

NOTE: Geotechnical laboratory analysis documentation must be provided if soil class 2 or 3 is selected.

☐ SOIL CLASS 2 (USCS soil symbols SC, ML, CL, OL, MH)

☐ SOIL CLASS 3 (USCS soil symbols CH, OH, PT)

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FIELD SCREENING DATA FOR CLOSURE SAMPLING

Dimensions of excavation(s): 30' x 35' x 9'

Name and affiliation of person collecting samples: Tom Thrash, Spence Environmental Consulting, Inc.

SAMPLE ID	DATE	LOCATION	DEPTH	PID/FID READING (ppm)	SUBMITTED TO LAB?
NW-1	10/31/14	Sidewall North	5'	1.4	☒
NW-2	10/31/14	Sidewall North	5'	0.7	☐
NW-3	10/31/14	Sidewall North	5'	0.0	☐
NW-4	10/31/14	Sidewall North	5'	0.0	☐
EW-1	10/31/14	Sidewall East	5'	0.6	☒
EW-2	10/31/14	Sidewall East	5'	0.4	☐
EW-3	10/31/14	Sidewall East	5'	0.3	☐
EW-4	10/31/14	Sidewall East	5'	0.0	☐
SW-1	10/31/14	Sidewall South	5'	0.0	☐
SW-2	10/31/14	Sidewall South	5'	0.0	☐
SW-3	10/31/14	Sidewall South	5'	0.0	☐
SW-4	10/31/14	Sidewall South	5'	0.0	☐
WW-1	10/31/14	Sidewall West	5'	0.8	☐
WW-2	10/31/14	Sidewall West	5'	0.0	☐
WW-3	10/31/14	Sidewall West	5'	0.0	☐
WW-4	10/31/14	Sidewall West	5'	0.0	☐
D-1	10/31/14	Dispenser 1	3'	0.1	☒
D-2	10/31/14	Dispenser 2	3'	0.0	☒
D-3	10/31/14	Dispenser 3	3'	0.0	☒
P-1	10/31/14	Piping Run	2'	2.8	☐
P-2	10/31/14	Piping Run	2'	0.9	☐
P-3	10/31/14	Piping Run	2'	14.2	☒
P-4	10/31/14	Piping Run	2'	0.8	☐
P-5	10/31/14	Piping Run	2'	3.1	☐
P-6	10/31/14	Piping Run	2'	0.0	☐
P-7	10/31/14	Piping Run	2'	0.1	☐
P-8	10/31/14	Piping Run	2'	0.5	☐
					☐
					☐

FIELD SCREENING DATA FOR STOCKPILE SAMPLING

STOCKPILE ID	Stockpile 1			
VOLUME (yd³)	413			

SAMPLE ID	STOCKPILE ID	DATE	DEPTH	PID/FID READING (ppm)	SUBMITTED TO LAB?
SP-1	Stockpile 1	10/31/14	Grab	0.1	☒
SP-2	Stockpile 1	10/31/14	Grab	0.0	☐
SP-3	Stockpile 1	10/31/14	Grab	0.0	☐
SP-4	Stockpile 1	10/31/14	Grab	0.0	☐
SP-5	Stockpile 1	10/31/14	Grab	0.1	☒
SP-6	Stockpile 1	10/31/14	Grab	0.0	☐
SP-7	Stockpile 1	10/31/14	Grab	0.3	☒
SP-8	Stockpile 1	10/31/14	Grab	2.7	☒
SP-9	Stockpile 1	10/31/14	Grab	0.0	☐
SP-10	Stockpile 1	10/31/14	Grab	0.0	☒
SP-11	Stockpile 1	10/31/14	Grab	0.0	☐
SP-12	Stockpile 1	10/31/14	Grab	0.0	☒
SP-13	Stockpile 1	10/31/14	Grab	0.0	☐
SP-14	Stockpile 1	10/31/14	Grab	0.0	☐
SP-15	Stockpile 1	10/31/14	Grab	0.0	☒
SP-16	Stockpile 1	10/31/14	Grab	0.0	☐
SP-17	Stockpile 1	10/31/14	Grab	0.0	☐
SP-18	Stockpile 1	10/31/14	Grab	0.0	☒
					☐
					☐
					☐

SAMPLING DEFERRAL

Are any sampling deferrals addressed by this closure? YES ☐ NO ☒

If yes, explain and provide the release number of the sampling deferral:
N/A

LABORATORY DATA

Laboratory Name: Pace Analytical
Address: 1225 Dublin Road, Columbus, OH 43215
Phone #: (614) 486-5421
Accreditation (list at least one): Ohio VAP Certification # CL0065

Date samples received by lab: 11/3/14
Date samples analyzed by lab: 11/4/14, 11/5/14, 11/6/14, 11/8/14, 11/11/14, 11/12/14

UST EXCAVATION ANALYTICAL RESULTS

SAMPLE ID:	WATER TW		ACTION LEVEL	SOIL NW-1	SW-1			ACTION LEVEL
CHEMICAL OF CONCERN:								
BENZENE	0.059		0.005	<0.006	<0.006			0.149
TOLUENE	0.808		1	<0.006	<0.006			49.1
ETHYLBENZENE	0.117		0.7	<0.006	<0.006			45.3
TOTAL XYLENES	0.624		10	<0.011	<0.012			15.7
MTBE	<0.004		0.04	<0.006	<0.005			0.470
BENZO (a) ANTHRACENE	<0.0009		0.00026	<0.006	<0.006			11.0
BENZO (a) PYRENE	<0.0009		0.0002	<0.006	<0.006			1.1
BENZO (b) FLUORANTHENE	<0.0009		0.00017	<0.006	<0.006			11.0
BENZO (k) FLUORANTHENE	<0.0009		0.0017	<0.006	<0.006			110.0
CHRYSENE	<0.0009		0.017	<0.006	<0.006			1,100.0
DIBENZ (a,h) ANTHRACENE	<0.0009		0.00012	<0.006	<0.006			1.1
INDENO (1,2,3-cd) PYRENE	<0.0009		0.00022	<0.006	<0.006			11.0
NAPHTHALENE	0.014		0.14	<0.006	0.021			39.8
TPH (C6-C12)	N/A		N/A	<1.1	<1.2			1,000.0
TPH (C13-C28)	N/A		N/A	<11.3	<12.3			2,000.0
TPH (C29-C34)	N/A		N/A	N/A	N/A			5,000.0
OTHER:								

NOTES:

Concentrations are reported in mg/kg for soil and mg/l for water.

Soil results are to be reported on a dry weight basis.

For samples that have concentrations lower than detection limits, list the detection limit (e.g. < 0.005).

If action levels are exceeded, conduct a Tier 1 Source Investigation pursuant to OAC 1301:7-9-13(H).

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PIPING RUN/REMOTE FILL PIPE/DISPENSER ISLAND ANALYTICAL RESULTS

SAMPLE ID:	SOIL						ACTION LEVEL
	TP-1	TP-2	TP-3	P-3			
CHEMICAL OF CONCERN:							
BENZENE	<0.006	<0.006	<0.006	<0.006			0.149
TOLUENE	<0.006	<0.006	<0.006	<0.006			49.1
ETHYLBENZENE	<0.006	<0.006	<0.006	<0.006			45.5
TOTAL XYLENES	<0.012	<0.012	<0.012	<0.012			15.7
MTBE	<0.006	<0.006	<0.006	<0.006			0.470
BENZO (a) ANTHRACENE	<0.006	<0.006	<0.006	<0.006			1.0
BENZO (a) PYRENE	<0.006	<0.006	<0.006	<0.006			1.0
BENZO (b) FLUORANTHENE	<0.006	<0.006	<0.006	<0.006			1.0
BENZO (k) FLUORANTHENE	<0.006	<0.006	<0.006	<0.006			110.0
CHRYSENE	<0.006	<0.006	<0.006	<0.006			1,100.0
DIBENZ (a,h) ANTHRACENE	<0.006	<0.006	<0.006	<0.006			1.1
INDENO (1,2,3-cd) PYRENE	<0.006	<0.006	<0.006	<0.006			1.0
NAPHTHALENE	<0.006	0.008	<0.006	<0.006			39.8
TPH (C6-C12)	<1.2	<1.2	<1.2	<1.2			1,000.0
TPH (C10-C20)	<11.5	<12.1	<11.5	<11.8			2,000.0
TPH (C20-C34)							5,000.0
OTHER:							

NOTES:

Concentrations are reported in mg/kg for soil and mg/L for water.

Soil results are to be reported on a dry weight basis.

For samples that have concentrations less than detection limits, list the detection limit (e.g. < 0.005).

If action levels are exceeded, conduct a Tier 1 Source Investigation pursuant to OAC 1301:7-9-13(H).

STOCKPILE ANALYTICAL RESULTS

STOCKPILE SAMPLE ID:	SP-1	SP-5	SP-7	SP-8	SP-10	SP-12	ACTION LEVEL	RE-USE LEVEL
STOCKPILE ID:	1	1	1	1	1	1		
STOCKPILE DISPOSITION*:	R	R	R	R	R	R	(mg/kg)	(mg/kg)
CHEMICAL OF CONCERN:								
BENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.149	0.015
TOLUENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	49.1	4.91
ETHYLBENZENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	45.5	4.55
TOTAL XYLENES	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	15.7	15.7
MTBE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.470	0.047
BENZO (a) ANTHRACENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	11.0	2.2
BENZO (a) PYRENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1	1.1
BENZO (b) FLUORANTHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	11.0	5.53
BENZO (k) FLUORANTHENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	110.0	1.97
CHRYSENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1,100.0	4.27
DIBENZ (a,h) ANTHRACENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	1.1	0.94
INDENO (1,2,3-cd) PYRENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	11.0	0.15
NAPHTHALENE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	39.8	3.98
TPH (C6-C12)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1,000.0	1,000.0
TPH (C10-C20)	<10.3	<10.4	<10.3	<10.3	<10.3	<10.3	2,000.0	2,000.0
TPH (C20-C34)	N/A	N/A	N/A	N/A	N/A	N/A	5,000.0	5,000.0
OTHER:								

NOTES:

Soil results are to be reported on a dry weight basis.

For samples that have concentrations less than detection limits, list the detection limit (e.g. < 0.005).

** R = Retained on-site, L = Landfill, S = Stockpiled, T = Treatment by ISO Grapevine PCS Treatment Plant*

STOCKPILE ANALYTICAL RESULTS

STOCKPILE SAMPLE ID:	SP-15	SP-16					ACTION LEVEL (mg/kg)	RE-USE LEVEL (mg/kg)
STOCKPILE ID:	1	1						
STOCKPILE DISPOSITION*:	R	R						
CHEMICAL OF CONCERN:								
BENZENE	<0.005	<0.005					0.49	0.015
TOLUENE	<0.005	<0.005					49.1	4.91
ETHYLBENZENE	<0.005	<0.005					45.5	4.55
TOTAL XYLENES	<0.010	<0.010					15.7	15.7
MTBE	<0.005	<0.005					0.470	0.047
BENZO (a) ANTHRACENE	<0.005	<0.005					11.0	2.2
BENZO (a) PYRENE	<0.005	<0.005					1.1	1.1
BENZO (b) FLUORANTHENE	<0.005	<0.005					11.0	5.55
BENZO (k) FLUORANTHENE	<0.005	<0.005					110.0	1.97
CHRYSENE	<0.005	<0.005					1,100.0	1.27
DIBENZ (a,h) ANTHRACENE	<0.005	<0.005					1.1	0.94
INDENO (1,2,3-cd) PYRENE	<0.005	<0.005					11.0	0.15
NAPHTHALENE	<0.005	<0.005					59.8	5.98
TPH (C6-C12)	<1.0	<1.0					1,000.0	1,000.0
TPH (C10-C20)	<10.2	<10.3					2,000.0	2,000.0
TPH (C20-C34)	N/A	N/A					5,000.0	5,000.0
OTHER:								

NOTES:

Soil results are to be reported on a dry weight basis.

For samples that have concentrations less than detection limits, list the detection limit (e.g. < 0.005).

** R = Removed to reuse; L = Landfill; S = Stockpiled; T = Treatment by Soil Disposal POC Treatment Plan*

WASTE DISPOSAL DATA

UST SYSTEM DISPOSITION:

NAME: Rumpke Waste & Recycling Services

ADDRESS: 10795 Hughes Road

CITY/STATE/ZIP: Cincinnati, OH 45251

PRODUCT DISPOSITION:

NAME: N/A

ADDRESS:

CITY:

STATE/ZIP:

TOTAL VOLUME (gal):

WASTEWATER DISPOSITION:

NAME: Environmental Specialists, Inc.

ADDRESS: 55 Builders Drive

CITY: Newark

STATE/ZIP: OH 43055

TOTAL VOLUME (gal): 200

LEAK AUTOPSY DATA (complete this section only if "confirmed release")

POTENTIAL RELEASE SOURCE:

☒ Tank	☐ Piping	☐ Dispenser	☐ Submersible Pump
☐ Delivery Problem	☐ Unknown	☐ Other	☐ N/A

List specific sources:

Water in UST cavity is the only area above Closure Action Level.

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POTENTIAL CAUSE OF RELEASE:

☐ Spill ☐ Overfill ☐ Corrosion ☐ Install Problem ☐ N/A

☐ Physical / Mechanical Damage or Failure ☒ Unknown ☐ Other

List specific causes: Several factors could have caused contamination within the UST cavity, but the exact cause is not known

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PETROLEUM CONTAMINATED SOIL (PCS) FORM

This form should be completed and submitted within 120 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to storage or treatment, whichever comes first. A separate PCS form shall be completed for each stockpile generated.

OWNER/OPERATOR INFORMATION:

OWNER/OPERATOR NAME: Preston's IGA, LLC CONTACT PERSON: Ed Preston PHONE: (937) 834-3464

UST FACILITY INFORMATION:

FACILITY ID#: 11009720
FACILITY NAME: Preston's IGA
ADDRESS: 282 E. Sandusky St
CITY: Mechanicsburg
COUNTY: Champaign
STATE: OH ZIP: 43044

STORAGE FACILITY INFORMATION:

FACILITY ID#:
FACILITY NAME:
ADDRESS:
CITY:
COUNTY:
STATE: ZIP:

DISPOSAL/TREATMENT FACILITY INFORMATION:

FACILITY ID#:
FACILITY NAME:
ADDRESS:
CITY:
COUNTY:
STATE: ZIP:

CUBIC YARDS:

	On-site treatment (requires a treatment plan)
	Off-site treatment (requires a treatment plan)
	Soil analysis fails below Rule 16 re-use levels (RUL)
413	Returned to excavation (below site specific action levels) (RTE BAL)
	Returned to excavation (above site specific action levels) (RTE AAL)
	Disposal at a landfill (LFL)

STOCKPILE ID: Stockpile 1 DATE GENERATED: 10/31/14 DATE TRANSFERRED: N/A

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MISCELLANEOUS DATA

THE FOLLOWING ITEMS MUST BE ATTACHED:

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-12 OR ADDITIONAL INFORMATION WHICH CLARIFIES CLOSURE ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

TABLES:

TABLE 1 SOIL CONCENTRATIONS COMPARED TO ACTION LEVELS
TABLE 2 GROUND WATER CONCENTRATIONS COMPARED TO ACTION LEVELS

FIGURES:

FIGURE 1 TOPOGRAPHIC MAP
FIGURE 2 SITE MAP
FIGURE 3 SITE MAP WITH SOIL SAMPLING LOCATIONS AND CONCENTRATIONS
FIGURE 4 SITE MAP WITH GROUND WATER SAMPLING LOCATIONS AND CONCENTRATIONS

APPENDIX:

APPENDIX A PERMIT
APPENDIX B FIELD INSPECTION REPORT
APPENDIX C LABORATORY ANALYTICAL REPORT
APPENDIX D CHAIN OF CUSTODY FORM
APPENDIX E ACCREDITED LABORATORY DOCUMENTATION
APPENDIX F LABORATORY ANALYSIS SUMMARY FORM
APPENDIX G DISPOSAL DOCUMENTATION
APPENDIX H PHOTOGRAPHS
APPENDIX I MISCELLANEOUS DATA

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CERTIFIED FIRE SAFETY INSPECTOR:

NAME: Tim Thieksun
COMPANY/FD CUSTI Services
STREET ADDRESS: P.O. Box 89
CITY, STATE, ZIP: Reynoldsburg, OH 43068
PHONE # (614) 252-8422
ID #: 64-25-0001

CERTIFIED INSTALLER:

NAME: Steve Miller
COMPANY: S.M. Miller Construction Co
STREET ADDRESS: 5755 Beatty Road
CITY, STATE, ZIP: Grove City, OH 43123
PHONE # (614) 875-0261
ID #: 64-25-0042

CLOSURE FORM PREPARED BY:

NAME: Ryan Thursh
COMPANY: Spence Environmental Consulting, Inc.
STREET ADDRESS: 70 West Columbus Street
CITY, STATE, ZIP: Pickerington, OH 43147
PHONE #: (614) 837-4750
EMAIL: Tom.Thursh@SpenceEnv.com

This form must be signed by the UST owner/operator. The owner/operator is responsible for ensuring that all data is accurate, and that the form is legible and complete.

OWNER / OPERATOR SIGNATURE: [signature]
PRINT NAME: DANIEL W. TUBBEN **DATE:** 10-5-12
FED. NATIONAL BANK

CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1: Light distillate products including unleaded gasoline, leaded gasoline and aviation gasoline

Analytical Group 2: Middle distillate products including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels

Analytical Group 3: Heavy petroleum distillate products including, but not limited to, lubricating and hydraulic oils

Analytical Group 4: Used oil

Analytical Group 5: Unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

	Analytical Group Number	1	2	3	4	5	Analytical Methods
	Chemical	Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
Aromatics	Benzene	x	x		x		8021 / 8260
	Toluene	x	x		x		
	Ethylbenzene	x	x		x		
	o, (m) and p-Xylenes	x	x		x		
Additives	Methyl tertiary-butyl ether (MTBE)	x			x		
Polynuclear Aromatics	Benzo(a)anthracene		x	x	x		8270 / 8310
	Benzo(a)pyrene		x	x	x		
	Benzo(b)fluoranthene		x	x	x		
	Benzo(k)fluoranthene		x	x	x		
	Chrysene		x	x	x		
	Dibenz(a,h)anthracene		x	x	x		
	Indeno(1,2,3-c,d)pyrene		x	x	x		
Chlorinated Hydrocarbons	Naphthalene		x	x	x		
	Volatile Organic Hydrocarbons				x		8260
Total Petroleum Hydrocarbons *1	TPH (C6 - C12)	x			x		8015
	TPH (C10 - C20)		x		x		
	TPH (C20 - C34)			x	x		
Other	Varies based on MSDS contents			x	x	*2	Varies

*1 TPH analysis is not required for ground water samples.

*2 Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

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RUSTR CLOSURE ACTION LEVELS					
Chemicals of Concern	Soil Action Levels			Water	PCS Re-use
	Class 1 Soils	Class 2 Soils	Class 3 Soils		
Benzene	0.149	0.252	0.937	0.005	0.015
Toluene	49.1	70.8	86.0	1	4.91
Ethylbenzene	45.5	83.0	282.0	0.7	4.55
Total Xylenes	15.7	18.0	21.7	10	5.7
MTBE	0.470	0.788	3.440	0.04	0.047
Benzo(a)anthracene	11.0	11.0	11.0	0.00026	2.2
Benzo(a)pyrene	1.1	1.1	1.1	0.0002	1.1
Benzo(b)fluoranthene	11.0	11.0	11.0	0.00017	5.53
Benzo(k)fluoranthene	110.0	110.0	110.0	0.0017	1.97
Chrysene	1,100.0	1,100.0	1,100.0	0.047	1.27
Dibenz(a,h)anthracene	1.1	1.1	1.1	0.0002	0.94
Indeno(1,2,3-cd) pyrene	11.0	11.0	11.0	0.00022	0.15
Naphthalene	39.8	54.0	54.0	0.14	3.98
TPH C_6-C_{12}	1,000.0	5,000.0	8,000.0	-	1,000.0
TPH C_{10}-C_{20}	2,000.0	10,000.0	20,000.0	-	2,000.0
TPH C_{20}-C_{34}	5,000.0	20,000.0	40,000.0	-	5,000.0

Soil contaminant levels in mg/kg

Water contaminant levels in mg/L

Note: Geotechnical lab analysis must be provided if soil class 2 or 3 are used

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Appendix A

Tables

Table 1 – Soil Analytical Results – Light Distillates
Table 2 – Soil Analytical Results – Middle Distillates

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Table 1 - Soil Analytical Results - Light Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	TPH C5-C12
Closure Action Level (Class 1 Soils)			0.149	40.7	45.5	15.7	0.470	1,000
PCS Re-Use Action Level			*0.015*	*4.91*	*4.55*	*15.7*	*0.047*	1,000
Closure Action Level (Water)			0.005	1.0	0.7	10	*0.04*	N/A
UST Excavation Results								
NW-1	5'	10/31/14	<0.026	<0.026	<0.206	<0.011	<0.005	<1.1
HW-1	5'	10/31/14	<0.026	<0.026	<0.206	<0.012	<0.005	<1.2
TW	N/A	10/31/14	0.059	0.808	0.117	0.624	<0.004	N/A
Dispenser & Piping Run Results								
D-1	3'	10/31/14	<0.026	<0.026	<0.206	<0.012	<0.005	<1.2
D-2	3'	10/31/14	<0.026	<0.026	<0.206	<0.012	<0.005	<1.2
D-3	3'	10/31/14	<0.026	<0.026	<0.206	<0.012	<0.005	<1.2
P-3	2'	10/31/14	<0.026	<0.026	<0.206	<0.012	<0.005	<1.2
Stockpile Results								
SP-1	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-5	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-7	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-8	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-10	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-12	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-15	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0
SP-19	Grab	10/31/14	<0.025	<0.025	<0.205	<0.010	<0.005	<1.0

TW - Water Sample Collected From UST Cavity

Bold - Indicates Sample Above Closure Action Level

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Table 2 - Soil Analytical Results - Middle Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(123-cd) pyrene	Naphthalene	TPH C10-C20
Closure Action Level (Class I Soils)			11	1.1	11	110	1,100	1.1	11	39.8	2,000
PCS Release Action Level			3.2	1.1	3.53	1.97	1.27	0.56	2.15	3.90	2,200
Closure Action Level (Water)			0.00026	0.0002	0.00017	0.0017	4.7	0.00032	0.00022	0.14	N/A
UST Excavation Results											
NW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
EW-1	5	10/31/14	<0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.008	0.021	<12.9
TW	N/A	10/31/14	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	0.014	N/A
Dispenser & Piping Run Results											
D-1	3	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
D-2	3	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<12.1
D-3	3	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
P-3	2	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.9
Stockpile Results											
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.4
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.0
SP-9	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.9
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.0
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2
SP-18	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2

TW - Water Sample Collected From UST Cavity

LIMS

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Appendix B

Figures

Figure 1 – USGS Topographic Map
Figure 2 – UST Closure Location
Figure 3 – UST Closure Location (Inset)

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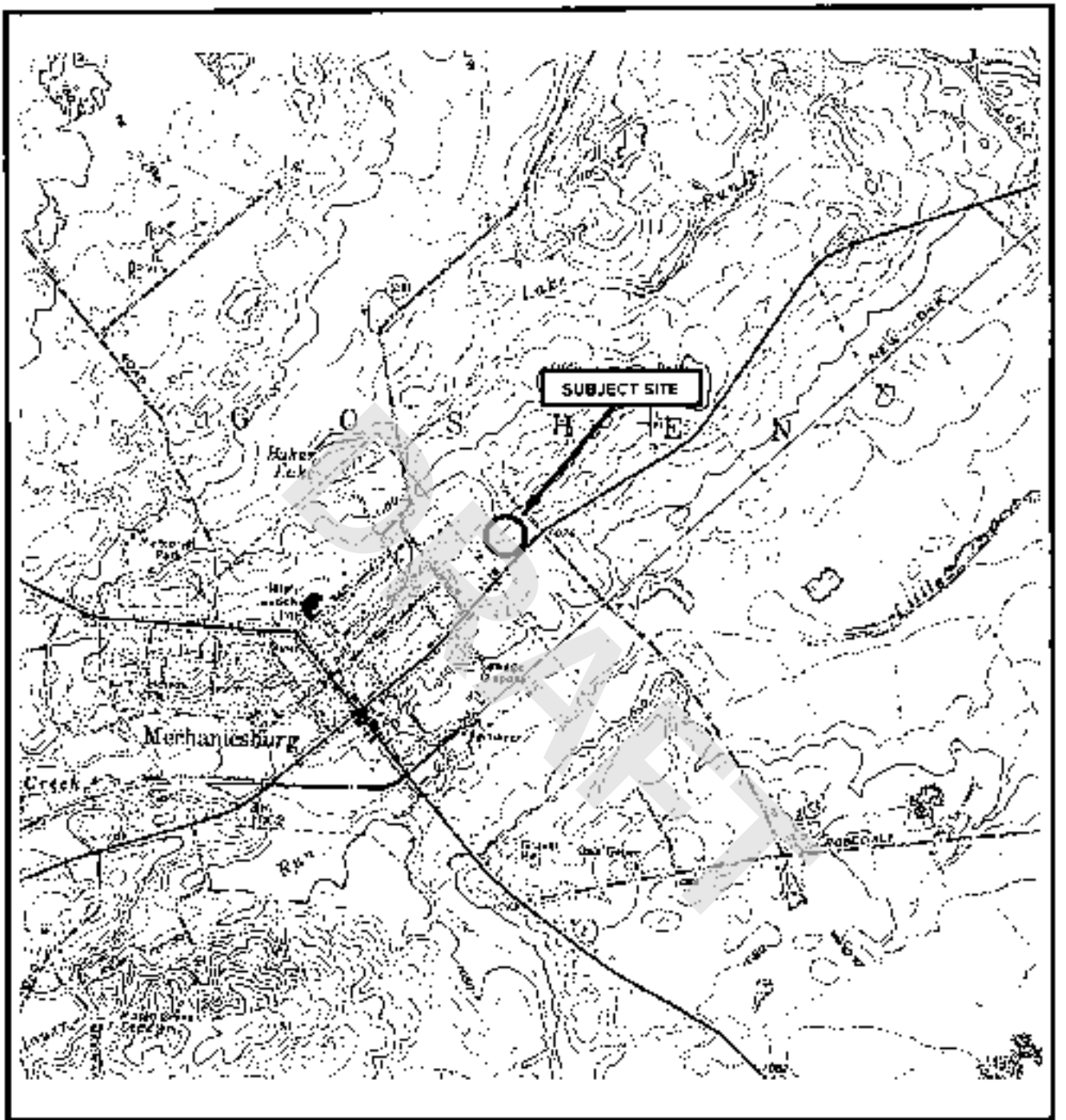


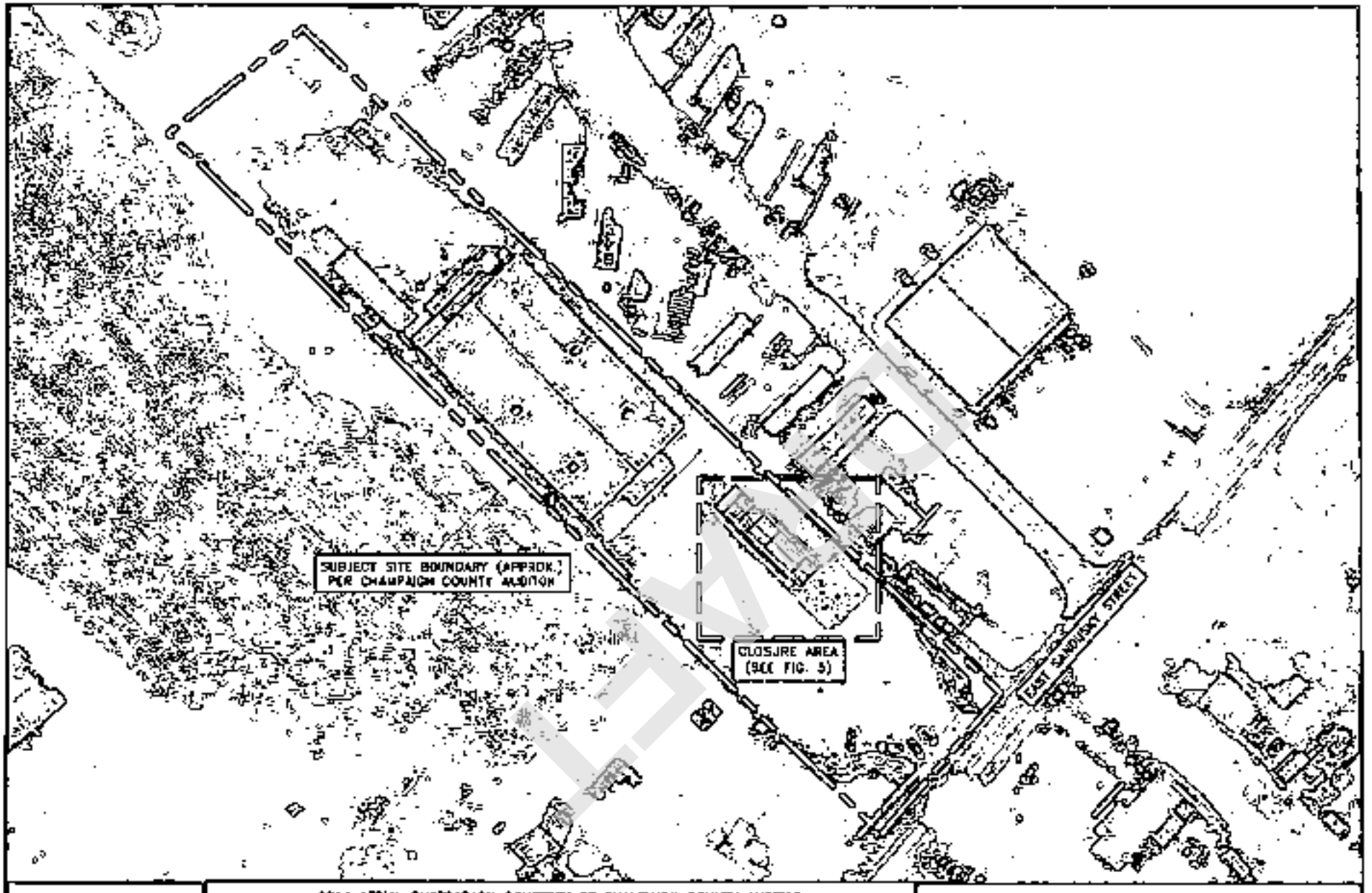
Mechanicsburg, Ohio 7.5 minute series USGS Quadrangle, 1990 Revision

N
W E
S

SCALE: 1" = ± 2,000'

FIGURE 1 – USGS Topographic Map
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio

SPENCE
Environmental
Consulting, Inc



2014 AERIAL PHOTOGRAPH COURTESY OF CHAMPAIGN COUNTY AUDITOR

NORTH

SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 2 – SITE PLAN

DATE: NOVEMBER 25, 2014

SCALE: 1" = 100'

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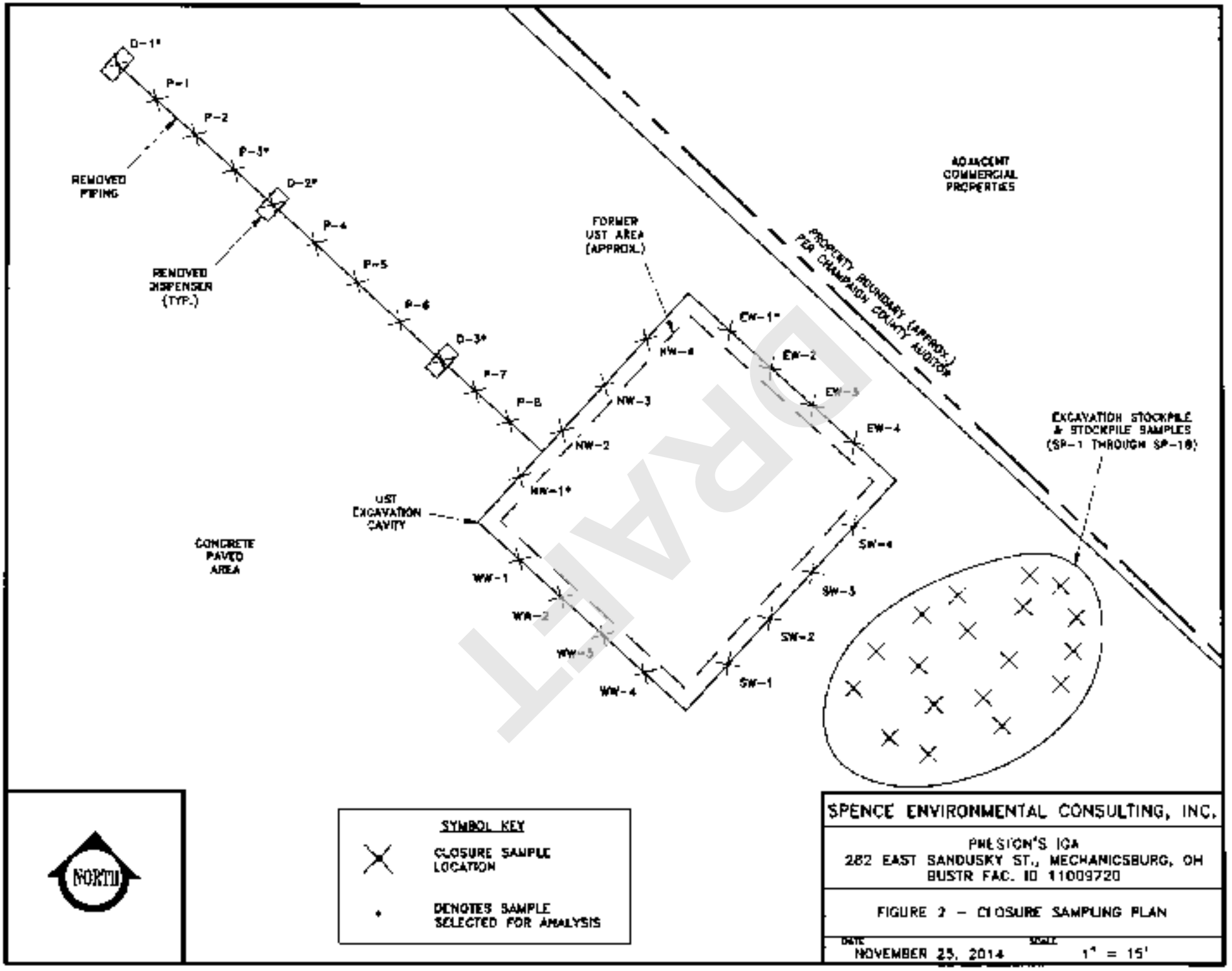
D-1*
P-1
P-2
P-3*
D-2*
P-4
P-5
P-6
D-3*
P-7
P-8
REMOVED PIPING
REMOVED DISPENSER (TYP.)
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
EXCAVATION STOCKPILE & STOCKPILE SAMPLES (SP-1 THROUGH SP-10)
UST EXCAVATION CAVITY
CONCRETE PAVED AREA
NW-4
NW-3
NW-2
NW-1*
EW-1*
EW-2
EW-3
EW-4
SW-4
SW-3
SW-2
SW-1
WW-1
WW-2
WW-3
WW-4
NORTH
SYMBOL KEY
CLOSURE SAMPLE LOCATION
DENOTES SAMPLE SELECTED FOR ANALYSIS
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 2 – CLOSURE SAMPLING PLAN
DATE
NOVEMBER 25, 2014
SCALE
1" = 15'
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Appendix C

UST Closure Permit and Inspection Form

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SEC, Inc.

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Andre T. Porter, Director

PERMIT FOR UNDERGROUND STORAGE TANKS

Owner No: W261211
Facility No.: 1009720

Permit Number: P000004
Issue Date: OCTOBER 28, 2014

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
SECURITY NATIONAL BANK DIV OF THE PARK NATIONAL BANK 40 S LIMESTONE ST SPRINGFIELD, OHIO 45502 CONTACT PERSON: DAN TURBEN PHONE: (937)286-9336	PRESTONS IGA 282 E SANDUSKY ST MECHANICSBURG Ohio 43044 COUNTY: CHAMPAIGN PHONE: FACILITY PHONE
III. CONTRACTOR INFORMATION	**IV. LOCAL FIRE DEPARTMENT INFORMATION**
S.M. MILLER CONSTRUCTION CO STEVE MILLER 5755 BEATTY RD GROVE CITY, OHIO 43123 PHONE:(614)875-0201	MECHANICSBURG FIRE DEPARTMENT 18 N MAIN ST MECHANICSBURG, OH 43044

V. PERMIT ISSUED FOR:

Work to be performed	Entire System	AST	Piping	Containment	Ancillary Equipment
Installation					
Modification					
Replace					
Major Repair					
Removal	3	0	0	0	0
Close in Place					
Change in Service					
Out-of-Service					

BUREAU USE ONLY

Certified Installer's Name _____ No _____

Certified Inspector's Signature _____ No _____

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Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 8200
Fax 614 | 752 7211
TTY/TDD 800 | 750-0750
www.com.ohio.gov

An Equal Opportunity Employer and Service Provider

State of Ohio—Department of Commerce

Division of State Fire Marshal—Bureau of Testing & Registration
P.O. Box 529, Reynoldsburg, Ohio, 43068
Phone (614) 752-7128 Fax (614) 995-4208
TTY/TDD 800-750-0750 www.com.ohio.gov

BUSTR Removal Field Inspection Report

(For Removal, Modification/Major Repair, Closure in Place, and Change in Service Activity)

☐ Preliminary ☐ Final	Owner #: W 26121	Facility #: 00972 0	Permit #: P0010 4	Permit Date: 10/28/14
Owner/Operator Name: SECURITY NATIONAL BANK		Facility Name: PRESTONS FOR
Address: 40 S. LIMESTONE ST		Address: 202 E. SANDUSKY ST
City/State/Zip: SPRINGFIELD, OH 45502		City/State/Zip: MECHANICSBURG, OH 43044

Tank ID Number	1	2	3			
Cavity ID Number	1	1	1			
Tank Capacity	12,000	8,000	6,000			
Tank Contents	GAS	PREMIUM	DIESEL			
☒ Removal ☐ Modification ☐ Major Repair of: ☒ UST System ☐ Tank ☐ Piping ☐ Other Component: (check to indicate all that apply)						
**Piping Inspection (LEL below 10%)	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
**Pre-cutting Inspection (LEL below 10%)	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
Removal of Tank from the Ground Observed	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
Holes observed in Tank (explain in Remarks)	Yes (No)	Yes (No)	Yes (No)	Yes No	Yes No	Yes No
Tank Cavity Appearance after Removal	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP
UST Cleaned and Rendered Unusable Before Leaving Site	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
☐ Closure-in-Place ☐ Change-in-Service						
Closure-in-Place Written Approval Observed	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Purging Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Pre-cutting Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Filling of: ☐ Tank ☐ Piping Observed	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Piping/Dispenser Removed (If Applicable)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Air Inspection – Removal Observations						
**Removal of Piping from the Ground Observed	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
**Holes observed in Piping (explain in Remarks)	Yes (No)	Yes (No)	Yes (No)	Yes No	Yes No	Yes No
**Piping Run Appearance after Removal	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP
**Backfill Cavity Appearance after Removal	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP

Remarks: 3 DISPENSER ISLANDS. TANK IN GOOD CONDITION SOLUTIONS SW ERP. DW PISCES PIPE.

*Tank/Cavity: O=Odor, W=Water, ST=Staining, FP=Free Product /** These are required for Removal, Modification or Major Repair Inspections.

Certified Installer Name (printed): STEVEN MILLER	Certified Inspector Name (printed): TIM TUCKSTON
Certified Installer Signature:	Certified Inspector Signature:
Certified Installer #: 63-25-42 Date: 10/31/14	Certified Inspector #: 64-25-3 Date: 10/31/14 Time on Site:

Distribution: White = Agency Copy Canary = Owner Copy Pink = Inspector Copy

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Appendix D

Closure Analytical Testing Report, Chain of Custody Form & Accredited Laboratory Documentation

DRAFT

Pace Analytical Services, Inc
Ohio NELAP Accredited
4663 Ulmer Parkway
Dublin OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis IN 46268
(317)228-3100

November 17, 2014

Tom Thrush
Spence Environmental
70 W Columbus Street
Pickerington, OH 43147

RE Project: Park-06 (14)
Pace Project No.: 50106353

Dear Tom Thrush
Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

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REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full
without written approval of Pace Analytical Services, Inc.

Pace Analytical Services, Inc
Not NELAP Accredited
4663 Ulger Parkway
Dublin OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Park 06 (14)
Pace Project No: 50136353

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200078
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky UST Certification #: 3042
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-0055
West Virginia Certification #: 330

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Pace Analytical Services, Inc.
Not NELAP Accredited
4050 Dacar Parkway
Dublin OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Park-06 (14)
Pace Project No.: 50106353

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50106353001	MW-1	Solid	10/31/14 10:21	11/03/14 12:54
50106353002	EW-1	Solid	10/31/14 10:34	11/03/14 12:54
50106353003	D-1	Solid	10/31/14 11:07	11/03/14 12:54
50106353004	D-2	Solid	10/31/14 11:18	11/03/14 12:54
50106353006	D-3	Solid	10/31/14 11:29	11/03/14 12:54
50106353008	P-1	Solid	10/31/14 11:22	11/03/14 12:54
50106353007	SP-1	Solid	10/31/14 09:14	11/03/14 12:54
50106353008	SP-5	Solid	10/31/14 09:24	11/03/14 12:54
50106353009	SP-7	Solid	10/31/14 09:29	11/03/14 12:54
50106353010	SP-8	Solid	10/31/14 09:32	11/03/14 12:54
50106353011	SP-10	Solid	10/31/14 09:37	11/03/14 12:54
50106353012	SP-12	Solid	10/31/14 09:42	11/03/14 12:54
50106353013	SP-15	Solid	10/31/14 09:49	11/03/14 12:54
50106353014	SP-18	Solid	10/31/14 09:56	11/03/14 12:54
50106353015	TW	Water	10/31/14 12:05	11/03/14 12:54

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Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5471

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Parks-28 (14)
Pace Project No.: 50106353

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50106353001	MW-1	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353002	EW-1	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353003	D-1	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353004	D-2	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353005	D-3	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353006	P-3	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353007	SP-1	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353008	SP-5	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
Not NELAP Accredited
1800 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Park 06 (14)
Pace Project No: 50106353

Lab ID	Sample ID	Method	Analysis	Analytes Reported
		EPA 8270 by S IM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353009	SP-7	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by S IM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353010	SP-8	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by S IM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353011	SP-10	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by S IM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353012	SP-12	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353013	SP-15	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353014	SP-18	EPA 8015 Mod Ext	DMT	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	GRM	8
		ASTM D2974-87	WDB	1
50106353015	TW	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	GRM	8

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ANALYTICAL RESULTS

Project: Park 06 114
Pace Project No.: 50106353

Sample: NW-1 Lab ID: 50106353001 Collected: 10/31/14 12:21 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.6	1	11/05/14 10:30	11/05/14 17:32		
TPH (C10-C20)	ND	mg/kg	11.3	1	11/05/14 10:30	11/05/14 17:32		
Surrogates								
n-Pentacosane (S)	64	%.	30-150	1	11/05/14 10:30	11/05/14 17:32	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.1	1		11/05/14 21:05		
Surrogates								
4-Bromofluorobenzene (S)	93	%.	38-160	1		11/05/14 21:05	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	207-08-9	
Chrysene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	193-39-5	
Naphthalene	ND	ug/kg	5.7	1	11/04/14 12:05	11/05/14 20:40	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	72	%	36-110	1	11/04/14 12:05	11/05/14 20:40	321-60-8	
p-Terphenyl-d14 (S)	72	%	32-111	1	11/04/14 12:05	11/05/14 20:40	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		11/12/14 01:17	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		11/12/14 01:17	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		11/12/14 01:17	1634-04-4	
Toluene	ND	ug/kg	5.7	1		11/12/14 01:17	108-88-3	
Xylene (Total)	ND	ug/kg	11.3	1		11/12/14 01:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	85-118	1		11/12/14 01:17	1868-53-7	
Toluene-d8 (S)	106	%	71-128	1		11/12/14 01:17	2037-26-5	
4-Bromofluorobenzene (S)	83	%.	50-144	1		11/12/14 01:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.8**	%	0.10	1		11/06/14 11:40		

Sample: EW-1 Lab ID: 50106353002 Collected: 10/31/14 13:34 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	24.7	1	11/05/14 10:30	11/05/14 17:39		
TPH (C10-C20)	ND	mg/kg	12.3	1	11/05/14 10:30	11/05/14 17:39		

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ANALYTICAL RESULTS

Project: Clark-05114
Pace Project No.: 60106353

Sample: EW-1 Lab ID: 60106353002 Collected: 10/31/14 13:34 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Surrogates								
n-Pentacosane (S)	60	%.	30-153	1	11/05/14 10:30	11/05/14 17:39	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.2	1		11/05/14 21:29		
Surrogates								
4-Bromofluorobenzene (S)	66	%.	38-183	1		11/05/14 21:29	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3545							
Benzo(a)anthracene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	56-55-3	
Benzo(a)pyrene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	207-08-9	
Chrysene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	193-39-5	
Naphthalene	21.3	ug/kg	6.2	1	11/04/14 12:05	11/05/14 21:34	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	38-110	1	11/04/14 12:05	11/05/14 21:34	321-60-8	
p-Terphenyl-d14 (S)	64	%.	32-118	1	11/04/14 12:05	11/05/14 21:34	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	6.2	1		11/12/14 02:55	71-43-2	
Ethylbenzene	ND	ug/kg	6.2	1		11/12/14 02:55	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	6.2	1		11/12/14 02:55	1634-04-4	
Toluene	ND	ug/kg	6.2	1		11/12/14 02:55	108-88-3	
Xylene (Total)	ND	ug/kg	12.4	1		11/12/14 02:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-118	1		11/12/14 02:55	1868-53-7	
Toluene-d8 (S)	106	%.	71-129	1		11/12/14 02:55	2037-26-5	
4-Bromofluorobenzene (S)	62	%.	56-144	1		11/12/14 02:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	19.4	%	0.10	1		11/08/14 11:40		

Sample: O-1 Lab ID: 60106353003 Collected: 10/31/14 11:07 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	23.0	1	11/05/14 10:30	11/05/14 17:47		
TPH (C10-C28)	ND	mg/kg	11.5	1	11/05/14 10:30	11/05/14 17:47		
Surrogates								
n-Pentacosane (S)	70	%.	30-153	1	11/05/14 10:30	11/05/14 17:47	629-99-2	

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ANALYTICAL RESULTS

Project: Para-DB (14)
Pace Project No: 50106353

Sample: D-1 **Lab ID:** 50106353003 **Collected:** 10/31/14 11:07 **Received:** 11/03/14 13:54 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.7	1		11/05/14 21:51		
Surrogates								
4-Bromofluorobenzene (S)	93	%.	38-168	1		11/05/14 21:51	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.9	1	11/04/14 12:05	11/05/14 21:52	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.0	1	11/04/14 12:05	11/05/14 21:52	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	207-08-9	
Chrysene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	193-39-5	
Naphthalene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 21:52	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%.	36-110	1	11/04/14 12:05	11/05/14 21:52	321-60-8	
p-Terphenyl-d14 (S)	79	%.	32-118	1	11/04/14 12:05	11/05/14 21:52	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		11/12/14 03:28	71-43-2	
Ethylbenzene	ND	ug/kg	5.8	1		11/12/14 03:28	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		11/12/14 03:28	1634-04-4	
Toluene	ND	ug/kg	5.0	1		11/12/14 03:28	108-88-3	
Xylene (Total)	ND	ug/kg	11.6	1		11/12/14 03:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	85-118	1		11/12/14 03:28	1868-53-7	
Toluene-d8 (S)	98	%.	71-126	1		11/12/14 03:28	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	56-140	1		11/12/14 03:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	13.5	%	0.10	1		11/06/14 11:40		

Sample: D-2 **Lab ID:** 50106353004 **Collected:** 10/31/14 11:18 **Received:** 11/03/14 13:54 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	24.1	1	11/05/14 10:30	11/05/14 17:54		
TPH (C10-C20)	ND	mg/kg	12.1	1	11/05/14 10:30	11/05/14 17:54		
Surrogates								
n-Pentacosane (S)	97	%.	30-153	1	11/05/14 10:30	11/05/14 17:54	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.2	1		11/05/14 22:14		

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ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50106353

Sample: D-2 Lab ID: 50106353004 Collected: 10/31/14 11:10 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Surrogates								
4-Bromofluorobenzene (S)	66 %		38-162	1		11/05/14 22:14	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND ug/kg		6.0	1	11/04/14 12:05	11/05/14 22:10	56-55-3	
Benzo(a)pyrene	ND ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		6.0	1	11/04/14 12:05	11/05/14 22:10	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	207-08-9	
Chrysene	ND ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	193-39-5	
Naphthalene	8.1 ug/kg		5.0	1	11/04/14 12:05	11/05/14 22:10	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	66 %		38-110	1	11/04/14 12:05	11/05/14 22:10	321-60-8	
p-Terphenyl-d14 (S)	58 %		32-111	1	11/04/14 12:05	11/05/14 22:10	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND ug/kg		5.1	1		11/12/14 04:31	71-43-2	
Ethylbenzene	ND ug/kg		5.1	1		11/12/14 04:31	100-41-4	
Methyl-tert-butyl ether	ND ug/kg		5.1	1		11/12/14 04:31	1634-04-4	
Toluene	ND ug/kg		5.1	1		11/12/14 04:31	108-88-3	
Xylene (Total)	ND ug/kg		17.1	1		11/12/14 04:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %		65-116	1		11/12/14 04:31	1868-53-7	
Toluene-d8 (S)	101 %		71-128	1		11/12/14 04:31	2037-26-5	
4-Bromofluorobenzene (S)	88 %		55-144	1		11/12/14 04:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	17.4 %		0.10	1		11/08/14 11:40		

Sample: D-3 Lab ID: 50106353005 Collected: 10/31/14 11:20 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND mg/kg		23.0	1	11/05/14 10:30	11/05/14 18:02		
TPH (C10-C40)	ND mg/kg		16.5	1	11/05/14 10:30	11/05/14 18:02		
Surrogates								
n-Pentacosane (S)	67 %		30-155	1	11/05/14 10:30	11/05/14 18:02	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C05-C17)	ND mg/kg		1.2	1		11/05/14 22:37		
Surrogates								
4-Bromofluorobenzene (S)	93 %		38-162	1		11/05/14 22:37	460-00-4	

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ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50106353

Sample: B-3 Lab ID: 50106353005 Collected: 10/31/14 11:29 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	207-08-9	
Chrysene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	193-39-5	
Naphthalene	ND	ug/kg	5.8	1	11/04/14 12:05	11/05/14 22:27	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77	%	38-110	1	11/04/14 12:05	11/05/14 22:27	321-60-8	
p-Terphenyl-d14 (S)	74	%	32-111	1	11/04/14 12:05	11/05/14 22:27	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.0	1		11/12/14 04:24	71-43-2	
Ethylbenzene	ND	ug/kg	5.8	1		11/12/14 04:24	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		11/12/14 04:24	1634-04-4	
Toluene	ND	ug/kg	5.8	1		11/12/14 04:24	108-88-3	
Xylene (Total)	ND	ug/kg	11.6	1		11/12/14 04:24	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%	85-118	1		11/12/14 04:24	1868-53-7	
Toluene-d8 (S)	101	%	71-120	1		11/12/14 04:24	2037-26-5	
4-Bromofluorobenzene (S)	87	%	56-144	1		11/12/14 04:24	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	10.6	%	0.10	1		11/06/14 11:40		

Sample: B-3 Lab ID: 50106353006 Collected: 10/31/14 11:22 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Fxl Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	23.7	1	11/05/14 10:30	11/05/14 18:29		
TPH (C10-C20)	ND	mg/kg	11.8	1	11/05/14 10:30	11/05/14 18:29		
Surrogates								
n-Pentacosane (S)	84	%	30-150	1	11/05/14 10:30	11/05/14 18:29	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Fxl							
TPH (C06-C12)	ND	mg/kg	1.2	1		11/06/14 23:00		
Surrogates								
4-Bromofluorobenzene (S)	85	%	38-163	1		11/06/14 23:00	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	50-32-8	

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ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50106353

Sample: P-3 Lab ID: 50106353006 Collected: 10/31/14 1[illegible]:22 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(b)fluoranthene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	207-08-9	
Chrysene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	193-39-5	
Naphthalene	ND	ug/kg	6.0	1	11/04/14 12:05	11/05/14 22:45	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	38-110	1	11/04/14 12:05	11/05/14 22:45	321-60-8	
p-Terphenyl-d14 (S)	82	%.	32-111	1	11/04/14 12:05	11/05/14 22:45	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	3.0	1		11/12/14 05:07	71-43-2	
Ethylbenzene	ND	ug/kg	3.0	1		11/12/14 05:07	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	3.0	1		11/12/14 05:07	1634-04-4	
Toluene	ND	ug/kg	3.0	1		11/12/14 05:07	108-88-3	
Xylene (Total)	ND	ug/kg	11.9	1		11/12/14 05:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	85-118	1		11/12/14 05:07	1868-53-7	
Toluene-d8 (S)	101	%.	71-126	1		11/12/14 05:07	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-144	1		11/12/14 05:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D297[illegible]-97							
Percent Moisture	**16.1**	%	0.10	1		11/06/14 11:40		

Sample: SP-1 Lab ID: 50106353007 Collected: 10/31/14 09:14 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 EPH Ohio Microwave	Analytical Method: EPA 8015 Mod. Ext. Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	20.5	1	11/05/14 10:30	11/05/14 18:16		
TPH (C10-C20)	ND	mg/kg	10.3	1	11/05/14 10:30	11/05/14 18:16		
Surrogates								
n-Pentacosane (S)	80	%	30-153	1	11/05/14 10:30	11/05/14 18:16	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod. Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/08/14 15:38		
Surrogates								
4-Bromofluorobenzene (S)	94	%.	39-163	1		11/08/14 15:38	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	207-08-9	

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ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50136353

Sample: SP-1 Lab ID: 50136353007 Collected: 10/31/14 09:14 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:03	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	84	%	39-110	1	11/04/14 12:05	11/05/14 23:03	321-60-8	
p-Terphenyl-d14 (S)	80	%	32-111	1	11/04/14 12:05	11/05/14 23:03	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 05:40	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 05:40	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 05:40	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 05:40	108-88-3	
Xylene (Total)	ND	ug/kg	10.3	1		11/12/14 05:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	85-118	1		11/12/14 05:40	1868-53-7	
Toluene-d8 (S)	96	%	71-126	1		11/12/14 05:40	2037-26-5	
4-Bromofluorobenzene (S)	91	%	56-144	1		11/12/14 05:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	3.0	%	0.10	1		11/06/14 11:41		

Sample: SP-5 Lab ID: 50136353008 Collected: 10/31/14 10:24 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	20.8	1	11/05/14 10:30	11/05/14 18:24		
TPH (C10-C28)	ND	mg/kg	10.4	1	11/05/14 10:30	11/05/14 18:24		
Surrogates								
n-Pentacosane (S)	87	%	30-150	1	11/05/14 10:30	11/05/14 18:24	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Dir							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/08/14 16:04		
Surrogates								
4-Bromofluorobenzene (S)	96	%	30-150	1		11/08/14 16:04	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	207-08-9	
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	53-70-3	

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ANALYTICAL RESULTS

Project: Pink-06 (14)
Pace Project No: 50106353

Sample: SP-5 Lab ID: 50106353008 Collected: 10/31/14 09:24 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by S IM Preparation Method: EPA 3546							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 23:21	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	42	%	38-110	1	11/04/14 12:05	11/05/14 23:21	321-60-8	
p-Terphenyl-d14 (S)	46	%	32-111	1	11/04/14 12:05	11/05/14 23:21	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.3	1		11/12/14 06:12	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		11/12/14 06:12	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		11/12/14 06:12	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 06:12	108-88-3	
Xylene (Total)	ND	ug/kg	10.4	1		11/12/14 06:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	85-118	1		11/12/14 06:12	1868-53-7	
Toluene-d8 (S)	98	%	76-128	1		11/12/14 06:12	2037-26-5	
4-Bromofluorobenzene (S)	91	%	86-144	1		11/12/14 06:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	3.9	%	0.10	1		11/05/14 11:41		

Sample: SP-7 Lab ID: 50106353009 Collected: 10/31/14 09:28 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	20.7	1	11/05/14 10:30	11/05/14 18:21		
TPH (C10-C28)	ND	mg/kg	10.3	1	11/05/14 10:30	11/05/14 18:21		
Surrogates								
n-Pentacosane (S)	70	%	30-153	1	11/05/14 10:30	11/05/14 18:21	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 01:16		
Surrogates								
4-Bromofluorobenzene (S)	94	%	38-163	1		11/06/14 01:16	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by S IM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	207-08-9	
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:15	91-20-3	

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ANALYTICAL RESULTS

Project: Park 86 (T4)
Pace Project No.: 92103353

Sample: SP-7 Lab ID: 92106353009 Collected: 10/31/14 09:20 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Surrogates								
2-Fluorobiphenyl (S)	80	%	39-110	1	11/04/14 12:05	11/05/14 00:15	321-60-8	
p-Terphenyl-d14 (S)	83	%	37-111	1	11/04/14 12:05	11/05/14 00:15	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		11/12/14 06:45	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 06:45	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		11/12/14 06:45	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 06:45	108-88-3	
Xylene (Total)	ND	ug/kg	10.4	1		11/12/14 06:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	85-118	1		11/12/14 06:45	1868-53-7	
Toluene-d8 (S)	88	%	71-128	1		11/12/14 06:45	2037-26-5	
4-Bromofluorobenzene (S)	91	%	56-144	1		11/12/14 06:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	8.7	%	0.10	1		11/06/14 13:41		

Sample: SP-8 Lab ID: 92106353010 Collected: 10/31/14 09:32 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	20.6	1	11/05/14 10:30	11/05/14 18:39		
EPH (C10-C20)	ND	mg/kg	10.3	1	11/05/14 10:30	11/05/14 18:39		
Surrogates								
n-Pentacosane (S)	74	%	30-153	1	11/05/14 10:30	11/05/14 18:39	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 01:39		
Surrogates								
4-Bromofluorobenzene (S)	98	%	38-153	1		11/06/14 01:39	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	207-08-9	
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 00:33	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	79	%	39-110	1	11/04/14 12:05	11/05/14 00:33	321-60-8	

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ANALYTICAL RESULTS

Project: Park-08 (14)
Pace Project No: 50106353

Sample: SP-8 Lab ID: 50106353010 Collected: 10/31/14 09:32 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Surrogates								
p-Terphenyl-d14 (S)	61	%.	37-181	1	11/04/14 12:05	11/05/14 00:51	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 07:18	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 07:18	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 07:18	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 07:18	108-88-3	
Xylene (Total)	ND	ug/kg	10.4	1		11/12/14 07:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	85-115	1		11/12/14 07:18	1868-53-7	
Toluene-d8 (S)	99	%.	71-128	1		11/12/14 07:18	2037-26-5	
4-Bromofluorobenzene (S)	81	%	86-144	1		11/12/14 07:18	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	4.0	%	0.10	1		11/06/14 11:41		

Sample: SP-10 Lab ID: 50106353011 Collected: 10/31/14 09:37 Received: 11/03/14 13:54 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	20.6	1	11/05/14 10:30	11/05/14 16:48		
TPH (C10-C20)	ND	mg/kg	10.3	1	11/05/14 10:30	11/05/14 16:48		
Surrogates								
n-Pentacosane (S)	75	%	30-153	1	11/05/14 10:30	11/05/14 16:48	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 02:01		
Surrogates								
4-Bromofluorobenzene (S)	101	%	38-183	1		11/06/14 02:01	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	207-08-9	
Chrysene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	11/04/14 12:05	11/05/14 00:51	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	68	%	38-113	1	11/04/14 12:05	11/05/14 00:51	321-60-8	
p-Terphenyl-d14 (S)	76	%	32-111	1	11/04/14 12:05	11/05/14 00:51	1718-51-0	

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ANALYTICAL RESULTS

Project: Park-Oil (14)
Pace Project No: 50106353

Sample: SP-10 Lab ID: 50106353011 Collected: 10/31/14 09:27 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 07:50	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 07:50	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 07:50	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 07:50	108-88-3	
Xylene (Total)	ND	ug/kg	10.4	1		11/12/14 07:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	86-118	1		11/12/14 07:50	1868-53-7	
Toluene-d8 (S)	98	%	71-129	1		11/12/14 07:50	2037-26-5	
4-Bromofluorobenzene (S)	91	%	56-144	1		11/12/14 07:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-97							
Percent Moisture	3.4	%	0.10	1		11/06/14 11:41		

Sample: SP-12 Lab ID: 50106353012 Collected: 10/31/14 09:42 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext		Preparation Method: EPA 3546					
Total Petroleum Hydrocarbons	ND	mg/kg	20.7	1	11/05/14 10:30	11/05/14 16:54		
TPH (C10-C20)	ND	mg/kg	10.3	1	11/05/14 10:30	11/05/14 16:54		
Surrogates								
n-Pentacosane (S)	79	%	30-153	1	11/05/14 10:30	11/05/14 16:54	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 02:24		
Surrogates								
4-Bromofluorobenzene (S)	99	%	38-165	1		11/06/14 02:24	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM		Preparation Method: EPA 3546					
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	207-08-9	
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/05/14 01:09	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	60	%	38-112	1	11/04/14 12:05	11/05/14 01:09	321-60-8	
p-Terphenyl-d14 (S)	79	%	32-111	1	11/04/14 12:05	11/05/14 01:09	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 08:23	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 08:23	100-41-4	

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ANALYTICAL RESULTS

Project: Park-08 (14)
Pace Project No.: 50106353

Sample: SP-12 Lab ID: 50106353012 Collected: 10/21/14 09:42 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 08:23	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 08:23	108-88-3	
Xylene (Total)	ND	ug/kg	10.3	1		11/12/14 08:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	85-118	1		11/12/14 08:23	1868-53-7	
Toluene-d8 (S)	97	%	71-120	1		11/12/14 08:23	2037-26-5	
4-Bromofluorobenzene (S)	91	%	56-144	1		11/12/14 08:23	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	3.4	%	0.10	1		11/06/14 11:41		

Sample: SP-15 Lab ID: 50106353013 Collected: 10/21/14 09:49 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext		Preparation Method: EPA 3546					
Total Petroleum Hydrocarbons	ND	mg/kg	20.4	1	11/05/14 10:30	11/06/14 19:31		
TPH (C10-C20)	ND	mg/kg	10.2	1	11/05/14 10:30	11/06/14 19:31		
Surrogates								
n-Pentacosane (S)	73	%	30-153	1	11/05/14 10:30	11/06/14 19:31	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 02:47		
Surrogates								
4-Bromofluorobenzene (S)	79	%	38-163	1		11/06/14 02:47	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM		Preparation Method: EPA 3546					
Benzo(a)anthracene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	207-08-9	
Chrysene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	11/04/14 12:05	11/06/14 01:27	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	85	%	38-110	1	11/04/14 12:05	11/06/14 01:27	321-60-8	
p-Terphenyl-d14 (S)	89	%	32-111	1	11/04/14 12:05	11/06/14 01:27	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 08:56	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 08:56	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 08:56	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 08:56	108-88-3	

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ANALYTICAL RESULTS

Project: Park-09 (14)
Pace Project No.: 50106353

Sample: SP-15 Lab ID: 50106353013 Collected: 10/31/14 09:49 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/kg	12.9	1		11/12/14 08:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	85-118	1		11/12/14 08:56	1868-53-7	
Toluene-d8 (S)	95	%	71-126	1		11/12/14 08:56	2037-26-5	
4-Bromofluorobenzene (S)	93	%	55-144	1		11/12/14 08:56	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	3.1	%	0.10	1		11/06/14 11:41		

Sample: SP-16 Lab ID: 50106353014 Collected: 10/31/14 09:56 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.6	1	11/05/14 10:30	11/05/14 19:08		
TPH (C10-C28)	ND	mg/kg	12.3	1	11/05/14 10:30	11/05/14 19:08		
Surrogates								
n-Pentacosane (S)	75	%	30-153	1	11/05/14 10:30	11/05/14 19:08	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.0	1		11/06/14 03:10		
Surrogates								
4-Bromofluorobenzene (S)	84	%	38-163	1		11/06/14 03:10	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3545							
Benzo(a)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	207-08-9	
Chrysene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	11/04/14 12:05	11/06/14 01:45	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	83	%	36-116	1	11/04/14 12:05	11/06/14 01:45	321-60-8	
p-Terphenyl-d14 (S)	89	%	32-117	1	11/04/14 12:05	11/06/14 01:45	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.2	1		11/12/14 09:29	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1		11/12/14 09:29	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		11/12/14 09:29	1634-04-4	
Toluene	ND	ug/kg	5.2	1		11/12/14 09:29	108-88-3	
Xylene (Total)	ND	ug/kg	10.4	1		11/12/14 09:29	1330-20-7	

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ANALYTICAL RESULTS

Project: Park-08 (14)
Pace Project No.: 50136350

Sample: SP-18 **Lab ID: 50136350014** Collected: 10/31/14 09:56 Received: 11/03/14 13:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	103 %		85-118	1		11/12/14 09:29	1868-53-7	
Toluene-d8 (S)	98 %		71-126	1		11/12/14 09:29	2037-26-5	
4-Bromofluorobenzene (S)	89 %		56-144	1		11/12/14 09:29	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	3.7 %		1.0	1		11/06/14 11:41		

Sample: TW **Lab ID: 50136350015** Collected: 10/31/14 13:06 Received: 11/03/14 13:54 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE	Preparation Method: EPA 3510						
Benzo(a)anthracene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	207-08-9	
Chrysene	ND ug/L		0.50	1	11/04/14 13:07	11/04/14 22:29	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	11/04/14 13:07	11/04/14 22:29	193-39-5	
Naphthalene	14.4 ug/L		1.0	1	11/04/14 13:07	11/04/14 22:29	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	50 %		21-114	1	11/04/14 13:07	11/04/14 22:29	321-60-8	
p-Terphenyl-d14 (S)	86 %		25-131	1	11/04/14 13:07	11/04/14 22:29	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	88.1 ug/L		5.0	1		11/11/14 22:33	71-43-2	
Toluene	808 ug/L		50.0	10		11/12/14 20:15	108-88-3	
Ethylbenzene	117 ug/L		5.0	1		11/11/14 22:33	100-41-4	
Xylene (Total)	624 ug/L		10.0	1		11/11/14 22:33	1330-20-7	
Methyl-tert-butyl ether	ND ug/L		4.0	1		11/11/14 22:33	1634-04-4	
Surrogates								
Dibromofluoromethane (S)	94 %		79-116	1		11/11/14 22:33	1868-53-7	
Toluene-d8 (S)	97 %		81-110	1		11/11/14 22:33	2037-26-5	
4-Bromofluorobenzene (S)	107 %		80-114	1		11/11/14 22:33	460-00-4	

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QUALITY CONTROL DATA

Project: Park-05114
Pace Project No.: 50106353

QC Batch: GCV/6651 Analysis Method: EPA 8015 Mod Pur
QC Batch Method: EPA 8015 Mod Pur Analysis Description: 8015 Solid GCV
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

METHOD BLANK: 1183923 Matrix: Solid
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C08-C12)	mg/kg	ND	1.0	11/05/14 20:43	
4-Bromofluorobenzene (S)	%	93	38-163	11/05/14 20:43	

LABORATORY CONTROL SAMPLE: 1183924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C08-C12)	mg/kg	10	10.2	102	75-139	
4-Bromofluorobenzene (S)	%			117	38-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1183925 1183926

Parameter	Units	50106353006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH (C08-C12)	mg/kg	ND	11.9	11.8	10.1	10.2	84	85	10-157	1	20	
4-Bromofluorobenzene (S)	%						101	95	38-163			

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QUALITY CONTROL DATA

Project: Park DG (14)
Pace Project No.: 50106353

QC Batch: GCV/18662 Analysis Method: EPA 8015 Mod Pur
QC Batch Method: EPA 8015 Mod Pur Analysis Description: 8015 Solid GCV
Associated Lab Samples: 50106353007, 50105353008

METHOD BLANK: 1185323 Matrix: Solid
Associated Lab Samples: 50106353007, 50105353008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C12)	mg/kg	ND	1.0	11/06/14 06:43	
4-Bromofluorobenzene (S)	%	99	38-163	11/06/14 06:43	

LABORATORY CONTROL SAMPLE: 1185324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C12)	mg/kg	10	9.9	99	75-139	
4-Bromofluorobenzene (S)	%			113	38-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1185325 1185326

Parameter	Units	50106585008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qua
TPH (C06-C12)	mg/kg	ND	12.2	12.2	5.2	8.1	53	44	10-151	22	20	R1
4-Bromofluorobenzene (S)	%						89	93	38-163			

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QUALITY CONTROL DATA

Project: Park-05 (14)
Pace Project No.: 50106353

QC Batch: MSV/70735 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV UST Low Level
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

METHOD BLANK: 1187037 — Matrix: Solid
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	11/12/14 03:44	
Ethylbenzene	ug/kg	ND	5.0	11/12/14 03:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	11/12/14 03:44	
Toluene	ug/kg	ND	5.0	11/12/14 03:44	
Xylene (Total)	ug/kg	ND	10.0	11/12/14 03:44	
4-Bromofluorobenzene (S)	%	96	55-144	11/12/14 03:44	
Dibromofluoromethane (S)	%	99	85-118	11/12/14 03:44	
Toluene-d8 (S)	%	95	71-128	11/12/14 03:44	

LABORATORY CONTROL SAMPLE: 1187038

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	51.4	103	74-118	
Ethylbenzene	ug/kg	50	49.2	98	72-120	
Methyl-tert-butyl ether	ug/kg	100	99.7	100	68-129	
Toluene	ug/kg	50	48.1	96	71-121	
Xylene (Total)	ug/kg	150	146	97	85-124	
4-Bromofluorobenzene (S)	%			100	55-144	
Dibromofluoromethane (S)	%			95	85-118	
Toluene-d8 (S)	%			96	71-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1187039 — 1187040

Parameter	Units	50106353013 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qua
Benzene	ug/kg	ND	56.7	56.7	59.5	61.0	103	109	27-140	5	23	
Ethylbenzene	ug/kg	ND	56.7	56.7	57.3	55.7	101	98	10-144	3	23	
Methyl-tert-butyl ether	ug/kg	ND	113	113	117	119	103	105	30-147	2	23	
Toluene	ug/kg	ND	56.7	56.7	61.0	62.7	107	110	10-140	3	23	
Xylene (Total)	ug/kg	ND	170	170	164	159	96	94	10-143	3	23	
4-Bromofluorobenzene (S)	%						90	90	56-144			
Dibromofluoromethane (S)	%						99	98	85-118			
Toluene-d8 (S)	%						106	108	71-128			

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QUALITY CONTROL DATA

Project: Park-08 (14)
Pace Project No.: 50106353

QC Batch: MSV/70735
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST WATER
Associated Lab Samples: 50106353015

METHOD BLANK: 1187035 Matrix: Water
Associated Lab Samples: 50106353015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	11/11/14 12:52	
Ethylbenzene	ug/L	ND	5.0	11/11/14 12:52	
Methyl-tert-butyl ether	ug/L	ND	4.0	11/11/14 12:52	
Toluene	ug/L	ND	5.0	11/11/14 12:52	
Xylene (Total)	ug/L	ND	10.0	11/11/14 12:52	
4-Bromofluorobenzene (S)	%	96	80-114	11/11/14 12:52	
Dibromofluoromethane (S)	%	96	79-115	11/11/14 12:52	
Toluene-d8 (S)	%	98	81-113	11/11/14 12:52	

LABORATORY CONTROL SAMPLE: 1187036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.5	107	74-122	
Ethylbenzene	ug/L	50	54.2	108	86-133	
Methyl-tert-butyl ether	ug/L	100	105	105	69-127	
Toluene	ug/L	50	51.6	103	72-122	
Xylene (Total)	ug/L	150	161	107	70-124	
4-Bromofluorobenzene (S)	%			100	80-114	
Dibromofluoromethane (S)	%			97	79-115	
Toluene-d8 (S)	%			97	81-113	

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Park-05 (14)
Pace Project No: 50106353

QC Batch: OEXT/37377 Analysis Method: EPA 8015 Mod Ex.
QC Batch Method: EPA 3546 Analysis Description: EPA 8015 TPH Drin
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

METHOD BLANK: 1183533 Matrix: Solid
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	ND	20.0	11/05/14 16:25	
TPH (C10-C28)	mg/kg	ND	10.0	11/05/14 16:25	
n-Pentacosane (S)	%	72	30-153	11/05/14 16:25	

LABORATORY CONTROL SAMPLE: 1183534

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	833	548	66	43-88	
n-Pentacosane (S)	%			72	30-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1183535 1183536

Parameter	Units	50106353002 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Petroleum Hydrocarbons	mg/kg	42.9	93.6	93.3	51.6	72.4	52	32	10-136	23	20	R1
n-Pentacosane (S)	%						107	87	30-153			

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QUALITY CONTROL DATA

Project: Park-26 (141)
Pace Project No.: 50106353

QC Batch: OEXT/32274
QC Batch Method: EPA 3510
Analysis Method: EPA 8270 by SIM LVF
Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50106353015

METHOD BLANK: 1183124
Matrix: Water
Associated Lab Samples: 50106353015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	11/04/14 20:09	
Benzo(a)pyrene	ug/L	ND	0.10	11/04/14 20:09	
Benzo(b)fluoranthene	ug/L	ND	0.10	11/04/14 20:09	
Benzo(k)fluoranthene	ug/L	ND	0.10	11/04/14 20:09	
Chrysene	ug/L	ND	0.50	11/04/14 20:09	
Dibenz(a,h)anthracene	ug/L	ND	0.10	11/04/14 20:09	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	11/04/14 20:09	
Naphthalene	ug/L	ND	1.0	11/04/14 20:09	
2-Fluorobiphenyl (S)	%	92	21-114	11/04/14 20:09	
p-Terphenyl-d14 (S)	%	98	25-131	11/04/14 20:09	

LABORATORY CONTROL SAMPLE: 1183125

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.8	98	51-134	
Benzo(a)pyrene	ug/L	10	12.0	120	48-141	
Benzo(b)fluoranthene	ug/L	10	11.4	114	48-139	
Benzo(k)fluoranthene	ug/L	10	12.1	121	48-140	
Chrysene	ug/L	10	10.9	109	53-136	
Dibenz(a,h)anthracene	ug/L	10	10.2	102	44-132	
Indeno(1,2,3-cd)pyrene	ug/L	10	10.7	107	45-132	
Naphthalene	ug/L	10	7.2	72	30-112	
2-Fluorobiphenyl (S)	%			98	21-114	
p-Terphenyl-d14 (S)	%			103	25-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1183126 1183127

Parameter	Units	50106365005 Result	MS Spike Conc.	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/L	ND	10	10	8.2	7.3	82	73	31-127	11	20	
Benzo(a)pyrene	ug/L	ND	10	10	7.2	6.8	72	68	13-121	6	20	
Benzo(b)fluoranthene	ug/L	ND	10	10	7.3	6.5	73	65	10-119	11	20	
Benzo(k)fluoranthene	ug/L	ND	10	10	7.2	6.9	72	69	10-118	4	20	
Chrysene	ug/L	ND	10	10	9.0	8.2	90	82	32-127	10	20	
Dibenz(a,h)anthracene	ug/L	ND	10	10	4.2	4.1	42	41	10-114	4	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	10	4.6	4.4	46	44	10-108	4	20	
Naphthalene	ug/L	ND	10	10	7.0	5.7	70	57	10-119	28	20	R1
2-Fluorobiphenyl (S)	%						81	65	21-114			

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QUALITY CONTROL DATA

Project: Park 08 (14)
Pace Project No.: 60136353

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1193126 1193127

Parameter	Units	60136353005 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
p-Terphenyl-d14 (S)	%						83	77	25-121			

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QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50106353

QC Batch: OEXT37375 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

METHOD BLANK: 1183133 — Matrix: Solid
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	11/05/14 20:04	
Benzo(a)pyrene	ug/kg	ND	5.0	11/05/14 20:04	
Benzo(b)fluoranthene	ug/kg	ND	5.0	11/05/14 20:04	
Benzo(k)fluoranthene	ug/kg	ND	5.0	11/05/14 20:04	
Chrysene	ug/kg	ND	5.0	11/05/14 20:04	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	11/05/14 20:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	11/05/14 20:04	
Naphthalene	ug/kg	ND	5.0	11/05/14 20:04	
2-Fluorobiphenyl (S)	%	87	30-110	11/05/14 20:04	
p-Terphenyl-d14 (S)	%	94	32-131	11/05/14 20:04	

LABORATORY CONTROL SAMPLE: 1183134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	240	72	40-124	
Benzo(a)pyrene	ug/kg	333	254	76	44-124	
Benzo(b)fluoranthene	ug/kg	333	260	78	44-125	
Benzo(k)fluoranthene	ug/kg	333	255	77	42-122	
Chrysene	ug/kg	333	247	74	44-124	
Dibenz(a,h)anthracene	ug/kg	333	246	74	44-119	
Indeno(1,2,3-cd)pyrene	ug/kg	333	251	75	44-119	
Naphthalene	ug/kg	333	220	66	42-103	
2-Fluorobiphenyl (S)	%			65	30-110	
p-Terphenyl-d14 (S)	%			70	32-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1183135 — 1183136

Parameter	Units	50106353001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Benzo(a)anthracene	ug/kg	ND	376	374	318	281	84	76	23-124	20	20	
Benzo(a)pyrene	ug/kg	ND	376	374	328	267	87	71	23-120	21	20	R1
Benzo(b)fluoranthene	ug/kg	ND	376	374	328	272	87	73	24-117	19	20	
Benzo(k)fluoranthene	ug/kg	ND	376	374	355	269	95	72	14-120	22	20	R1
Chrysene	ug/kg	ND	376	374	327	273	87	73	22-124	18	20	
Dibenz(a,h)anthracene	ug/kg	ND	376	374	322	265	85	71	25-113	19	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	376	374	319	257	85	69	15-121	22	20	R1
Naphthalene	ug/kg	ND	376	374	308	278	82	74	15-125	10	20	

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QUALITY CONTROL DATA

Project: Park-CO (14)
Pace Project No: 50105353

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1183135 1183136

Parameter	Units	50106353001 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Fluorobiphenyl (S)	%						78	70	38-110			
p-Terphenyl-d14 (S)	%						82	69	32-111			

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QUALITY CONTROL DATA

Project: Park-09 (14)
Pace Project No.: 50106353

QC Batch: PMST/10366 — Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 — Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50106353001, 50106353002, 50106353003, 50106353004, 50106353005, 50106353006, 50106353007, 50106353008, 50106353009, 50106353010, 50106353011, 50106353012, 50106353013, 50106353014

SAMPLE DUPLICATE: 1185872

Parameter	Units	50106353001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.8	11.9	1	5	

SAMPLE DUPLICATE: 1185873

Parameter	Units	50106542004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.1	20.6	2	5	

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QUALIFIERS

Project: Park-06 (14)
Pace Project No: 50106353

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

MDL - Adjusted Method Detection Limit

PQL - Practical Quantitation Limit

RL - Reporting Limit

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration

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TNI - The NELAC Institute

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park-06 (14)
Pace Project No.: 50106353

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50106353001	NW-1	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353002	EW-1	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353003	D-1	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353004	D-2	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353005	D-3	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353006	P-3	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353007	SP-1	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353008	SP-5	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353009	SP-7	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353010	SP-8	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353011	SP-10	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353012	SP-12	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353013	SP-15	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353014	SP-18	EPA 3546	OEXT/37377	EPA 8015 Mod Ext	GCSV/13443
50106353001	NW-1	EPA 8015 Mod Pur	GCV/18651		
50106353002	EW-1	EPA 8015 Mod Pur	GCV/18651		
50106353003	D-1	EPA 8015 Mod Pur	GCV/18651		
50106353004	D-2	EPA 8015 Mod Pur	GCV/18651		
50106353005	D-3	EPA 8015 Mod Pur	GCV/18651		
50106353006	P-3	EPA 8015 Mod Pur	GCV/18651		
50106353007	SP-1	EPA 8015 Mod Pur	GCV/18652		
50106353008	SP-5	EPA 8015 Mod Pur	GCV/18652		
50106353009	SP-7	EPA 8015 Mod Pur	GCV/18651		
50106353010	SP-8	EPA 8015 Mod Pur	GCV/18651		
50106353011	SP-10	EPA 8015 Mod Pur	GCV/18651		
50106353012	SP-12	EPA 8015 Mod Pur	GCV/18651		
50106353013	SP-15	EPA 8015 Mod Pur	GCV/18651		
50106353014	SP-18	EPA 8015 Mod Pur	GCV/18651		
50106353015	TW	EPA 3510	OEXT/37374	EPA 8270 by SIM LVE	MSSV/16456
50106353001	NW-1	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353002	EW-1	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353003	D-1	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353004	D-2	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353005	D-3	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353006	P-3	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353007	SP-1	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353008	SP-5	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353009	SP-7	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353010	SP-8	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353011	SP-10	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353012	SP-12	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353013	SP-15	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353014	SP-18	EPA 3546	OEXT/37375	EPA 8270 by SIM	MSSV/16464
50106353001	NW-1	EPA 8260	MSV/70736		
50106353002	EW-1	EPA 8260	MSV/70736		
50106353003	D-1	EPA 8260	MSV/70736		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park-05 (14)
Pace Project No.: 50106353

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50106353004	D-2	EPA 8260	MSV/70736		
50106353006	D-3	EPA 8260	MSV/70736		
50106353008	P-3	EPA 8260	MSV/70736		
50106353007	SP-1	EPA 8260	MSV/70736		
50106353009	SP-5	EPA 8260	MSV/70736		
50106353008	SP-7	EPA 8260	MSV/70736		
50106353010	SP-8	EPA 8260	MSV/70736		
50106353011	SP-10	EPA 8260	MSV/70736		
50106353012	SP-12	EPA 8260	MSV/70736		
50106353013	SP-15	EPA 8260	MSV/70736		
50106353014	SP-18	EPA 8260	MSV/70736		
50106353015	TW	EPA 8260	MSV/70736		
50106353001	MW-1	ASTM D2974-87	PMST/10366		
50106353002	EW-1	ASTM D2974-87	PMST/10366		
50106353003	D-1	ASTM D2974-87	PMST/10366		
50106353004	D-2	ASTM D2974-87	PMST/10366		
50106353005	D-3	ASTM D2974-87	PMST/10366		
50106353006	P-3	ASTM D2974-87	PMST/10366		
50106353007	SP-1	ASTM D2974-87	PMST/10366		
50106353008	SP-6	ASTM D2974-87	PMST/10366		
50106353009	SP-7	ASTM D2974-87	PMST/10366		
50106353010	SP-8	ASTM D2974-87	PMST/10366		
50106353011	SP-10	ASTM D2974-87	PMST/10366		
50106353012	SP-12	ASTM D2974-87	PMST/10366		
50106353013	SP-15	ASTM D2974-87	PMST/10366		
50106353014	SP-18	ASTM D2974-87	PMST/10366		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1705743

Section A — Required Client Information:

Company: Spence Environmental
Address: 70 W. Columbus St.
Pickerington, OH 43147
Email To: Tom.Thrush@SpenceEnv.com
Phone: 614-837-4755 Fax: 614-837-4753
Requested Due Date/TAT: Standard

Section B — Required Project Information:

Report To: Tom Thrush
Copy To:
Purchase Order No.:
Project Name: Park-06(14)
Project Number: Park-06(14)

Section C — Invoice Information:

Attention: Tom Thrush
Company Name: Spence Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER _____
Site Location — State: OH

Requested Analysis Filtered (Y/N)

ITEM #	Section D — SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO3	HCl	NaOH	$Na_2S_2O_3$	MeOH	Other	Test	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	NW-1	SL	G				2								X	BTEX (8260)		5010633 001
2	EW-1	SL	G				2								X	BTEX (8260)		002
3	D-1	SL	G		11:07		2								X	BTEX (8260)		003
4	D-2	SL	G		11:18		2								X	BTEX (8260)		004
5	D-3	SL	G		11:29		2								X	BTEX (8260)		005
6	P-3	SL	G		11:22		2								X	BTEX (8260)		006
7	SP-1	SL	G		9:14		2								X	BTEX (8260)		007
8	SP-5	SL	G		9:24		2								X	BTEX (8260)		008
9	SP-7	SL	G		9:29		2								X	BTEX (8260)		009
10	SP-9	SL	G		9:32		2								X	BTEX (8260)		010
11	SP-10	SL	G		9:17		2								X	BTEX (8260)		011
12	SP-12	SL	G		9:43		2								X	BTEX (8260)		012

Matrix Codes: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

TPH (GRO) (8015); TPH (DRO) (8015); PAH (8270)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	TSEC	11-3-14			11-5-14	13:00	6.0	Y	N	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Tom Thrush
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 10-31-14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1705739

Section A Required Client Information:

Company: Spruce Environmental
Address: 70 W. Columbus St.
Pickerington OH 43147
Email To: Tom.Thrush@SpruceEnv.com
Phone: 614-837-4775 Fax: 614-837-9755
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Tom Thrush
Copy To:
Purchase Order No.:
Project Name: Park - 06(14)
Project Number: Park - 06(14)

Section C Invoice Information:

Attention: Tom Thrush
Company Name: Spruce Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Codes (MATRIX CODE)	Sample Type (SAMPLE TYPE)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test Y/N	BTEX/MTBE (8260)	TPHMCA-C12(8015)	TPH(Gro-C30)(8015)	PAH(8270)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SP-15	SL	G				2								X	X	X	X	X			013
2	SP-18	SL	G				2								X	X	X	X	X			014
3	TW	WT	G				5				X				X	X		X				015
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Matrix Codes (MATRIX CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	TSEC	11-3-14		[signature]	11-3-14	1350	1.0	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thrush
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-31-14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-AU-I-03-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Client Name: Shaw

Project # 50106353

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other ___

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact ☐ yes ☑ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer Used 1 2 3 4 5 A B C D E Type of Ice (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 6.1 Ice Visible in Sample Containers: ☐ yes ☑ no

(Corrected, if applicable)

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: KMT

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	5.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	6.
Containers Intact:	☑Yes	☐No	☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes	☐No	☐N/A	8.
All containers needing preservation have been checked? (exceptions: VOA, coliform, TOC, O&G) All containers needing preservation are found to be in compliance with EPA recommendation(<2, >9, >12) unless otherwise noted.	☐Yes	☐No	☑N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	10.
Trip Blank Present:	☐Yes	☑No	☐N/A	11.
Trip Blank Custody Seals Present:	☐Yes	☐No	☑N/A	
Pace Project Manager Review:				
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	12.
Sufficient Volume:	☑Yes	☐No	☐N/A	13.
Correct Containers Used:	☑Yes	☐No	☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 10/23/14

Form F-IN-Q-290-rev.05, 10Sep2013

DRAFT

Sample Container Count

CLIENT: Pace

COC PAGE 1 of 2
COC :p# 1105743

Project # 50106353

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4 oz	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH >12	Comments
1		2																		
2		2																		
3		2																		
4		2																		
5		2																		
6		2																		
7		2																		
8		2																		
9		2																		
10		2																		
11		2																		
12		2																		

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1J	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFJ	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9L	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500ml NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCl
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

DRAFT

Sample Container Count

CLIENT: Sonic

COC PAGE 2 of 2
COC ID# 1105739

Project # 50106353

Page 37 of 37

Item	DG9H	AG1U	WGFU	AG0U	R	4 / 8	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	____	pH <2	pH>12	Comments
1			2																		
2			2																		
3	2			2																	
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9I	40mL ESP amber vial
AG1U	1 liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	Air	Air Filter	VG9H	40mL HCL clear vial
BP3U	250ml unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9R	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

DRAFT

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: November 17, 2014 FACILITY ID#: _____

3010358

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	HCl/Ice		
List the cooler temperature upon receipt	6 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☒	No ☐	NA ☐
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☒	No ☐
Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs. 1185325, 1185326, 1183535, 1183536, 1183126, 1183127, 1183135, 1183136	Yes ☒	No ☐
Were there any data qualifiers noted by the lab? If so, list sample IDs. 1185325, 1185326, 1183535, 1183536, 1183126, 1183127, 1183135, 1183136	Yes ☒	No ☐

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☐ No ☒

Check lab certification that applies: ☐ Ohio EPA DDGW ☒ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list).

COMPLETED BY

Print Name of Lab Representative and Title	Signature	Date
Joyce Sarapata, Project Manager, Pace Analytical	Joyce Sarapata	11/17/14

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Appendix E

Disposal Documentation

DRAFT

RUMPKE

Waste & Recycling Services

WASTE CHARACTERIZATION DATA SHEET

for Rumpke Use

Rumpke Approval Number: | **Re-certification Date:**

1. Generator Information

Company Name: S.M. Miller Const | E-mail: gina@smmco.com

Street Addres 5755 Beatty | City: Groveport | County: Franklin | State OH | Zip 43125

Company Contact: Steve Miller | Phone: 614 875 4053 | Fax: 614 875 4058

EPA Generator ID # (if applicable): | Facility SIC Code:

2. Waste Generation Location

Generating Facility Location: SAME

Street Address: 6831 E Sandel Ky | City: Mechanicsburg | County: Champaign | State OH | Zip:

Facility Contact Name: | Phone: | Fax:

3. Billing Information

Company Name: S.M. Miller Const | E-mail: gina@smmco.com

Street Address: 5755 Beatty Rd | City: Groveport | State OH | Zip 43125

Billing Contact: Gina Hersey | Phone: 614 875 4801 | Fax: 614 875 4058

Purchase Order Number: | Amount: | Expiration Date:

4. Waste Stream Information

a. Waste Description: Fiberglass mat

b. Process Generating the Waste: Vat mat trimmed and washed

c. Chemical Composition (Please list the complete composition of the waste. Total should be at least 100%. Ranges are acceptable.)

Constituent	%	Constituent	%

d. Virgin Product? ☐ Yes ☐ No MSDS attached? ☐ Yes ☑ No

e. Physical Form: ☑ Solid ☐ Semi-solid/Sludge ☐ Powder ☐ Liquid

f. Amount: 60 ☐ Tons ☑ Cubic Yards ☐ Gallons ☐ Other:

Frequency: ☐ One time only ☐ Weekly ☐ Monthly ☐ Other:

g. Method of Shipment: ☑ Bulk/Loose ☐ Drum ☐ Bagged/Boxed ☐ Other

h. Transportation by: ☑ Rumpke ☐ Other

i. Recommended Special Handling: N/A

j. Does the waste contain free liquids?	☐ Yes	☑ No
k. Pursuant to 40 CFR 261 and applicable state regulations, is this waste a listed or characteristic hazardous waste?	☐ Yes	☑ No
l. Have Material Safety Data Sheets applicable to the waste been reviewed to determine if the material should be managed as a RCRA, TSCA, and/or other regulated waste?	☐ Yes	☑ No
m. Does the waste contain regulated asbestos material?	☐ Yes	☑ No
n. Does the waste generate heat, fugitive dust, or exhibit a strong odor? (please specify)	☐ Yes	☑ No

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RUMPKE

Waste & Recycling Services

WASTE CHARACTERIZATION DATA SHEET

o. Is this waste a listed DOT hazardous material? (please specify)	☐ Yes	☑ No
p. Does the waste contain any radioactive material, including NORM?	☐ Yes	☑ No
q. Does the waste contain any concentrations of PCBs?	☐ Yes	☑ No
r. Does the waste contain any infectious agents, DEA regulated substances, or FIFRA regulated substances? (please specify)	☐ Yes	☑ No
s. Is this a CERCLA regulated waste?	☐ Yes	☑ No
t. Has the waste been treated? If yes, please describe (attach additional information if necessary):	☐ Yes	☑ No

5. Sampling & Analysis

a. Has a representative sample (or samples) been analyzed to characterize this waste?	☐ Yes	☑ No

b. Representative Sample Certification

1. Was the sample obtained in accordance with 40 CFR 261 or equivalent methods? ☐ Yes ☐ No
2. Type of sample(s). ☐ Grab ☐ Composite
3. Applicable sample ID names/numbers
4. If multiple samples, briefly describe sampling protocol (attach additional information if necessary).

c. Please attach a copy of the final, signed laboratory report with case narrative and chain of custody. Preliminary reports will not be accepted.

6. Generator Certification

I certify I personally have examined and am familiar with the waste stream identified above and all information is true, accurate, and complete to the best of my knowledge. All analytical results, Material Safety Data Sheets, and other supporting information submitted are truthful and representative of the waste. No waste classified as hazardous waste, regulated PCB waste, infectious waste, or any other waste prohibited from being accepted by the disposal facility will be delivered for disposal. I am aware of the significant penalties for submitting a false certification, including the possibility of fine and imprisonment. I will immediately notify Rumpke of any changes to this waste that may impact its regulatory classification.

☑ I am an employee of the company identified in Section 1: Generator Information.

☐ I am an agent signing on behalf of the company identified in Section 1: Generator Information. Proof of authorization is available upon request.

Name: Gina Metzger Title: Office Mgr.

Signature: Gina M. Metzger Date: 11/6/14

Rumpke Decision

☐ Approved ☐ Rejected by:

Disposal Facility:

RUMPKE
Waste & Recycling Services
Industrial Waste

10795 Hughes Road, Cincinnati, OH 45251
Phone (800) 582.3107 Fax (513) 385.9628

EMPTY CONTAINER CERTIFICATION

"In completing this certification, I certify to the best of my knowledge the empty containers offered for disposal formerly held: Fiberglass tank Hardware cleaned and crushed.
(Name of Material)
and meet the following definition of empty pursuant to **40 Code of Federal Regulations** 261.7:

- A container or an inner liner removed from a container is empty if
  1. All wastes have been removed that can be removed using the practices commonly employed to remove materials from this type of container, e.g., pouring, pumping, and aspirating, *and*
  2. No more than 2.5 centimeters (1 inch) of residue remains on the bottom of the container or inner liner, *or*
  3. No more than three (3) percent by weight of the total capacity of the container remains in the container or inner liner if the container is less than or equal to 110 gallons in size, *or*
  4. No more than 0.3 percent by weight of the total capacity of the container remains in the container or inner liner if the container is greater than or equal to 110 gallons in size.
- A container that has held a compressed gas is empty when the pressure in the container approaches atmospheric and the container has been punctured and/or the valve has been removed.
- A container or an inner liner removed from a container that has held an acute hazardous waste listed in 40 CFR 261.31, 261.32, or 261.33(e) is empty if:
  1. The container or inner liner has been triple rinsed using a solvent capable of removing the commercial chemical intermediate;
  2. The container or inner liner has been cleaned by another method that has been shown in the scientific literature, or by tests conducted by the generator, to achieve equivalent removal; or
  3. In the case of a container, the inner liner that prevented contact of the commercial chemical product or manufacturer chemical intermediate with the container has been removed.
- The container or inner liner at no time held any TSCA regulated PCB containing materials.
- **Please note for DOT hazardous materials:** any containers that held or hold a DOT hazardous material have been sufficiently cleaned of residue and purged of vapors to remove any potential hazard or are otherwise excluded from DOT regulation per 49 CFR 173.29.*

Company Name: Dm miller Construction Co. Inc.
Company Representative (Print): Gina Heiser
Company Representative (Signature): Gina Heiser
Title: office mgr.
Phone No.: 614-805-7801
Date: 10/11/14

DRAFT

THE TORCH AWARD
2005 WINNER

10314-2

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of 1 | 3. Emergency Response Phone: 800 929-9942-101 | 4. Manifest Tracking Number: 10025 52

Generator's Site Address (if different than mailing address)

5. Generator's Name and Mailing Address: Former Chet's IGA, 282 East Sandusky Street, Mechanicsburg, OH 43044 USA

282 East Sandusky Street, Mechanicsburg, OH 43044 USA

Generator's Phone:

6. Transporter 1 Company Name: FeaCorp Corporation | U.S. EPA ID Number: OHD987048810

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: Environmental Restoration, Inc. (Newark), 55 Builders Drive, Newark, OH 43055 USA | U.S. EPA ID Number: OHR000160663

Facility's Phone: 888-331-3478

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1 NONHAZARDOUS MATERIAL, NOT REGULATED BY DOT/EPA, PETROLEUM CONTAMINATED WATER FOR RECOVERY	1	T	300	G
2				
3				
4				

13. Special Handling Instructions and Additional Information
Q1 FROM: Mr. WPS FCE-ROM#21, CHET'S IGA (FORMER)
CONTACT: STEVE MILLER/MILLER CONSTR. AND 'Sandusky Street Mechanicsburg Ohio'
INSTRUCTION: VACUUM RINSEATE WATER WASH FROM U87 W STINGER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Steve Miller for Fe Corp | Signature | Month: 10 | Day: 31 | Year: 14

INTL: 15. Transported Shipment(s): ☐ Import to U.S. ☐ Export from U.S. | Port of Entry/Exit: | Date Leaving U.S.:

TRANSPORTER: 16. International Shipments (continued)

Transporter 1 Printed/Typed Name: Richard Self | Signature | Month: 10 | Day: 31 | Year: 14

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY: 17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18a. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

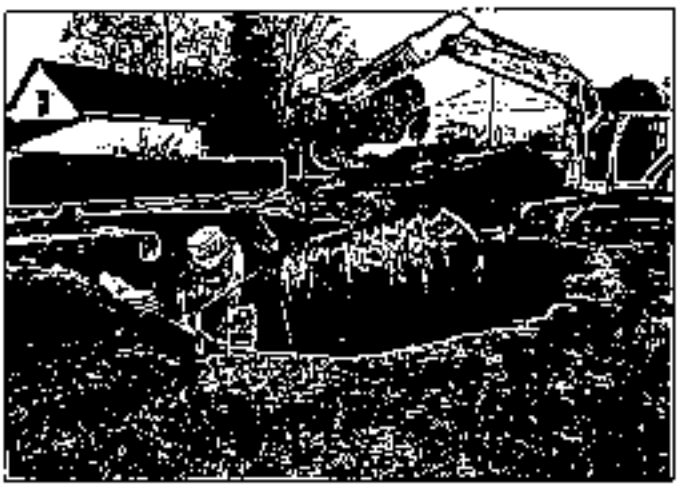
18b. Signature of Alternate Facility (or Generator) | Month | Day | Year

18c. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Steve Phipps | Signature | Month: 10 | Day: 31 | Year: 14

DRAFT

USTs uncovered in cavity..



Gasoline UST being removed (Typ.)

Diesel UST being removed.

Dispensers and piping being removed.

Soil stockpile position.

UST cavity after UST removal.

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Jacqueline T. Williams, Director

May 06, 2015

DAN TURBEN
PARK NATIONAL BANK
720 GARDNER ROAD
SPRINGFIELD, OHIO 45066

SITE: PRESTONS IGA
282 E SANDUSKY ST
MECHANICSBURG OH
CHAMPAIGN COUNTY
RELEASE #11009720-N00002

RE: APPROVAL OF TIER 2 EVALUATION & MODEL CALIBRATION

Dear Mr. Turben,

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your report titled "Tier 2 Evaluation" dated April 7, 2015. BUSTR has determined that the Tier 2 Evaluation report requirements of Ohio Administrative Code (OAC) rule 1301:7-9-13(E) have been completed. BUSTR therefore grants approval to conduct one or a combination of either an Interim Response Action pursuant to OAC 1301:7-9-13(K), or submit a Remedial Action Plan pursuant to OAC 1301:7-9-13(N).

BUSTR approves the Model Calibration Plan but strongly advises that since only one monitoring well has contaminants above Action Levels, another approach may be more feasible since successful calibration will require at least two additional monitoring wells with measurable contaminant levels.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.ohio.gov/fire/ or by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File
PIISTRCB
Jeff Bood Spence Environmental

DRAFT

Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 7938
Fax 614 | 752 7942
TTY/TDD 800 | 750 0750
www.com.ohio.gov

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Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Jacqueline T. Williams, Director

May 06, 2015

DAN TURBEN
PARK NATIONAL BANK
720 GARDNER ROAD
SPRINGFIELD, OHIO 45066

SITE: PRESTONS IGA
282 E SANDUSKY ST
MECHANICSBURG OH
CHAMPAIGN COUNTY
RELEASE #11009720-N00002

RE: APPROVAL OF TIER I INVESTIGATION REPORT

Dear Mr. Turben:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your report titled "Tier I Investigation" dated April 7, 2015. BUSTR has determined that the Tier I Investigation report requirements of Ohio Administrative Code (OAC) 1301:7-9-13(I) have been completed. BUSTR therefore grants approval to conduct one or a combination of either a Tier 2 Evaluation pursuant of OAC 1301:7-9-13(L), an Interim Response Action pursuant to OAC 1301:7-9-13(K), or submit a Remedial Action Plan pursuant to OAC 1301:7-9-13(N).

A Tier 2 Evaluation must be submitted on or before October 27, 2016.

Any excavated soil shall be managed as petroleum contaminated soil (PCS) unless laboratory analysis indicates otherwise. Underground storage tank owners and/or operators are requested to complete and submit a "Petroleum Contaminated Soil Form". The completion of this form, along with all applicable supporting documentation, will allow the BUSTR staff to verify proper PCS disposal and/or treatment. A separate form must be completed for each soil pile or containerized soil group.

You may be also eligible to receive reimbursement for the costs of corrective action from the Petroleum Underground Storage Tank Release Compensation Board. Please contact that office at 614-752-8963 for more information.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.ohio.gov/fire/ or by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 728-4588.

Sincerely,

Orlie Roberts
Environmental Specialist

xc: Site File
PUSTRCB

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Jeff Boost Spence Environmental

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State of Ohio—Department of Commerce

Division of State Fire Marshal—Bureau of Testing & Registration
P.O. Box 529, Reynoldsburg, Ohio 43068
Phone (614) 752-7126 Fax (614) 995-4205
TTY/TDD 800-750-0750 www.com.ohio.gov

BUSTR Removal Field Inspection Report

(For Removal, Modification/Major Repair, Closure in Place and Change in Service Activity)

☐ Preliminary ☒ Final Owner # W26124	Facility # 1100920	Permit #: P0004 4	Permit Date 10/28/14
Owner/Operator Name: SECURITY NATIONAL BANK		Facility Name: PRESTONS EGA	
Address: 40 S. LIMESTONE ST		Address: 202 E. SANDUSKY ST	
City/State/Zip: SPRINGFIELD, OH 45502		City/State/Zip: MECHANICSBURG, OH 43044	

Tank ID Number	* 1	* 2	* 3	*	*	*
Cavity ID Number	1	1	1			
Tank Capacity	12,000	8,000	6,000			
Tank Contents	GAS	Prem Gas	Diesel			
☒ Removal ☐ Modification ☐ Major Repair to ☒ UST System ☐ Tank ☐ Piping ☐ Other Component: (check a circle at that apply)	*	*	*	*	*	*
**Purging Inspector (LEL below 10%)	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
**Pre-cutting Inspection (LEL below 10%)	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
Removal of Tank from the Ground Observed	(Yes) No	Yes No	(Yes) No	Yes No	Yes No	Yes No
Holes Observed in Tank or (explain in Remarks)	Yes (No)	Yes (No)	Yes (No)	Yes No	Yes No	Yes No
Tank Cavity Appearance after Removal*	O/W/(ST)/FP	O/W/(ST)/FP	O/W/(ST)/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP
UST Cleaned and Rendered Unusable Before Leaving Site	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
☐ Closure-In-Place ☐ Change-In Service	*	*	*	*	*	*
Closure-in-Place Written Approval Observed	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Purging Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Pre-cutting Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Filling of ☐ Tank ☐ Piping Observed	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Piping/Dispenser Removed (*Applicable)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
All Inspections – Removal Observations	*	*	*	*	*	*
**Removal of Piping from the Ground Observed	(Yes) No	(Yes) No	(Yes) No	Yes No	Yes No	Yes No
**Holes Observed in Piping (explain in Remarks)	Yes (No)	Yes (No)	Yes (No)	Yes No	Yes No	Yes No
**Piping Run Appearance after Removal*	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP
**Beneath Dispenser Appearance after Removal*	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP	O/W/ST/FP

Remarks: 3 DISPENSER ISLANDS. CONTAINMENT SOLUTIONS. SW FRP. DW PISCES PIPE.

*Indicate O=Odor, W=Water, S=Staining, FP=Free Product (**) These are required for Removal, Modification or Major Repair Inspections.

Certified Installer Name (printed): STEVEN MILLER	Certified Inspector Name (printed): TIM THICKSTUN
Certified Installer Signature: Steven Miller	Certified Inspector Signature: T L Thickstun
Certified Installer #: 63-25-42 Date: 10/31/14	Certified Inspector #: 64-25-3 Date: 10/31/14 Re-Inspection

Distribution: White - Agency Copy Canary - Owner Copy Pink - Inspector Copy

DRAFT

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Andre T. Porter, Director

December 09, 2014

DAN TURBEN
SECURITY NATIONAL BANK DIV OF THE
PARK NATIONAL BANK
40 S LIMESTONE ST
SPRINGFIELD, OHIO 45502

SITE: PRESTONS IGA
282 E SANDUSKY ST
MECHANICSBURG OH
CHAMPAIGN COUNTY
RELEASE #11009720-N00002

RE: TIER I SOURCE INVESTIGATION REQUIRED

Dear Mr. Turben:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your report titled "Closure Assessment" dated December 8, 2014. BUSTR has determined that ground water contamination exists in excess of the action levels applicable to this site. You are required to perform a Tier I Source Investigation as prescribed in Ohio Administrative Code 1301:7-9-13(H), effective July 1, 2012, and explained in BUSTR's *Technical Guidance Manual (2012)*. These documents describe the activities that must be performed during the tier evaluation and the information that is to be submitted to BUSTR. You must submit either the Tier I Evaluation or the Tier I Notification report on or before March 9, 2014.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.ohio.gov/fire/bustMain.aspx or by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File
Curt Spence – Spence Environmental

DRAFT

Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

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SPENCE
Environmental
Consulting, Inc.

RECEIVED
SEP 24 2015
SFM/BUSTR

September 23, 2015

Mr. Drue Roberts
Bureau of Underground Storage Tank Regulations (BUSTR)
Division of State Fire Marshal
8895 East Main Street
Reynoldsburg, OH 43068

Re: Groundwater Monitoring & Model Calibration Report
Preston's IGA
282 East Sandusky Street, Mechanicsburg, Ohio 43044
Release No. 11009720-N00002

Dear Mr. Roberts:

Enclosed is the *Groundwater Monitoring & Model Calibration Report* prepared by Spence Environmental Consulting, Inc. (SEC) for the referenced site. No chemicals of concern were detected above the analytical test method detection limits in any of the groundwater samples for two consecutive quarters; therefore, a no further action has been requested.

I can be contacted at (614) 837-4750 if you should have any questions regarding the site or this report.

Sincerely,
Spence Environmental Consulting, Inc.

Jeffrey J. Bood, P.G.
Senior Geologist

Enclosures

CC: Dan Turben (Park National Bank)

DRAFT

SPENCE
Environmental
Consulting, Inc.

RECEIVED
SEP 24 2015
SFM/BUSTR

September 21, 2015

Mr. Dan Turben
Park National Bank
720 Gardner Road
Springboro, Ohio 45066

RE: Groundwater Monitoring & Model Calibration Report
Preston's IGA
282 East Sandusky Street, Mechanicsburg, Ohio
BUSTR Incident No.: 11009720-N00002

Dear Mr. Turben:

Enclosed herein is a report prepared by Spence Environmental Consulting, Inc. (SEC) that documents the groundwater sampling event completed at the above-referenced location by SEC in August 2015. This groundwater sampling event is the second of two groundwater monitoring events approved by the Bureau of Underground Storage Tank Regulations (BUSTR) primarily to monitor benzene concentrations. The Tier 2 Evaluation and groundwater monitoring plan were approved by BUSTR in a letter dated May 6, 2015.

The purpose of the groundwater monitoring was to collect sufficient data to verify that the benzene concentration is stable and decreasing and that the concentration will remain below the groundwater ingestion action level developed using a hydraulic conductivity calibrated model. The approved monitoring plan includes sampling monitoring wells MW-1, MW-2, MW-3 and MW-4 for two additional quarters.

Hydraulic Conductivity Evaluation

In order to calibrate the benzene BUSTR-Screen model, SEC completed a hydraulic conductivity (K) evaluation based on slug test data collected at the site. The following table summarizes the (K) evaluation.

DRAFT

Hydraulic Conductivity Evaluation		
	Hydraulic Conductivity (K) (cm/sec)	Hydraulic Conductivity (log K)
SLUG TEST DATA		
MW-2 (Falling Head)	1.30E-02	-1.89
MW-3 (Falling Head)	1.40E-04	-3.85
MW-3 (Rising Head)	1.30E-04	-3.89
MW-4 (Falling Head)	3.50E-05	-4.43
CALCULATIONS and COMPARISON OF RANGES		
Maximum	1.30E-02	-1.89
Minimum	3.70E-05	-4.43
Geometric Mean	3.08E-04	Not Applicable
Arithmetic Mean	Not Applicable	-3.51
Mean plus 1 Order of Magnitude	3.08E-03	-2.51
Mean minus 1 Order of Magnitude	3.08E-05	-4.51
Allowable Site-Specific Range	3.70E-05 to 1.40E-04	-4.43 to -3.85

Model Calibration

A calibrated BUSTR-Screen model was recommended to develop a benzene groundwater ingestion target level. The hydraulic conductivity (K) was manipulated based on slug test data collected at the site.

The site specific values used in the model are described in the Tier 2 Evaluation Report, dated April 7, 2015. Modifications to the model included the manipulated (K) value of 1.30E-04 cm/sec (-3.89) which is within the allowable site-specific range (-4.43 to -3.85). The POE for this site was defined in the Tier 2 Evaluation Report as the adjacent property line northeast of the source well (MW-2) within the tank cavity (26 feet).

Using the site maximum benzene concentration (0.059 mg/L), which was detected in a water sample collected from the tank cavity during the UST closure assessment, the model reaches steady-state in 17 years, and predicts a concentration of 0.005 mg/L at the POE. To determine the groundwater ingestion target level, the calibrated model was back calculated and a concentration of 2.0 mg/L was found to be protective of the POE. The calibrated models are included in Appendix A.

DRAFT

Groundwater Sampling

Monitoring wells MW-1, MW-2, MW-3 and MW-4 were purged and sampled on August 31, 2015. No free product was encountered in the monitoring wells, and a monitoring well sampling record is included as Appendix B. The groundwater sampling procedures included the following.

- The depth to liquid-phase free product (if any) and the depth to groundwater were determined in each well using a water level/interface probe
- The volume of groundwater in each well (one well volume) was calculated.
- Each well was purged of a minimum of three well volumes or until dry followed by sample collection using a new disposable bailer.
- The collected samples were immediately placed into two 40-ml vials containing hydrochloric acid and two 100-ml amber jars and into a cooler with ice for preservation.

Relative groundwater elevations were determined by subtracting the static water levels from the top-of-casing elevations. The static water levels and new groundwater elevations are listed in Table 1, which also includes historical groundwater elevation and gauging data. Groundwater flow is toward the southeast (Figure 1) which is consistent with previous flow. Figures and tables are included as Appendix C.

The ground water samples were delivered to Pace Analytical Services, Inc. in Dublin, Ohio. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-tert-butyl-ether (MTBE) per EPA method SW846-8260, and polynuclear aromatic hydrocarbons (PAH) per EPA method SW846-8270. The analytical results are listed in Table 2 and Table 3, along with all historical results and are also shown on Figure 2. Copies of the analytical testing reports and chain-of-custody forms are included in Appendix D

Results Summary

The analytical results indicate all chemicals of concern (COC) including benzene to be below laboratory detection limits for all monitoring wells. This is the second consecutive quarter of non-detectable results and it is our opinion that this is sufficient for the site to qualify for a no further action

However, model calibration was also performed to show that the site historical maximum concentration does not reach the POE. Additionally, the back calculated model indicates a concentration of 2.0 mg/L is protective of the POE.

DRAFT

It is our opinion, that a no further action is appropriate for the site based on the following.

- Benzene has not been detected above the test method detection limit for two consecutive quarters,
- The calibrated BUSTR-Screen model indicates the historical maximum concentration of benzene will not reach the POE, and,
- The source (former UST System) has been removed.

Please do not hesitate to contact me at (614) 837-4750 if you should have any questions or comments regarding this report or project

Sincerely,
Spence Environmental Consulting, Inc.

Jeffrey J. Bood, P.G.
Senior Geologist

Cc: Drue Roberts (BUSTR)

Enclosures

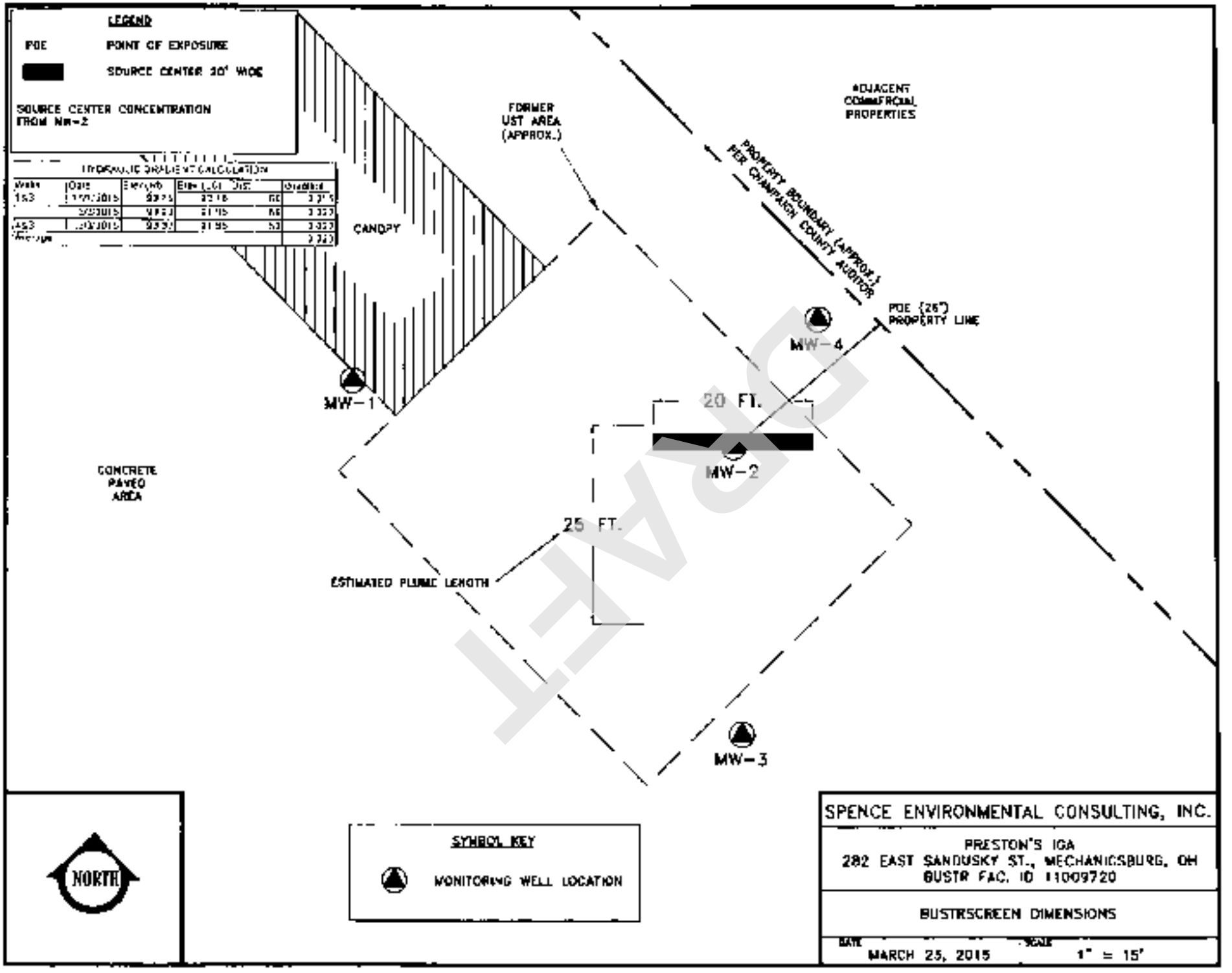
DRAFT

DRAFT

Appendix A

Calibrated BUSTR-Screen Models

DRAFT


LEGEND
POE
POINT OF EXPOSURE
SOURCE CENTER 20' WIDE
SOURCE CENTER CONCENTRATION FROM MW-2
HYDRAULIC GRADIENT CALCULATION
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
POE (25') PROPERTY LINE
CANOPY
MW-1
MW-2
MW-3
MW-4
20 FT.
25 FT.
CONCRETE PAVED AREA
ESTIMATED PLUME LENGTH
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID #0009720
BUSTRSCREEN DIMENSIONS
DATE
MARCH 25, 2015
SCALE
1" = 15'

2005 BUSTR-Screen Fate and Transport Evaluation
Prestons IGA
282 East Sandusky St., Mechanicsburg, OH

Prediction at POE
Summary of Input Parameters
(Benzene / Silt - ML, CL, OL)

Description	Source / Default	Symbol	Value	Units	Reference[1]
Chemical and Physical Properties for Benzene					
Partition Coefficient	Default	K_{oc}	61.7	L/kg	
Solute Half-Life	Default	$t_{1/2}$	1.57	year	
Groundwater Action Level	Default	AL	0.005	mg/L	
Soil Parameters for Silt - ML, CL, OL					
Hydraulic Conductivity	Site Specific / 1.00E-00	K	1.00E-04	cm/sec	Calculated
Porosity	Default	n	0.3	unitless	
Fractional Organic Carbon	Site Specific / 0.001	foc	0.026	unitless	TE, Tbl 7, Appx D
Soil Bulk Density	Default	rho	1.7	kg/L	
Site Specific Parameters					
Infiltration Rate	Site Specific	I	0.1570	inches	TE, Appendix F
Estimated Plume Length	Site Specific	Lp	25	feet	TE, Appendix F
Retardation Factor	Default	R	6.1	unitless	
Modeled Area Length	Site Specific	-	25	feet	POE, Appx F
Modeled Area Width (must exceed total BLDG width)	Site Specific	-	40	feet	TE, Appendix F
Simulation Time	Model Specific		2	years	Steady State
Source Thickness in Saturated Zone	Default		10	feet	
Source Center Width	Site Specific		20	feet	TE, Appendix F
Source Center Concentration	Site Specific	-	0.1196	mg/L	Hokanson
Source Middle Depth	Site Specific	-		feet	
Source Middle Concentration	Site Specific	-		mg/L	
Source Outer Width	Site Specific	-		feet	
Source Outer Concentration	Site Specific	-		mg/L	
Soluble Mass	Default		10+05	kg	
Field Data for Comparison					
Concentration at 0 feet from source	Site Specific			mg/L	
Concentration at 2.6 feet from source	Site Specific			mg/L	
Concentration at 5.2 feet from source	Site Specific	-		mg/L	
Concentration at 7.8 feet from source	Site Specific	-		mg/L	
Concentration at 10.4 feet from source	Site Specific	-		mg/L	
Concentration at 13 feet from source	Site Specific	-		mg/L	
Concentration at 15.6 feet from source	Site Specific	-		mg/L	
Concentration at 18.2 feet from source	Site Specific			mg/L	
Concentration at 20.8 feet from source	Site Specific			mg/L	
Concentration at 23.4 feet from source	Site Specific	-		mg/L	
Concentration at 26 feet from source	Site Specific	-		mg/L	

[1]When referencing field data, refer to the appropriate report and page where this information was previously presented to BUSTR.

DRAFT

BUSTR-Screen Natural Attenuation Decision Support System

Modified from the BIOSCREEN model (Ver 1.4) developed by Air Force Center for Environmental Excellence

Prestone IGA
282 East Sandusky St., Mechanicsburg, OH

Benzene
Silt - Mt. CL, OL

Prediction at POE

1. HYDROGEOLOGY

Seepage Velocity*	Vs	10.3	(ft/yr)
or		or	
Hydraulic Conductivity	K	1.3E-04	(cm/sec)
Hydraulic Gradient	i	0.023	(ft/ft)
Porosity	n	0.3	(-)

2. DISPERSION

Longitudinal Dispersivity*	alpha x	2.0	(ft)
Transverse Dispersivity*	alpha y	0.2	(ft)
Vertical Dispersivity*	alpha z	0.0	(ft)
or		or	
Estimated Plume Length	Lp	25	(ft)

3. ADSORPTION

Retardation Factor*	R	9.7	(-)
or		or	
Soil Bulk Density	rho	1.7	(kg/L)
Partition Coefficient	Koc	61.7	(L/kg)
Fraction Organic Carbon	foc	2.5E-2	(-)

4. BIODEGRADATION

1st Order Decay Coeff*	lambda	3.5E-1	(per yr)
or		or	
Solute Half-Life	t-half	1.97	(year)

5. GENERAL

Modeled Area Length*	26	(ft)
Modeled Area Width*	40	(ft)
Simulation Time*	12	(yr)

6. SOURCE DATA

Source Thickness in Sat.Zone* 10 (ft)

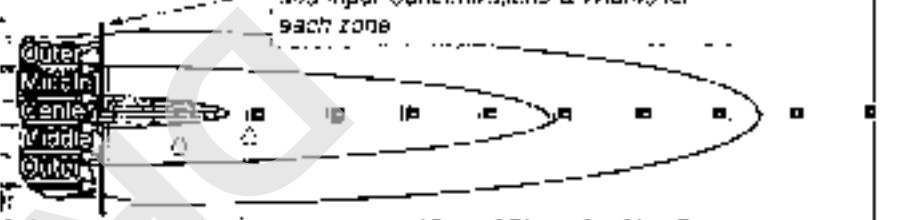
Source Zones:

Width* (ft)	Conc. (mg/L)*
5	0
0	0
20	0.059
0	0
5	0

Source Halflife (see Help):

Infinite	Infinite	(yr)
Inst. Reach.	1st Order	
Soluble Mass in Source NAPL Soil	Infinite	(kg)

Vertical Plume Source. Look at Plume Cross-Section and Input Concentrations & Widths for each zone



View of Plume Looking Down

Observed Contamination Concentrations at Monitoring Wells
If No Data Leave Blank or Enter "0"

7. FIELD DATA FOR COMPARISON

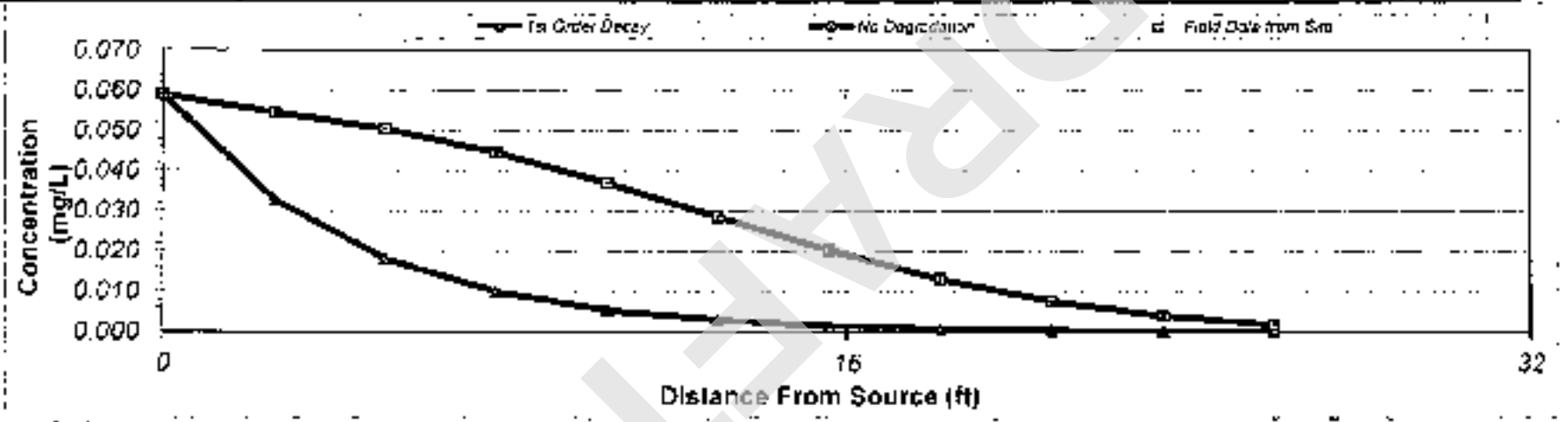
Concentration (mg/L)	0	.0	.0	0	0	0	0	0	0	0	0
Dist. from Source (ft)	0	3	5	8	10	13	16	18	21	23	26

DRAFT

Dissolved Benzene Concentration Along Plume Centerline (mg/L at Z=0)
Silt - ML, CL, OL

Distance from Source (ft)

TYPE OF MODEL	0	3	5	8	10	13	16	18	21	23	26
No Degradation	0.059	0.054	0.050	0.044	0.037	0.029	0.020	0.013	0.008	0.004	0.002
1st Order Decay	0.059	0.033	0.018	0.010	0.005	0.003	0.002	0.001	0.000	0.000	0.000
Field Data from Site											



Calculate

Time:
12 Years

Prestons IGA
282 East Sandusky St , Mechanicsburg, OH

Prediction at POE

DRAFT

2005 BUSTR-Screen Fate and Transport Evaluation
Prestons IGA
282 East Sandusky St., Mechanicsburg, OH

Other
Summary of Input Parameters
(Benzene / Silt - ML, CL, OL)

Description	Source / Default	Symbol	Value	Units	Reference*
Chemical and Physical Properties for Benzene					
Partition Coefficient	Default	K_{oc}	61.7	L/kg	
Biodegradation Half-Life	Default	t-half	1.97	year	
Groundwater Action Level	Default	AL	0.005	mg/L	
Soil Parameters for Silt - ML, CL, OL					
Hydraulic Conductivity	Site Specific 1.40E-02	K	1.33E-04	cm/sec	Calculated
Porosity	Default	n	0.3	unitless	
Fraction of Organic Carbon	Site Specific 0.001	foc	0.025	unitless	12, "fpl" Appx D
Soil Dry Density	Default	rho	1.7	kg/L	
Site Specific Parameters					
Hydraulic Gradient	Site Specific	i	0.005	unitless	12, Appendix F
Estimated Plume Length	Site Specific	Lp	25	feet	12, Appendix F
Retardation Factor	Default	R	9.2	unitless	
Modeled Area Length	Site Specific	-	26	feet	RBCA Appx. F
Modeled Area Width (must exceed total plume width)	Site Specific	-	40	feet	12, Appendix F
Simulation Time	Model Specific	-	22	year	Steady State
Source Thickness in Saturated Zone	Default	-	10	feet	
Source Center Width	Site Specific	-	20	feet	2, Appendix F
Source Center Concentration	Site Specific	-	2	mg/L	Pro Active at PDF
Source Middle Width	Site Specific	-		feet	
Source Middle Concentration	Site Specific	-		mg/L	
Source Outer Width	Site Specific			feet	
Source Outer Concentration	Site Specific	-		mg/L	
Soluble Mass	Default	-	Infinite	kg	
Field Data for Comparison					
Concentration at 0 feet from source	Site Specific	-		mg/L	
Concentration at 2.8 feet from source	Site Specific	-		mg/L	
Concentration at 5.2 feet from source	Site Specific	-		mg/L	
Concentration at 7.8 feet from source	Site Specific			mg/L	
Concentration at 10.4 feet from source	Site Specific	-		mg/L	
Concentration at 13 feet from source	Site Specific	-		mg/L	
Concentration at 15.6 feet from source	Site Specific	-		mg/L	
Concentration at 18.2 feet from source	Site Specific	-		mg/L	
Concentration at 20.8 feet from source	Site Specific	-		mg/L	
Concentration at 23.4 feet from source	Site Specific	-		mg/L	
Concentration at 26 feet from source	Site Specific			mg/L	

*When referencing field data, refer to the appropriate report and page where this information was previously presented to BUSTR.

DRAFT

BUSTR-Screen Natural Attenuation Decision Support System

Modified from the BIOSCREEN model (Ver 1.4) developed for Air Force Center for Environmental Excellence

Prestons IGA
282 East Sandusky St. Mechanicsburg, OH

Benzene
Silt - ML, CL, OL

Other

1. HYDROGEOLOGY

Seepage Velocity*	Vs	10.3	(ft/yr)
or			
Hydraulic Conductivity	K	1.3E-04	(cm/sec)
Hydraulic Gradient	I	0.023	(ft/ft)
Porosity	n	0.3	(-)

2. DISPERSION

Longitudinal Dispersivity*	alpha x	2.0	(ft)
Transverse Dispersivity*	alpha y	0.2	(ft)
Vertical Dispersivity*	alpha z	0.0	(ft)
or			
Estimated Plume Length	Lp	25	(ft)

3. ADSORPTION

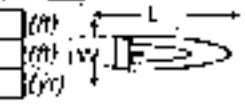
Retardation Factor*	R	9.7	(-)
or			
Soil Bulk Density	rho	1.7	(kg/L)
Partition Coefficient	Koc	61.7	(L/kg)
FractionOrganicCarbon	foc	2.5E-2	(-)

4. BIODEGRADATION

1st Order Decay Coeff*	lambda	3.5E-1	(per yr)
or			
Solute Half-Life	t-half	1.97	(years)

5. GENERAL

Modeled Area Length*	26	(ft)
Modeled Area Width*	40	(ft)
Simulation Time*	22	(yr)



6. SOURCE DATA

Source Thickness in Sat.Zone* 10 (ft)

Source Zones

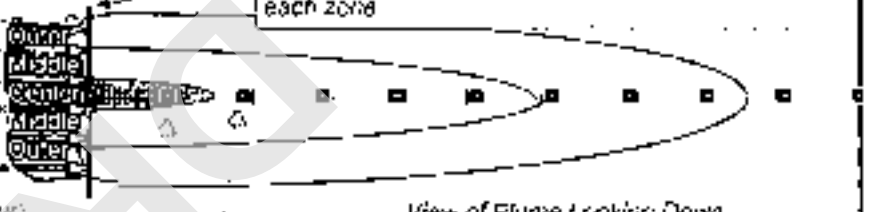
Width* (ft)	Conc. (mg/L)*
0	0
0	0
20	7
0	0
0	0

Source Halflife (see Help):

Infinite	Infinite	(yr)
Inst. Reac.	1st Order	
Soluble Mass	Infinite	(kg)

Ir Source NAPL Soil

Vertical Plane Source: Look at Plume Cross-Section and Input Concentrations & Widths for each zone



View of Plume Looking Down

Observed Centerline Concentrations at Monitoring Wells
If No Data Leave Blank or Enter "0"

7. FIELD DATA FOR COMPARISON

Concentration (mg/L)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
Dist. from Source (ft)	0	3	5	8	10	13	16	18	21	23	26

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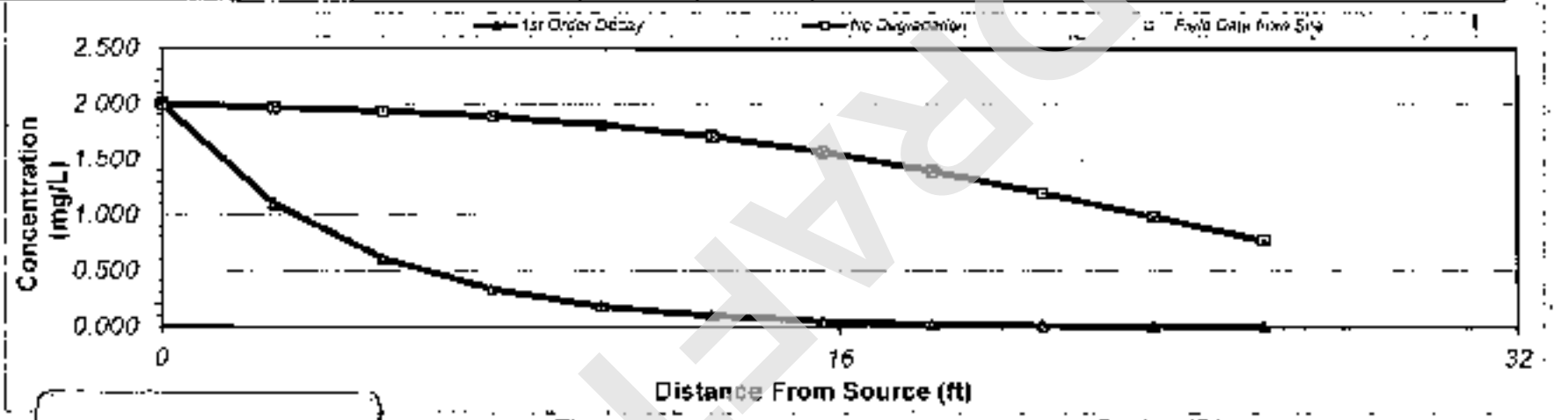
Dissolved Benzene Concentration Along Plume Centerline (mg/L at Z=0)
Silt - MI., CT., OI.

Distance from Source (ft)

TYPE OF MODEL	0	3	5	8	10	13	16	18	21	23	26
No Degradation	2.000	1.957	1.938	1.891	1.817	1.712	1.573	1.401	1.202	0.990	0.778
1st Order Decay	2.000	1.105	0.612	0.338	0.187	0.103	0.057	0.032	0.017	0.010	0.005
Field Data from Site											



Calculate

Time:
22 Years

Prestons IGA
282 East Sandusky St., Mechanicsburg, OH

Other

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Appendix B

Well Sampling Record

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GROUNDWATER MONITORING FIELD OBSERVATIONS

	MONITORING OBSERVATIONS								PURGING OBSERVATIONS					SAMPLING OBSERVATIONS			
WELL ID	DATE/ TIME	WELL DIA (IN)	PRODUCT DEPTH (FT)	SWL ACTUAL (FT)	PID OR	TOTAL DEPTH (FT)	CALCULATED LENGTH (FT)	RECOVERY PURGE (2xVOL)	AMOUNT PURGED (GAL)	RECHARGE RATE (DRY, SLOW, RAPID)	COLOR	TURB (CLEAR, OIL, MED, H)	ODOR	OTHER (TEMP/COND)	TIME	CONTAINERS	# OF FILTERS	VOLUME FILTERED (ml)
1	08/31/15	1	NA	8.99	NA	19.00	12.63	8.52	2.00	Moderate	Clear	Clear	None	NA	12:36	2 VOA	NA	NA
																1 L		
2	08/31/15	2	NA	5.73	NA	18.91	13.18	8.35	10.00	Rapid	Clear	Lo	None	NA	12:51	2 VOA	NA	NA
											Light					1 L		
3	08/31/15	2	NA	5.39	NA	20.19	14.80	7.10	8.00	Rapid	Clear	Lo	None	NA	12:10	2 VOA	NA	NA
											Light					1 L		
4	08/31/15	2	NA	6.87	NA	20.16	14.29	6.86	7.50	Moderate	Clear	Lo	None	NA	12:22	2 VOA	NA	NA
											Light					1 L		

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WEATHER CONDITIONS

Temperature: 82 F

Last Rainfall Date & Amount: ---

EQUIPMENT & SUPPLIES USED

12 v purge	Grundfos
KICK Pitcher	Solinst Probe
0.75" Disp Bailers	1.25" Disp Bailers
Polyvinyl Tubing	Teflon Tubing
Peristaltic Pump	

DIA (IN)	GAL PER FT	DIA (IN)	GAL PER FT
1	0.04	3	0.37
1.25	0.06	4	0.65
1.5	0.09	5	1.02
2	0.16	6	2.61

THREE WELL VOLUMES

LABORATORY(IES) Barnum Labs Courier: UPS Tracking: _____

Courier: _____ Tracking: _____

DISPOSAL / STORAGE

Drums: _____ Other: _____

FIELD STAFF TJV

PREPARED BY TJV

DATE 8/31/2015

CLIENT: Park Ventana Bank

PN: Park 05(14) POS. Vol 1

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Appendix C – Tables and Figures

TABLE 1 – GROUNDWATER ELEVATION DATA
TABLE 2 – GROUNDWATER ANALYTICAL RESULTS – LIGHT DISTILLATES
TABLE 3 – GROUNDWATER ANALYTICAL RESULTS – MIDDLE DISTILLATES

FIGURE 1 – POTENTIOMETRIC SURFACE MAP
FIGURE 2 – GROUNDWATER ANALYTICAL RESULTS

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Table 1 - Static and Relative Groundwater Elevations

Benchmark: Southeast Corner of Site Building

Monitoring Well	Top of Casing Elevation	Static Water Level	Relative Groundwater Elevation
January 21, 2015			
MW-1	99.70	5.95	93.75
MW-2	98.85	4.32	94.53
MW-3	97.26	4.50	92.76
March 3, 2015			
MW-1	99.70	5.77	93.93
MW-2	98.50	5.14	93.36
MW-3	97.02	5.17	91.85
MW-4	98.35	5.33	93.02
May 29, 2015			
MW-1	99.70	5.93	93.77
MW-2	98.50	5.29	93.21
MW-3	97.02	4.57	92.46
MW-4	98.35	5.45	92.90
August 31, 2015			
MW-1	99.70	6.39	93.31
MW-2	98.50	5.73	92.77
MW-3	97.02	5.51	91.51
MW-4	98.35	5.87	92.48

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Table 2 - Groundwater Analytical Results - Light Distillates

Parts per million (mg/L)

Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Delineation Levels		0.428	15.5	38.1	19.0	1,240
Tier 1 Action Levels		0.005	1.9	9.7	19.0	0.04
UST Closure						
TC	10/31/14	0.069	0.803	0.117	0.624	<0.004
Tier Evaluation						
MW-1	1/23/15	<0.005	<0.005	<0.005	<0.010	<0.004
	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004
	5/28/15	<0.005	<0.005	<0.005	<0.010	<0.004
	8/31/15	<0.005	<0.005	<0.005	<0.010	<0.004
MW-2	1/20/15	0.038	<0.005	<0.005	<0.010	<0.004
	1/25/15	0.040	<0.005	<0.005	<0.010	<0.004
	3/3/15	0.008	<0.005	<0.005	<0.010	<0.004
	5/28/15	<0.005	<0.005	<0.005	<0.010	<0.004
	8/31/15	<0.005	<0.005	<0.005	<0.010	<0.004
MW-3	1/21/15	<0.005	<0.005	<0.005	<0.010	<0.004
	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004
	5/28/15	<0.005	<0.005	<0.005	<0.010	<0.004
	8/31/15	<0.005	<0.005	<0.005	<0.010	<0.004
MW-4	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004
	5/28/15	<0.005	<0.005	<0.005	<0.010	<0.004
	8/31/15	<0.005	<0.005	<0.005	<0.010	<0.004

Values listed in **Bold Type** exceed Tier 1 Action Levels

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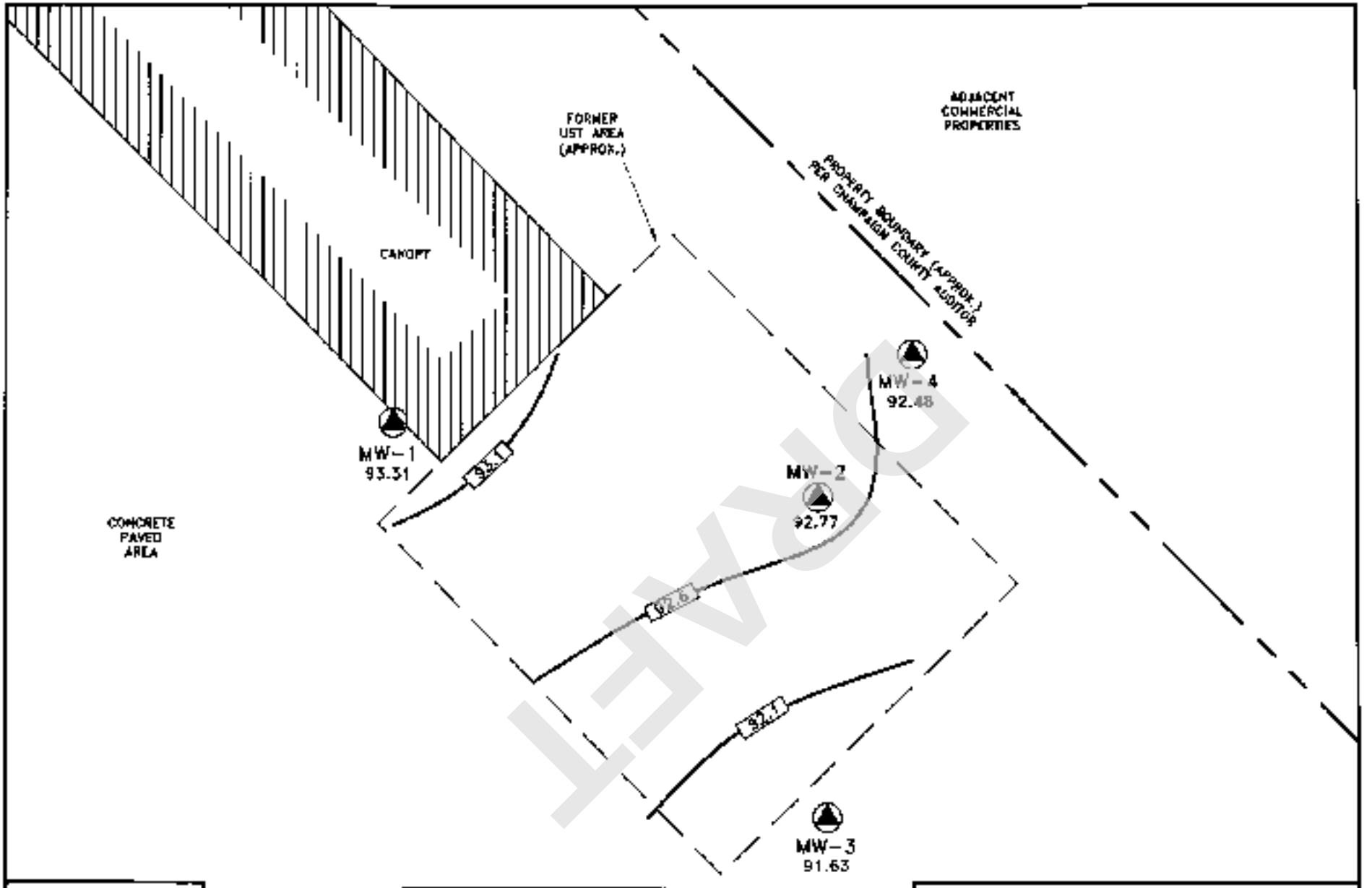
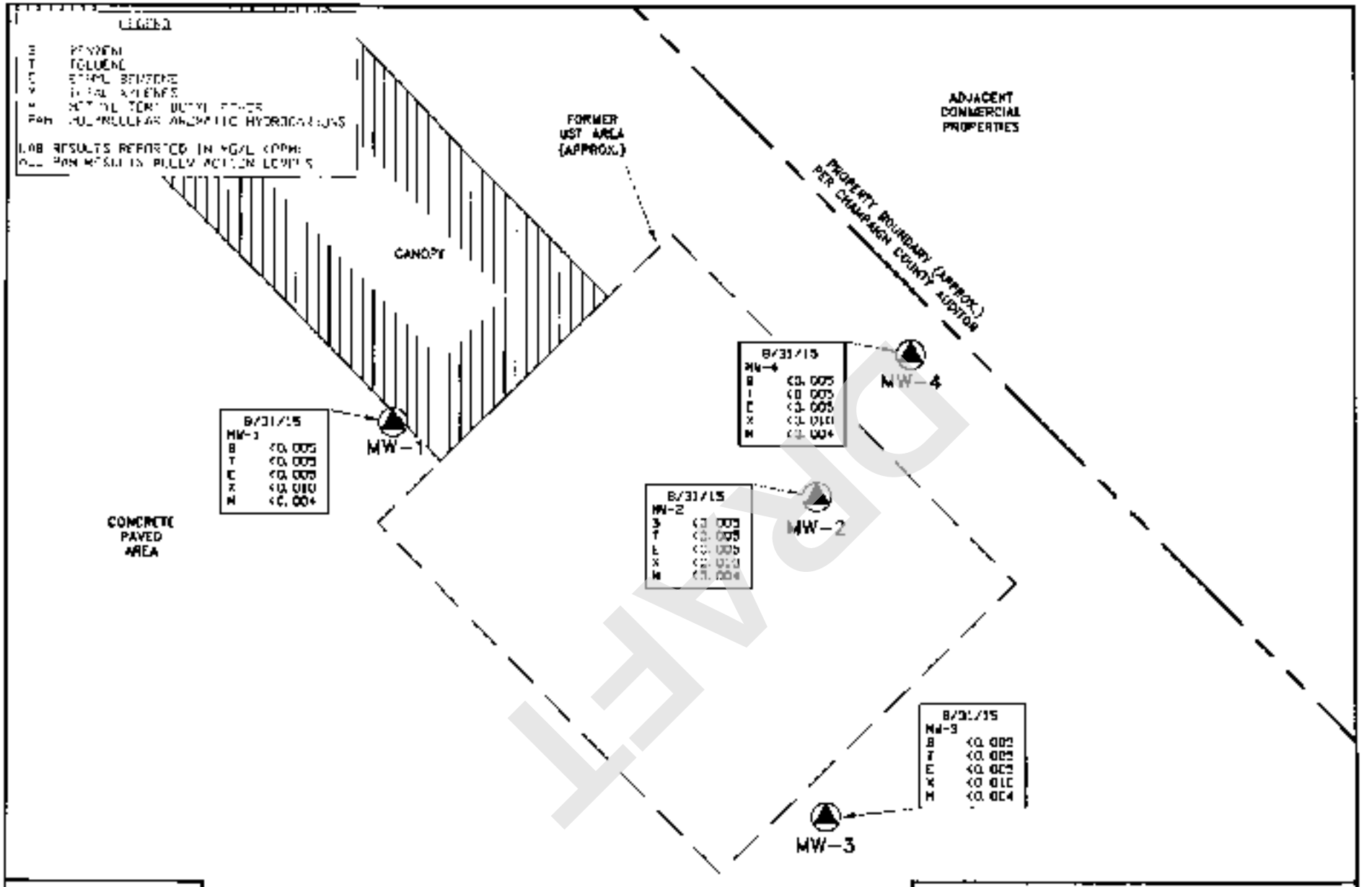
Table 3 - Groundwater Analytical Results - Middle Distillates

Parts per million (mg/L)

Location	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene	Naphthalene
Delineation Levels		*66.7*	*12.7*	*0.72*	*2.380*	*715*	*35.3*	*292*	*2.22*
Tier 1 Action Levels		*0.00025*	*0.0002*	*0.00017*	*0.0017*	*0.0479*	*0.0002*	*0.00022*	*0.14*
UST Closure									
TC	10/31/14	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	0.014
Tier Evaluation									
MW-1	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	8/31/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-2	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	8/31/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-3	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	8/31/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-4	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	8/31/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001

Draft


FORMER
UST AREA
(APPROX.)
ADJACENT
COMMERCIAL
PROPERTIES
PROPERTY BOUNDARY (APPROX.)
PER CHAMPAIGN COUNTY AUDITOR
CANOPY
MW-1
93.31
MW-2
92.77
MW-4
92.48
MW-3
91.63
92.6
92.1
CONCRETE
PAVED
AREA
DRAFT
NORTH
LEGEND
MONITORING WELL
87.18 RELATIVE STATIC WATER ELEVATION 8/31/15
POTENTIOMETRIC SURFACE 8/31/15
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID #1009720
FIGURE 1 - POTENTIOMETRIC SURFACE MAP
DATE
SEPTEMBER 10, 2015
SCALE
1" = 15'


LEGEND
B BENZENE
T TOLUENE
E ETHYL BENZENE
X TOTAL XYLENES
M METHYL TERT BUTYL ETHER
PAH POLYNUCLEAR AROMATIC HYDROCARBONS
ALL RESULTS REPORTED IN ug/L (PPB)
ALL PAH RESULTS BELOW ACTION LEVELS
FORMER UST AREA (APPROX.)
CANOPY
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
8/31/15
MW-1
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-1
8/31/15
MW-2
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-2
8/31/15
MW-3
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-3
8/31/15
MW-4
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-4
CONCRETE PAVED AREA
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 2 – GROUNDWATER ANALYTICAL RESULTS
DATE SEPTEMBER 10, 2015
SCALE 1" = 15'

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Appendix D

Analytical Report, Chain-of-Custody & BUSTR QA/QC Form

DRAFT

Pace Analytical Services, Inc.
Not NELAP Accredited
4800 Dtamer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

September 09, 2015

Jeff Bood
Spence Environmental
70 West Columbus St.
Pickerington, OH 43147

RE: Project: Park - 06(14)
Pace Project No.: 50126771

DRAFT

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on September 01, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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4055 Dilgard Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Park - 06(14)
Pace Project No.: 50126771

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46256
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10177
Kentucky UST Certification #: 0042
Kentucky WW Certification #: 98019
Louisiana Certification #: 04176

Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-149
Texas Certification #: T104704355-13-0
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-13-00128

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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Park - 06(*4)
Pace Project No.: 50126771

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50126771001	MW-1	Water	08/31/15 12:36	09/01/15 11:20
50126771002	MW-2	Water	08/31/15 12:51	09/01/15 11:20
50126771003	MW-3	Water	08/31/15 12:10	09/01/15 11:20
50126771004	MW-4	Water	08/31/15 12:22	09/01/15 11:20

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Dublin, OH 43017
(614)486-5427

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)328-3100

SAMPLE ANALYTE COUNT

Project: Park - D&T(4)
Pace Project No.: 50126771

Lab ID	Sample ID	Method	Analysis	Analytes Reported
50126771001	MW-1	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	RFS	8
50126771002	MW-2	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	RFS	8
50126771003	MW-3	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	RFS	8
50126771004	MW-4	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	RFS	8

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Dublin, OH 4 8017
(614)486 5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Park - 36(14)
Pace Project No.: 50126771

Sample: MW-1 **Lab ID: 50126771001** Collected: 08/31/15 12:36 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	207-08-9	
Chrysene	ND	ug/L	0.50	1	09/02/15 08:30	09/02/15 15:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 15:03	193-39-5	
Naphthalene	ND	ug/L	1.0	1	09/02/15 08:30	09/02/15 15:03	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	84	%	21-114	1	09/02/15 08:30	09/02/15 15:03	321-60-8	
p-Terphenyl-d14 (S)	47	%	25-131	1	09/02/15 08:30	09/02/15 15:03	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		09/04/15 18:44	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		09/04/15 18:44	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/04/15 18:44	1634-04-4	
Toluene	ND	ug/L	5.0	1		09/04/15 18:44	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		09/04/15 18:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	79-116	1		09/04/15 18:44	1868-53-7	
Toluene-d8 (S)	99	%	81-119	1		09/04/15 18:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-114	1		09/04/15 18:44	460-00-4	

Sample: MW-2 **Lab ID: 50126771002** Collected: 08/31/15 12:51 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	207-08-9	
Chrysene	ND	ug/L	0.50	1	09/02/15 08:30	09/02/15 16:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:15	193-39-5	
Naphthalene	ND	ug/L	1.0	1	09/02/15 08:30	09/02/15 16:15	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	82	%	21-114	1	09/02/15 08:30	09/02/15 16:15	321-60-8	
p-Terphenyl-d14 (S)	43	%	25-131	1	09/02/15 08:30	09/02/15 16:15	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		09/04/15 19:12	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		09/04/15 19:12	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/04/15 19:12	1634-04-4	
Toluene	ND	ug/L	5.0	1		09/04/15 19:12	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		09/04/15 19:12	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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(614)486-5421

Pace Analytical Services, Inc.
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Indianapolis, IN 46268
(317)328-3100

ANALYTICAL RESULTS

Project: Park - MI(14)
Pace Project No.: 50126771

Sample: MW-2 Lab ID: 50126771002 Collected: 08/31/15 12:51 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	103	%	76-116	1		09/04/15 19:10	1868-53-7	
Toluene-d8 (S)	100	%	81-118	1		09/04/15 19:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%	80-114	1		09/04/15 19:10	460-00-4	

Sample: MW-3 Lab ID: 50126771003 Collected: 08/31/15 12:10 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	207-08-9	
Chrysene	ND	ug/L	0.50	1	09/02/15 08:30	09/02/15 16:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:30	193-39-5	
Naphthalene	ND	ug/L	1.0	1	09/02/15 08:30	09/02/15 16:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	78	%	28-114	1	09/02/15 08:30	09/02/15 16:30	321-60-8	
p-Terphenyl-d14 (S)	88	%	25-131	1	09/02/15 08:30	09/02/15 16:30	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		09/04/15 13:23	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		09/04/15 13:23	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/04/15 13:23	1634-04-4	
Toluene	ND	ug/L	5.0	1		09/04/15 13:23	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		09/04/15 13:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	76-116	1		09/04/15 13:23	1868-53-7	
Toluene-d8 (S)	99	%	81-118	1		09/04/15 13:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	80-114	1		09/04/15 13:23	460-00-4	

Sample: MW-4 Lab ID: 50126771004 Collected: 08/31/15 12:22 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	207-08-9	
Chrysene	ND	ug/L	0.50	1	09/02/15 08:30	09/02/15 16:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	09/02/15 08:30	09/02/15 16:43	193-39-5	

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ANALYTICAL RESULTS

Project: Park 08(14)
Pace Project No: 92126771

Sample: MW-4 Lab ID: 92126771004 Collected: 09/01/15 12:22 Received: 09/01/15 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Naphthalene	ND	ug/L	1.0	1	09/02/15 08:30	09/02/15 16:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80	%.	21-114	1	09/02/15 08:30	09/02/15 16:43	321-60-8	
p-Terphenyl-d14 (S)	42	%.	25-134	1	09/02/15 08:30	09/02/15 16:43	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		09/04/15 13:51	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		09/04/15 13:51	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/04/15 13:51	1634-04-4	
Toluene	ND	ug/L	5.0	1		09/04/15 13:51	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		09/04/15 13:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-116	1		09/04/15 13:51	1868-53-7	
Toluene-d8 (S)	100	%.	81-110	1		09/04/15 13:51	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	80-114	1		09/04/15 13:51	460-00-4	

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QUALITY CONTROL DATA

Project: Park - 36(14)
Pace Project No: 50126771

QC Batch: MSV/60971 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST WATER
Associated Lab Samples: 50126771001, 50126771002

METHOD BLANK: 1372624 Matrix: Water
Associated Lab Samples: 50126771001, 50126771002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	09/04/15 11:26	
Ethylbenzene	ug/L	ND	5.0	09/04/15 11:26	
Methyl-tert-butyl ether	ug/L	ND	4.0	09/04/15 11:26	
Toluene	ug/L	ND	5.0	09/04/15 11:26	
Xylene (Total)	ug/L	ND	10.0	09/04/15 11:26	
4-Bromofluorobenzene (S)	%	108	80-114	09/04/15 11:26	
Dibromofluoromethane (S)	%	109	79-115	09/04/15 11:26	
Toluene-d8 (S)	%	99	81-110	09/04/15 11:26	

LABORATORY CONTROL SAMPLE: 1372625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	47.5	95	74-122	
Ethylbenzene	ug/L	50	44.0	88	65-133	
Methyl-tert-butyl ether	ug/L	50	51.4	103	68-122	
Toluene	ug/L	50	46.1	92	72-122	
Xylene (Total)	ug/L	150	137	91	72-124	
4-Bromofluorobenzene (S)	%			105	80-114	
Dibromofluoromethane (S)	%			106	79-115	
Toluene-d8 (S)	%			103	81-110	

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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Park - 36(14)
Pace Project No.: 50126771

QC Batch: MSV/80573 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50126771003, 50126771004

METHOD BLANK: 1372631 — Matrix: Water
Associated Lab Samples: 50126771003, 50126771004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	06/04/15 12:24	
Ethylbenzene	ug/L	ND	5.0	06/04/15 12:24	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/04/15 12:24	
Toluene	ug/L	ND	5.0	06/04/15 12:24	
Xylene (Total)	ug/L	ND	10.0	06/04/15 12:24	
4-Bromofluorobenzene (S)	%	94	80-114	06/04/15 12:24	
Dibromofluoromethane (S)	%	99	79-116	06/04/15 12:24	
Toluene-d8 (S)	%	101	81-110	06/04/15 12:24	

LABORATORY CONTROL SAMPLE: 1372632

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	50.9	102	74-122	
Ethylbenzene	ug/L	50	48.6	97	56-130	
Methyl-tert-butyl ether	ug/L	50	51.1	102	69-122	
Toluene	ug/L	50	49.8	100	72-122	
Xylene (Total)	ug/L	150	151	101	70-124	
4-Bromofluorobenzene (S)	%			96	80-114	
Dibromofluoromethane (S)	%			94	79-116	
Toluene-d8 (S)	%			95	81-110	

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QUALITY CONTROL DATA

Project: Park 06(14)
Pace Project No.: 50126771

QC Batch: OEXT/46088 — Analysis Method: EPA 8270 by SIM LVI
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50126771001, 50126771002, 50126771003, 50126771004

METHOD BLANK: 1370188 — Matrix: Water
Associated Lab Samples: 50126771001, 50126771002, 50126771003, 50126771004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	09/02/15 16:36	
Benzo(a)pyrene	ug/L	ND	0.10	09/02/15 16:36	
Benzo(b)fluoranthene	ug/L	ND	0.10	09/02/15 16:36	
Benzo(k)fluoranthene	ug/L	ND	0.10	09/02/15 16:36	
Chrysene	ug/L	ND	0.50	09/02/15 16:36	
Dibenz(a,h)anthracene	ug/L	ND	0.10	09/02/15 16:36	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	09/02/15 16:36	
Naphthalene	ug/L	ND	1.0	09/02/15 16:36	
2-Fluorobiphenyl (S)	%	83	21-114	09/02/15 16:36	
p-Terphenyl-d14 (S)	%	93	25-131	09/02/15 16:36	

LABORATORY CONTROL SAMPLE: 1370189

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec. Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	11.3	113	51-134	
Benzo(a)pyrene	ug/L	10	11.3	113	48-141	
Benzo(b)fluoranthene	ug/L	10	10.2	102	46-139	
Benzo(k)fluoranthene	ug/L	10	11.7	117	46-140	
Chrysene	ug/L	10	10.5	105	53-136	
Dibenz(a,h)anthracene	ug/L	10	11.4	114	44-132	
Indeno(1,2,3-cd)pyrene	ug/L	10	11.6	116	45-132	
Naphthalene	ug/L	10	9.1	91	30-112	
2-Fluorobiphenyl (S)	%			91	21-114	
p-Terphenyl-d14 (S)	%			91	25-131	

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QUALIFIERS

Project: Park - 35(14)
Pace Project No.: 50125771

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: OEX/40851

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park - 36(14)
Pace Project No. 50126771

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50126771001	MW-1	EPA 3510	OEXT/40651	EPA 8270 by SIM LVE	MSSV/18611
50126771002	MW-2	EPA 3510	OEXT/40651	EPA 8270 by SIM LVE	MSSV/18611
50126771003	MW-3	EPA 3510	OEXT/40651	EPA 8270 by SIM LVE	MSSV/18611
50126771004	MW-4	EPA 3510	OEXT/40651	EPA 8270 by SIM LVE	MSSV/18611
50126771001	MW-1	EPA 8260	MSV/80971		
50126771002	MW-2	EPA 8260	MSV/80971		
50126771003	MW-3	EPA 8260	MSV/80972		
50126771004	MW-4	EPA 8260	MSV/80972		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page 1 of 1

1959126

Section A Required Client Information:

Company: Spectra Environmental
Address: 70 W. Columbus St.
Pickerington, OH 43147
Email To: Jeff@SpectraEnv.com
Phone: 614-837-4758 Fax: 614-837-4715
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jeff Boad
Copy To:
Purchase Order No.:
Project Name: Park-05 (14)
Project Number: Park-06 (14)

Section C Invoice Information:

Attention: Jeff Boad
Company Name: Spectra Environmental
Address: 70 W. Columbus St
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9, -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	BTEX/MTBE (8260)	PAH (8270) (SIM)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
	Matrix Codes: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT																			5012677
1	MW-1	WT	G	9-1-15	12:36		4				X				X		X	X		001
2	MW-2	WT	G		12:54		4				X				X		X	X		002
3	MW-3	WT	G		13:10		4				X				X		X	X		003
4	MW-4	WT	G		13:30		4				X				X		X	X		004
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	SEC	9-1-15	9:53		9-1-15	9:53	1.2	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thrush

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 8-31-15

received in lab ORIGINAL
9-1-15 11:20

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Sample Condition Upon Receipt

Face Analytical

Client Name: Spence Environmental | Project # 5012677/

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer: 1 2 3 4 5 6 (A) B C D E F

Type of Ice: (Wet) Blue None

☒ Samples arrive, cooling process has begun

Cooler Temperature (Corrected, if applicable): 1.2 °C

Ice Visible in Sample Containers: ☐ yes ☒ no

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 9-1-15 LA

Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	5.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	6.
Containers Intact:	☒Yes	☐No	☐N/A	7.
Sample Labels match COC: -includes date/time/ID/Analysis	☒Yes	☐No	☐N/A	8
All containers needing preservation have been checked? (exceptions: VOA, coliform, TOC, O&G) All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes	☐No	☒N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
Headspace in VOA Vials (>6mm):	☐Yes	☒No	☐N/A	10.
Trip Blank Present	☐Yes	☒No	☐N/A	11.
Trip Blank Custody Seals Present	☐Yes	☒No	☐N/A	
Project Manager Review				
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	12.
Sufficient Volume	☒Yes	☐No	☐N/A	13
Correct Containers Used	☒Yes	☐No	☐N/A	14

Client Notification/ Resolution: Field Data Required? Y / (N)

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 9/1/15

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Sample Container Count

CLIENT: Spence Environmental

COC PAGE 1 of 1
COC ID# 195444

Project # 50126771

Page 1 of 15

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1Z	SPST	pH<2	pH>12	Comments
1	2			2																
2	2			2																
3	2			2																
4	2			2																
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

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Container Codes

DG9H	40mL HCl amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1-liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9L	40ml unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SPST	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500ml NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass.	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: September 9, 2015 FACILITY ID#: _____

5012771

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐
Sampler name included?	Yes ☒	No ☐
Sampler signature included?	Yes ☒	No ☐
Sample date included?	Yes ☒	No ☐
Sample time included?	Yes ☒	No ☐
List the preservation method(s):	HCl/Ice	
List the cooler temperature upon receipt.	1.2 °F ☐ °C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒ NA ☐
Were the soil sample containers filled?	Yes ☐	No ☐ NA ☒
Were sample containers tightly sealed?	Yes ☒	No ☐
Were the correct laboratory containers used?	Yes ☒	No ☐

SAMPLE ANALYSIS

Were all analysis performed using SW-846/ ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☐	No ☒
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch?		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☐	No ☒
Matrix spike duplicates or matrix duplicates	Yes ☐	No ☒
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs.	Yes ☐	No ☒
Were there any data qualifiers noted by the lab? If so, list sample IDs:	Yes ☐	No ☒

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☐ No ☒

Check lab certification that applies. ☐ Ohio EPA DDAGW ☒ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title:	Signature	Date
Joyce Sarapata, Project Manager, Pace Analytical	Joyce Sarapata	9/9/15

DRAFT

SPENCE
Environmental
Consulting, Inc.

RECEIVED
JUN 17 2015
SFM/BUSTR

June 16, 2015

Mr. Drue Roberts
Bureau of Underground Storage Tank Regulations (BUSTR)
Division of State Fire Marshal
8895 East Main Street
Reynoldsburg, OH 43068

Re: Groundwater Monitoring Report
Preston's IGA
282 East Sandusky Street, Mechanicsburg, Ohio 43044
Release No. 11009720-N00002

Dear Mr. Roberts:

Enclosed is the *Groundwater Monitoring Report* prepared by Spence Environmental Consulting, Inc (SEC) for the referenced site. No chemicals of concern were detected above the analytical test method detection limits in any of the groundwater samples. The last sampling event is scheduled for September 2015

I can be contacted at (614) 837-4750 if you should have any questions regarding the site or this report

Sincerely,
Spence Environmental Consulting, Inc.

Jeffrey J. Bood, P.G.
Senior Geologist

Enclosures

CC Dan Turben (Park National Bank)

DRAFT

SPENCE
Environmental
Consulting, Inc.

June 15, 2015

Mr. Dan Turben
Park National Bank
720 Gardner Road
Springboro, Ohio 45066

RE: Groundwater Monitoring Report
Preston's IGA
282 East Sandusky Street, Mechanicsburg, Ohio
BUSTR Incident No.: 11009720-N00002

DRAFT

Dear Mr. Turben:

Enclosed herein is a report prepared by Spence Environmental Consulting, Inc. (SEC) that documents the groundwater sampling event completed at the above-referenced location by SEC in May 2015. This groundwater sampling event is the first of two groundwater monitoring events approved by the Bureau of Underground Storage Tank Regulations (BUSTR) primarily to monitor benzene concentrations. The Tier 2 Evaluation and groundwater monitoring plan were approved by BUSTR in a letter dated May 6, 2015.

The purpose of the groundwater monitoring is to collect sufficient data to verify that the benzene concentration is stable and decreasing and that the concentration will remain below the groundwater ingestion action level developed using a hydraulic conductivity calibrated model. The approved monitoring plan includes sampling monitoring wells MW-1, MW-2, MW-3 and MW-4 for two additional quarters.

Groundwater Sampling

Monitoring wells MW-1, MW-2, MW-3 and MW-4 were purged and sampled on May 29, 2015. No free product was encountered in the monitoring wells, and a monitoring well sampling record is included as Appendix A. The groundwater sampling procedures included the following.

- The depth to liquid-phase free product (if any) and the depth to groundwater were determined in each well using a water level/interface probe.

- The volume of groundwater in each well (one well volume) was calculated.

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

- Each well was purged of a minimum of three well volumes or until dry followed by sample collection using a new disposable bailer.
- The collected samples were immediately placed into two 40-ml vials containing hydrochloric acid and two 100-ml amber jars and into a cooler with ice for preservation.

Relative groundwater elevations were determined by subtracting the static water levels from the top-of-casing elevations. The static water levels and new groundwater elevations are listed in Table 1, which also includes historical groundwater elevation and gauging data. Overall groundwater flow for this sampling event is toward the southeast (Figure 1) which is consistent with previous flow. Figures and tables are included as Appendix B.

The ground water samples were delivered to Pace Analytical Services, Inc. in Dublin, Ohio. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-tert-butyl-ether (MTBE) per EPA method SW846-8260, and polynuclear aromatic hydrocarbons (PAH) per EPA method SW846-8270. The analytical results are listed in Table 2 and Table 3, along with all historical results and are also shown on Figure 2. Copies of the analytical testing reports and chain-of-custody forms are included in Appendix C.

Results Summary

The analytical results indicate all chemicals of concern (COC) including benzene to be below laboratory detection limits for all monitoring wells. If this trend continues, the site should qualify for a no further action. The next sampling event is scheduled to take place in early September 2015.

Please do not hesitate to contact me at (614) 837-4750 if you should have any questions or comments regarding this report or project.

Sincerely,
Spence Environmental Consulting, Inc.

Jeffrey J. Bood, P.G.
Senior Geologist

Cc Drue Roberts (BUSTR)

Enclosures

DRAFT

Appendix A

Well Sampling Record

DRAFT

GROUNDWATER MONITORING FIELD OBSERVATIONS

	MONITORING OBSERVATIONS							PURGING OBSERVATIONS							SAMPLING OBSERVATIONS			
WELL ID	DATE/ TIME	WELL DIA. (IN)	PRODUCT DEPTH (FT)	SWL ACTUAL (FT)	PID OD	TOTAL DEPTH (FT)	CASING LENGTH (FT)	PURGE VOL (gal/VOL)	AMOUNT PURGED (GAL)	RECHARGE RATE (DRY, SLOW, RAPID)	COLOR	TURB (CLEAR, LOW, MED, HI)	ODOR	OTHER (TEMP/COND)	TIME	CONTAINERS	# OF FILTERS	VOLUME FILTERED (ml)
1	05/29/15	1	NA	5.93	NA	19.02	13.09	1.57	2.00	Moderate	Clear	Clear	None	NA	1:40	2 VOA	NA	NA
																1 L		
2	05/29/15	2	NA	5.29	NA	18.91	13.62	6.54	18.00	Rapid	Clear/ Lt. Br.	Lt	None	NA	2:37	2 VOA	NA	NA
																1 L		
3	05/29/15	2	NA	6.57	NA	20.19	13.62	7.80	8.00	Rapid	Clear/ Lt. Br.	Lt	None	NA	1:58	2 VOA	NA	NA
																1 L		
4	05/29/15	2	NA	6.46	NA	20.16	13.71	7.96	7.50	Moderate	Clear/ Lt. Br.	Lt	None	NA	2:10	2 VOA	NA	NA
																1 L		

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WEATHER CONDITIONS

Temperature: (F) ___

Last Rainfall Date & Amount: _____

EQUIPMENT & SUPPLIES USED

12 v Purge	Grundfos
YSI Probe	Solinst Probe
0.75" Disp Bailers	1.25" Disp Bailers
Polyvinyl Tubing	Teflon Tubing
Peristaltic Pump	

DIA (IN)	GAL PER FT	DIA (IN)	GAL PER FT
1	0.04	3	0.37
1.25	0.06	4	0.65
1.5	0.09	5	1.47
2	0.16	6	2.61

TIMES
0
WE...
VOLUMES

LABORATORIES, Backup Labs

Current: DHS Tracking: _____

Current: _____ Tracking: _____

DISPOSAL - STORAGE

Drums: ___ Other: _____

FIELD STAFF: TJT _____

PREPARED BY: TJT DATE: 5/29/2015

CLIENT: Park National Bank

PN: Park-06(14) PGS: 1 of 1

APPENDIX B

Appendix B – Tables and Figures

TABLE 1 – GROUNDWATER ELEVATION DATA
TABLE 2 – GROUNDWATER ANALYTICAL RESULTS – LIGHT DISTILLATES
TABLE 3 – GROUNDWATER ANALYTICAL RESULTS – MIDDLE DISTILLATES

FIGURE 1 – POTENTIOMETRIC SURFACE MAP
FIGURE 2 – GROUNDWATER ANALYTICAL RESULTS

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Table 1 - Static and Relative Groundwater Elevations

Benchmark: Southeast Corner of Site Building

Monitoring Well	Top of Casing Elevation	Static Water Level	Relative Groundwater Elevation
January 21, 2015			
MW-1	99.70	5.95	93.75
MW-2	99.95	4.32	95.63
MW-3	97.25	4.50	92.76
March 1, 2015			
MW-1	99.70	5.77	93.93
MW-2	99.50	5.14	93.36
MW-3	97.22	5.17	91.05
MW-4	98.35	5.33	93.02
May 29, 2015			
MW-1	99.70	5.93	93.77
MW-2	99.50	5.29	93.21
MW-3	97.22	4.97	92.45
MW-4	98.25	5.45	92.80

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Table 2 - Groundwater Analytical Results - Light Distillates
Parts per million (mg/L)

Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Detection Levels		0.428	15 5	38 1	10 6	1.240
Tier 1 Action Levels		0.005	1 0	0 7	10 0	0.04
UST Closure						
TC	10/31/14	0.059	0 803	0 117	0.824	<0.004
Tier Evaluation						
MW 1	1/21/15	<0.005	<0 005	<0.005	<0.01C	<0 004
	3/3/15	<0.005	<0.005	<0.005	<0.01C	<0 004
	5/29/15	<0 005	<0 005	<0.005	<0 01C	<0.004
MW-2	1/21/15	0.038	<0.005	<0.005	<0.01C	<0.004
	1/29/15	0.040	<0 005	<0.005	<0 01C	<0 004
	3/3/15	0.006	<0 005	<0 005	<0 01C	<0.004
	5/29/15	<0 005	<0 005	<0 005	<0 01C	<0 004
MW-3	1/21/15	<0 005	<0 005	<0.005	<0 01C	<0.004
	3/3/15	<0 005	<0 005	<0.005	<0 01C	<0.004
	5/29/15	<0 005	<0 005	<0.005	<0 01C	<0.004
MW 4	3/3/15	<0 005	<0 005	<0.005	<0 01C	<0.004
	5/29/15	<0 005	<0 005	<0 005	<0 01C	<0.004

Values listed in **Bold Type** exceed Tier 1 Action Levels

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Table 3 - Groundwater Analytical Results - Middle Distillates

Parts per million (mg/L)

Location	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene	Naphthalene
Delineation Levels		66.7	12.7	6.72	2.385	7.15	35.3	202	2.22
Tier 1 Action Levels		0.00025	0.0002	0.00017	0.0017	0.0470	0.0002	0.00022	0.14
UST Closure									
TC	12/31/14	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	0.014
Tier Evaluation									
MW-1	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-2	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-3	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-4	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	5/29/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001

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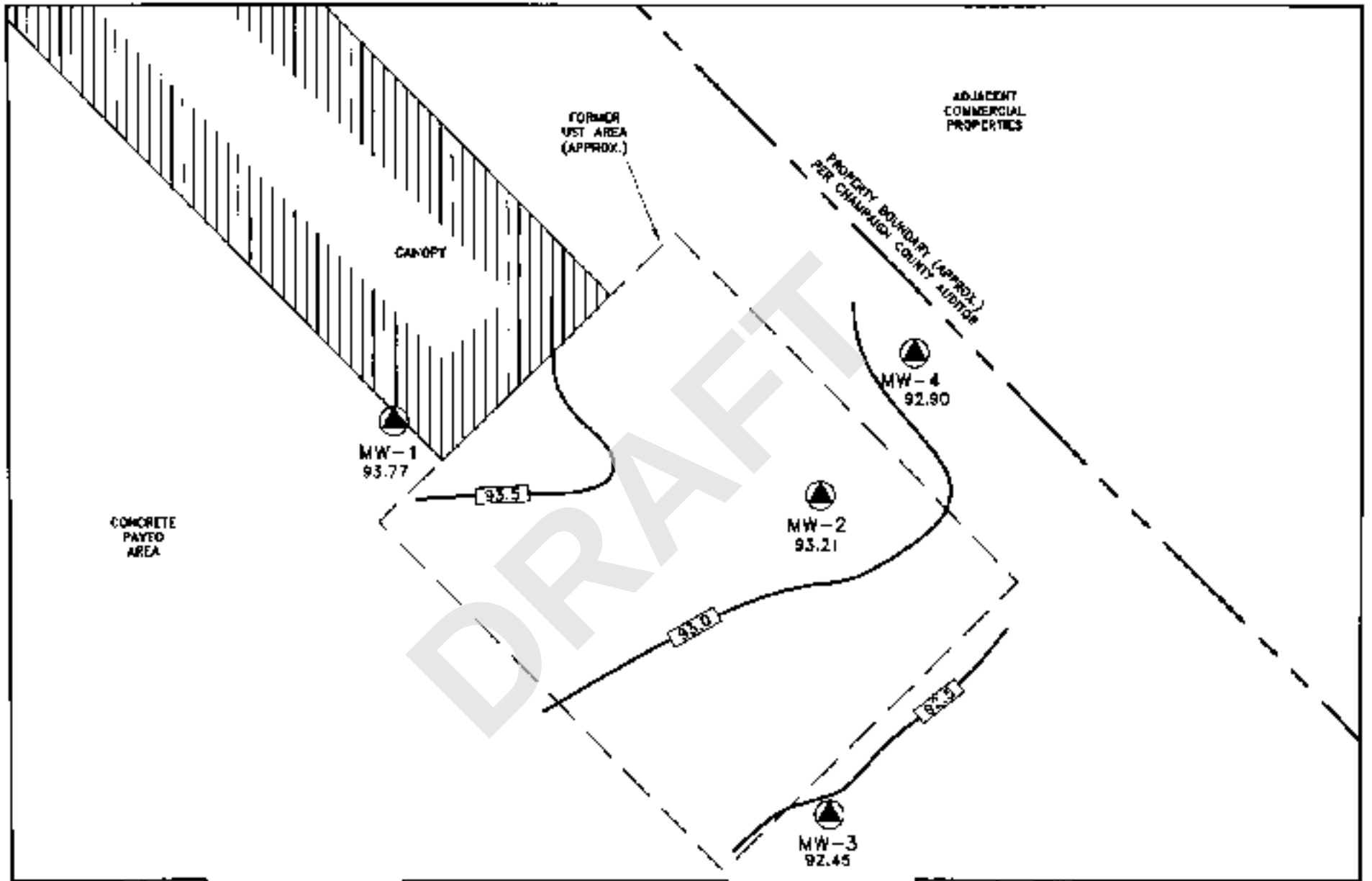
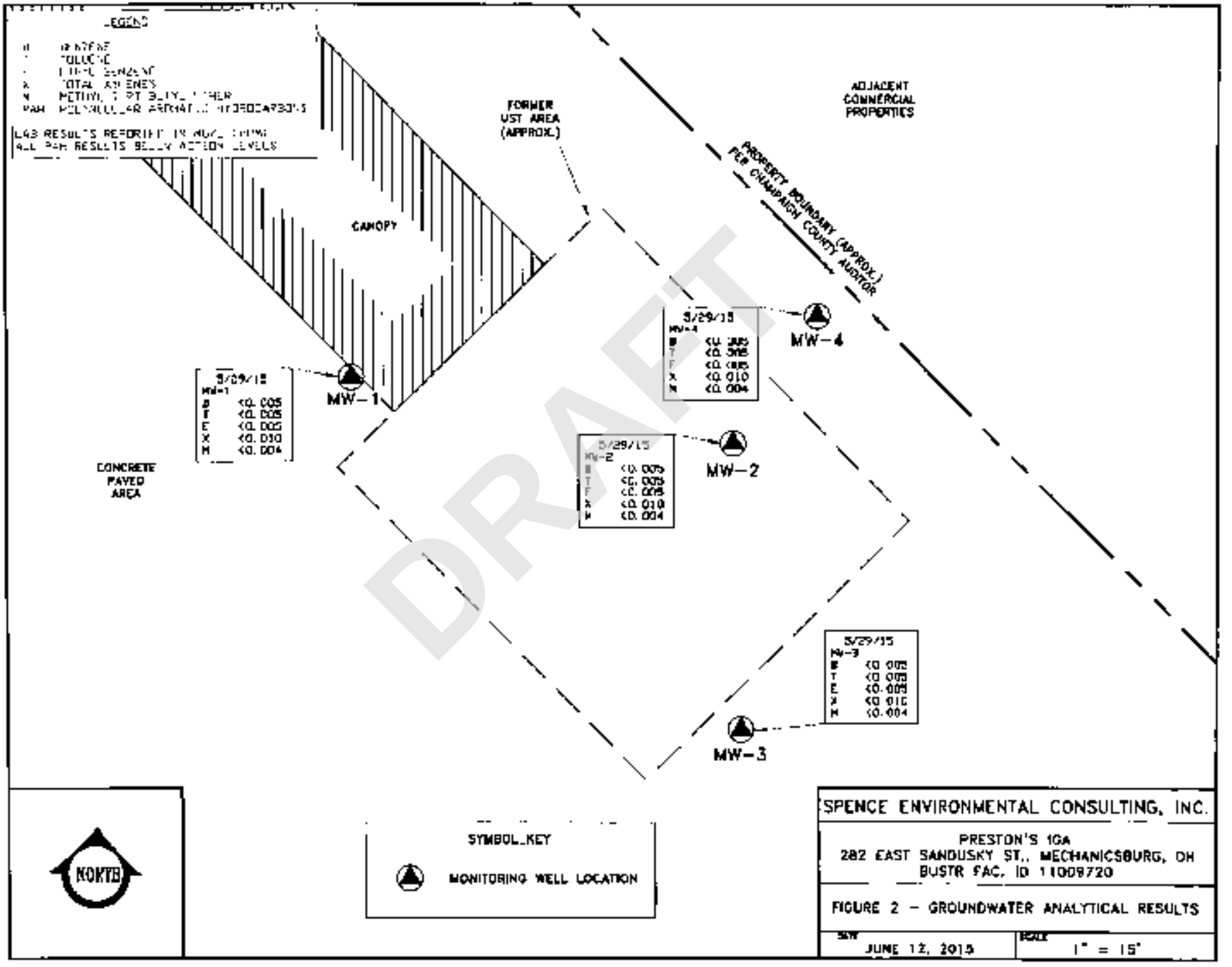

FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
CANOPY
MW-1
93.77
MW-4
92.90
MW-2
93.21
MW-3
92.45
93.5
93.0
92.5
CONCRETE PAVED AREA
DRAFT
NORTH
LEGEND
MONITORING WELL
97.18 RELATIVE STATIC WATER ELEVATION 5/29/15
POTENTIOMETRIC SURFACE 5/29/15
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S ICA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 1 – POTENTIOMETRIC SURFACE MAP
DATE
MARCH 23, 2015
SCALE
1" = 15'


LEGEND
B BENZENE
T TOLUENE
E ETHYL BENZENE
X TOTAL XYLENES
M METHYL T BUTYL ETHER
PAH POLYNUCLEAR AROMATIC HYDROCARBONS
LAB RESULTS REPORTED IN MG/L (PPM)
ALL PAH RESULTS BELOW ACTION LEVELS
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
CANOPY
CONCRETE PAVED AREA
MW-1
5/29/15
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-2
5/29/15
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-3
5/29/15
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
MW-4
5/29/15
B <0.005
T <0.005
E <0.005
X <0.010
M <0.004
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S 1GA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 2 – GROUNDWATER ANALYTICAL RESULTS
DATE
JUNE 12, 2015
SCALE
1" = 15'

DRAFT

Appendix C

Analytical Report, Chain-of-Custody & BUSTR QA/QC Form

DRAFT

Pace Analytical Services, Inc.
Not NELAP Accredited
4000 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

June 08, 2015

Jeff Bood
Spence Environmental
70 West Columbus St
Pickerington, OH 43147

RE: Project: Park-06 (14)
Pace Project No.: 50120006

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on June 01, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

DRAFT

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
Not NELAP Accredited
4050 Oleary Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Park-DG (14)
Pace Project No.: 50125005

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10177, E-10267
Kentucky UST Certification #: 0042
Kentucky WW Certification #: 90219
Louisiana/NELAP Certification #: 04078
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-00540
Texas Certification #: T104704355-15-8
West Virginia Certification #: 330
Wisconsin Certification #: 999786130
USDA Soil Permit #: P330-16-00120

DRAFT

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
Inc NT, AP Associated
4960 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc
7726 Moller Road
Indianapolis IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Park-05 (14)
Pace Project No. 50120005

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50120005001	MW-1	Water	05/28/15 13:48	06/01/15 15:10
50120005002	MW-2	Water	05/29/15 14:17	06/01/15 15:10
50120005003	MW-3	Water	05/29/15 13:56	06/01/15 15:10
50120005004	MW-4	Water	05/28/15 14:10	06/01/15 15:10

DRAFT

Pace Analytical Services, Inc.
Not NELAP Accredited
4000 Hawker Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Park 08 (14)
Pace Project No.: 50120005

Lab ID	Sample ID	Method	Analysis	Analytes Reported
50120005001	MW-1	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	DAE	8
50120005002	MW-2	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	DAE	8
50120005003	MW-3	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	DAE	8
50120005004	MW-4	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	DAE	8

DRAFT

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without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
Not NELAP Accredited
4955 Brazee Parkway
Cuba, OH 45317
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)875-5100

ANALYTICAL RESULTS

Project: Park-06 114
Pace Project No.: 50120005

Sample: MW-1 Lab ID: 50120005001 Collected: 05/29/15 13:49 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	207-08-9	
Chrysene	ND	ug/L	0.50	1	06/02/15 15:15	06/03/15 10:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:28	193-39-5	
Naphthalene	ND	ug/L	1.0	1	06/02/15 15:15	06/03/15 10:28	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	70	%.	21-114	1	06/02/15 15:15	06/03/15 10:28	321-60-8	
p-Terphenyl-d14 (S)	40	%.	25-131	1	06/02/15 15:15	06/03/15 10:28	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		06/02/15 21:27	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		06/02/15 21:27	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/02/15 21:27	1634-04-4	
Toluene	ND	ug/L	5.0	1		06/02/15 21:27	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		06/02/15 21:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	79-116	1		06/02/15 21:27	1868-53-7	
Toluene-d8 (S)	99	%.	81-110	1		06/02/15 21:27	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	80-114	1		06/02/15 21:27	460-00-4	

Sample: MW-2 Lab ID: 50120005002 Collected: 05/29/15 14:17 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	207-08-9	
Chrysene	ND	ug/L	0.50	1	06/04/15 12:15	06/05/15 10:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:43	193-39-5	
Naphthalene	ND	ug/L	1.0	1	06/04/15 12:15	06/05/15 10:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	42	%.	21-114	1	06/04/15 12:15	06/05/15 10:43	321-60-8	
p-Terphenyl-d14 (S)	26	%.	25-131	1	06/04/15 12:15	06/05/15 10:43	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		06/02/15 22:00	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		06/02/15 22:00	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/02/15 22:00	1634-04-4	
Toluene	ND	ug/L	5.0	1		06/02/15 22:00	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		06/02/15 22:00	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Part-05 (14)
Pace Project No: 50120005

Sample: MW-2 Lab ID: 50120005002 Collected: 05/29/15 14:17 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	99	%	79-116	1		06/02/15 22:00	1868-53-7	
Toluene-d8 (S)	99	%	91-110	1		06/02/15 22:00	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-114	1		06/02/15 22:00	460-00-4	

Sample: MW-3 Lab ID: 50120005003 Collected: 05/29/15 13:56 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	06/04/15 12:15	06/05/15 10:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	06/04/15 12:15	06/05/15 10:56	193-39-5	
Naphthalene	ND	ug/L	1.0	1	06/04/15 12:15	06/05/15 10:56	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	61	%	28-114	1	06/04/15 12:15	06/05/15 10:56	321-60-8	
p-Terphenyl-d14 (S)	41	%	25-137	1	06/04/15 12:15	06/05/15 10:56	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		06/02/15 22:33	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		06/02/15 22:33	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/02/15 22:33	1634-04-4	
Toluene	ND	ug/L	5.0	1		06/02/15 22:33	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		06/02/15 22:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	79-116	1		06/02/15 22:33	1868-53-7	
Toluene-d8 (S)	99	%	91-110	1		06/02/15 22:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%	80-114	1		06/02/15 22:33	460-00-4	

Sample: MW-4 Lab ID: 50120005004 Collected: 05/29/15 14:10 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	207-08-9	
Chrysene	ND	ug/L	0.50	1	06/02/15 15:15	06/03/15 10:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	06/02/15 15:15	06/03/15 10:41	193-39-5	

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ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50120005

Sample: MW-4 Lab ID: 50120005004 Collected: 06/25/15 14:10 Received: 06/01/15 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Naphthalene	ND	ug/L	1.0	1	06/02/15 16:15	06/03/15 10:41	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%	21-114	1	06/02/15 16:15	06/03/15 10:41	321-60-8	
p-Terphenyl-d14 (S)	40	%	25-101	1	06/02/15 16:15	06/03/15 10:41	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		06/02/15 23:06	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		06/02/15 23:06	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/02/15 23:06	1634-04-4	
Toluene	ND	ug/L	5.0	1		06/02/15 23:06	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		06/02/15 23:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%	76-118	1		06/02/15 23:06	1868-53-7	
Toluene-d8 (S)	98	%	81-110	1		06/02/15 23:06	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-114	1		06/02/15 23:06	460-00-4	

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QUALITY CONTROL DATA

Project: Park-05 (14)
Pace Project No.: 50120005

QC Batch: MSV/77404 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50120005001, 50120005002, 50120005003, 50120005004

METHOD BLANK: 1308390 — Matrix: Water
Associated Lab Samples: 50120005001, 50120005002, 50120005003, 50120005004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	08/02/15 15:00	
Ethylbenzene	ug/L	ND	5.0	08/02/15 15:00	
Methyl-tert-butyl ether	ug/L	ND	4.0	08/02/15 15:00	
Toluene	ug/L	ND	5.0	08/02/15 15:00	
Xylene (Total)	ug/L	ND	10.0	08/02/15 15:00	
4-Bromofluorobenzene (S)	%	100	80-114	08/02/15 15:00	
Dibromofluoromethane (S)	%	100	79-116	08/02/15 15:00	
Toluene-d8 (S)	%	100	81-110	08/02/15 15:00	

LABORATORY CONTROL SAMPLE: 1308391

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	43.2	86	74-122	
Ethylbenzene	ug/L	50	43.8	88	86-133	
Methyl-tert-butyl ether	ug/L	50	45.2	90	69-122	
Toluene	ug/L	50	42.7	85	72-122	
Xylene (Total)	ug/L	150	130	86	70-124	
4-Bromofluorobenzene (S)	%			102	80-114	
Dibromofluoromethane (S)	%			106	79-116	
Toluene-d8 (S)	%			100	81-110	

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QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50120005

QC Batch: OPAX/39551
QC Batch Method: EPA 3510
Analysis Method: EPA 8270 by SIM LVE
Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50120005001, 50120006004

METHOD BLANK: 1308234
Matrix: Water
Associated Lab Samples: 50120005001, 50120006004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	06/03/15 10:01	
Benzo(a)pyrene	ug/L	ND	0.10	06/03/15 10:01	
Benzo(b)fluoranthene	ug/L	ND	0.10	06/03/15 10:01	
Benzo(k)fluoranthene	ug/L	ND	0.10	06/03/15 10:01	
Chrysene	ug/L	ND	0.50	06/03/15 10:01	
Dibenz(a,h)anthracene	ug/L	ND	0.10	06/03/15 10:01	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	06/03/15 10:01	
Naphthalene	ug/L	ND	1.0	06/03/15 10:01	
2-Fluorobiphenyl (S)	%.	87	21-114	06/03/15 10:01	
p-Terphenyl-d14 (S)	%.	91	25-131	06/03/15 10:01	

LABORATORY CONTROL SAMPLE: 1308235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.4	94	51-134	
Benzo(a)pyrene	ug/L	10	5.3	53	48-141	
Benzo(b)fluoranthene	ug/L	10	5.6	56	46-139	
Benzo(k)fluoranthene	ug/L	10	5.1	51	48-140	
Chrysene	ug/L	10	7.3	73	53-136	
Dibenz(a,h)anthracene	ug/L	10	4.3	43	44-132	L0
Indeno(1,2,3-cd)pyrene	ug/L	10	4.5	45	45-132	
Naphthalene	ug/L	10	8.1	81	30-112	
2-Fluorobiphenyl (S)	%.			92	21-114	
p-Terphenyl-d14 (S)	%.			90	25-131	

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QUALITY CONTROL DATA

Project: Park-08 (14)
Pace Project No.: 50120005

QC Batch: OEXT/39571 — Analysis Method: EPA 8270 by SIM LVI
QC Batch Method: EPA 3510 — Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50120005002, 50120005003

METHOD BLANK: 1339685 — Matrix: Water
Associated Lab Samples: 50120005002, 50120005003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	06/05/15 10:16	
Benzo(a)pyrene	ug/L	ND	0.10	06/05/15 10:16	
Benzo(b)fluoranthene	ug/L	ND	0.10	06/05/15 10:16	
Benzo(k)fluoranthene	ug/L	ND	0.10	06/05/15 10:16	
Chrysene	ug/L	ND	0.50	06/05/15 10:16	
Dibenz(a,h)anthracene	ug/L	ND	0.10	06/05/15 10:16	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	06/05/15 10:16	
Naphthalene	ug/L	ND	1.0	06/05/15 10:16	
2-Fluorobiphenyl (S)	%	87	21-114	06/05/15 10:16	
p-Terphenyl-d14 (S)	%	94	26-131	06/05/15 10:16	

LABORATORY CONTROL SAMPLE: 1339687

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.1	91	51-134	
Benzo(a)pyrene	ug/L	10	7.7	77	48-141	
Benzo(b)fluoranthene	ug/L	10	7.7	77	49-138	
Benzo(k)fluoranthene	ug/L	10	6.9	69	48-140	
Chrysene	ug/L	10	7.7	77	53-130	
Dibenz(a,h)anthracene	ug/L	10	6.0	60	44-132	
Indeno(1,2,3-cd)pyrene	ug/L	10	6.1	61	45-132	
Naphthalene	ug/L	10	8.2	82	33-112	
2-Fluorobiphenyl (S)	%			84	21-114	
p-Terphenyl-d14 (S)	%			93	26-131	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1339688 1339689

Parameter	Units	50119918003 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(e)anthracene	ug/L	ND	10	10	7.1	6.8	71	68	31-127	5	20	
Benzo(a)pyrene	ug/L	ND	10	10	5.1	4.9	51	49	10-121	4	20	
Benzo(b)fluoranthene	ug/L	ND	10	10	5.5	5.1	56	51	10-113	10	20	
Benzo(k)fluoranthene	ug/L	ND	10	10	4.3	4.6	43	46	10-119	3	20	
Chrysene	ug/L	ND	10	10	6.3	5.7	63	57	32-127	9	20	
Dibenz(a,h)anthracene	ug/L	ND	10	10	2.6	2.7	26	27	10-104	5	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10	10	2.9	2.8	28	29	10-109	3	20	
Naphthalene	ug/L	ND	10	10	6.0	5.8	60	58	16-115	4	20	
2-Fluorobiphenyl (S)	%						60	57	21-114			

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QUALITY CONTROL DATA

Project: Pack-05 ('14)
Pace Project No.: 50120005

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1209686 1209689

Parameter	Units	50119038008 Result	MS Spike Conc	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
p-Terphenyl-d14 (S)	%						62	60	25-131			

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QUALIFIERS

Project: Park 55 (14)
Pace Project No.: 50120005

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot

ND - Not Detected at or above adjusted reporting limit

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

MDL - Adjusted Method Detection Limit

PQL - Practical Quantitation Limit

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park 06 (14)
Pace Project No.: 50120005

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50120005001	MW-1	EPA 3510	OEXT/39551	EPA 8270 by SIM LVE	MSSV/18109
50120005002	MW-2	EPA 3510	OEXT/39571	EPA 8270 by SIM LVE	MSSV/18134
50120005003	MW-3	EPA 3510	OEXT/39571	EPA 8270 by SIM LVE	MSSV/18134
50120005004	MW-4	EPA 3510	OEXT/39551	EPA 8270 by SIM LVE	MSSV/18109
50120005001	MW-1	EPA 8260	MSV/27404		
50120005002	MW-2	EPA 8260	MSV/27404		
50120005003	MW-3	EPA 8260	MSV/27404		
50120005004	MW-4	EPA 8260	MSV/27404		

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CHAIN-OF-CUSTODY / Analytical Request Document

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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1691969

Section A — Required Client Information:
Company: Spectra Environmental
Address: 70 W. Columbus St.
Pickerington, OH 43147
Email To: Jeff@SpectraEnv.com
Phone: 614-837-4258 Fax: 614-837-4755
Requested Due Date/TAT: Standard

Section B — Required Project Information:
Report To: Jeff Boal
Copy To:
Purchase Order No.:
Project Name: Park-06(14)
Project Number: Park-06(14)

Section C — Invoice Information:
Attention: Jeff Boal
Company Name: Spectra Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER
Site Location — STATE: OH

Section D — Required Client Information

Matrix Codes (Insert in Matrix column):
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SHIPPING TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test: BTEX (8260)	PAH (8270)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			5-28-15	1:49		4			X					X	X	X		001
2	MW-2	WT	G				2:17		4			X					X	X	X		002
3	MW-3	WT	G				1:58		4			X					X	X	X		003
4	MW-4	WT	G			↓	2:10		4			X					X	X	X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Requested Analysis Filtered (Y/N):

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Rec'd in lab 6/1/15 15:10 pm	TSEC	6-1-15			6/1/15	1540	0.2 4 N 4

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Tom Brust
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 5-29-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

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Sample Condition Upon Receipt

Face Analytical

Client Name: Spence

Project # 50190005

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Face Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other

Thermometer: 1 2 3 4 5 6 A B C D E F

Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 1.1

Ice Visible in Sample Containers: ☐ yes ☑ no.

Temp should be above freezing to 6°C

Date and initials of person examining contents:

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	6.
Containers Intact:	☑Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? -Exceptions: VOA, coliform, TOC, O&G. All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes ☐No ☑N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	10.
Trip Blank Present:	☐Yes ☑No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	12.
Sufficient Volume:	☑Yes ☐No ☐N/A	13.
Correct Containers Used:	☑Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 6/1/16

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Sample Container Count

CLIENT: [illegible]

COC PAGE 1 of 1
COC ID# 1169769

Project # 30120065

Pace Analytical

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4 / 8	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SPST	pH <2	pH >12	Comments
1	[illegible]			2																
2	[illegible]			2																
3	[illegible]			2																
4	[illegible]			2																
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9F	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1I	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SPST	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500ml NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziplac Bag

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report).

REPORT DATE: June 8, 2015 FACILITY CD#: 5010005

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	HCl/Ice.		
List the cooler temperature upon receipt:	0.2 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☐	No ☐	NA ☒
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch:		
- Lab control samples	Yes ☒	No ☐
- Method blanks	Yes ☒	No ☐
- Matrix spikes	Yes ☒	No ☐
- Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, %-recovery, or % RSD? If so, list sample IDs: 1308235	Yes ☒	No ☐
Were there any data qualifiers noted by the lab? If so, list sample IDs: 1308235	Yes ☒	No ☐

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☐ No ☒

Check lab certification that applies: ☐ Ohio EPA ODGW ☒ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title.	Signature	Date
Joyce Sarapata, Project Manager	Joyce Sarapata	6/9/15

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Release Report

Facility Name : **11009720 (PRESTONS IGA)**

Release Number : **N00002**

Person Reporting the Release

Name :

Company :

Address :

City :

Zip :

State : Ohio

Phone :

Remarks : 10/31/2014:1-12k gas, 1-8k gas, 16k diesel removed from single cavity.

Release Location

Facility Name : 11009720 (PRESTONS IGA)

Facility Type : Gas Station

Address 1 : 252 E SANDUSKY ST

Address 2 :

City : MECHANICSBURG

State : Ohio

County : Champaign

Zip : 43044

Facility Phone : (937)834-3464

Is Facility Attended : Yes

Emergency Contact : ED PRESTON

Emergency Phone : (937)869-8137

Longitude :

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		-83.54948
Latitude	:	40.07763
Last Updated On	:	
Class A Contact	:	
Is Contact Certified	:	No
Class B Contact	:	
Is Contact Certified	:	No
Par	:	False
Duration	:	1.8

Release Information

RPT Date		10/28/2014			
CON Date	:				
Coordinator	:	Drue Roberts			
Priority	:	2			
UTF	:	1 SUS/CON from regulated UST	Due Date	:	
Rules	:	2012			
Status	:	NFA; No Further Action (ES)	Date of Last Change	:	10/01/2015
Sub Status	:	Approved			
Class	:	D			
Ref Date	:				
Date of Last Review	:	10/01/2015			
Owner	:	DAN TURBEN			

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Release Report

Conditions

Source : Closure

Contents : Gasoline; Diesel

USEPA Leak Autopsy

Source :

Cause :

Release Contacts

S.No	Release Contact	Begin Date	End Date

There are no Consultants.

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Site Information

Land Use :

GW Flow Direction :

GW Depth(ft) :

Bedrock Depth(ft) :

Sensitive Area : No

DWSPA :

Drinking Water :

Soil Class :

Soil USCS :

Release Report

Priority Tracking System

Soil	:
Water	:
Free Product	:
Drinking H2O	:
Total Score	: 0
Impacts	:

Environmental Covenant

Recorded Date	:
EC Terminated Date	:
Reporting Date	:
Restrictions	:
Restrictions (Other)	:

LSEPA Reporting Requirements

		Current	Total
Gal GW	:		
Gal Product	:		
Yds PCS	:		
Soil Contamination	:		
GW Contamination	:		
Number of properties with an Alt DW Supply	:		0

Type of GW Impact:		
	Drinking Water	: No
	Drinking Water Municipal Well	: No
	Drinking Water Private Well	: No

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Release Report

Cleanup Technologies	:
Soil Contaminant	:
Soil Above Action Level	:
GW Contaminant	:
GW Above Action Level	:

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SFM/BUSTR

Tier 1 Notification Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

February 12, 2015

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SPENCE
Environmental
Consulting, Inc.

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

Tier 1 Notification Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

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Client	Mr. Dan Turben Park National Bank 720 Gardner Road Springboro, Ohio 45066
Project No :	Park-06(14)
Distribution	Mr. Dan Turben (2 Copies) SEC File (1 Electronic Copy)
Date:	February 12, 2015

Prepared by:

Jeffrey J. Bood, P.G. Senior Geologist

R. Curtis Spence, P.E., President

Spence Environmental Consulting, Inc.
70 West Columbus Street
Pickerington Ohio 43147
(614) 837-4750

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SFM/BUSTR

Department of Commerce

TIER 1 NOTIFICATION FORM 2012

REPORT DATE: February 12, 2015 FACILITY ID#: [illegible]

OWNER/OPERATOR AND FACILITY DATA

UST OWNER INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

FACILITY INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, ZIP:	Mechanicsburg, 43044
COUNTY	Champaign
LAT/LONG (decimal):	40.077637/-83.534948
RELEASE #:	N00002

UST OPERATOR INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

PROPERTY OWNER INFORMATION:

COMPANY:	Security National Bank Div. of Park National Bank
ADDRESS:	70 S. Limestone Street
CITY, STATE:	Springfield, OH
ZIP:	45502
CONTACT PERSON:	Dan Turben
CONTACT PHONE:	(937) 286-9336

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

TANK #	DATE INSTALLED	CAPACITY	PRODUCT	CONST. MATERIAL	TANK STATUS	DATE REMOVED
T0001	Unknown	1,000	Gasoline	Steel	R	07/09/03
T0002	Unknown	1,000	Gasoline	Steel	R	07/09/03
T0003	5/25/04	12,000	Gasoline	Fiberglass	R	10/31/14
T0004	5/25/04	8,000	Gasoline	Fiberglass	R	10/31/14
T0005	5/25/04	6,000	Diesel	Fiberglass	R	10/31/14

STATUS: *CIP = Closed-in-Place, CIS = Change-in-Service, CIU = Currently-in-Use, R = Removed, RE = Replaced, OOS≤90 = Out-of-Service ≤ 90 days, OOS>90 = Out-of-Service > 90 days, OOS>12 = Out-of-Service > 12 months*

SITE HISTORY AND VISUAL SITE EVALUATION

Describe the property, surrounding area, the date the release occurred, etc.

The site has a history of use as a grocery store and retail fuel station and is currently unoccupied. Adjacent properties consist of residential properties to the north, east and south, and a residential property and a farm field to the west. Two 1,000 gallon gasoline USTs were removed from the site in 2003 and received a no further action from BUSTR. Three USTs were installed at the site in 2004 (two gasoline and one diesel) and were removed in October 2014. A water sample collected from the tank cavity in October 2014 contained benzene above closure action levels; therefore, a Tier 1 Source Investigation was required.

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TIER 1 SOURCE INVESTIGATION

POTENTIAL RELEASE SOURCE(S):

☐ Tank	☐ Piping	☐ Dispenser	☐ Submersible Pump
☐ Delivery Problem	☐ Unknown	☐ Other	☒ N/A

List specific sources:

A water sample collected from the tank cavity during the UST closure assessment contained benzene above the Closure Action Level

POTENTIAL CAUSE OF RELEASE:

☐ Spill	☐ Overfill	☐ Corrosion	☐ Install Problem	☐ N/A
☐ Physical / Mechanical Damage or Failure		☒ Unknown	☐ Other	

List specific causes:

N/A

CHEMICALS OF CONCERN:

Group 1 and 2

SUBSURFACE INVESTIGATION:

Previously installed soil borings and date installed:

None

Previously installed monitoring wells and date installed:

None

Soil borings installed during this investigation and date installed:

MW-1, MW-2 and MW-3 were installed on January 15, 2015.

Monitoring wells installed during this investigation and date installed:

MW-1, MW-2 and MW-3 were installed on January 15, 2015

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SB/MW	Install Date	MW Diameter	Latitude	Longitude	Installed With*	Total Depth	Depth to GW	Depth to Bedrock	Screened Interval
MW-1	01/15/15	1-inch			DP	19	14.0	N/A	9.0-19.0
MW-2	01/15/15	1-inch			DP	18	14.0	N/A	8.0-18.0
MW-3	01/15/15	1-inch			DP	19	14.5	N/A	9.0-19.0

** HSA/SS - Hollow stem auger / split spoon, DP = Direct push HA = Hand auger*

FIELD SCREENING

Instrument used: MiniRAE Lite PGM-7300 PID

Methodology:

Headspace analysis technique by penetrating the zip-lock bag samples with the tip of the PID.

Calibration procedure:

2-point method with ambient air and 100 ppm isobutylene per manufacturer's specifications

SB/MW#	MW-1	MW-2	MW-3					
Depth	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)
0-2'	0.2	0.0	0.0					
2-4'	0.2	0.0	0.0					
4-6'	0.7	0.0	0.0					
6-8'	0.3	0.0	0.1					
8-10'	0.5	0.0	0.5					
10-12'	1.2	0.0	0.3					
12-14'	1.0	0.0	0.3					
14-16'	0.7	0.0	0.2					
16-18'	0.3	0.0	0.1					
18-20'	0.0	0.0	0.0					
20-22'								
22-24'								
24-26'								
26-28'								
28-30'								
30-32'								
32-34'								
34-36'								
36-38'								
38-40'								
40-42'								
42-44'								
44-46								
46-48'								
48-50'								
GW Depth	14.0	14.0	14.5					

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NOTE: THE INTENTION OF SAMPLES SUBMITTED FOR ANALYSIS SHOULD BE INDICATED IN BOLD

SOIL CLASSIFICATION

Select one of the following

☐ SOIL CLASS 1 (USCS soil symbols GW, GP, GM, GC, SW, SP, SM)

☒ SOIL CLASS 2 (USCS soil symbols SC, ML, CL, OL, MH)

☐ SOIL CLASS 3 (USCS soil symbols CH, OH, PT)

LABORATORY DATA

LABORATORY NAME: PACE Analytical Services, Inc.
ADDRESS: 4860 Blazer Parkway, Dublin, Ohio 43017
PHONE #: (614) 486-5421

ACCREDITATION (List at least one): Ohio VAP Certification #CL0065

Date samples received by lab: Soil – 1/16/15, Water – 1/21/15; 1/29/15
Temperature of cooler: Soil – 3.9 °C; Water – 7.5 °C; 5.4 °C
Date samples analyzed by lab: Soil – 1/19/15-1/23/15; Water – 1/22/15-1/23/15, 1/31/15
Test methods: 8260, 8270, 8015

CONTAMINANT CONCENTRATIONS IN SOIL

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	MAXIMUM			HISTORICAL MAXIMUM*		
		Location ID	Depth	Conc. (ppm)**	Location ID	Depth	Conc. (ppm)**
BENZENE	0.252	All	All	<0.005	All	All	<0.006
TOLUENE	29.6	All	All	<0.005	All	All	<0.006
ETHYLBENZENE	43	All	All	<0.005	All	All	<0.006
TOTAL XYLENES	18	All	All	<0.012	All	All	<0.012
MTBE	0.298	All	All	<0.005	All	All	<0.006
BENZO (a) ANTHRACENE	11	All	All	<0.005	All	All	<0.006
BENZO (a) PYRENE	1	All	All	<0.005	All	All	<0.006
BENZO (b) FLUORANTHENE	11	All	All	<0.005	All	All	<0.006
BENZO (k) FLUORANTHENE	110	All	All	<0.005	All	All	<0.006
CHRYSENE	1100	All	All	<0.005	All	All	<0.006
DIBENZ (a,h) ANTHRACENE	1.1	All	All	<0.005	All	All	<0.006
INDENO (1,2,3-cd) PYRENE	11	All	All	<0.005	All	All	<0.006
NAPHTHALENE	56	All	All	<0.005	DW-1	5	0.02
TPH (C6-C12)	3,000	All	All	<12	All	All	<12
TPH (C10-C28)	10,000	MW-3	12-14	25.6	All	All	<12.3
TPH (C20-C34)							
OTHER (List below, add rows as needed):							

* *For this release, including closure or site check results. Only complete if soil data has been reported via an IRA, a RAP, or confirmation sampling.*

** *Soil results are to be reported on a dry weight basis. Where concentrations are less than detection limits, indicate the detection limit (e.g. < 0.005).*

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CONTAMINANT CONCENTRATIONS IN GROUNDWATER

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	HISTORICAL MAXIMUM*		CURRENT MAXIMUM	
		MW #	Conc. (ppm)**	MW #	Conc. (ppm)**
BENZENE	TC	0.059	TC	MW-2	0.040
TOLUENE	TC	0.806	TC	A-1	<0.005
ETHYLBENZENE	TC	0.110	TC	A-1	<0.005
TOTAL XYLENES	TC	0.624	TC	A-1	<0.010
MTBE	TC	<0.004	TC	A-1	<0.004
BENZO (a) ANTHRACENE	TC	<0.00010	TC	A-1	<0.00010
BENZO (a) PYRENE	TC	<0.00010	TC	A-1	<0.00010
BENZO (b) FLUORANTHENE	TC	<0.00010	TC	A-1	<0.00010
BENZO (k) FLUORANTHENE	TC	<0.00010	TC	A-1	<0.00010
CHRYSENE	TC	<0.00050	TC	A-1	<0.00050
DIBENZ (a,h) ANTHRACENE	TC	<0.00010	TC	A-1	<0.00010
INDENO (1,2,3-cd) PYRENE	TC	<0.00010	TC	A-1	<0.00010
NAPHTHALENE	TC	0.014	TC	A-1	<0.00010
OTHER (List below, add rows as needed)					

* *For this release, including closure or site check results.*

** *Where concentrations are less than detection limits, indicate the detection limit (e.g. < 0.005)*

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MISCELLANEOUS DATA

THE FOLLOWING ITEMS MUST BE ATTACHED:

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-13 OR ADDITIONAL INFORMATION WHICH CLARIFIES THE INVESTIGATION ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

TABLES:

TABLE 1 SOIL CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS
TABLE 2 GROUND WATER CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS

FIGURES:

FIGURE 1 TOPOGRAPHIC MAP
FIGURE 2 SITE MAP
FIGURE 3 SITE MAP WITH SOIL BORING LOCATIONS, SOIL CONCENTRATIONS AND SAMPLE DEPTH
FIGURE 4 SITE MAP WITH MONITORING WELLS AND GROUND WATER CONCENTRATIONS
FIGURE 5 GROUND WATER CONTOUR MAP

APPENDIX:

APPENDIX A SOIL BORING LOGS
APPENDIX B MONITORING WELL CONSTRUCTION DIAGRAMS
APPENDIX C MONITORING WELL DEVELOPMENT & SAMPLING FORMS
APPENDIX D SOIL CLASSIFICATION FORM
APPENDIX E LABORATORY ANALYTICAL REPORT
APPENDIX F LABORATORY SUMMARY FORM
APPENDIX G CHAIN OF CUSTODY
APPENDIX H PHOTOGRAPHS

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FORM PREPARED BY:

NAME: Jeffrey J. Bood
COMPANY: Spence Environmental Consulting, Inc.
STREET ADDRESS: 70 West Columbus Street
CITY, STATE, ZIP: Pickerington, Ohio 43147
PHONE #: (614) 837-4750
EMAIL: jeff@spenceenv.com

The Tier 1 Notification Report Form must be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the form is legible and complete.

OWNER / OPERATOR SIGNATURE: [signature]

PRINT NAME: [illegible] **DATE:** 2-12-15

CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1: Light distillate products including unleaded gasoline, leaded gasoline and aviation gasoline

Analytical Group 2: Middle distillate products including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels

Analytical Group 3: Heavy petroleum distillate products including, but not limited to, lubricating and hydraulic oils

Analytical Group 4: Used oil

Analytical Group 5: Unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

	Analytical Group Number	1	2	3	4	5	Analytical Methods
		Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
	Chemical						
Aromatics	Benzene	X	X		X		8021/8260
	Toluene	X	X		X		
	Ethylbenzene	X	X		X		
	m, m and p-Xylenes	X	X		X		
Additives	Methyl tertiary-butyl ether (MTBE)	X			X		
Polynuclear Aromatics	Benzo(a)anthracene		X	X	X		8270/8310
	Benzo(a)pyrene		X	X	X		
	Benzo(b)fluoranthene		X	X	X		
	Benzo(k)fluoranthene		X	X	X		
	Chrysene		X	X	X		
	Dibenz(a,h)anthracene		X	X	X		
	Indeno(1,2,3-c,d)pyrene		X	X	X		
	Naphthalene		X	X	X		
Chlorinated Hydrocarbons	Volatile Organic Hydrocarbons				X		8260
Total Petroleum Hydrocarbons *1	TPH (C4 – C12)	X			X		8015
	TPH (C13 – C20)		X		X		
	TPH (C21 – C34)			X	X		
	Metals based on DSJ concepts			X	X	*2	

*1 TPH analysis is not required for ground water samples.

*2 Additional chemicals of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

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Appendix A - Tables

1 - Static and Relative Groundwater Elevations
2 - Tier 1 Action Levels
3 - Soil Analytical Results – Light Distillates
4 - Soil Analytical Results – Middle Distillates
5 - Groundwater Analytical Results – Light Distillates
6 - Groundwater Analytical Results – Middle Distillates

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Table 1 - Static and Relative Groundwater Elevations

Benchmark: Southeast Corner of Site Building

Monitoring Well	Top of Casing Elevation	Static Water Level	Relative Groundwater Elevation
January 21, 2015			
MW-1	99.70	5.95	93.75
MW-2	98.85	4.32	94.53
MW-3	97.26	4.50	92.76

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Table 2 - Tier 1 Action Levels
Parts per million (mg/kg-mg/L)
Residential Land Use Scenario (Tier 1 Default)

	Soil					Groundwater*		
Pathway	Direct Contact with Soils	Soil Leach to Drinking Water	Soil Leach to Non-Drinking Water	Soil Volatilization to Indoor Air	Soil Volatilization to Outdoor Air	Groundwater Ingestion	Groundwater Volatilization to Indoor Air	Groundwater Volatilization to Outdoor Air
Soil Type	NA	CL	CL	CL	CL	NA	CL	CL
Depth to Groundwater	NA	NA	NA	NA	NA	NA	0-15	0-15
Benzene	9.8	**0.282**	21.8	1.15	51	**0.005**	4.29	860
Toluene	590	105	1630	70.8	3,130	1	155	34,000
Ethylbenzene	1500	**83**	4,530	233	10,300	**0.7**	382	86,300
Total Xylenes	560	625	342	**18**	793	**10**	41.1	8,960
MTBE	5,300	**0.788**	24,400	1,270	60,500	**0.04**	2,400	565,000
Benzo(a)anthracene	11	18,000	>1E^+6	595,000	>1E^+6	**0.00026**	659	31,000
Benzo(a)pyrene	**1.1**	>1E^+6	>1E^+6	305,000	>1E^+6	**0.0002**	127	6,200
Benzo(b)fluoranthene	11	>1E^+6	>1E^+6	208,000	>1E^+6	**0.00017**	67.4	2,720
Benzo(k)fluoranthene	110	738,000	>1E^+6	>1E^+6	>1E^+6	**0.0017**	23,800	>1E^+6
Chrysene	1,100	461,000	>1E^+6	>1E^+6	>1E^+6	**0.047**	7,170	285,000
Dibenz(a,h)anthracene	**1.1**	>1E^+6	>1E^+6	>1E^+6	>1E^+6	**0.0002**	344	38,700
Indeno(1,2,3-cd)pyrene	11	>1E^+6	>1E^+6	>1E^+6	>1E^+6	**0.00022**	2,020	131,000
Naphthalene	54	842	1340	67.3	2,980	**0.14**	22.2	1,400
TPH C6-C12*	5,000	NA	NA	NA	NA	NA	NA	NA
TPH C10-C20*	10,000	NA	NA	NA	NA	NA	NA	NA

*TPH Action Level independent of pathway

*Values listed in **BOLD** shaded cells indicate the lowest AL per media for the COC*

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Table 3 - Soil Analytical Results - Light Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	TPH C6-C12
Tier 1 Delineation Levels			1.04	613	199	157	1,240	5,000
Tier 1 Action Levels			0.252	70.5	9.7	18	0.768	5,000
UST Excavation Results								
NW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.011	<0.005	<1.1
FW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.012	<0.005	<1.2
Dispenser & Piping Run Results								
D-1	3'	10/31/14	<0.005	<0.005	<0.005	<0.012	<0.005	<1.2
D-2	3'	10/31/14	<0.005	<0.005	<0.005	<0.012	<0.005	<1.2
D-3	3'	10/31/14	<0.005	<0.005	<0.005	<0.012	<0.005	<1.2
P-1	2'	10/31/14	<0.005	<0.005	<0.005	<0.012	<0.005	<1.2
Stockpile Results								
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-18	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
Tier 1 Source Investigation								
MW-1	10-12	1/15/15	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
	12-14		<0.006	<0.006	<0.006	<0.011	<0.006	<1.1
MW-2	12-14	1/15/15	<0.006	<0.006	<0.006	<0.011	<0.006	<1.1
MW-3	8-10	1/15/15	<0.006	<0.006	<0.006	<0.011	<0.006	<1.1
	12-14		<0.006	<0.006	<0.006	<0.012	<0.006	<1.1

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Table 4 - Soil Analytical Results - Middle Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-c,d) pyrene	Naphthalene	TPH D10-C20
Tier 1 Exposure Levels			11	1.1	11	110	1,700	1.1	11	54	10,000
Tier 1 Action Levels			11	1.1	11	110	1,400.00	1.1	11	54	10,000
UST Excavation Results											
NW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
EW-1	5	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<12.2
Dispenser & Piping Run Results											
D-1	2'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
D-2	2'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<12.1
D-3	2'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
P-3	2	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.8
Stockpile Results											
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.8
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.4
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.7
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.1
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2
SP-16	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
Tier 1 Source Investigation											
MW-1	10-12	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
MW-2	12-14	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
MW-3	8-10	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	25.1

Invalid

Table 5 - Groundwater Analytical Results - Light Distillates

Parts per million (mg/L)

Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Delineation Levels		*0.426*	*15 5*	*36 1*	*19 0*	*1 240*
Tier 1 Action Levels		*0 005*	*1.0*	*0 7*	*10.0*	*0 04*
UST Closure						
TC	12/30/14	**0.039**	0 906	0 117	0.024	<0.004
Per Evaluation						
MW-1	1/21/15	<0 005	<0 005	<0 005	<0 010	<0.004
MW-2	1/21/15	**0.038**	<0 005	<0 005	<0 010	<0.004
	1/29/15	**0.040**	<0.005	<0 005	<0 010	<0.004
MW-3	1/21/15	<0 005	<0 005	<0 005	<0 010	<0.004

Values listed in **Bold Type** exceed Tier 1 Action Levels

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Table 6 - Groundwater Analytical Results - Middle Distillates

Parts per million (mg/L)

Location	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene	Naphthalene
Detection Levels		*0.67*	*12.7*	*6.72*	*2.380*	*713*	*35.3*	*202*	*2.22*
Tier 1 Action Levels		*0.00025*	*0.0002*	*0.00017*	*0.0017*	*0.0070*	*0.0002*	*0.00022*	*2.14*
UST Closure									
TC	10/21/14	<0.00010	<0.00010	<0.00010	<0.00010	<0.00350	<0.00010	<0.00010	0.014
Tier Evaluation									
MW-1	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00350	<0.00010	<0.00010	<0.021
MW-2	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00350	<0.00010	<0.00010	<0.021
MW-3	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00350	<0.00010	<0.00010	<0.021

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Appendix B - Figures

1 - U S G S. Topographic Map
2 - Site Map
3 - Site Plan
4 - Soil Analytical Results
5 - Groundwater Analytical Results
6 - Potentiometric Surface Map

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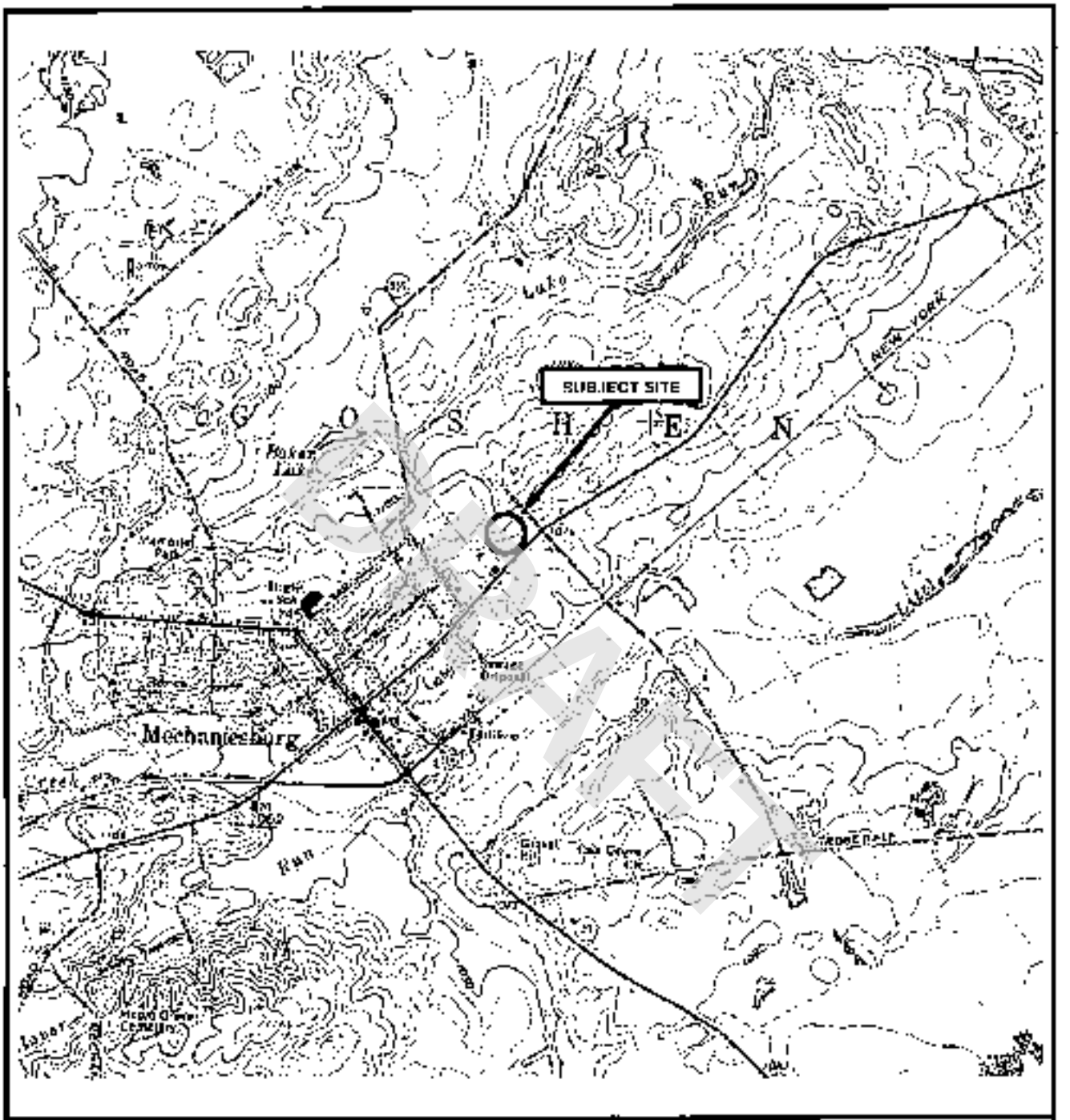


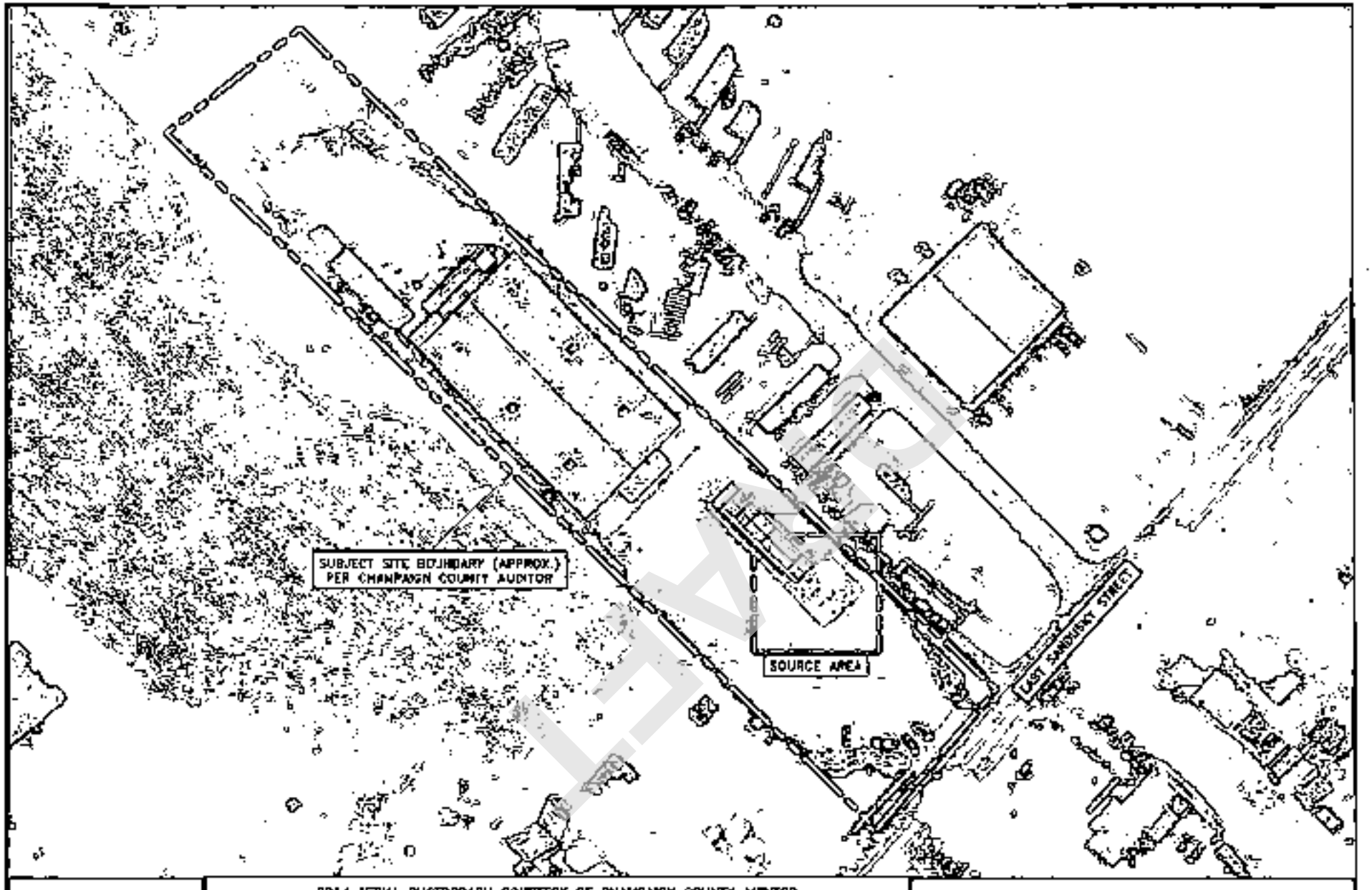
Mechanicsburg, Ohio 7.5 minute series USGS Quadrangle, 1960 Revision

N
W E
S

SCALE: 1" = ± 2,000'

FIGURE 1 – USGS Topographic Map
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio

SPENCE
Environmental
Consulting, Inc.



2014 AERIAL PHOTOGRAPH COURTESY OF CHAMPAIGN COUNTY AUDITOR

NORTH

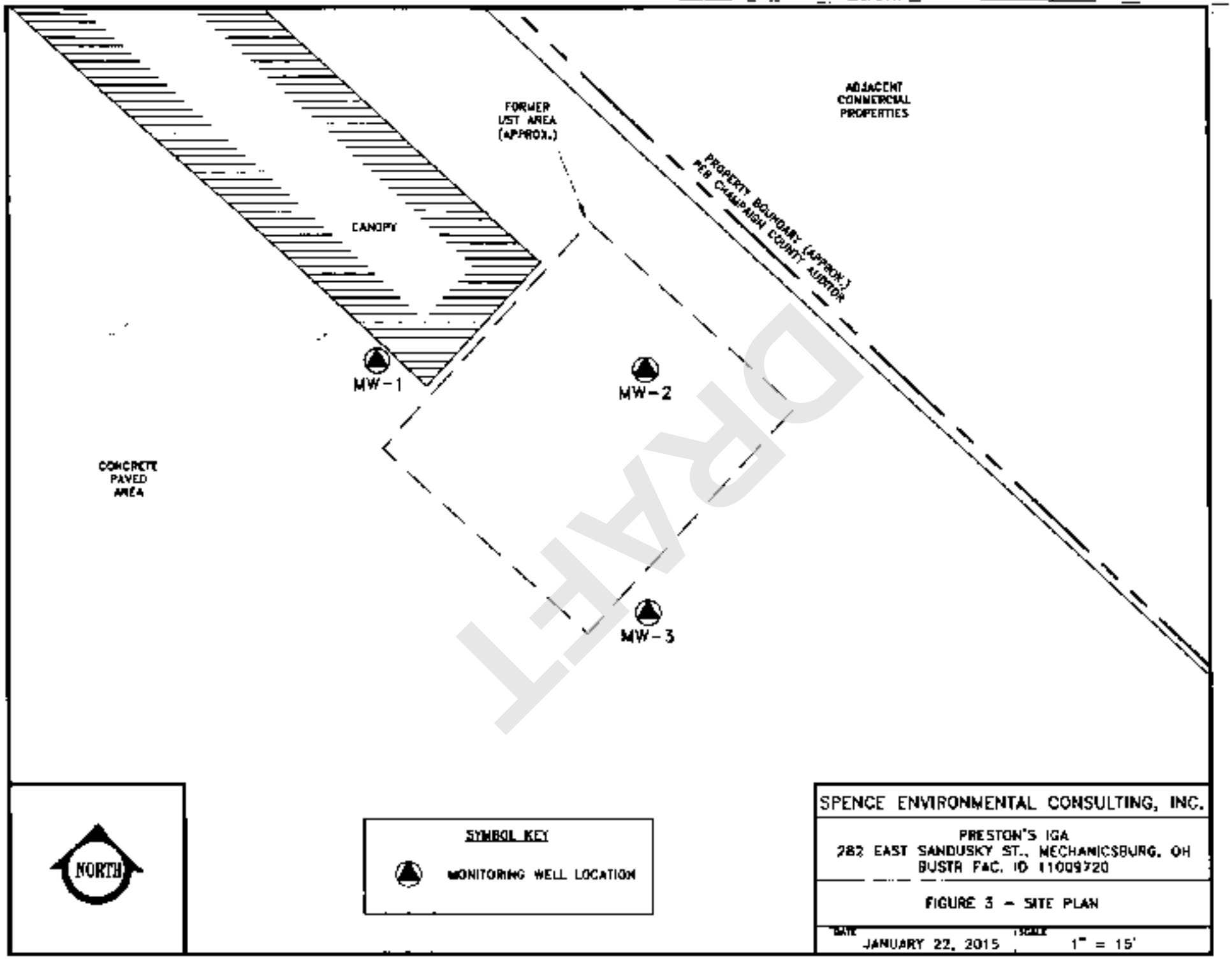
SPENCE ENVIRONMENTAL CONSULTING, INC.

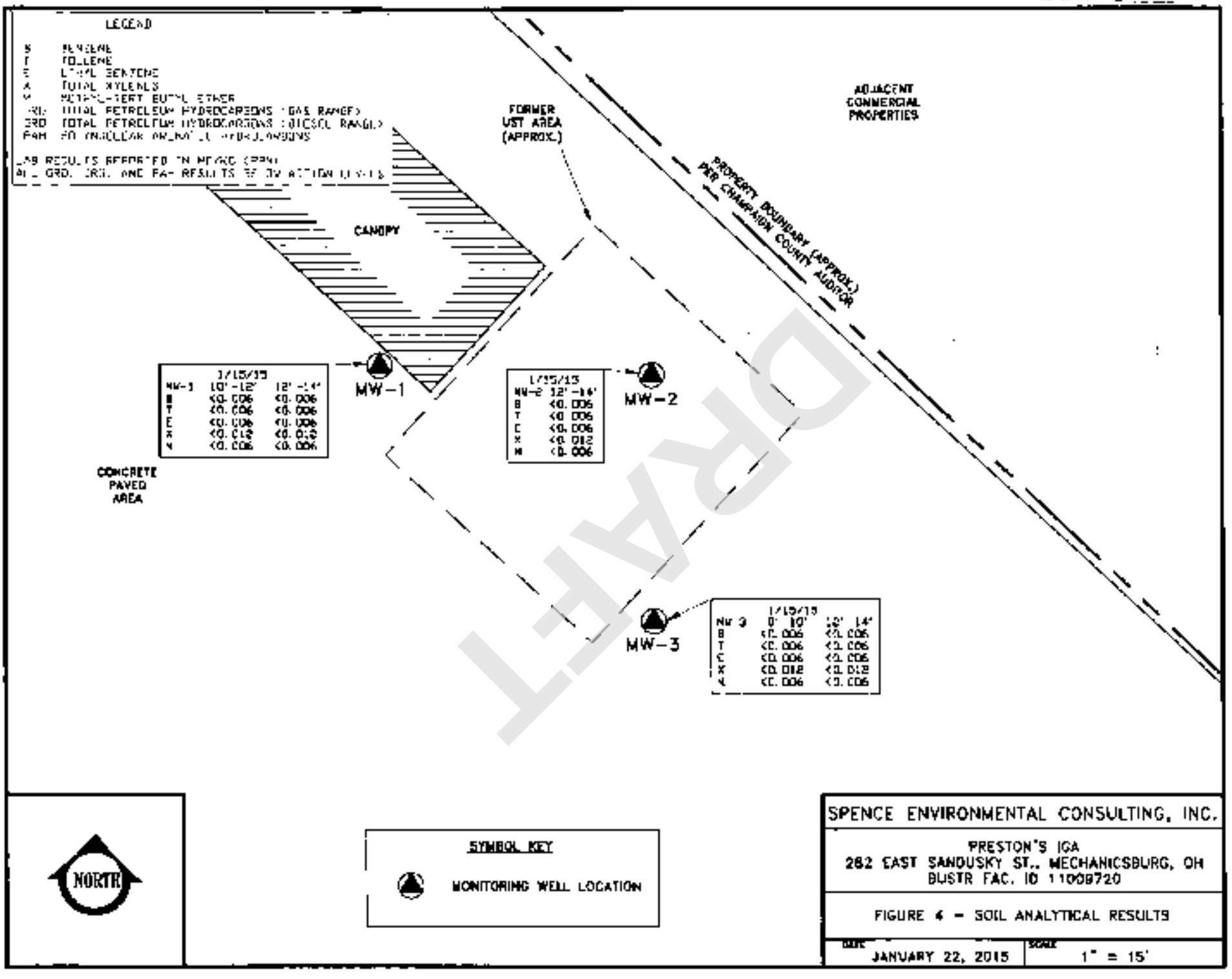
PRESTON'S IGA
262 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 2 – SITE MAP

DATE: JANUARY 22, 2015

SCALE: 1" = 100'


FORMER
UST AREA
(APPROX.)
ADJACENT
COMMERCIAL
PROPERTIES
PROPERTY BOUNDARY (APPROX.)
PER CHAMPAIGN COUNTY AUDITOR
CANOPY
MW-1
MW-2
MW-3
CONCRETE
PAVED
AREA
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID #11009720
FIGURE 3 - SITE PLAN
DATE
JANUARY 22, 2015
SCALE
1" = 15'



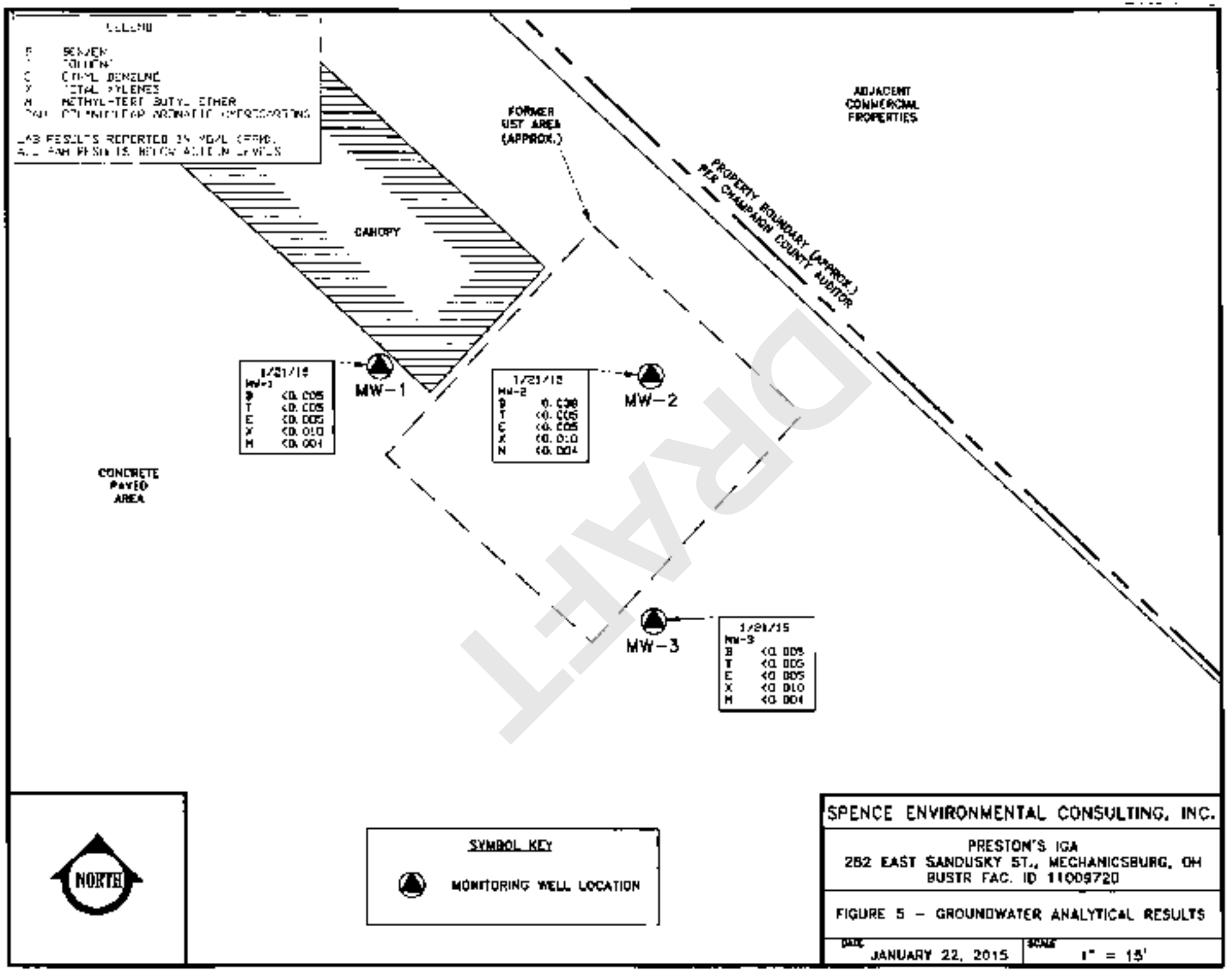
SPENCE ENVIRONMENTAL CONSULTING, INC.

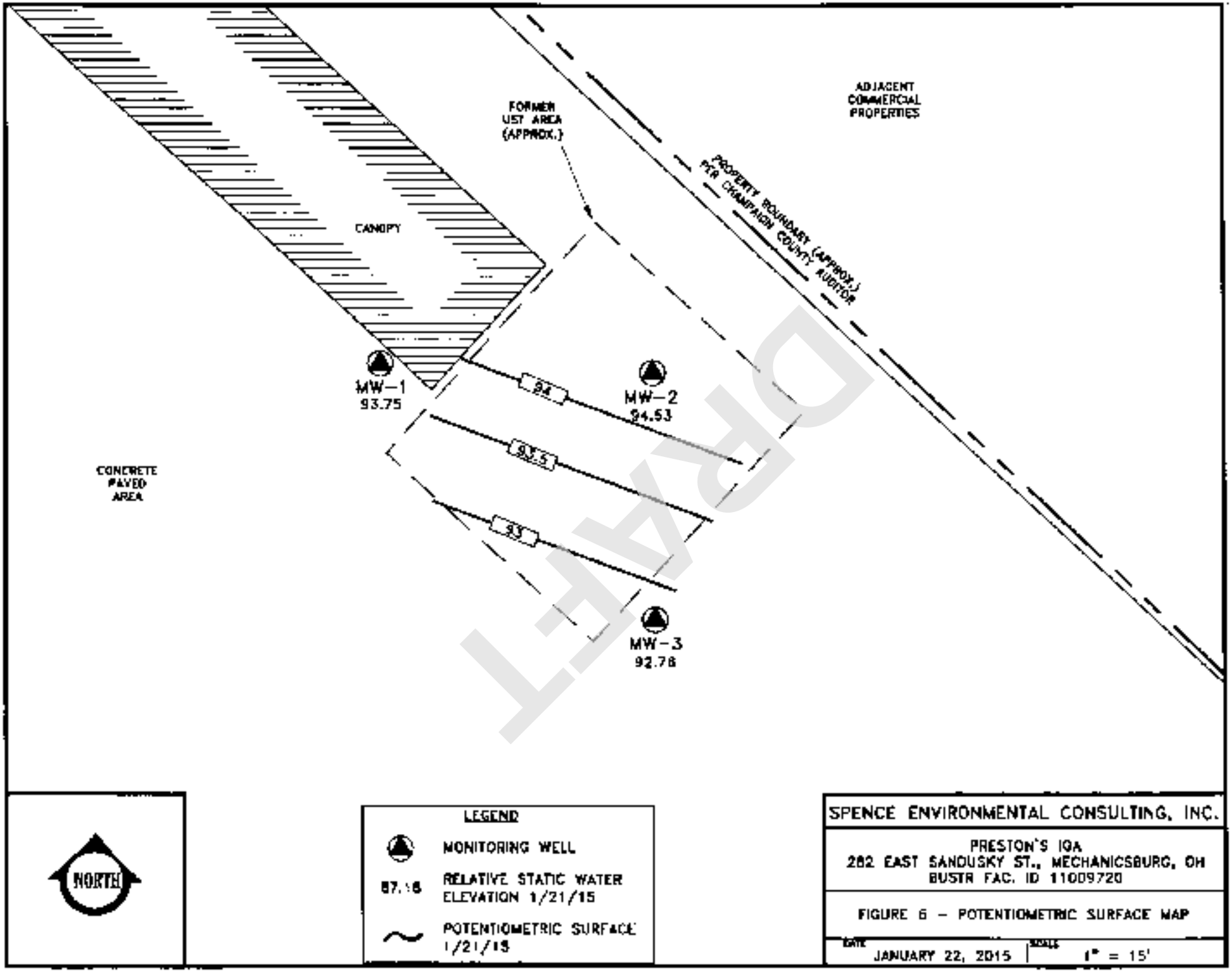
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11008720

FIGURE 4 – SOIL ANALYTICAL RESULTS

DATE: JANUARY 22, 2015

SCALE: 1" = 15'


LEGEND
B BENZENE
T TOLUENE
E ETHYL BENZENE
X TOTAL XYLENES
M METHYL-TERT BUTYL ETHER
PAH POLYNUCLEAR AROMATIC HYDROCARBONS
LAB RESULTS REPORTED IN MG/L (PPM).
ALL PAH RESULTS BELOW ACTION LEVELS
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
CANOPY
CONCRETE PAVED AREA
1/21/15
MW-1
B <0.005
T <0.005
E <0.005
X <0.010
M <0.001
MW-1
1/21/15
MW-2
B <0.005
T <0.005
E <0.005
X <0.010
M <0.001
MW-2
1/21/15
MW-3
B <0.005
T <0.005
E <0.005
X <0.010
M <0.001
MW-3
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 5 – GROUNDWATER ANALYTICAL RESULTS
DATE JANUARY 22, 2015
SCALE 1" = 15'


ADJACENT
COMMERCIAL
PROPERTIES
FORMER
UST AREA
(APPROX.)
PROPERTY BOUNDARY (APPROX.)
PER CHAMPAIGN COUNTY AUDITOR
CANOPY
MW-1
93.75
MW-2
94.53
MW-3
92.78
94
93.5
93
CONCRETE
PAVED
AREA
DRAFT
NORTH
LEGEND
MONITORING WELL
87.18 RELATIVE STATIC WATER ELEVATION 1/21/15
POTENTIOMETRIC SURFACE 1/21/15
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 6 – POTENTIOMETRIC SURFACE MAP
DATE
JANUARY 22, 2015
SCALE
1" = 15'

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Appendix C

Monitoring Well Drilling and Construction Logs

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SEC, Inc.

SPENCE Environmental Consulting, llc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-1

Client: Park National Bank	Depth of Boring: ~20 Ft.	Well: 19.02 Ft.	
Location: 282 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground: 99.89 ft	Top of Casing: 99.70 Ft.	
County: Champaign Twp: Section:	Materials-Riser: PVC	Screen/Slot: PVC/0.01-inch	
Date Drilled: 1/15/2015 By: T. Thrush	Well Diameter: 2-inch	Cover/Cap: Stick-/Pressure	
Drilling Method: Geoprobe 5600 DT	Water Elevation/Date ▽: 14 ft	85.89 Ft. (msl) 1/15/2015	
Drilling Company: EnviroCore LLC	Water Elevation/Date ▼: 5.53 ft.	93.75 ft. (msl) 1/21/2015	

Box Counts	Recovery (inches)	Field Screening	Sample Interval	Depth (feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
	32	0.2			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	Ground Surface
		0.2						
		0.7		5			Bentonite Grout	5
	36	0.3						
		0.5		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14 ft.		10
	36	1.2*						
		1.04					No. 7 Sand	
	30	0.7		15			▽ 85.89 ft	15
		0.3						
	28	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
				20		Bottom of Boring ~20 ft.		20
				25				25
				30				30

* Indicates sample submitted for lab analysis

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SPENCE Environmental Consulting, llc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-2

Client:	Park National Bank	Depth of Boring:	~20 Ft.
Location:	282 East Sandusky Street, Mechanicsburg, OH	Elevations-Ground:	99.00 Ft.
County:	Champaign Twp	Section:	Materials-Riser: PVC
Date Drilled:	1/15/2015 By: T Thrush	Well Diameter:	1-inch
Drilling Method:	Geoprobe 6600 DT	Water Elevation/Date: ▽	14 Ft. 85.00 Ft. (rel.) 1/15/2015
Drilling Company:	EnviroCore LLC	Water Elevation/Date: ▼	4.32 Ft. 94.53 Ft. (rel.) 1/21/2015

Sample Number	Recovery (inches)	Field Screening	Sample Interval	Depth (feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 99.00
	28	0.0					Concrete	
		0.0					Bentonite Grout	
		0.0		5	FILL	Brown Sand and Gravel (FILL), moist - loose		5
	30	0.0						
		0.0		10				10
	34	0.0			CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff	No. 2 Sand	
		0.0				Saturated at 14 ft.	▽ 85.00'	
	38	0.0		15				15
		0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
	36	0.0		20		Bottom of Boring @20 ft.		20
				25				25
				30				30

■ Indicates sample submitted for lab analysis.

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SPENCE Environmental Consulting, Inc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-3

Client:	Park National Bank	Depth of Boring:	~20 Ft.
Location:	382 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground:	97.42 ft.
County:	Champaign	Top of Casing:	97.26 Ft.
Date Drilled:	1/15/2015	By: T. Thrush	
Drilling Method:	Geoprobe 6600 DT		
Drilling Company:	EnviroCore LLC		

Depth of Boring:	~20 Ft.	Well:	1887 #1
Elevation-Ground:	97.42 ft.	Top of Casing:	97.26 Ft.
Material-Riser:	PVC	Screen/Slot:	PVC/.001-inch
Well Diameter:	1-inch	Cover/Cap:	Steel/Pressure
Water Elevation/Date: ▽	14.5 ft.	82.92 Ft. (rel.)	1/15/2015
Water Elevation/Date: ▽	4.50 ft.	92.76 Ft. (rel.)	1/21/2015

Run Counts	Recovery (Inches)	Field Screening	Sample Interval	Depth (Feet)	USCS Symbol	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 97.42'
	32	0.0			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	TOC 97.26'
		0.0					Bentonite Grout	
		0.0		5				
	32	0.0						
		0.0						
	36	0.0		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14.5 ft.		TOS 84.39' 10
		0.0						
		0.0					No. 2 Sand	
	40	0.2		15			▽ 14.50'	15
		0.1						
	38	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		BOS 78.39'
				20		Bottom of Boring -20 ft.		20
				25				25
				30				30

* Indicates sample submitted for lab analysis.

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Appendix D

Soil Classification Form

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Department of Commerce

SOIL CLASSIFICATION FORM 2012

REPORT DATE: January 27, 2015 FACILITY ID#: 110019720

Major Divisions			Letter Symbol	Typical Description	Soil Class
Coarse Grained Soils More than 50% of material is retained on #200 Sieve	Gravel and Gravelly Soils More than 50% of Coarse Fraction Retained on No. 4 Sieve	Clean Gravels (Little or No Fines)	GW	Well Graded Gravels, Gravel-Sand Mixtures, Little or No Fines	Class 1
			GP	Poorly-Graded Gravels, Gravel-Sand Mixtures, Little or No Fines	
		Gravels with Fines (Appreciable Amount of Fines)	GM	Silty Gravels, Gravel-Sand-Silt Mixtures	
			GC	Clayey Gravels, Gravel-Sand-Clay Mixtures	
	Sand and Sandy Soils More than 50% of Coarse Fraction Passes thru No. 4 Sieve	Clean Sand (Little or No Fines)	SW	Well-Graded Sands, Gravelly Sands, Little or No Fines	
			SP	Poorly-Graded Sands, Gravelly Sands, Little or No Fines	
		Sands with Fines (Appreciable Amount of Fines)	SM	Silty-Sands, Sand-Silt Mixtures	
			SC	Clayey Sands, Sand-Clay Mixtures	Class 2
Fine Grained Soils More than 50% of material passes thru #200 Sieve	Silts and Clays Liquid Limit<50		ML	Inorganic Silt and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sand or Clayey Silts with Slight Plasticity	
			CL	Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	
			OL	Organic Silts and Organic Silty Clays of Low Plasticity	
	Silts and Clays Liquid Limit >50		MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Soil	
			CH	Inorganic Clays of High Plasticity, Fat Clays	Class 3
			OH	Organic Clays of Medium to High Plasticity, Organic Silts	
Highly Organic Soils			PT	Peat, Humus, Swamp Soil with High Organic Contents	

PATHWAY:	Soil to Indoor Air	GW to Indoor Air	Soil to DW Leaching	Soil to Non-DW Leaching
SYMBOL:	CL	CL	CL	CL

SITE ADDRESS: 282 East Sandusky Street, Mechanicsburg, Ohio 43044

I certify that I have inspected the soils at the above location and am qualified to make the determinations presented.

SIGNATURE:

PRINT NAME: Ian Thrush DATE: 1/27/2015

TITLE/COMPANY: Environmental Technician, Spencer Environmental Consulting, Inc

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Appendix E

Groundwater Sampling Form

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GROUNDWATER MONITORING FIELD OBSERVATIONS

	MONITORING OBSERVATIONS							PURGING OBSERVATIONS							SAMPLING OBSERVATIONS			
WELL ID	DATE/ TIME	WELL DIA (IN)	PRODUCT DEPTH (FT)	SWL ACTUAL (FT)	PH OF	TOTAL DEPTH (FT)	WATER COLUMN LENGTH (FT)	REQUIRED PURGE (3-5 VOL)	AMOUNT PURGED (GAL)	RECHARGE RATE (DRY, SLOW, RAPID)	COLOR	TURB (CLEAR, LO, MED, HI)	ODOR	OTHER (TEMP/COND)	TIME	CONTAINERS	# OF FILTERS	VOLUME FILTERED (ml)
1	01/21/15	2	NA	5.35	NA	18.02	13.07	1.57	2.00	Slow	Clear	Clear	None	NA	10:45	2 VOA	NA	NA
	01/29/15			5.23														
2	01/21/15	2	NA	4.37	NA	18.15	13.83	1.66	2.00	Rapid	Lt Brn	Lov	None	NA	11:02	2 VOA	NA	NA
	01/29/15			4.71			13.41	1.61	5.00		Clear	Clear			11:52			
3	01/21/15	2	NA	4.50	NA	18.87	14.37	1.72	2.50	Rapid	Clear	Clear	None	AA	11:38	2 VOA	NA	NA
	01/29/15			4.75														

WEATHER CONDITIONS

Temperature 35 F / 20 F

Last Rainfall Date & Amount _____

EQUIPMENT & SUPPLIES USED

12 v pump	Solinst
HACH Probe	Geotech Probe
0.75" Disp Bailers	1.25" Disp Bailers
Polyvinyl Tubing	Teflon Tubing
Peristaltic Pump	

DIA (IN)	GAL PER FT	DIA. IN:	GAL PER FT
1	0.04	3	0.37
1.25	0.06	4	0.65
1.5	0.09	6	1.47
2	0.16	8	2.61

TWEE
0
WELL
VOLUMES

LABORATORIES: Belmont Labs Chosen: JPS Testing _____

Cooler _____ Testing _____

DISPOSAL - STORAGE

Drums _____ Other _____

FIELD STAFF: TJT _____

PREPARED BY: TJT DATE: 1/29/2015

CLIENT: Park National Bank

PR: Park-06(14) PGS: 1 of 1

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Appendix F

Analytical Testing Reports, Chain-of-Custody Forms & BUSTR QA/QC Form

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SEC, Inc.

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

January 23, 2015

Jeff Bood
Spence Environmental
70 West Columbus St.
Pickerington, OH 43147

RE: Project: Park-06 (14)
Pace Project No.: 50110844

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Park-OE (*4)
Pace Project No.: 50510844

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky UST Certification #: 0042
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-49006
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Park-06 (14)
Pace Project No: 50110944

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50110944001	MW-1 (10-12')	Solid	01/15/15 10:42	01/15/15 10:27
50110944002	MW-1 (12-14')	Solid	01/15/15 10:49	01/15/15 10:27
50110944003	MW-2 (12-14')	Solid	01/15/15 11:53	01/15/15 10:27
50110944004	MW-3 (8-10')	Solid	01/15/15 13:01	01/15/15 10:27
50110944005	MW-3 (12-14')	Solid	01/15/15 13:10	01/15/15 10:27

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(317)228-3100

SAMPLE ANALYTE COUNT

Project: Plant 06 (*4)
Pace Project No.: 50110844

Lab ID	Sample ID	Method	Analyst	Analytes Reported
50110844001	MW-1 (10-12')	EPA 8015 Mod. Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1
50110844002	MW-1 (12-14')	EPA 8015 Mod Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1
50110844003	MW-2 (12-14')	EPA 8015 Mod Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1
50110844004	MW-3 (8-10')	EPA 8015 Mod Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1
50110844005	MW-3 (12-14')	EPA 8015 Mod Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	CEM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1

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ANALYTICAL RESULTS

Project: Park-OH (14)
Pace Project No: 50110644

Sample: MW-1 (10-12) Lab ID: 50110644001 Collected: 01/15/15 10:42 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	23.0	1	01/19/15 09:35	01/19/15 16:40		
TPH (C10-C20)	ND	mg/kg	11.5	1	01/19/15 09:35	01/19/15 16:40		
Surrogates								
n-Pentacosane (S)	68	%	30-153	1	01/19/15 09:35	01/19/15 16:40	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	8.2	1		01/21/15 16:42		
Surrogates								
4-Bromofluorobenzene (S)	93	%	38-163	1		01/21/15 16:42	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	207-08-9	
Chrysene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	193-39-5	
Naphthalene	ND	ug/kg	5.7	1	01/20/15 08:45	01/22/15 23:54	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	85	%	38-110	1	01/20/15 08:45	01/22/15 23:54	321-60-8	
p-Terphenyl-d14 (S)	77	%	37-111	1	01/20/15 08:45	01/22/15 23:54	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.6	1		01/21/15 20:40	71-43-2	
Ethylbenzene	ND	ug/kg	5.6	1		01/21/15 20:40	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		01/21/15 20:40	1634-04-4	
Toluene	ND	ug/kg	5.6	1		01/21/15 20:40	108-88-3	
Xylene (Total)	ND	ug/kg	11.5	1		01/21/15 20:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	80-116	1		01/21/15 20:40	1868-53-7	
Toluene-d8 (S)	102	%	71-126	1		01/21/15 20:40	2037-26-5	
4-Bromofluorobenzene (S)	80	%	58-144	1		01/21/15 20:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	13.1	%	0.10	1		01/22/15 12:46		

Sample: MW-1 (12-14) Lab ID: 50110644002 Collected: 01/15/15 10:49 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.7	1	01/19/15 09:35	01/19/15 16:48		
TPH (C10-C20)	ND	mg/kg	11.3	1	01/19/15 09:35	01/19/15 16:48		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Park 00 [14]
Pace Project No.: 50110944

Sample: MW-1 (12-14') Lab ID: **50110944002** Collected: 01/15/15 10:40 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Surrogates								
n-Pentacosane (S)	65	%.	30-153	1	01/19/15 09:35	01/19/15 16:48	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Fue							
TPH (C06-C12)	ND	mg/kg	1.1	1		01/21/15 17:05		
Surrogates								
4-Bromofluorobenzene (S)	93	%.	39-160	1		01/21/15 17:05	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by S M Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	207-08-9	
Chrysene	5.9	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	193-39-5	
Naphthalene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:12	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	38-110	1	01/20/15 08:45	01/23/15 00:12	321-60-8	
p-Terphenyl-d14 (S)	71	%	32-111	1	01/20/15 08:45	01/23/15 00:12	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		01/21/15 21:05	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		01/21/15 21:05	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		01/21/15 21:05	1634-04-4	
Toluene	ND	ug/kg	5.7	1		01/21/15 21:05	108-88-3	
Xylene (Total)	ND	ug/kg	11.4	1		01/21/15 21:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	85-118	1		01/21/15 21:05	1868-53-7	
Toluene-d8 (S)	98	%	71-128	1		01/21/15 21:05	2037-26-5	
4-Bromofluorobenzene (S)	92	%	66-144	1		01/21/15 21:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	12.5	%	0.10	1		01/22/15 12:47		

Sample: MW-2 (12-14') Lab ID: **50110944003** Collected: 01/15/15 11:53 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.4	1	01/19/15 09:35	01/19/15 16:55		
TPH (C10-C20)	ND	mg/kg	11.2	1	01/19/15 09:35	01/19/15 16:55		
Surrogates								
n-Pentacosane (S)	64	%	30-153	1	01/19/15 09:35	01/19/15 16:55	629-99-2	

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ANALYTICAL RESULTS

Project: Park-OG (14)
Pace Project No.: 50110944

Sample: MW-2 (12-14') Lab ID: 50110844003 Collected: 01/15/15 11:53 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Ext							
TPH (C06-C12)	ND	mg/kg	1.1	1		01/21/15 17:28		
Surrogates								
4-Bromofluorobenzene (S)	65	%.	38-163	1		01/21/15 17:28	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by S.M Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	207-08-9	
Chrysene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	193-39-5	
Naphthalene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 00:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	73	%.	38-110	1	01/20/15 08:45	01/23/15 00:30	321-60-8	
p-Terphenyl-d14 (S)	77	%.	32-117	1	01/20/15 08:45	01/23/15 00:30	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		01/21/15 22:20	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		01/21/15 22:20	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		01/21/15 22:20	1634-04-4	
Toluene	ND	ug/kg	5.7	1		01/21/15 22:20	108-88-3	
Xylene (Total)	ND	ug/kg	11.4	1		01/21/15 22:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	111	%.	85-118	1		01/21/15 22:20	1868-53-7	
Toluene-d8 (S)	127	%.	71-128	1		01/21/15 22:20	2037-26-5	
4-Bromofluorobenzene (S)	69	%	56-144	1		01/21/15 22:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	12.1	%	0.10	1		01/22/15 12:47		

Sample: MW-3 (8-10') Lab ID: 50110844004 Collected: 01/15/15 13:01 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.4	1	01/19/15 09:35	01/19/15 17:02		
TPH (C10-C20)	ND	mg/kg	11.2	1	01/19/15 09:35	01/19/15 17:02		
Surrogates								
o-Terphenyl (S)	67	%	30-133	1	01/19/15 09:35	01/19/15 17:02	638-66-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Ext							
TPH (C06-C12)	ND	mg/kg	1.1	1		01/21/15 17:51		

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(317)328-5108

ANALYTICAL RESULTS

Project: Pace-OH (14)
Pace Project No: 50110844

Sample: MW-3 (8-10) Lab ID: 50110844004 Collected: 01/15/15 13:31 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Surrogates								
4-Bromofluorobenzene (S)	54	%.	38-163	1		01/21/15 17:51	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	207-08-9	
Chrysene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	01/20/15 08:45	01/23/15 00:48	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	88	%	38-110	1	01/20/15 08:45	01/23/15 00:48	321-60-8	
p-Terphenyl-d14 (S)	72	%.	32-111	1	01/20/15 08:45	01/23/15 00:48	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.6	1		01/21/15 21:30	71-43-2	
Ethylbenzene	ND	ug/kg	5.6	1		01/21/15 21:30	100-41-4	
Methyl-tert butyl ether	ND	ug/kg	5.6	1		01/21/15 21:30	1634-04-4	
Toluene	ND	ug/kg	5.6	1		01/21/15 21:30	108-88-3	
Xylene (Total)	ND	ug/kg	11.2	1		01/21/15 21:30	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105	%	85-118	1		01/21/15 21:30	1868-53-7	
Toluene-d8 (S)	109	%	77-128	1		01/21/15 21:30	2037-26-5	
4-Bromofluorobenzene (S)	80	%	56-144	1		01/21/15 21:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	11.1	%	0.10	1		01/22/15 12:47		

Sample: MW-3 (12-14) Lab ID: 50110844005 Collected: 01/15/15 13:10 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Pur Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	25.1	mg/kg	22.8	1	01/19/15 09:35	01/19/15 17:09		
TPH (C10-C20)	25.1	mg/kg	11.4	1	01/19/15 09:35	01/19/15 17:09		
Surrogates								
n-Pentacosane (S)	89	%	30-153	1	01/19/15 09:35	01/19/15 17:09	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C06-C12)	ND	mg/kg	1.1	1		01/21/15 18:36		
Surrogates								
4-Bromofluorobenzene (S)	50	%	38-163	1		01/21/15 18:36	460-00-4	

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ANALYTICAL RESULTS

Project: Park 06 [14]
Pace Project No.: 50110944

Sample: MW-3 [12-14'] Lab ID: **50110944005** Collected: 01/15/15 12:10 Received: 01/16/15 10:27 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	207-08-9	
Chrysene	8.9	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:42	193-39-5	
Naphthalene	26.2	ug/kg	5.7	1	01/20/15 08:45	01/23/15 01:47	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65	%	38-110	1	01/20/15 08:45	01/23/15 01:42	321-60-8	
p-Terphenyl-d14 (S)	61	%	32-111	1	01/20/15 08:45	01/23/15 01:42	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		01/21/15 21:55	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		01/21/15 21:55	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		01/21/15 21:55	1634-04-4	
Toluene	ND	ug/kg	5.7	1		01/21/15 21:55	108-88-3	
Xylene (Total)	ND	ug/kg	11.5	1		01/21/15 21:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	107	%	85-118	1		01/21/15 21:55	1868-53-7	
Toluene-d8 (S)	118	%	71-120	1		01/21/15 21:55	2037-26-5	
4-Bromofluorobenzene (S)	76	%	56-144	1		01/21/15 21:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-97							
Percent Moisture	12.9	%	0.10	1		01/22/15 12:47		

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(317)875-5100

QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50110844

QC Batch: GCV/16879 — Analysis Method: EPA 8015 Mod Pur
QC Batch Method: EPA 8015 Mod Pur — Analysis Description: 8015 Solid GCV
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

METHOD BLANK: 1225813 — Matrix: Solid
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C05-C12)	mg/kg	ND	1.0	01/21/15 10:04	
4-Bromofluorobenzene (S)	%	93	38-163	01/21/15 10:04	

LABORATORY CONTROL SAMPLE: 1225811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C05-C12)	mg/kg	10	8.8	88	75-139	
4-Bromofluorobenzene (S)	%			107	38-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1225812 — 1225813

Parameter	Units	50111110C5 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH (C05-C12)	mg/kg	ND	11	11	11.1	10.9	101	95	10-151	2	20	
4-Bromofluorobenzene (S)	%						106	98	38-163			

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(317)228-3100

QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50110844

QC Batch: MSV/72950 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST Low Level
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

METHOD BLANK: 1225982 Matrix: Solid
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	01/21/15 12:40	
Ethylbenzene	ug/kg	ND	5.0	01/21/15 12:40	
Methyl-tert-butyl ether	ug/kg	ND	5.0	01/21/15 12:40	
Toluene	ug/kg	ND	5.0	01/21/15 12:40	
Xylene (Total)	ug/kg	ND	10.0	01/21/15 12:40	
4-Bromofluorobenzene (S)	%	98	56-144	01/21/15 12:40	
Dibromofluoromethane (S)	%	105	85-118	01/21/15 12:40	
Toluene-d8 (S)	%	94	71-128	01/21/15 12:40	

LABORATORY CONTROL SAMPLE: 1225983

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	48.8	98	74-110	
Ethylbenzene	ug/kg	50	50.0	100	77-123	
Methyl-tert-butyl ether	ug/kg	100	114	114	68-120	
Toluene	ug/kg	50	47.4	95	71-121	
Xylene (Total)	ug/kg	150	152	102	66-124	
4-Bromofluorobenzene (S)	%			103	56-144	
Dibromofluoromethane (S)	%			105	85-118	
Toluene-d8 (S)	%			98	71-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1225984 1225985

Parameter	Units	50110844003 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	56.9	56.9	32.1	47.0	56	83	27-140	38	23	R1
Ethylbenzene	ug/kg	ND	56.9	56.9	24.6	53.4	43	94	13-141	74	23	
Methyl-tert-butyl ether	ug/kg	ND	114	114	102	135	90	119	30-147	28	23	
Toluene	ug/kg	ND	56.9	56.9	27.1	60.0	46	105	13-140	75	23	
Xylene (Total)	ug/kg	ND	171	171	71.6	161	42	94	13-142	77	23	
4-Bromofluorobenzene (S)	%						89	75	56-144			
Dibromofluoromethane (S)	%						124	115	85-118			
Toluene-d8 (S)	%						101	108	71-128			

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(317)875-5101

QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50110844

QC Batch: OEXT/38069 Analysis Method: EPA 8015 Mod Ext
QC Batch Method: EPA 3546 Analysis Description: EPA 8015 TPH Ohio
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

METHOD BLANK: 1224275 Matrix: Solid
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	ND	20.0	01/19/15 15:49	
TPH (C10-C20)	mg/kg	ND	10.0	01/19/15 15:49	
n-Pentacosane (S)	%	95	30-153	01/19/15 15:49	

LABORATORY CONTROL SAMPLE: 1224276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	80.0	59.5	71	43-88	
n-Pentacosane (S)	%			87	30-153	

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QUALITY CONTROL DATA

Project: Park-OE (14)
Pace Project No.: 50110844

QC Batch: OEXT/38086 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

METHOD BLANK: 1224931 — Matrix: Solid
Associated Lab Samples: 50110844001, 50110844002, 50110844003, 50110844004, 50110844005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	01/22/15 23:18	
Benzo(a)pyrene	ug/kg	ND	5.0	01/22/15 23:18	
Benzo(b)fluoranthene	ug/kg	ND	5.0	01/22/15 23:18	
Benzo(k)fluoranthene	ug/kg	ND	5.0	01/22/15 23:18	
Chrysene	ug/kg	ND	5.0	01/22/15 23:18	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	01/22/15 23:18	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	01/22/15 23:18	
Naphthalene	ug/kg	ND	5.0	01/22/15 23:18	
2-Fluorobiphenyl (S)	%	66	38-110	01/22/15 23:18	
p-Terphenyl-d14 (S)	%	86	32-111	01/22/15 23:18	

LABORATORY CONTROL SAMPLE: 1224932

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	305	91	43-124	
Benzo(a)pyrene	ug/kg	333	306	92	44-124	
Benzo(b)fluoranthene	ug/kg	333	321	96	44-123	
Benzo(k)fluoranthene	ug/kg	333	265	80	42-122	
Chrysene	ug/kg	333	266	80	44-124	
Dibenz(a,h)anthracene	ug/kg	333	303	91	44-119	
Indeno(1,2,3-cd)pyrene	ug/kg	333	299	90	44-119	
Naphthalene	ug/kg	333	219	66	42-103	
2-Fluorobiphenyl (S)	%			72	38-110	
p-Terphenyl-d14 (S)	%			91	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224933 — 1224934

Parameter	Units	50110801001 Result	MS Spike Conc.	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	254	332	331	367	606	34	167	20-124	75	20	M0,R1
Benzo(a)pyrene	ug/kg	262	332	331	355	704	28	151	20-120	73	20	M0,R1
Benzo(b)fluoranthene	ug/kg	436	332	331	549	1270	34	250	24-117	79	20	M0,R1
Benzo(k)fluoranthene	ug/kg	220	332	331	362	626	12	153	14-123	78	20	M0,R1
Chrysene	ug/kg	479	332	331	554	1350	22	263	22-124	84	20	M0,R1
Dibenz(a,h)anthracene	ug/kg	ND	332	331	236	501	71	151	28-113	72	20	M0,R1
Indeno(1,2,3-cd)pyrene	ug/kg	216	332	331	303	857	28	133	15-121	74	20	M0,R1
Naphthalene	ug/kg	737	332	331	613	1460	-38	215	15-175	81	20	M0,M0, R1

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QUALITY CONTROL DATA

Project: Park 06 (14)
Pace Project No.: 50110944

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1224933 1224934

Parameter	Units	50110881001 Result	MS Spike Conc.	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Fluorobiphenyl (S)	%						41	79	38-110			
p-Terphenyl-d14 (S)	%						49	89	32-111			

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QUALITY CONTROL DATA

Project: Park-06114
Pace Project No.: 50110944

QC Batch: PMST/10275 — Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 — Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50110944001, 50110944002, 50110944003, 50110944004, 50110944005

SAMPLE DUP: 1226526

Parameter	Units	50110953001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.0	25.4	2	5	

SAMPLE DUPLICATE: 1226527

Parameter	Units	50111044007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.1	8.2	21	5	R1

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QUALIFIERS

Project: Park-DS ('14)
Pace Project No: 50130844

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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ANALYTE QUALIFIERS

1d	Due to the extract's physical characteristics, the analysis was performed at dilution. CEM 01/23/15
2d	Multiple compounds are outside acceptance limits due to sample matrix. Refer to LCS for system control and data acceptability. JLZ 01/22/15
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park-06 (14)
Pace Project No.: 50110844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50110844001	MW-1 (10-12')	EPA 3546	OEXT/38059	EPA 8015 Mod Ext	GCSV/14079
50110844002	MW-1 (12-14')	EPA 3546	OEXT/38059	EPA 8015 Mod Ext	GCSV/14079
50110844003	MW-2 (12-14')	EPA 3546	OEXT/38059	EPA 8015 Mod Ext	GCSV/14079
50110844004	MW-3 (8-10')	EPA 3546	OEXT/38059	EPA 8015 Mod Ext	GCSV/14079
50110844005	MW-3 (12-14')	EPA 3546	OEXT/38059	EPA 8015 Mod Ext	GCSV/14079
50110844001	MW-1 (10-12')	EPA 8015 Mod Pur	GCV/18879		
50110844002	MW-1 (12-14')	EPA 8015 Mod Pur	GCV/18879		
50110844003	MW-2 (12-14')	EPA 8015 Mod Pur	GCV/18879		
50110844004	MW-3 (8-10')	EPA 8015 Mod Pur	GCV/18879		
50110844005	MW-3 (12-14')	EPA 8015 Mod Pur	GCV/18879		
50110844001	MW-1 (10-12')	EPA 3546	OEXT/38086	EPA 8270 by SIM	MSSV/17058
50110844002	MW-1 (12-14')	EPA 3546	OEXT/38086	EPA 8270 by SIM	MSSV/17058
50110844003	MW-2 (12-14')	EPA 3546	OEXT/38086	EPA 8270 by SIM	MSSV/17058
50110844004	MW-3 (8-10')	EPA 3546	OEXT/38086	EPA 8270 by SIM	MSSV/17058
50110844005	MW-3 (12-14')	EPA 3546	OEXT/38086	EPA 8270 by SIM	MSSV/17058
50110844001	MW-1 (10-12')	EPA 8260	MSV/72950		
50110844002	MW-1 (12-14')	EPA 8260	MSV/72950		
50110844003	MW-2 (12-14')	EPA 8260	MSV/72950		
50110844004	MW-3 (8-10')	EPA 8260	MSV/72950		
50110844005	MW-3 (12-14')	EPA 8260	MSV/72950		
50110844001	MW-1 (10-12')	ASTM D2974-87	PMST/10278		
50110844002	MW-1 (12-14')	ASTM D2974-87	PMST/10278		
50110844003	MW-2 (12-14')	ASTM D2974-87	PMST/10278		
50110844004	MW-3 (8-10')	ASTM D2974-87	PMST/10278		
50110844005	MW-3 (12-14')	ASTM D2974-87	PMST/10278		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1 — Page 15 of 20

1705763

Section A — Required Client Information:

Company:	Spectra Environmental
Address:	70 W Columbus St.
	Pickerington, OH 43147
Email To:	Jeff@SpectraEnv.com
Phone:	614-837-4754
Fax:	614-837-4755
Requested Due Date/TAT:	Standard

Section B — Required Project Information:

Report To:	Jeff Beal
Copy To:	
Purchase Order No.:	
Project Name:	Park-06 (14)
Project Number:	Park-06 (14)

Section C — Invoice Information:

Attention:	Jeff Beal
Company Name:	Spectra Environmental
Address:	70 W. Columbus St.
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES ☐ GROUND WATER ☐ DRINKING WATER

UST ☒ RCRA ☐ OTHER ____

Site Location — STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	BTEX/MTBE (8260)	PAH (8270)	TPH (GRO) (8015)	TPH (DRO) (8015)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1 (10-12')	SL	G	1-15-15	10:42	2								X		X	X	X	X		01
2	MW-1 (12-14')	SL	G		10:47	2								X		X	X	X	X		02
3	MW-2 (12-14')	SL	G		11:51	2								X		X	X	X	X		03
4	MW-3 (8-10')	SL	G		11:01	2								X		X	X	X	X		04
5	MW-3 (12-14')	SL	G		11:10	2								X		X	X	X	X		05
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Residual Chlorine (Y/N): N

Pace Project No./Lab I.D.: 50110844

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
In Lab 10:20		1-16-15			1/16/15	9:20

SAMPLE CONDITIONS: 3 | Y | N | Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thrush

SIGNATURE of SAMPLER: Tom Thrush

DATE Signed (MM/DD/YY): 1-15-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

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Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Spence

Project # 5110844

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer Used: 1 2 3 4 6 A B C D E

Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 5.4

Ice Visible in Sample Containers: ☐ yes ☐ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: AK 11/11/15

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No ☐N/A	4
Short Hold Time Analysis (<72hr):	☐Yes	☑No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes	☑No ☐N/A	6
Containers Intact:	☑Yes	☐No ☐N/A	7
Sample Labels match COC. -Includes date/time/ID/Analysis	☑Yes	☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? All containers needing preservation are found to be in compliance with EPA recommendation (<2 >9 >12) unless otherwise noted.	☐Yes	☐No ☐N/A	9 (Circle) HNO3 H2SO4 NaOH HCl
Headspace in VOA Vials (>6mm):	☐Yes	☐No ☑N/A	10
Trip Blank Present:	☐Yes	☐No ☑N/A	11
Trip Blank Custody Seals Present	☐Yes	☐No ☑N/A	
Project Manager Review			
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	12
Sufficient Volume:	☑Yes	☐No ☐N/A	13.
Correct Containers Used:	☑Yes	☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 11/16/15

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Sample Container Count

CLIENT: Spence

COC PAGE 1 of 1

COC ID# 105763

Project # Soil0844

Pace Analytical

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 476	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH >12	Comments
1			2					1											01
2			2																02
3			2																03
4			2																04
5			2																05
6																			
7																			
8																			
9																			
10																			
11																			
12																			

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Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Colliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1U	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	V5G	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: January 23, 2015 FACILITY ID#: _____

5011084

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	Ice		
List the cooler temperature upon receipt:	3.9 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☒	No ☐	NA ☐
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☐	No ☒
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☒	No ☐
Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs: 1225984, 1225985, 1224933, 1224934	Yes ☒	No ☐
Were there any data qualifiers noted by the lab? If so, list sample IDs: 225984, 1225985, 1224933, 1224934	Yes ☒	No ☐

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company?	Yes ☐	No ☒		
Check lab certification that applies	☐ Ohio EPA DDGW	☒ Ohio EPA VAP	☒ NELAP	☐ A2LA
	☐ Other (list):			

COMPLETED BY

Print Name of Lab Representative and Title.	Signature	Date
Joyce Sarapata, Project Manager, Pace Analytical	Joyce Sarapata	1/23/15

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January 23, 2015

Jeff Bood
Spence Environmental
70 West Columbus St
Pickerington, OH 43147

RE: Project: Park-06 (14)
Pace Project No.: 50111156

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on January 21, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Pace-05 (14)
Pace Project No: 50111156

Indiana Certification IDs
7726 Moller Road, Indianapolis IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky UST Certification #: 0042
Louisiana/NELAP Certification #: 04070
Ohio VAP Certification #: CL-3065
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Park-08 (14)
Pace Project No.: 50111156

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50111156001	MW-1	Water	01/21/15 10:43	01/21/15 12:40
50111156002	MW-2	Water	01/21/15 11:02	01/21/15 12:40
50111156003	MW-3	Water	01/21/15 11:19	01/21/15 12:40

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SAMPLE ANALYTE COUNT

Project: Park-05 (14)
Pace Project No.: 50111156

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50111156001	MW-1	EPA 8270 by SIM LVI	CEM	10
		EPA 8260	BJG	8
50111156002	MW-2	EPA 8270 by SIM LVI	CEM	10
		EPA 8260	BJG	8
50111156003	MW-3	EPA 8270 by SIM LVI	CEM	10
		EPA 8260	BJG	8

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(317)228-3100

ANALYTICAL RESULTS

Project: Park-08 (14)
Pace Project No.: 50111156

Sample: MW-1 Lab ID: 50111156001 Collected: 01/21/15 10:43 Received: 01/21/15 12:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/22/15 14:20	01/23/15 08:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 08:20	193-39-5	
Naphthalene	ND	ug/L	1.0	1	01/22/15 14:20	01/23/15 08:20	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	59	%.	21-114	1	01/22/15 14:20	01/23/15 08:20	321-60-8	
p-Terphenyl-d14 (S)	59	%.	25-131	1	01/22/15 14:20	01/23/15 08:20	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		01/22/15 15:04	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		01/22/15 15:04	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/22/15 15:04	1634-04-4	
Toluene	ND	ug/L	5.0	1		01/22/15 15:04	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		01/22/15 15:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	79-119	1		01/22/15 15:04	1868-53-7	
Toluene-d8 (S)	102	%	81-119	1		01/22/15 15:04	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	80-114	1		01/22/15 15:04	460-00-4	

Sample: MW-2 Lab ID: 50111156002 Collected: 01/21/15 11:02 Received: 01/21/15 12:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/22/15 14:20	01/23/15 09:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:38	193-39-5	
Naphthalene	ND	ug/L	1.0	1	01/22/15 14:20	01/23/15 09:38	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	67	%	21-114	1	01/22/15 14:20	01/23/15 09:38	321-60-8	
p-Terphenyl-d14 (S)	68	%	25-131	1	01/22/15 14:20	01/23/15 09:38	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	38.3	ug/L	5.0	1		01/22/15 15:37	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		01/22/15 15:37	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/22/15 15:37	1634-04-4	
Toluene	ND	ug/L	5.0	1		01/22/15 15:37	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		01/22/15 15:37	1330-20-7	

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REPORT OF LABORATORY ANALYSIS

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(317)226-2100

ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No.: 50111156

Sample: MW-2 Lab ID: 50111156002 Collected: 01/21/15 11:02 Received: 01/21/15 12:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	99	%	79-116	1		01/22/15 15:37	1868-53-7	
Toluene-d8 (S)	102	%	81-110	1		01/22/15 15:37	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-114	1		01/22/15 15:37	460-00-4	

Sample: MW-3 Lab ID: 50111156003 Collected: 01/21/15 11:19 Received: 01/21/15 12:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	207-08-9	
Chrysene	ND	ug/L	0.50	1	01/22/15 14:20	01/23/15 09:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	01/22/15 14:20	01/23/15 09:56	193-39-5	
Naphthalene	ND	ug/L	1.0	1	01/22/15 14:20	01/23/15 09:56	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	73	%	21-114	1	01/22/15 14:20	01/23/15 09:56	321-60-8	
p-Terphenyl-d14 (S)	93	%	25-137	1	01/22/15 14:20	01/23/15 09:56	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		01/22/15 16:10	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		01/22/15 16:10	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/22/15 16:10	1634-04-4	
Toluene	ND	ug/L	5.0	1		01/22/15 16:10	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		01/22/15 16:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	79-116	1		01/22/15 16:10	1868-53-7	
Toluene-d8 (S)	103	%	81-110	1		01/22/15 16:10	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-114	1		01/22/15 16:10	460-00-4	

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QUALITY CONTROL DATA

Project: Park-06 (14)
Pace Project No.: 50111156

QC Batch: MSV/72580 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50111156001, 50111156002, 50111156003

METHOD BLANK: 1226528 Matrix: Water
Associated Lab Samples: 50111156001, 50111156002, 50111156003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	01/22/15 12:20	
Ethylbenzene	ug/L	ND	5.0	01/22/15 12:20	
Methyl-tert-butyl ether	ug/L	ND	4.0	01/22/15 12:20	
Toluene	ug/L	ND	5.0	01/22/15 12:20	
Xylene (Total)	ug/L	ND	10.0	01/22/15 12:20	
4-Bromofluorobenzene (S)	%	98	80-114	01/22/15 12:20	
Dibromofluoromethane (S)	%	99	79-116	01/22/15 12:20	
Toluene-d8 (S)	%	103	81-110	01/22/15 12:20	

LABORATORY CONTROL SAMPLE: 1226529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.5	103	74-122	
Ethylbenzene	ug/L	50	52.1	104	68-130	
Methyl-tert-butyl ether	ug/L	100	103	103	69-122	
Toluene	ug/L	50	48.7	98	72-122	
Xylene (Total)	ug/L	150	159	106	70-134	
4-Bromofluorobenzene (S)	%			99	80-114	
Dibromofluoromethane (S)	%			101	79-116	
Toluene-d8 (S)	%			101	81-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the report.

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QUALITY CONTROL DATA

Project: Park-28 (14)
Pace Project No.: 50111156

QC Batch: OEXT/38139 Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50111156001, 50111156002, 50111156003

METHOD BLANK: 1226923 Matrix: Water
Associated Lab Samples: 50111156001, 50111156002, 50111156003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	01/23/15 08:46	
Benzo(a)pyrene	ug/L	ND	0.10	01/23/15 08:46	
Benzo(b)fluoranthene	ug/L	ND	0.10	01/23/15 08:46	
Benzo(k)fluoranthene	ug/L	ND	0.10	01/23/15 08:46	
Chrysene	ug/L	ND	0.50	01/23/15 08:46	
Dibenz(a,h)anthracene	ug/L	ND	0.10	01/23/15 08:46	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	01/23/15 08:46	
Naphthalene	ug/L	ND	1.0	01/23/15 08:46	
2-Fluorobiphenyl (S)	%	61	21-114	01/23/15 08:46	
p-Terphenyl-d14 (S)	%	85	25-131	01/23/15 08:46	

LABORATORY CONTROL SAMPLE: 1226924

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	8.9	89	51-134	
Benzo(a)pyrene	ug/L	10	9.4	94	48-141	
Benzo(b)fluoranthene	ug/L	10	8.8	88	49-139	
Benzo(k)fluoranthene	ug/L	10	8.9	89	48-140	
Chrysene	ug/L	10	8.5	85	53-135	
Dibenz(a,h)anthracene	ug/L	10	9.7	97	44-132	
Indeno(1,2,3-cd)pyrene	ug/L	10	9.5	95	45-132	
Naphthalene	ug/L	10	8.4	84	30-112	
2-Fluorobiphenyl (S)	%			55	21-114	
p-Terphenyl-d14 (S)	%			73	25-131	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46255
(317)289-1100

QUALIFIERS

Project: Park-85 [14]
Pace Project No.: 50311156

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate.

1,2-Diphenylhydrazine (8270) - Data may be biased high due to the analyte decomposing to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TN accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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7726 Moller Road
Indianapolis, IN 46268
(317)328-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Polk-05 (14)
Pace Project No.: 50111156

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50111156001	MW-1	EPA 3510	OEXT/38130	EPA 8270 by SIM LVI	MSSV/17077
50111156002	MW-2	EPA 3510	OEXT/38130	EPA 8270 by SIM LVI	MSSV/17077
50111156003	MW-3	EPA 3510	OEXT/38130	EPA 8270 by SIM LVI	MSSV/17077
50111156001	MW-1	EPA 8260	MSV/72980		
50111156002	MW-2	EPA 8260	MSV/72980		
50111156003	MW-3	EPA 8260	MSV/72980		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page 1 of 1

1705767

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company: Spence Environmental	Report To: Jeff Bond	Attention: Jeff Bond
Address: 70 W. Columbus St Pickerington, OH 43147	Copy To:	Company Name: Spence Environmental
Email To: Jeff@SpenceEnv.com	Purchase Order No.	Address: 70 W. Columbus St.
Phone: 614-837-4755 Fax: 614-837-4755	Project Name: Park-06 (14)	Pace Quote Reference:
Requested Due Date/TAT: Standard	Project Number: Park-06 (14)	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY: [ ] NPDES [ ] GROUND WATER [ ] DRINKING WATER [X] UST [ ] RCRA [ ] OTHER

Site Location STATE: OH

Page 1 of 1

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test: BTEX+MTBE (8260)	PAH (8270)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G	1-21-15	11:43	4				X				X	X	X		001
2	MW-2	WT	G	1-21-15	11:02	4				X				X	X	X		002
3	MW-3	WT	G	1-21-15	11:19	4				X				X	X	X		003
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] /SEC	1-21-15	12:40	[signature]	1-21-15	12:40	3.5 / X / Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thrush

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-21-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

DRAFT

Sample Condition Upon Receipt

Pace Analytical

Client Name: Spence

Project # 50111136

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: 1 2 3 4 5 A B C D E Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun.

Cooler Temperature (Corrected, if applicable): 1.5 Ice Visible in Sample Containers: ☐ yes ☑ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/5

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No ☐N/A	4
Short Hold Time Analysis (<72hr):	☐Yes	☑No ☐N/A	5.
Rush Turn Around Time Requested:	☑Yes	☐No ☐N/A	6
Containers Intact:	☑Yes	☐No ☐N/A	7
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes	☐No ☐N/A	8
All containers needing acid/base preservation have been checked? [exceptions: VOA, coliform, TOC, O&G]	☐Yes	☐No ☑N/A	9 (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.			
Headspace in VOA Vials (>6mm):	☐Yes	☑No ☐N/A	10.
Trip Blank Present:	☐Yes	☑No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes	☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):			
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	12
Sufficient Volume:	☑Yes	☐No ☐N/A	13
Correct Containers Used:	☑Yes	☐No ☐N/A	14

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 10/5/15

Form F-IN-C-290-rev.05, 10Sep2013

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Sample Container Count

CLIENT:

QC PAGE 1 of 1

QC ID# 1105161

Project # 50111516

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R 4 / 8	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH >12	Comments
1	2			2															
2	2			2															
3	2			2															
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

DRAFT

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: January 23, 2015 FACILITY ID#: _____

501/154

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s)	HCl/Ice		
List the cooler temperature upon receipt	2.5 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☐	No ☐	NA ☒
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used.	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☐	No ☒
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☐	No ☒
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method Blanks	Yes ☒	No ☐
Matrix spikes	Yes ☐	No ☒
Matrix spike duplicates or matrix duplicates	Yes ☐	No ☒
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs	Yes ☐	No ☒
Were there any data qualifiers noted by the lab? If so, list sample IDs:	Yes ☐	No ☒

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company?	Yes ☐	No ☒			
Check lab certification that applies:	☐ Ohio EPA DDGW	☒ Ohio EPA VAP	☒ NELAP	☐ A2LA	☐ Other (list).

COMPLETED BY

Print Name of Lab Representative and Title:	Signature	Date
Joyce Sarapata, Project Manager, Pace Analytical	Joyce Sarapata	1/23/15

DRAFT

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4000 Dlazer Parkway
Dulan, OH 43017
(h14)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis IN 46268
(317)228-3100

February 02, 2015

Jeff Bood
Spence Environmental
70 West Columbus St.
Pickerington, OH 43147

RE: Project: Park-06 (14)
Pace Project No.: 50111676

DRAFT

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on January 29, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mark Davis for
Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Park-05 (14)
Pace Project No.: 50111678

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky UST Certification #: 0042
Louisiana/NELAP Certification #: 04070
Ohio VAP Certification #: CL-0065
West Virginia Certification #: 250

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Park-05 (14)
Pace Project No.: 50111676

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50111676001	MW-2	Water	01/29/15 11:52	01/29/15 13:10

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Indianapolis, IN 46268
(317)228 3100

SAMPLE ANALYTE COUNT

Project: Park-08 (14)
Pace Project No: 50111676

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50111676001	MW-2	EPA 8260	GRM	8

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7726 Moller Road
Indianapolis IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 50111676

Sample: MW-2 Lab ID: **50111676001** Collected: 01/29/15 11:52 Received: 01/29/15 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	404	ug/l	5.0	1		01/31/15 01:11	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		01/31/15 01:11	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		01/31/15 01:11	1634-04-4	
Toluene	ND	ug/L	5.0	1		01/31/15 01:11	108-88-3	
Xylene (Total)	ND	ug/l	10.0	1		01/31/15 01:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	79-115	1		01/31/15 01:11	1868-53-7	
Toluene-d8 (S)	103	%.	81-119	1		01/31/15 01:11	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-114	1		01/31/15 01:11	460-00-4	

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(317)228-3100

QUALITY CONTROL DATA

Project: Park 08 (14)
Pace Project No: 50111676

QC Batch: MSV/73220 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50111676001

METHOD BLANK: 1231004 Matrix: Water
Associated Lab Samples: 50111676001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	01/30/15 14:48	
Ethylbenzene	ug/L	ND	5.0	01/30/15 14:48	
Methyl-tert-butyl ether	ug/L	ND	4.0	01/30/15 14:48	
Toluene	ug/L	ND	5.0	01/30/15 14:48	
Xylene (Total)	ug/L	ND	10.0	01/30/15 14:48	
4-Bromofluorobenzene (S)	%	100	80-114	01/30/15 14:48	
Dibromofluoromethane (S)	%	97	79-116	01/30/15 14:48	
Toluene-d8 (S)	%	100	81-110	01/30/15 14:48	

LABORATORY CONTROL SAMPLE: 1231005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.2	92	74-122	
Ethylbenzene	ug/L	50	47.2	94	80-130	
Methyl-tert-butyl ether	ug/L	100	93.5	94	69-127	
Toluene	ug/L	50	43.9	88	72-122	
Xylene (Total)	ug/L	150	143	95	70-124	
4-Bromofluorobenzene (S)	%			96	80-114	
Dibromofluoromethane (S)	%			100	79-116	
Toluene-d8 (S)	%			101	81-110	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is provided to the right of the result.

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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)328-9101

QUALIFIERS

Project: Park-05 (14)
Pace Project No.: 50114676

DEFINITIONS

DF - Dilution Factor, if reported represents the factor applied to the reported data due to changes in sample preparation dilution of the sample aliquot or moisture content

ND - Not Detected at or above Adjusted reporting limit

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

MDL - Adjusted Method Detection Limit

PQL - Practical Quantitation Limit

RL - Reporting Limit

S - Surrogate

1,2 Diphenylhydrazine (8270) rated analytes decomposes to Azobenzene.

Consistant with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected

N Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes

TNI - The NELAC Institute

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(614)486-5421

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7726 Moller Road
Indianapolis, IN 46268
(317)229-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park-06 (14)
Pace Project No: 50111675

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50111675001	MW-2	EPA 8260	MSV/73220		

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Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page 9 of 11

Page: 1 of 1

1705771

Section A — Required Client Information:

Company: Spence Environmental
Address: 70 W. Columbus St.
Pickerington, OH 43147
Email To: Jeff@SpenceEnv.com
Phone: 614-837-4755 Fax: 614-837-4755
Requested Due Date/TAT: EOH 2/6/15

Section B — Required Project Information:

Report To: Jeff Boad
Copy To:
Purchase Order No.:
Project Name: Park-06(14)
Project Number: Park-06(14)

Section C — Invoice Information:

Attention: Jeff Boad
Company Name: Spence Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY:
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location — STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (1WZ Only.) Sample IDs MUST BE UNIQUE	Matrix Codes (Matrix / Code): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test ↓	BTEX + MTBE (8260)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT	G				1-27-15	11:53		2								HCL		X		50111674 001
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	SEC	1-29-15	1:10		1/30/15	13:10	5 Y / 4 / N / 4

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thrush

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-29-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

DRAFT

Sample Condition Upon Receipt

Pace Analytical

Client Name: [redacted]

Project # 50111676

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other _____

Thermometer Used: 1 2 3 4 5 6 7 8 9 10 11 Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 5.3 Ice Visible in Sample Containers: ☐ Yes ☑ No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: [redacted]

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	5.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	6.
Containers Intact:	☑Yes	☐No	☐N/A	7.
Sample labels match COC: Includes date/time/ID/Analysis	☑Yes	☐No	☐N/A	8.
All containers needing acid/base pres. have been checked? preservation noted on COC/label. All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes	☐No	☑N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	10
Trip Blank Present:	☐Yes	☑No	☐N/A	11.
Trip Blank Custody Seals Present:	☐Yes	☐No	☑N/A	
Project Manager Review:				
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	12
Sufficient Volume:	☑Yes	☐No	☐N/A	13
Correct Containers Used	☑Yes	☐No	☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [redacted] Date: 11/20/15

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Sample Container Count

Page 11 of 11

CLIENT: GEOSCIENCE

Pace Analytical

COC PAGE 1 of

COC ID# 1705771

Project # 30111670

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	476	BP2N	BP2U	BP2S	BP3N	BP1U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH>12	Comments
1	2																			
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

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Container Codes

DG0H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9T	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VGHT	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VGBU	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG8Q	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG0M	40mL MeOH clear vial	ZPLC	Ziploc Bag

5011670

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: _____ FACILITY ID#: _____

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	HCL		
List the cooler temperature upon receipt:	5.4 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☐	No ☐	NA ☒
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☐	No ☒
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☐	No ☒
Matrix spike duplicates or matrix duplicates	Yes ☐	No ☒
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs.	Yes ☐	No ☒
Were there any data qualifiers noted by the lab? If so, list sample IDs:	Yes ☐	No ☒

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☒ No ☐

Check lab certification that applies. ☐ Ohio EPA DDGW ☐ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title:	Signature	Date
Mark Davis, Project Manager	Mark Davis	2/2/15

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SPENCE
Environmental
Consulting, Inc.

RECEIVED
APR - 7 2015
SFM/BUSTR

April 6, 2015

Mr. Drue Roberts
Bureau of Underground Storage Tank Regulations (BUSTR)
Division of State Fire Marshal
8895 East Main Street
Reynoldsburg, OH 43068

Re: Tier 1 Investigation Report & Tier 2 Evaluation Report
Preston's IGA
282 East Sandusky Street, Mechanicsburg, Ohio 43044
Release No. 11009720-N00002

Dear Mr. Roberts:

Enclosed are the Tier 1 Investigation Report and the Tier 2 Evaluation Report prepared by Spence Environmental Consulting, Inc. (SEC) for the referenced site. Based on the Tier Evaluation work completed. model calibration is recommended.

This work is being completed on a voluntary basis and an expedited review would be appreciated

I can be contacted at (614) 837-4750 if you should have any questions regarding the site or these reports

Sincerely,
Spence Environmental Consulting, Inc.

Jeffrey J Bood, P.G.
Senior Geologist

Enclosures

CC: Dan Turben (Park National Bank)

DRAFT

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

Tier 1 Investigation Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

RECEIVED
APR - 7 2015
SFM/BUSTR

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

April 2, 2015

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SPENCE
Environmental
Consulting, Inc.

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

RECEIVED
APR - 7 2015
SFM/BUSTR

Tier 1 Investigation Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

Client: Mr. Dan Turben
Park National Bank
720 Gardner Road
Springboro, OH 45066

Project No.: Park-06(14)

Distribution: Mr. Dan Turben (2 Copies)
SEC File (1 Electronic Copy)

Date: April 2, 2015

Prepared by: _____
John W. Mills, Staff Engineer

_____
Jeffrey J. Bood, P.G. Project Geologist

Spence Environmental Consulting, Inc.
70 West Columbus Street
Pickerington, Ohio 43147
(614) 837-4750

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APR - 7 2015
SFM/BUSTR

Department of Commerce

TIER 1 INVESTIGATION FORM 2012

REPORT DATE: April 2, 2015 FACILITY ID#: TT009720

OWNER/OPERATOR AND FACILITY DATA

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-1464

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, ZIP:	Mechanicsburg, 43044
COUNTY:	Champaign
LAT/LONG (decimal):	40.07763/-83.54948
RELEASE #:	N00002

UST OPERATOR INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-1464

PROPERTY OWNER INFORMATION:

COMPANY:	Security National Bank Div. of Park National Bank
ADDRESS:	50 S. Limestone Street
CITY, STATE:	Springfield, OH
ZIP:	45502
CONTACT PERSON:	Dan Turben
CONTACT PHONE:	(937) 286-9336

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

TANK #	DATE INSTALLED	CAPACITY	PRODUCT	CONST. MATERIAL	TANK STATUS*	DATE REMOVED
T0001	Unknown	1,000	Gasoline	Steel	R	07/09/03
T0002	Unknown	1,000	Gasoline	Steel	R	07/09/03
T0003	5/25/04	12,000	Gasoline	Fiberglass	R	10/31/14
T0004	5/25/04	8,000	Gasoline	Fiberglass	R	10/31/14
T0005	5/25/04	6,000	Diesel	Fiberglass	R	10/31/14

STATUS: *CIP = Closed-in-Place, CIS = Changed-in-Service, CIU = Currently-in-Use, R = Removed, RE = Replaced, OOS<90 = Out-of-Service < 90 days, OOS>90 = Out-of-Service > 90 days, OOS>12 = Out of Service > 12 months*

SITE HISTORY AND VISUAL SITE EVALUATION

Describe the property, surrounding area, the date the release occurred, etc

The site has a history of use as a grocery store and retail fuel station and is currently unoccupied. Adjacent properties consist of a mobile home park to the north, residential properties east and south, and a residential property and a farm field to the west. Two 1,000 gallon gasoline USTs were removed from the site in 2003 and received a no further action from BUSTR. Three USTs were installed at the site in 2004 (two gasoline and one diesel) and were removed in October 2014. A water sample collected from the tank cavity in October 2014 contained benzene above closure action levels requiring a BUSTR Tier 1 Source Investigation. A Tier 1 Source Investigation was completed and included the installation of three monitoring wells (MW-1, MW-2 & MW-3). Benzene was found to be above BUSTR action levels in the groundwater sample obtained from MW-2 which is located in the former UST basin. This work was summarized and submitted to BUSTR in a Tier 1 Notification Report dated February 12, 2015. A fourth monitoring well (MW-4) was installed at the site in February 2015 for delineation purposes.

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TIER 1 SOURCE INVESTIGATION

POTENTIAL RELEASE SOURCE(S):

☐ Tank	☐ Piping	☐ Dispenser	☐ Submersible Pump
☐ Delivery Problem	☐ Unknown	☐ Other	☒ N/A

List specific sources

A water sample collected from the tank cavity during the UST closure assessment contained benzene above the Closure Action Level.

POTENTIAL CAUSE OF RELEASE

☐ Spill	☐ Overfill	☐ Corrosion	☐ Install Problem	☐ N/A
☐ Physical / Mechanical Damage or Failure			☒ Unknown	☐ Other

List specific causes.

N/A

CHEMICALS OF CONCERN:

Group 1 and Group 2.

SUBSURFACE INVESTIGATION:

Previously installed soil borings and date installed:

MW-1, MW-2 and MW-3 were installed on January 15, 2015

Previously installed monitoring wells and date installed:

MW-1, MW-2 and MW-3 were installed on January 15, 2015.

Soil borings installed during this investigation and date installed.

MW-4 was installed on February 24, 2015

Monitoring wells installed during this investigation and date installed:

MW-4 was installed on February 24, 2015.

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SB/MW	Install Date	MW Diameter	Latitude	Longitude	Installed With*	Total Depth	Depth to GW	Depth to Bedrock	Screened Interval
MW-1	01/15/15	1-inch			DP	19	14.0	N/A	9.0-19.0
MW-2	01/15/15	2-inch			DP	18	14.0	N/A	8.0-18.0
MW-3	01/15/15	2-inch			DP	19	14.5	N/A	9.0-19.0
MW-4	02/24/15	2-inch			DP	20	13.8	N/A	10.0-20.0

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** HSA/SS - Hollow stem auger / split spoon, DP – Direct push, HA = Hand auger*

FIELD SCREENING

Instrument used: MiniRAE Lite PGM 7300 PID

Methodology:

Headspace analysis technique by penetrating the zip-lock bag samples with the tip of the PID.

Calibration procedure:

2-point method with ambient air and 100 ppm isobutylene per manufacturer's specifications.

SB/MW#	MW-4							
Depth	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)
0-2'	0.0							
2-4'	0.0							
4-6'	0.0							
6-8'	0.0							
8-10'	0.0							
10-12'	0.0							
12-14'	0.0							
14-16'	0.0							
16-18'	0.0							
18-20'	0.0							
20-22'								
22-24'								
24-26'								
26-28'								
28-30'								
30-32'								
32-34'								
34-36'								
36-38'								
38-40'								
40-42'								
42-44								
44-46'								
46-48'								
48-50								
GW Depth	13.5							

NOTE: The intervals of samples submitted for analysis should be indicated in bold

SOIL CLASSIFICATION

Select one of the following:

- ☐ SOIL CLASS 1 (USCS soil symbols GW, GP, GM, GC, SW, SP, SM)
- ☒ SOIL CLASS 2 (USCS soil symbols SC, ML, CL, OL, MH)
- ☐ SOIL CLASS 3 (USCS soil symbols CH, OH, PT)

LABORATORY DATA

LABORATORY NAME: PACE Analytical Services, Inc.

ADDRESS: 4850 Blazer Parkway, Dublin, Ohio 43017

PHONE #: (614) 486-5421

ACCREDITATION (List at least one): Ohio VAP Certification #: CL-0065

Date samples received by lab: Soil – 2/25/15; Water – 3/4/15

Temperature of cooler: Soil – 2.1°C; Water – 2.5°C

Date samples analyzed by lab: Soil – 2/26/15, 2/27/15, 3/2/15, 3/4/15; Water – 3/6/15, 3/10/15

Test methods: 8260, 8270, 8015

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IMMEDIATE CORRECTIVE ACTIONS

YES	NO	
☐	☒	Free product is currently present
☐	☒	Free product has been present historically

If yes to either of the above, please complete the following.

Location(s) of free product: N/A
Amount recovered to date: N/A

YES	NO	
☐	☒	A remediation system is currently in use at the site
☐	☒	A remediation system has previously been used at the site but is not currently in use

If yes to either of the above, describe the remediation system and provide background information.

N/A

OFF-SITE ACCESS

YES	NO	
☐	☒	Off-site access is required to delineate chemicals of concern
☐	☒	Off-site access has been denied (Provide documentation and indicate denied parcels on all figures)

If yes to either of the above, explain:

N/A

DELINEATION

YES	NO	
☒	☐	Chemicals of concern in soil have been defined to delineation levels in all directions
☒	☐	Chemicals of concern in groundwater have been defined to delineation levels in all directions

NOTE: Delineation levels are presented in Ohio Administrative Code (OAC) 1301:7-9-13(J)(1)

If no to either of the above, explain:

N/A

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GROUNDWATER DETERMINATION

Select one of the following:

- ☒ Water in the saturated zone was not evaluated and is therefore assumed to be groundwater
- ☐ Water in the saturated zone was evaluated and meets the criteria to be considered groundwater
- ☐ Water in the saturated zone was evaluated and does not meet the criteria to be considered groundwater

NOTE: If the saturated zone is not considered groundwater, documentation must be provided.

Depth to the saturated zone: ☒ < 15' ☐ 15' – 30' ☐ 31' – 50' ☐ > 50'

General direction of flow in the saturated zone: Southeast

DRINKING WATER DETERMINATION

GROUNDWATER IS CONSIDERED DRINKING WATER IF ANY OF THE FOLLOWING APPLY:

YES	NO	
☐	☒	The UST site or surrounding area is located within a Drinking Water Source Protection Area as defined by Ohio Administrative Code 1301:7-9-13(C)(5)
☐	☒	The UST site is located within a Sensitive Area as defined by OAC 1301:7-9-09
☒	☐	An existing drinking water source, including any completed in saturated zones other than that being evaluated at the site, has been identified within the surrounding area pursuant to OAC 1301:7-9-13(F)(1)(b)
☐	☒	A surface water body is located within three hundred feet of the UST system

If yes to any of the above, explain:

Potable well records identified eight locations within 1,500 ft. of the subject site (Appendix G).

GROUNDWATER IS CONSIDERED NON-DRINKING WATER IF NONE OF THE ABOVE CONDITIONS APPLY AND ANY OF THE FOLLOWING CONDITIONS APPLY:

YES	NO	NOT EVALUATED	
☐	☐	☒	Groundwater in the upper saturated zone yields less than three gallons per minute
☐	☐	☒	Groundwater in the upper saturated zone has a background level of total dissolved solids of three thousand milligrams per liter or greater
☐	☐	☒	The site is located in an area where an urban setting designation pursuant to Chapter 3746 of the Revised Code and rules adopted there under has been approved by the director of the Ohio Environmental Protection Agency, and the owner and operator verifies that the urban setting designation remains protective of the potable use pathway in accordance with OAC 3745-300-10(D)(3)(h)
☐	☐	☒	The site is *less than five acres* in area and no potable wells are located within 300 feet *of the site* (based on a physical survey) and an ordinance requires a mandatory tie-in to a municipal water system for all properties in the surrounding area
☐	☐	☒	The site is *less than five acres* in area and no potable wells are located within 300 feet *of the site* (based on a physical survey) and an ordinance prohibits the installation of potable water wells at all properties within the surrounding area

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YES	NO	NOT EVALUATED	
☐	☐	☒	The site is *less than five acres* in area and no potable wells are located within 300 feet *of the site* (based on a physical survey) and *100 percent* of the properties within 300 feet *of the site* are either connected to a municipal water source or one is available
☐	☐	☒	The site is *greater than five acres* in area and no potable wells are located within 300 feet *of the UST system* (based on a physical survey) and an ordinance requires a mandatory tie-in to a municipal water system for all properties in the surrounding area
☐	☐	☒	The site is *greater than five acres* in area and no potable wells are located within 300 feet *of the UST system* (based on a physical survey) and an ordinance prohibits the installation of potable water wells at all properties within the surrounding area
☐	☐	☒	The site is *greater than five acres* in area and no potable wells are located within 300 feet *of the UST system* (based on a physical survey) and *100 percent* of the properties within 300 feet of the *UST system* are either connected to a municipal water source or one is available

If yes to any of the above, explain below and provide documentation:

N/A

DRINKING WATER DETERMINATION CONCLUSION:

☒ Groundwater is considered drinking water

☐ Groundwater is not considered drinking water

CONTAMINANT CONCENTRATIONS IN SOIL*

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	MAXIMUM Location ID	MAXIMUM Depth	MAXIMUM Conc. (ppm)**	HISTORICAL MAXIMUM* Location ID	HISTORICAL MAXIMUM* Depth	HISTORICAL MAXIMUM* Conc. (ppm)**
BENZENE	0.252	All	All	<0.006			
TOLUENE	700	All	All	<0.006			
ETHYLBENZENE	83	All	All	<0.006			
TOTAL XYLENES	18	All	All	<0.02			
MTBE	0.788	All	All	<0.006			
BENZO (a) ANTHRACENE	11	All	All	<0.006			
BENZO (a) PYRENE	1.1	All	All	<0.006			
BENZO (b) FLUORANTHENE	11	All	All	<0.006			
BENZO (k) FLUORANTHENE	110	All	All	<0.006			
CHRYSENE	1,100	All	All	<0.006			
DIBENZ (a,h) ANTHRACENE	1.1	All	All	<0.006			
INDENO (1,2,3-cd) PYRENE	11	All	All	<0.006			
NAPHTHALENE	54	EW-1	5	0.021			
TPH (C6-C12)	5,000	All	All	<1.2			
TPH (C10-C20)	10,000	MW-1	13-14	25.1			
TPH (C20-C34)							
OTHER (List below, add rows as needed):							

* *For this release, including closure or site check results. Only complete if soil data has been replaced via an IRA, a RAP, or confirmatory sampling*

** *Soil results are to be reported on a dry weight basis. Where concentrations are less than detection limits, indicate the detection limit (e.g. < 0.005).*

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CONTAMINANT CONCENTRATIONS IN GROUNDWATER

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	HISTORICAL MAXIMUM*		CURRENT MAXIMUM	
		MW #	Conc. (ppm)**	MW #	Conc. (ppm)**
BENZENE	0.005	Tank Cavity	0.059	MW-2	0.0086
TOLUENE	1	Tank Cavity	0.808	All	<0.005
ETHYLBENZENE	0.7	Tank Cavity	0.117	All	<0.005
TOTAL XYLENES	10	Tank Cavity	0.624	All	<0.010
MTBE	0.04	All	<0.004	All	<0.004
BENZO (a) ANTHRACENE	0.00024	All	<0.00010	All	<0.00010
BENZO (a) PYRENE	0.0002	All	<0.00010	All	<0.00010
BENZO (b) FLUORANTHENE	0.00017	All	<0.00010	All	<0.00010
BENZO (k) FLUORANTHENE	0.0017	All	<0.00010	All	<0.00010
CHRYSENE	0.047	All	<0.000050	All	<0.00050
DIBENZ (a,h) ANTHRACENE	0.0002	All	<0.00010	All	<0.00010
INDENO (1,2,3-cd) PYRENE	0.00022	All	<0.00010	All	<0.00010
NAPHTHALENE	0.14	Tank Cavity	30.4	All	<0.00[illegible]
OTHER (List below, add rows as needed).					

* *For this release, excluding closure or post check results.*

** *Where concentrations are less than detection limits, indicate the detection limit (e.g. < 0.005)*

TIER 1 DECISIONS

Select one of the following.

☐ The concentrations of all chemical(s) of concern (COCs) are at or below action levels determined in accordance with paragraph (I)(2)(f) of OAC 1301:7-9-13 for all applicable pathways, and no further action is requested.

☒ The concentrations of COCs are above applicable action level(s) determined in accordance with paragraph (I)(2)(f) of OAC 1301:7-9-13, and the following COCs and pathways require further evaluation:

SOIL		GROUNDWATER	
Chemical of Concern	Pathways	Chemical of Concern	Pathways
		Benzene	Groundwater Ingestion

Indicate which of the following options the owner/operator plans on conducting:

☐ INTERIM RESPONSE ACTION

☒ TIER 2 EVALUATION

☐ REMEDIAL ACTION PLAN

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MISCELLANEOUS DATA

THE FOLLOWING ITEMS MUST BE ATTACHED:

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-13 OR ADDITIONAL INFORMATION WHICH CLARIFIES THE INVESTIGATION ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

TABLES:

TABLE 1	SOIL CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS
TABLE 2	GROUNDWATER CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS
TABLE 3	MONITORING WELL GAUGING DATA

FIGURES:

FIGURE 1	TOPOGRAPHIC MAP
FIGURE 2	SITE MAP
FIGURE 3	SITE MAP WITH SOIL BORING LOCATIONS, SOIL CONCENTRATIONS AND SAMPLE DEPTH
FIGURE 4	SITE MAP WITH MONITORING WELLS AND GROUNDWATER CONCENTRATIONS
FIGURE 5	GROUNDWATER CONTOUR MAP

APPENDIX:

APPENDIX A	SOIL BORING LOGS
APPENDIX B	MONITORING WELL CONSTRUCTION DIAGRAMS
APPENDIX C	MONITORING WELL DEVELOPMENT & SAMPLING FORMS
APPENDIX D	SOIL CLASSIFICATION FORM
APPENDIX E	LABORATORY ANALYTICAL REPORT
APPENDIX F	LABORATORY SUMMARY FORM
APPENDIX G	CHAIN OF CUSTODY
APPENDIX H	DRINKING WATER EVALUATION SUPPORTING DOCUMENTATION
APPENDIX I	PHOTOGRAPHS

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FORM PREPARED BY:

NAME: John Mills
COMPANY: Spence Environmental Consulting, Inc.
STREET ADDRESS: 70 West Columbus Street
CITY, STATE, ZIP: Pickerington, Ohio 43147
PHONE #: (614) 837-4750
EMAIL: John.Mills@SpenceEnv.com

The Tier 1 Investigation Form **must** be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the form is legible and complete.

OWNER / OPERATOR SIGNATURE: [signature]

PRINT NAME: [illegible] **DATE:** 4-6-15

CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1: Light distillate products including unleaded gasoline, leaded gasoline and aviation gasoline

Analytical Group 2: Middle distillate products including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels

Analytical Group 3: Heavy petroleum distillate products - including, but not limited to, lubricating and hydraulic oils

Analytical Group 4: Used oil

Analytical Group 5: Unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

	Analytical Group Number	1	2	3	4	5	Analytical Methods
		Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
	Chemical						
Aromatics	Benzene	X	X		X		8021/8260
	Toluene	X	X		X		
	Ethylbenzene	X	X		X		
	o- m- and p-Xylenes	X	X		X		
Additives	Methyl tertiary-butyl ether (MTBE)	X			X		
Polynuclear Aromatics	Benzo(a)anthracene		X	X	X		8270/8310
	Benzo(a)pyrene		X	X	X		
	Benzo(b)fluoranthene		X	X	X		
	Benzo(k)fluoranthene		X	X	X		
	Chrysene		X	X	X		
	Dibenzo(a,h)anthracene		X	X	X		
	Indeno(1,2,3-c,d)pyrene		X	X	X		
	Naphthalene		X	X	X		
Chlorinated Hydrocarbons	Volatile Organic Hydrocarbons				X		8260
Total Petroleum Hydrocarbons *1	TPH (C6 – C12)	X			X		8015
	TPH (C10 – C20)		X		X		
	TPH (C20 – C34)			X	X		
	Varies based on LNAPL contents			X	X	*2	

*1 TPH analysis is not required for groundwater samples

*2 Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

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Appendix A - Tables

1 - Static and Relative Groundwater Elevations
2 - Tier 1 Action Levels
3 - Soil Analytical Results – Light Distillates
4 - Soil Analytical Results – Middle Distillates
5 - Groundwater Analytical Results – Light Distillates
6 - Groundwater Analytical Results – Middle Distillates

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Table 1 - Static and Relative Groundwater Elevations

Benchmark: Southeast Corner of Site Building

Monitoring Well	Top of Casing Elevation	Static Water Level	Relative Groundwater Elevation
January 27, 2015			
MW-1	99.70	5.95	93.75
MW-2	98.85	4.32	94.53
MW-3	97.26	4.50	92.76
March 3, 2015			
MW-1	99.70	5.77	93.93
MW-2	98.50	5.14	93.36
MW-3	97.02	5.17	91.85
MW-4	98.35	5.33	93.02

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Table 2 - Tier 1 Action Levels
Parts per million (mg/kg-mg/L)
Residential Land Use Scenario (Tier 1 Default)

	Soil					Groundwater		
Pathway	Direct Contact with Soils	Soil Leach to Drinking Water	Soil Leach to Non-Drinking Water	Soil Volatilization to Indoor Air	Soil Volatilization to Outdoor Air	Groundwater Ingestion	Groundwater Volatilization to Indoor Air	Groundwater Volatilization to Outdoor Air
Soil Type	NA	CL	CL	CL	CL	NA	CL	CL
Depth to Groundwater	NA	NA	NA	NA	NA	NA	0-15	0-15
Benzene	0.8	0.252	21.6	1.15	51	0.005	4.29	860
Toluene	560	105	1630	70.8	3,130	1	155	34,000
Ethylbenzene	1500	1.83	4,590	233	10,300	0.7	382	86,300
Total Xylenes	860	625	342	16	703	10	41.4	9,360
MTBE	5,300	0.788	24,400	1,370	60,500	0.04	12,400	865,000
Benzo(a)anthracene	11	18,600	>1E^+6	596,000	>1E^+6	0.00026	669	31,600
Benzo(a)pyrene	1.1	>1E^+6	>1E^+6	206,000	>1E^+6	0.0002	127	8,200
Benzo(b)fluoranthene	11	>1E^+6	>1E^+6	206,000	>1E^+6	0.00017	67.4	2,720
Benzo(k)fluoranthene	110	730,000	>1E^+6	>1E^+6	>1E^+6	0.0017	23,800	>1E^+6
Chrysene	1,100	451,000	>1E^+6	>1E^+6	>1E^+6	0.047	7,170	286,000
Dibenz(a,h)anthracene	1.1	>1E^+6	>1E^+6	>1E^+6	>1E^+6	0.0002	344	38,700
Indeno(1,2,3-cd)pyrene	11	>1E^+6	>1E^+6	>1E^+6	>1E^+6	0.00022	2,020	131,000
Naphthalene	54	84.2	1340	67.3	2,990	0.14	22.2	1,430
TPH C6-C12*	5,000	NA	NA	NA	NA	NA	NA	NA
TPH C10-C20*	10,000	NA	NA	NA	NA	NA	NA	NA

*TPH Action Level independent of pathway

Values listed in BOLD shaded cells indicate the lowest AL per media for the COC

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Table 3 - Soil Analytical Results - Light Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	TPH C6-C12
Tier 1 Delineation Levels			*1.94*	*61.3*	*199*	*15.7*	*1,240*	*5,000*
Tier 1 Action Levels			*0.252*	*72.8*	*83*	*18*	*0.758*	*5,000*
UST Excavation Results								
NW-1	5'	10/31/14	<0.026	<0.006	<0.006	<0.011	<0.026	<1.1
EW-1	5'	10/31/14	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
Dispenser & Piping Run Results								
D-1	3'	10/31/14	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
D-2	3'	10/31/14	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
D-3	3'	10/31/14	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
P-3	2'	10/31/14	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
Stockpile Results								
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-18	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
Tier 1 Source Investigation								
MW-1	10-12	11/5/15	<0.026	<0.006	<0.006	<0.012	<0.026	<1.2
	12-14		<0.026	<0.006	<0.006	<0.011	<0.026	<1.1
MW-2	12-14	11/5/15	<0.026	<0.006	<0.005	<0.011	<0.005	<1.1
MW-3	8-10	11/5/15	<0.026	<0.006	<0.006	<0.011	<0.026	<1.1
	12-14		<0.026	<0.006	<0.005	<0.012	<0.005	<1.1
MW-4	12-14	2/24/15	<0.005	<0.005	<0.005	<0.012	<0.005	<1.1

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Table 4 - Soil Analytical Results - Middle Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3- c,d) pyrene	Naphthalene	TPH C10-C20
Tier 1 Delineation Levels			11	1.1	11	110	1,100	1.1	11	54	10,000
Tier 1 Action Levels			11	1.1	11	110	1,000	1.1	11	53	10,000
UST Excavation Results											
NW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
EW-1	5	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<12.0
Dispenser & Piping Run Results											
D-1	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
D-2	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<12.1
D-3	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
P-3	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.8
Stockpile Results											
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.4
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.9
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.0
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2
SP-19	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
Tier 1 Source Investigation											
MW-1	10-12	11/5/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
MW-2	12-14	11/5/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
MW-3	8-10	11/5/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	25.1
MW-4	12-14	11/5/15	<0.005	<0.005	<0.005	<0.005	0.0119	<0.005	<0.005	0.0039	22.0

Final

Table 5 - Groundwater Analytical Results - Light Distillates

Parts per million (mg/L)

Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Delineation Levels		*0.428*	*15.5*	*38.1*	*10.0*	*1.240*
Tier 1 Action Levels		*0.005*	*1.0*	*0.7*	*10.0*	*0.04*
UST Closure						
TC	10/31/14	**0.059**	0.809	0.117	0.624	<0.004
Tier Evaluation						
MW-1	1/21/15	<0.005	<0.005	<0.005	<0.010	<0.004
	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004
MW-2	1/21/15	**0.038**	<0.005	<0.005	<0.010	<0.004
	1/29/15	**0.040**	<0.005	<0.005	<0.010	<0.004
	3/3/15	**0.008**	<0.005	<0.005	<0.010	<0.004
MW-3	1/21/15	<0.005	<0.005	<0.005	<0.010	<0.004
	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004
MW-4	3/3/15	<0.005	<0.005	<0.005	<0.010	<0.004

Values listed in **Bold Type** exceed Tier 1 Action Levels

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Table 6 - Groundwater Analytical Results - Middle Distillates

Parts per million (mg/L)

Location	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene	Naphthalene
Delineation Levels		*86.7*	*12.7*	*6.72*	*2.380*	*715*	*35.3*	*202*	*2.22*
Tier 1 Action Levels		*0.00025*	*0.0002*	*0.00017*	*0.0017*	*0.0476*	*0.0002*	*0.00022*	*0.14*
UST Closure									
TC	10/31/14	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	0.014
Tier Evaluation									
MW-1	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-2	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-3	1/21/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-4	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001

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Appendix B - Figures

1 - U.S.G.S. Topographic Map
2 - Site Plan
3 - Site Map
4 - Soil Analytical Results
5 - Groundwater Analytical Results
6 - Potentiometric Surface Map

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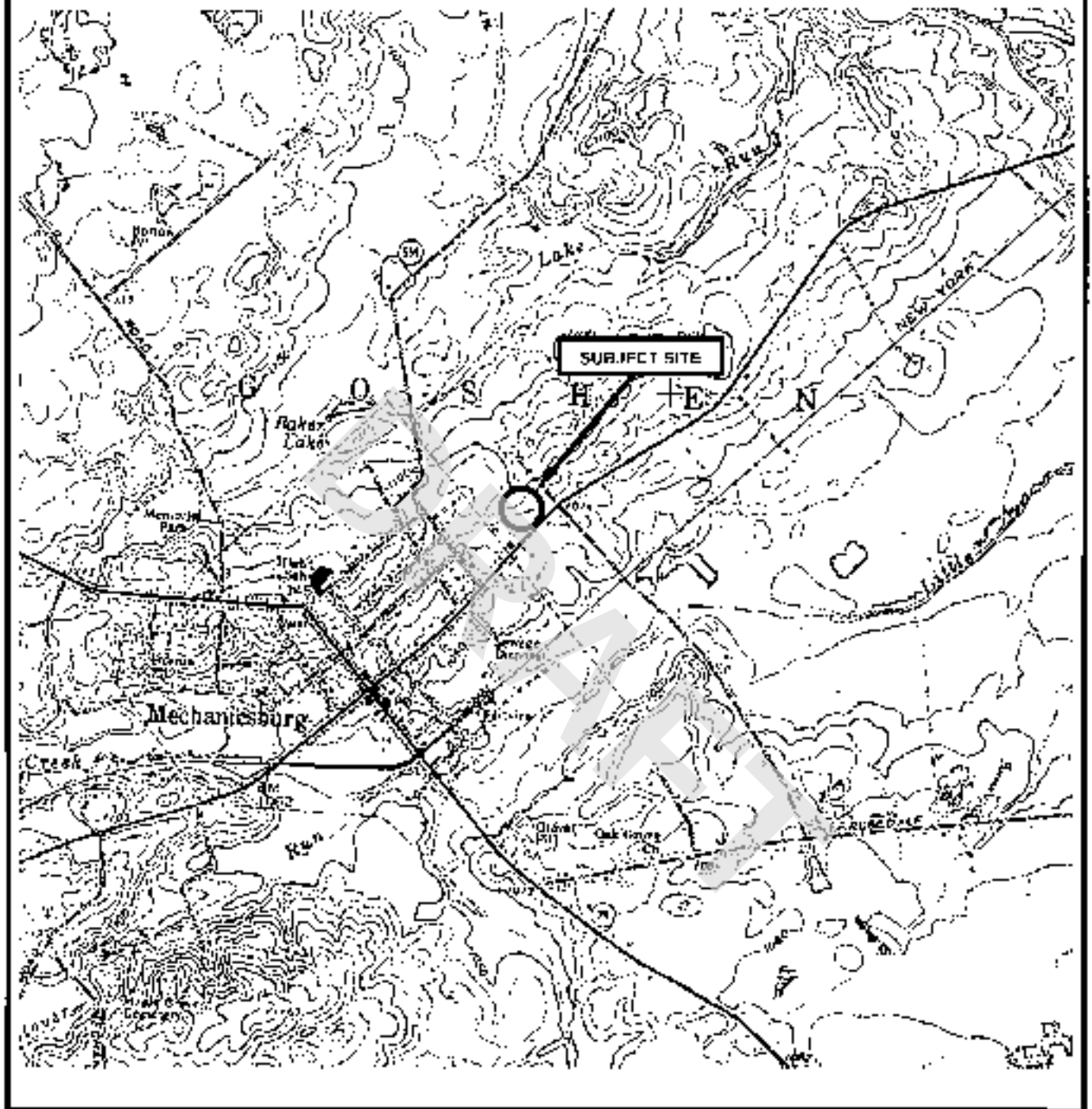


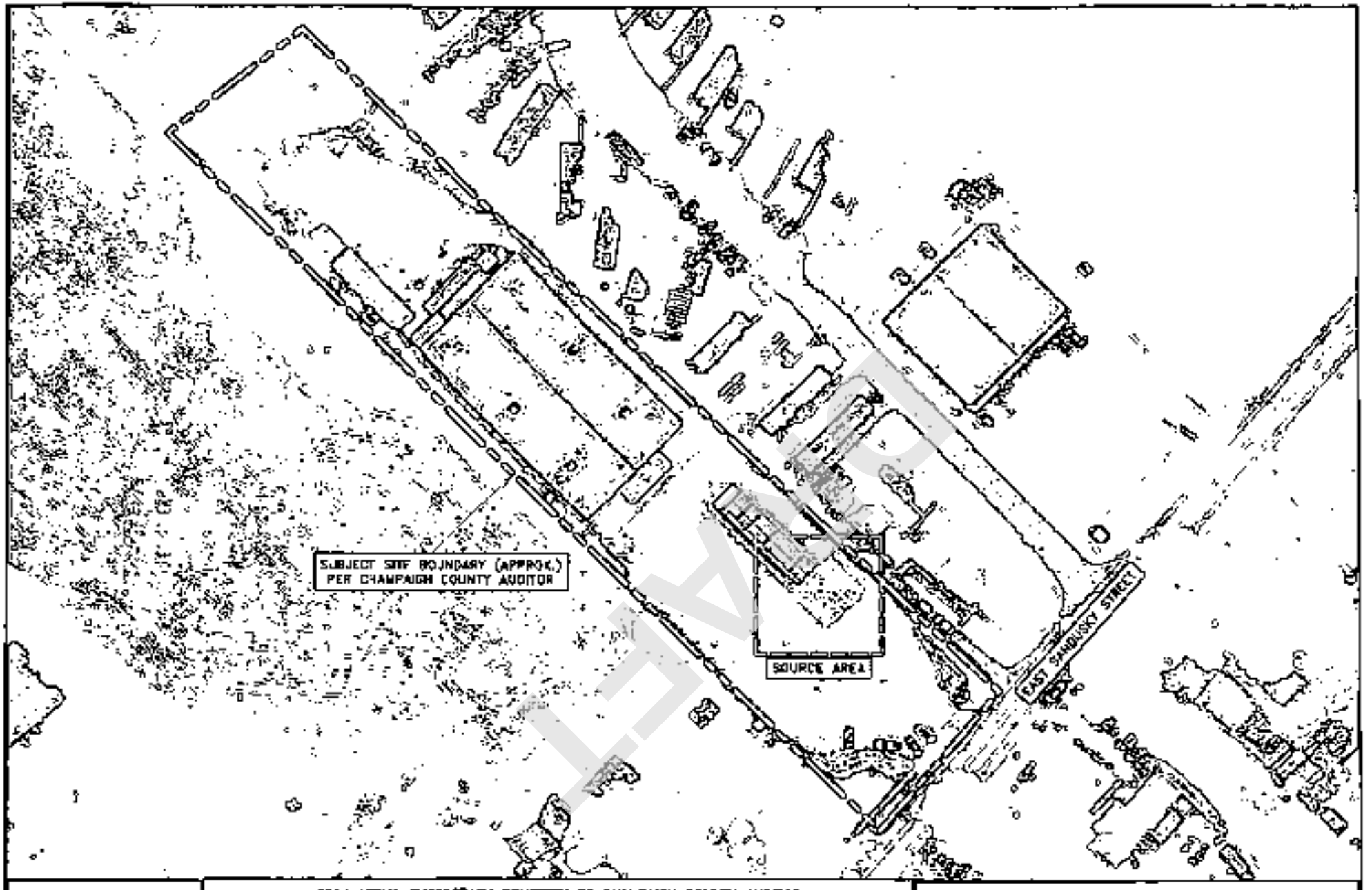
Mechanicsburg, Ohio 7.5 minute series USGS Quadrangle, 1980 Revision

N
W E
S

SCALE: 1" = ± 2,000'

FIGURE 1 – USGS Topographic Map
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio

SPENCE
Environmental
Consulting, Inc



2014 AERIAL PHOTOGRAPH COURTESY OF CHAMPAIGN COUNTY AUDITOR

NORTH

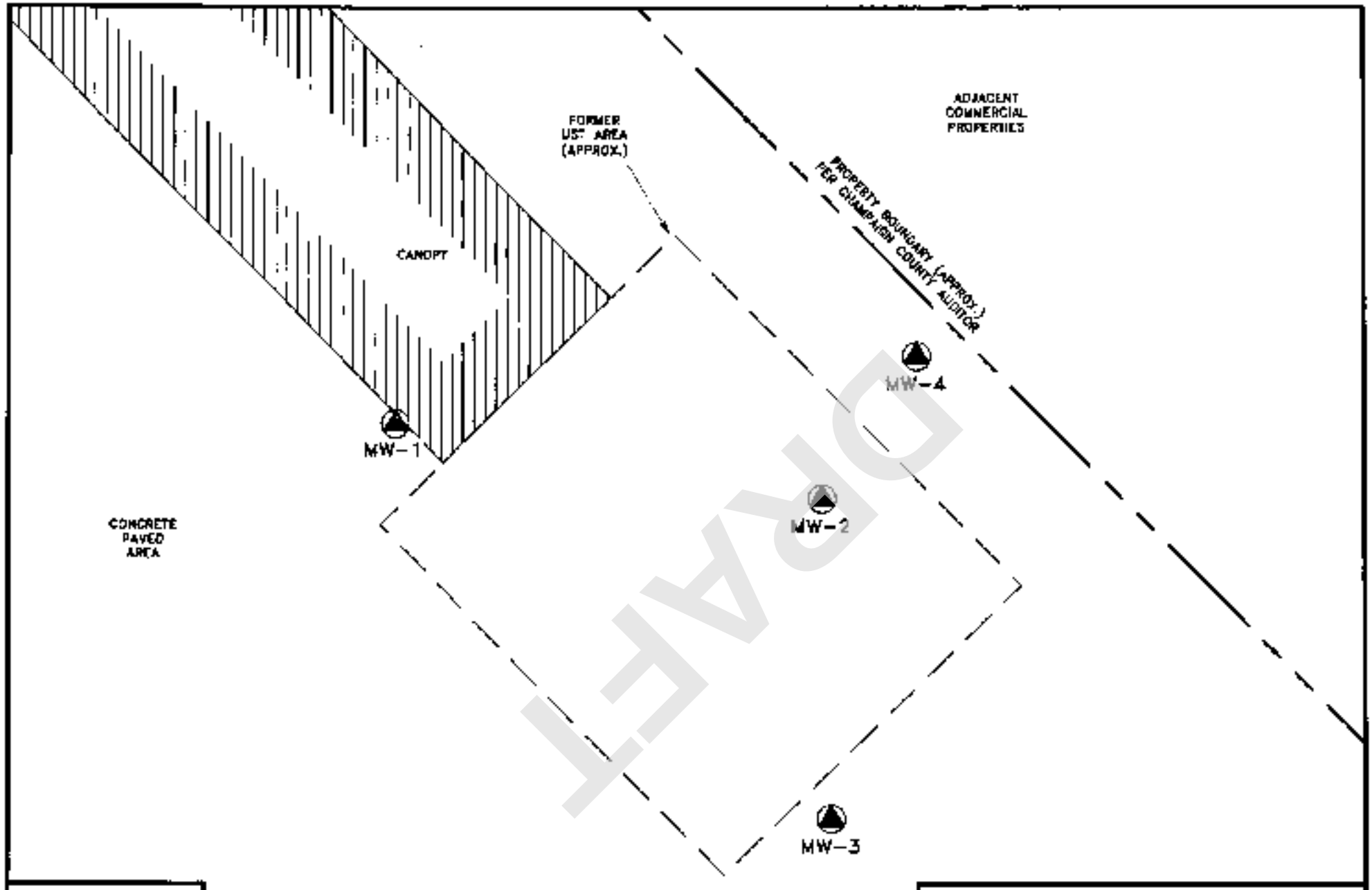
SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 2 – SITE MAP

DATE: JANUARY 22, 2015

SCALE: 1" = 100'



NORTH

SYMBOL KEY

MONITORING WELL LOCATION

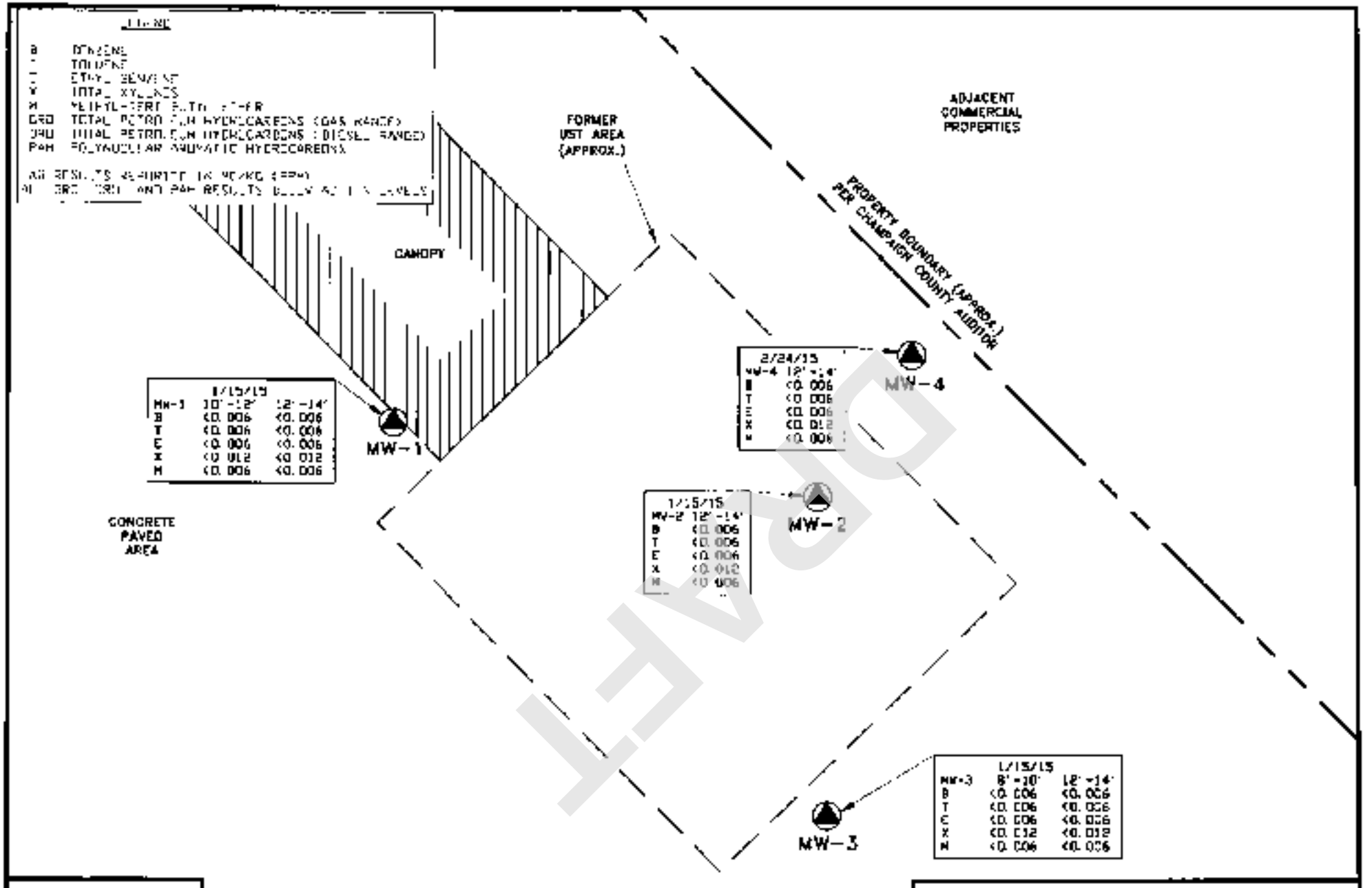
SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 3 - SITE PLAN

DATE: MARCH 23, 2015

SCALE: 1" = 15'



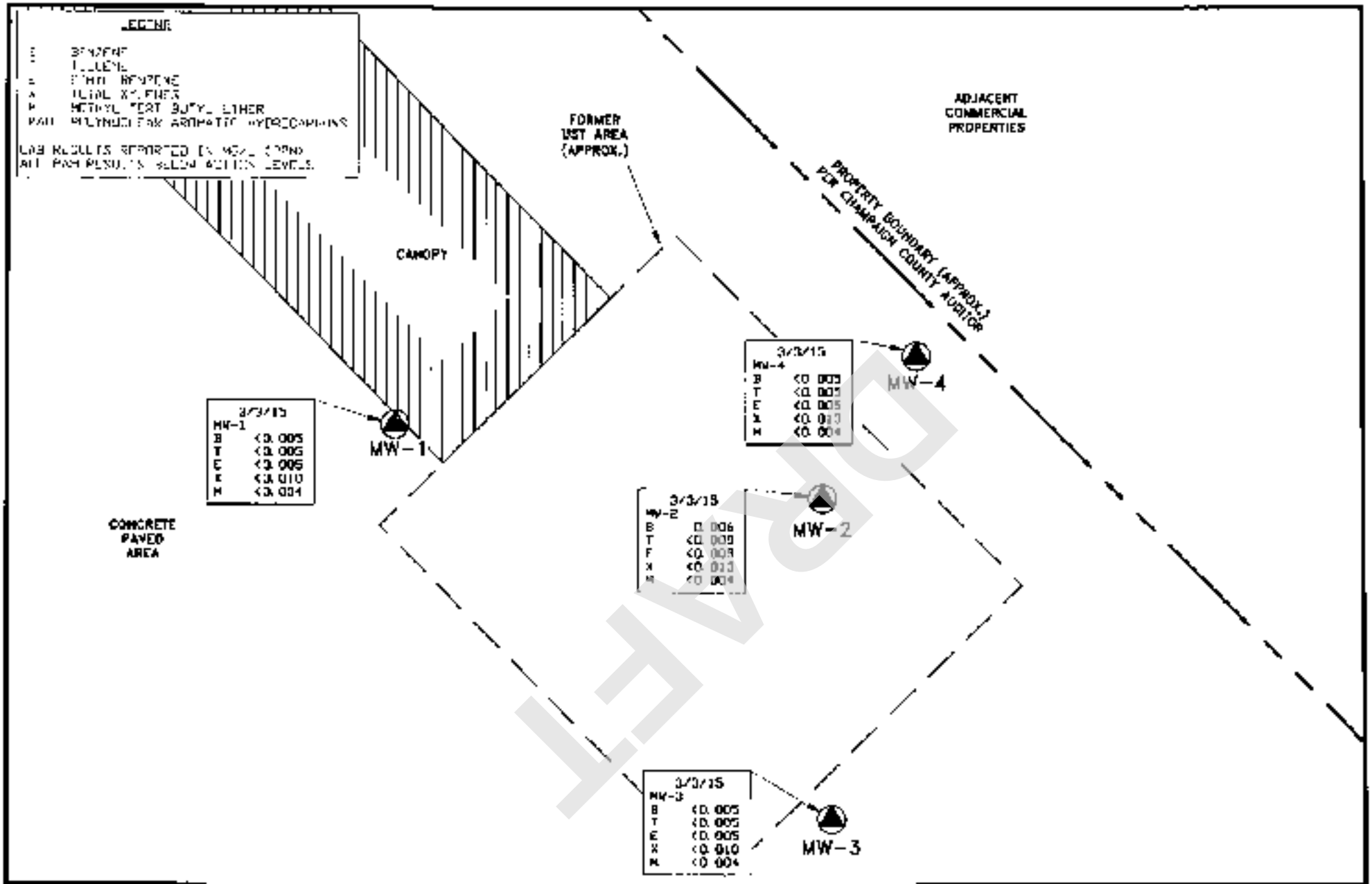
SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 4 – SOIL ANALYTICAL RESULTS

DATE: MARCH 23, 2015

SCALE: 1" = 15'



SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 5 - GROUNDWATER ANALYTICAL RESULTS

DATE: MARCH 23, 2015

SCALE: 1" = 15'

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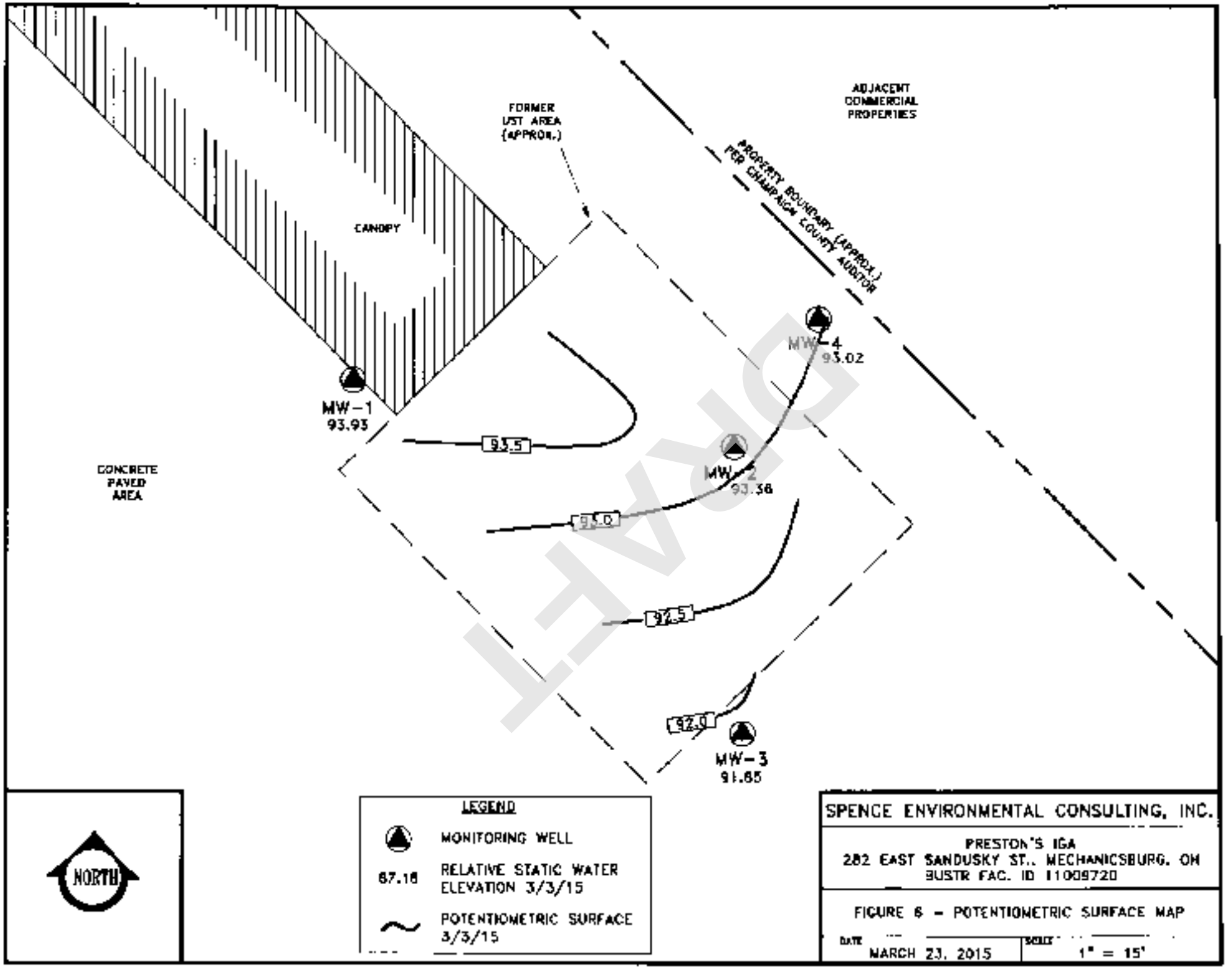

SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

FIGURE 6 – POTENTIOMETRIC SURFACE MAP

DATE: MARCH 23, 2015

SCALE: 1" = 15'

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Appendix C

Monitoring Well Drilling and Construction Logs

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SEC, Inc.

SPENCE Environmental Consulting, Inc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-1

Client:	Park National Bank	Depth of Boring:	~20 ft.
Location:	282 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground:	99.89 Ft.
County:	Champaign Twp:	Section:	
Date Drilled:	1/15/2015 By: T. Thrush		
Drilling Method:	Geoprobe 6600 DT		
Drilling Company:	EnviroCorp LLC		

Well:	19.02 ft.		
Top of Casing:	99.70 ft.		
Materials-Riser:	PVC	Screen/Slot:	PVC/0.01-inch
Well Diameter:	1-inch	Cover/Cap:	Steel/Pressure
Water Elevation/Date:	14 ft.	85.89 ft. (rel.)	1/15/2015
Water Elevation/Date:	5.95 ft.	93.75 ft. (rel.)	1/21/2015

Well Counts	Recovery (inches)	Field Screening	Sample Interval	Depth (feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 99.89
	32	0.2			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	TOC 99.70
		0.2						
		0.7		5			Bentonite Grout	5
	36	23						
		0.5		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14 ft.		10
	36	1.2*						
		1.0*					No. 2 Sand	
	38	0.7		15			85.89	15
		0.3						
	38	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
				20				BOB 79.89 20
						Bottom of Boring -20 ft.		
				25				25
				30				30

* Indicates sample submitted for lab analysis.

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SPENCE Environmental Consulting, Inc.

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-2

Client	Park National Bank	Depth of Boring	~20 ft.
Location	282 East Sandusky Street, Mechanicsburg, OH	Elevations-Ground	99.00 ft.
County	Champaign Twp.	Materials-Riser	PVC
Date Drilled	1/15/2015 By T. Through	Well Diameter	2 inch
Drilling Method	Geoprobe 6620 DT	Water Elevation/Date ▽	14 ft. 85.00 ft (msl) 1/15/2015
Drilling Company	Environcore LLC	Water Elevation/Date ▼	5.14 ft. 93.86 ft. (msl) 3/3/2015

Well	18.91 ft	Top of Casing	98.50 ft.
Screen/Slots	PVC/0.01-inch		
Cover/Cap	Steel/Pressure		

Blow Counts	Recovery (Inches)	Field Screening	Sampler (Interval)	Depth (Feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 99.00'
	PB	CA					Concrete	98.50'
		CA						
		0.0		5		FILL Brown Sand and Grave, (FILL), moist - loose	Bentonite Grout	5 94.00'
	22	0.0						
		0.0						
	34	0.0		10				10 89.00'
		0.0			CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff		
		0.0				Saturated at 14 ft.	No. 1 Sand	
	38	0.0		15			▽ 85.00'	15 84.00'
		0.0						
	36	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
		0.0		20				20 79.00'
						Bottom of Boring ~20 ft.		
				25				25
				30				30

HA Indicates sample recovered via hand auger.

* Indicates sample submitted for lab analysis.

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SPENCE Environmental Consulting, Inc.

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-3

Client:	Park National Bank	Depth of Boring:	~20 Ft.
Location:	202 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground:	97.42 Ft.
County:	Champaign Twp: Section:	Material-Riser:	PVC
Date Drilled:	1/15/2015 By: T. Thrush	Well Diameter:	2-inch
Drilling Method:	Geoprobe 6600 DT	Water Elevation/Date: ▽	14.5 Ft. 82.92 ft. (msl.) 1/15/2015
Drilling Company:	EnviroCore LLC	Water Elevation/Date: ▼	5.17 Ft. 91.85 Ft. (msl.) 3/3/2015

Blow Counts	Recovery (Inches)	Pen. Resistance	Sample Interval	Depth (Feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Elevation (msl.)
								Ground 97.42'
	36	0.0			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	TOC 97.02'
		0.4						
	32	0.0		5			Bentonite Grout	
		0.1						
	36	0.5H		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14.5 ft.		10 TOS 86.92'
		0.3						
		0.3H						
	40	0.2		15			#2 92.92' No. 2 Sand	15
		0.1						
	38	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
				20		Bottom of Boring ~20 Ft		20 BOS 76.92'
				25				25
				30				30

HA Indicates sample recovered via hand auger.

* Indicates sample submitted For lab analysis.

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SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-4

Client	Park National Bank	Depth of Boring	~20.0 ft. well 20.16 ft
Location	282 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground	98.06 ft top of Casing 98.35 ft.
County	Champaign Twp Section	Materials-Riser	PVC Screen/Slots PVC/0.01-inch
Date Drilled	2/24/2015 By: T. Thrush	Well Diameter	2-inch Cover/Top: Steel/Pressure
Drilling Method	Geoprobe 6600 DT	Water Elevation/Date ▽	13.5 ft. 85.56 ft. (rel.) 2/24/2015
Drilling Company	EnviroCore L.L.C	Water Elevation/Date ▼	5.33 ft. 93.02 ft. (rel.) 3/3/2015

Box Counts	Recovery (Inches)	Flame Screening	Sample Interval	Depth (Feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 98.06' TOC 98.35'
	HA	0.0			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	
		0.0		5			Bentonite Grout	5
	36	0.0						SWL 93.02'
		0.0			CL	Brown sandy LEAN CLAY w/silt and trace grave.. moist medium stiff		
		0.0		10		Saturated at 13.5 ft.		10 TOS 88.39'
	30	0.0						
		0.0					▽ 85.56'	
	30	0.0		15			No. 2 Sand	15
		0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
	30	0.0		20				20 BOS 78.19'
						Bottom of Boring -20 ft.		
				25				25
				30				30

HA Indicates sample recovered via hand auger.

■ Indicates sample submitted for lab analysis.

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[redacted] APPENDIX D [redacted]

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Appendix D

BUSTR Soil Classification Form

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Department of Commerce

SOIL CLASSIFICATION FORM 2012

REPORT DATE: March **, 2015 FACILITY ID#: 110097720

Major Divisions			Letter Symbol	Typical Description	Soil Class
Coarse Grained Soils More than 50% of material is retained on #200 Sieve	Gravel and Gravelly Soils More than 50% of Coarse Fraction Retained on No. 4 Sieve	Clean Gravels (Little or No Fines)	GW	Well-Graded Gravels, Gravel-Sand Mixtures, Little or No Fines	Class 1
			GP	Poorly-Graded Gravels, Gravel-Sand Mixtures, Little or No Fines	
		Gravels with Fines (Appreciable Amount of Fines)	GM	Silty Gravels, Gravel-Sand-Silt Mixtures	
			GC	Clayey Gravels, Gravel-Sand Clay Mixtures	
	Sand and Sandy Soils More than 50% of Coarse Fraction Passes thru No. 4 Sieve	Clean Sand (Little or No Fines)	SW	Well-Graded Sands, Gravelly Sands, Little or No Fines	
			SP	Poorly-Graded Sands, Gravelly Sands, Little or No Fines	
		Sands with Fines (Appreciable Amount of Fines)	SM	Silty-Sands, Sand-Silt Mixtures	
			SC	Clayey Sands, Sand-Clay Mixtures	Class 2
Fine Grained Soils More than 50% of material passes thru #200 Sieve	Silts and Clays Liquid Limit<50		ML	Inorganic Silt and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sand or Clayey Silts with Slight Plasticity	
			CL	Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	
			OL	Organic Silts and Organic Silty Clays of Low Plasticity	
	Silts and Clays Liquid Limit>50		MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Soil	
			CH	Inorganic Clays of High Plasticity, Fat Clays	Class 3
			OH	Organic Clays of Medium to Plasticity, Organic Silts	
Highly Organic Soils			PT	Peat, Humus, Swamp Soil with High Organic Contents	

PATHWAY:	Soil to Indoor Air	Gw to Indoor Air	Soil to DW Leaching	Soil to Non-DW Leaching
SYMBOL:	CL	CL	CL	CL

SITE ADDRESS: 282 East Sandusky Street, Mechanicsburg, Ohio 43044

I certify that I have inspected the soils at the above location and am qualified to make the determinations presented:

SIGNATURE:

PRINT NAME: Tony Thrush DATE: 2/24/15

TITLE/COMPANY: Environmental Technician, Spence Environmental Consulting, Inc.

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Appendix E

Groundwater Sampling Form

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GROUNDWATER MONITORING FIELD OBSERVATIONS

	MONITORING OBSERVATIONS							PURGING OBSERVATIONS							SAMPLING OBSERVATIONS			
WELL ID	DATE/ TIME	WELL DIA (IN)	PRODUCT DEPTH (FT)	SWL ACTUAL (FT)	PW CO	TOTAL DEPTH (FT)	CW COL LENGTH (FT)	REQ GALS PURGE (3x VOL)	AMOUNT PURGED (GAL)	RECHARGE RATE (DRY SLOW, RAPID)	COLOR	TURB (CLEAR, LO) (MED, HI)	ODOR	OTHER (TEMP/COND)	TIME	CONTAINERS	# OF FILTERS	VOLUME FILTERED (ml)
1	03/03/15	1	NA	5.77	NA	19.62	13.25	1.99	2.00	Rapid	Clear	Clear	None	NA	11:13	2 VOA	NA	NA
																1 L		
2	03/03/15	2	NA	5.14	NA	18.91	13.77	8.61	9.00	Rapid	Lt. Br	Lo/	None	NA	11:54	2 VOA	NA	NA
												Med				1 L		
3	03/03/15	2	NA	6.17	NA	20.19	15.02	7.21	8.00	Rapid	Clear/	Lo	None	NA	10:21	2 VOA	NA	NA
											Lt. Br.					1 L		
4	03/03/15	2	NA	5.35	NA	20.16	14.83	7.12	7.50	Rapid	Clear/	Lo	None	NA	10:38	2 VOA	NA	NA
											Lt. Br.					1 L		

WEATHER CONDITIONS

Temperature 29 F

Last Rainfall Date & Amount 03/02/15

EQUIPMENT & SUPPLIES USED

2" pump	Drum/bin
YSI/ORP Probe	Solinst Probe
0.75" Disp Bailers	1.25" Disp Bailers
Polyvinyl Tubing	Teflon Tubing
Peristaltic Pump	

DIA (IN)	GAL PER FT	DIA (IN)	GAL PER FT
1	0.04	3	0.37
1.25	0.06	4	0.65
1.5	0.09	6	1.47
2	0.16	8	2.61

TIMES 3 WELL VOLUMES

LABORATORY(IES): Anamar Labs Courier UPS Tracking

Courier Tracking

DISPOSAL - STORAGE

Drums # Soil # Water # Full: Other

FIELD STAFF TJT

PREPARED BY TJT DATE 3/3/2015

CLIENT: Park National Bank

pg Park-06(14) PGS 1 of 1

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Appendix F

Analytical Testing Reports, Chain-of-Custody Forms, & BUSTR QA/QC

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(317)228-3100

March 06, 2015

Jeff Bood
Spence Environmental
70 West Columbus St.
Pickerington, OH 43147

RE Project: Park - 06 (14)
Pace Project No: 50113217

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on February 25, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

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REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Park - 06 ('14)
Pace Project No.: 50113247

Indiana Certification IDs
7726 Moller Road Indianapolis IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10177/ E-10247
Kentucky UST Certification #: 0042
Kentucky WW Certification #: 98019
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-05340
Texas Certification #: T104704355-15-9
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-15-00129

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(317)228-3100

SAMPLE SUMMARY

Project: Park - 08 (14)
Pace Project No.: 50113217

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50113217001	MW-4 (12-14)	Solid	02/24/15 12:52	02/25/15 12:30

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SAMPLE ANALYTE COUNT

Project: Park - 05 (14)
Pace Project No.: 50113217

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50113217001	MW-4 (12-14)	EPA 8015 Mod Ext	KAV	3
		EPA 8015 Mod Pur	PTH	2
		EPA 8270 by SIM	JCM	10
		EPA 8260	JLZ	8
		ASTM D2974-87	SCM	1

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ANALYTICAL RESULTS

Project: Park - 08 (14)
Pace Project No. 50113217

Sample: MW-4 (12-14) Lab ID: 50113217001 Collected: 02/24/15 12:52 Received: 02/25/15 12:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 TPH Ohio Microwave	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
Total Petroleum Hydrocarbons	ND	mg/kg	22.6	1	02/26/15 13:00	02/27/15 18:50		
TPH (C10-C20)	22.0	mg/kg	11.3	1	02/26/15 13:00	02/27/15 18:50		
Surrogates								
n-Pentacosane (S)	93	%	30-153	1	02/26/15 13:00	02/27/15 18:50	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
TPH (C05-C12)	ND	mg/kg	1.1	1		02/26/15 20:18		
Surrogates								
4-Bromofluorobenzene (S)	77	%	39-163	1		02/26/15 20:18	460-00-4	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	207-08-9	
Chrysene	11.9	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	193-39-5	
Naphthalene	7.8	ug/kg	5.6	1	03/02/15 11:20	03/02/15 22:49	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	75	%	38-110	1	03/02/15 11:20	03/02/15 22:49	321-60-8	
p-Terphenyl-d14 (S)	79	%	32-111	1	03/02/15 11:20	03/02/15 22:49	1718-51-0	
8260 MSV UST Low Level	Analytical Method: EPA 8260							
Benzene	ND	ug/kg	5.7	1		03/04/15 22:05	71-43-2	
Ethylbenzene	ND	ug/kg	5.7	1		03/04/15 22:05	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		03/04/15 22:05	1634-04-4	
Toluene	ND	ug/kg	5.7	1		03/04/15 22:05	108-88-3	
Xylene (Total)	ND	ug/kg	11.3	1		03/04/15 22:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	85-118	1		03/04/15 22:05	1868-53-7	
Toluene-d8 (S)	124	%	71-128	1		03/04/15 22:05	2037-26-5	
4-Bromofluorobenzene (S)	72	%	56-144	1		03/04/15 22:05	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-97							
Percent Moisture	11.6	%	0.10	1		02/26/15 10:01		

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QUALITY CONTROL DATA

Project: Park - DR (14)
Pace Project No.: 50113217

QC Batch: GCV/18987
QC Batch Method: EPA 8015 Mod Pur
Associated Lab Samples: 50113217201

Analysis Method: EPA 8015 Mod Pur
Analysis Description: 8015 Solid GCV

METHOD BLANK: 1243839
Matrix: Solid
Associated Lab Samples: 50113217201

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH (C06-C12)	mg/kg	ND	1.0	02/26/15 12:26	
4-Bromofluorobenzene (S)	%	97	38-163	02/26/15 12:26	

LABORATORY CONTROL SAMPLE: 1243840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH (C06-C12)	mg/kg	10	10.1	101	76-139	
4-Bromofluorobenzene (S)	%			112	38-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1243841 1243842

Parameter	Units	50113229004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec.	MSD % Rec.	% Rec Limits	RPD	Max RPD	Qual
TPH (C06-C12)	mg/kg	ND	11.4	11.4	11.0	11.5	96	100	10-151	4	20	
4-Bromofluorobenzene (S)	%						95	87	38-163			

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QUALITY CONTROL DATA

Project: Fort - (K (14)
Pace Project No.: 50113217

QC Batch: MSV/74111
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST Low Level
Associated Lab Samples: 50113217001

METHOD BLANK: 1246820
Matrix: Solid
Associated Lab Samples: 50113217001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	03/04/15 13:45	
Ethylbenzene	ug/kg	ND	5.0	03/04/15 13:45	
Methyl-tert-butyl ether	ug/kg	ND	5.0	03/04/15 13:45	
Toluene	ug/kg	ND	5.0	03/04/15 13:45	
Xylene (Total)	ug/kg	ND	10.0	03/04/15 13:45	
4-Bromofluorobenzene (S)	%	89	55-144	03/04/15 13:45	
Dibromofluoromethane (S)	%	95	85-118	03/04/15 13:45	
Toluene-d8 (S)	%	94	71-128	03/04/15 13:45	

LABORATORY CONTROL SAMPLE: 1246821

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	54.3	108	74-119	
Ethylbenzene	ug/kg	50	54.2	108	72-123	
Methyl-tert-butyl ether	ug/kg	100	109	108	68-120	
Toluene	ug/kg	50	52.3	105	71-121	
Xylene (Total)	ug/kg	150	160	106	68-124	
4-Bromofluorobenzene (S)	%			97	55-144	
Dibromofluoromethane (S)	%			96	85-118	
Toluene-d8 (S)	%			98	71-128	

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QUALITY CONTROL DATA

Project: Park - 36 (14)
Pace Project No.: 50113217

QC Batch: OEXT/38479 — Analysis Method: EPA 8015 Mod Ext
QC Batch Method: EPA 3546 — Analysis Description: EPA 8015 TPH Ohio
Associated Lab Samples: 50113217001

METHOD BLANK: 1243663 — Matrix: Solid
Associated Lab Samples: 50113217001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	ND	20.0	02/27/15 16:34	
TPH (C10-C28)	mg/kg	ND	10.0	02/27/15 16:34	
n-Pentacosane (S)	%	66	30-153	02/27/15 16:34	

LABORATORY CONTROL SAMPLE: 1243664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	833	599	72	43-98	
n-Pentacosane (S)	%			72	30-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1243665 — 1243666

Parameter	Units	50113139001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Petroleum Hydrocarbons	mg/kg	ND	87.1	86.5	76.3	61.7	87	64	10-156	3	20	
n-Pentacosane (S)	%						77	61	30-153			

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QUALITY CONTROL DATA

Project: Park - 36 (14)
Pace Project No.: 50113217

QC Batch: OEXT/38511 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 50113217001

METHOD BLANK: 1245139 — Matrix: Solid
Associated Lab Samples: 50113217001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	03/02/15 16:51	
Benzo(a)pyrene	ug/kg	ND	5.0	03/02/15 16:51	
Benzo(b)fluoranthene	ug/kg	ND	5.0	03/02/15 16:51	
Benzo(k)fluoranthene	ug/kg	ND	5.0	03/02/15 16:51	
Chrysene	ug/kg	ND	5.0	03/02/15 16:51	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	03/02/15 16:51	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	03/02/15 16:51	
Naphthalene	ug/kg	ND	5.0	03/02/15 16:51	
2-Fluorobiphenyl (S)	%	80	38-110	03/02/15 16:51	
p-Terphenyl-d14 (S)	%	83	32-111	03/02/15 16:51	

LABORATORY CONTROL SAMPLE: 1245140

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	324	97	43-124	
Benzo(a)pyrene	ug/kg	333	341	102	44-124	
Benzo(b)fluoranthene	ug/kg	333	372	112	44-123	
Benzo(k)fluoranthene	ug/kg	333	306	92	42-122	
Chrysene	ug/kg	333	339	102	44-124	
Dibenz(a,h)anthracene	ug/kg	333	332	100	44-119	
Indeno(1,2,3-cd)pyrene	ug/kg	333	332	100	44-119	
Naphthalene	ug/kg	333	276	83	42-103	
2-Fluorobiphenyl (S)	%			92	38-110	
p-Terphenyl-d14 (S)	%			98	32-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1245141 — 1245142

Parameter	Units	50113139001 Result	MS Spike Conc.	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)anthracene	ug/kg	ND	349	346	344	345	98	100	23-124	0	20	
Benzo(a)pyrene	ug/kg	ND	349	346	339	335	97	97	23-122	1	20	
Benzo(b)fluoranthene	ug/kg	ND	349	346	357	349	102	101	24-117	2	20	
Benzo(k)fluoranthene	ug/kg	ND	349	346	323	315	92	91	14-123	2	20	
Chrysene	ug/kg	ND	349	346	348	351	99	102	22-124	1	20	
Dibenz(a,h)anthracene	ug/kg	ND	349	346	340	332	97	96	26-113	2	20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	349	346	332	321	95	93	15-121	3	20	
Naphthalene	ug/kg	ND	349	346	289	291	83	84	15-125	0	20	
2-Fluorobiphenyl (S)	%						82	80	38-110			

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REPORT OF LABORATORY ANALYSIS

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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)220-3100

QUALITY CONTROL DATA

Project: Park - DE (14)
Pace Project No: 50113217

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1245141 1245142

Parameter	Units	50113139001 Result	MS Spike Conc	MSD Spike Conc	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
p-Terphenyl-d14 (S)	%.						93	93	52-111			

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QUALITY CONTROL DATA

Project: Park - 06 (14)
Pace Project No: 50113217

QC Batch: PMST/10084
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 50113217001

SAMPLE DUPLICATE: 1243521

Parameter	Units	50113119005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	15.9	0	5	

SAMPLE DUPLICATE: 1243522

Parameter	Units	50113216010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	11.5	10	5	R1

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QUALIFIERS

Project: Park - D6 (14)
Pace Project No: 92113217

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park - GE (14)
Pace Project No: 60113217

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60113217001	MW-4 (12-14)	EPA 3545	OEXT/38475	EPA 8015 Mod Ext	GCSV/14479
60113217001	MW-4 (12-14)	EPA 8015 Mod Prp	GCV/19987		
60113217001	MW-4 (12-14)	EPA 3545	OEXT/38511	EPA 8270 by SIM	MSSV/17345
60113217001	MW-4 (12-14)	EPA 8260	MSV/74111		
60113217001	MW-4 (12-14)	ASTM D2974-87	PMST/10364		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1705779

Section A Required Client Information:

Company: Spectra Environmental
Address: 70 W. Columbus St.
Pickerington, OH 43147
Email To: JeffB@SpectraEnv.com
Phone: 614-837-4755 Fax: 614-837-4755
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Jeff Bond
Copy To:
Purchase Order No:
Project Name: Park-05 (14)
Project Number: Park-05 (14)

Section C Invoice Information:

Attention: Jeff Bond
Company Name: Spectra Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	DATE	TIME	SAMPLED TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test ↓	BTEX/MTBE (8260)	PAH (8270)	TPH (GRO) (8015)	TPH (DRO) (8015)	Residual Chlorine (Y/N)	Pace Project No / Lab I.D
1	MW-4 (12-14')	SL	G			2-24-15	12:55		2								X		X	X	X	X		001
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

Matrix Codes — MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Pace Lab ID: 50	SEC.	2-25-15			2/15/15	10:30	2.1	Y	N	Y
					2-25-15	1430	2.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tim Thrush

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 2-24-15

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

HOLD

Sample Condition Upon Receipt

Pace Analytical

Client Name: Spence Environmental | Project # 50 H3217

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other ____

Tracking #: ____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Date/Time 5035A kits placed in freezer: ____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other ____

Thermometer Used: 1 2 3 4 5 (A) B C D E Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 2.1 °C Ice Visible in Sample Containers: ☐ yes ☒ no

Temp should be above freezing to 6°C

Date and initials of person examining contents: 3-25-15 MD

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	6.
Containers Intact:	☒Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☒Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? preservation: VOA, coliform, TOC, O&G	☐Yes ☐No ☒N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.		
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	10.
Trip Blank Present:	☐Yes ☒No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes ☒No ☐N/A	
Pace Trip Blank Lot #:		
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	12.
Sufficient Volume:	☒Yes ☐No ☐N/A	13.
Correct Containers Used:	☒Yes ☐No ☐N/A	14.

Client Notification/ Resolution: Field Data Required? Y (N)

Person Contacted: ____ Date/Time: ____

Comments/ Resolution: ____

Project Manager Review: ____ Date: 3/26/15

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Form F-IN-Q-290-rev.05, 10Sep2013

Sample Container Count

Pace Analytical

CLIENT: Spence Environmental

COC PAGE 1 of 1

COC IDs

Project # 5011317

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4 / 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH >12	Comments
1		2																		
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeCH clear vial	ZPLC	Ziploc Bag

DRAFT

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: March 6, 2015 FACILITY ID#: _____

SOIL 3247

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	Ice		
List the cooler temperature upon receipt:	2.1 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☐	NA ☒
Were the soil sample containers filled?	Yes ☒	No ☐	NA ☐
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☒	No ☐
Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, % recovery, or % RSD? If so, list sample IDs: 1243522	Yes ☒	No ☐
Were there any data qualifiers noted by the lab? If so, list sample IDs: 1243522	Yes ☒	No ☐

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company?	Yes ☐	No ☒			
Check lab certification that applies.	☐ Ohio EPA DDAGW	☒ Ohio EPA VAP	☒ NELAP	☐ A2LA	☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title:	Signature	Date
Joyce Sampain, Project Manager, Pace Analytical	Joyce Sampain	3/6/15

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March 11, 2015

Jeff Bood
Spence Environmental
70 West Columbus St.
Pickerington, OH 43147

RE: Project: Park - 06 (14)
Pace Project No 50113506

DRAFT

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on March 04, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report

If you have any questions concerning this report, please feel free to contact me

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Park - 06 (14)
Pace Project No.: 50110606

Indiana Certification IDs
7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10177/ E-10247
Kentucky UST Certification #: 0042
Kentucky WW Certification #:98019
Louisiana/NELAP Certification #: 04076
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2014-148
Pennsylvania Certification #: 68-05340
Texas Certification #: T104704355-15-9
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-10-00128

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SAMPLE SUMMARY

Project: Park - OE 114)
Pace Project No.: 50113606

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50113606001	MW-1	Water	03/03/15 11:13	03/04/15 11:35
50113606002	MW-2	Water	03/03/15 11:54	03/04/15 11:35
50113606003	MW-3	Water	03/03/15 11:21	03/04/15 11:35
50113606004	MW-4	Water	03/03/15 11:36	03/04/15 11:35

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SAMPLE ANALYTE COUNT

Project: Parc - (Ib (14)
Pace Project No. 50113609

Lab ID	Sample ID	Method	Analysis	Analytes Reported
50113606001	MW-1	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	ALA	6
50113606002	MW-2	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	ALA	6
50113606003	MW-3	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	ALA	6
50113606004	MW-4	EPA 8270 by SIM LVE	TBP	10
		EPA 8260	ALA	6

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ANALYTICAL RESULTS

Project: Park DG (14)
Pace Project No. 50113606

Sample: MW-1 Lab ID: 50113606001 Collected: 03/03/15 11:13 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	207-08-9	
Chrysene	ND	ug/L	0.50	1	03/05/15 14:03	03/06/15 12:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 12:44	193-39-5	
Naphthalene	ND	ug/L	1.0	1	03/05/15 14:03	03/06/15 12:44	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	82	%	21-114	1	03/05/15 14:03	03/06/15 12:44	321-60-8	
p-Terphenyl-d14 (S)	93	%	25-131	1	03/05/15 14:03	03/06/15 12:44	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		03/06/15 20:58	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		03/06/15 20:58	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		03/06/15 20:58	1634-04-4	
Toluene	ND	ug/L	5.0	1		03/06/15 20:58	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		03/06/15 20:58	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	123	%	76-116	1		03/06/15 20:58	1868-53-7	S0
Toluene-d8 (S)	91	%	81-110	1		03/06/15 20:58	2037-26-5	
4-Bromofluorobenzene (S)	96	%	86-114	1		03/06/15 20:58	460-00-4	

Sample: MW-2 Lab ID: 50113606002 Collected: 03/03/15 11:54 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	207-08-9	
Chrysene	ND	ug/L	0.50	1	03/05/15 14:03	03/06/15 13:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:32	193-39-5	
Naphthalene	ND	ug/L	1.0	1	03/05/15 14:03	03/06/15 13:32	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77	%	21-114	1	03/05/15 14:03	03/06/15 13:32	321-60-8	
p-Terphenyl-d14 (S)	74	%	25-131	1	03/05/15 14:03	03/06/15 13:32	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	6.4	ug/L	5.0	1		03/10/15 09:15	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		03/10/15 09:15	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		03/10/15 09:15	1634-04-4	
Toluene	ND	ug/L	5.0	1		03/10/15 09:15	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		03/10/15 09:15	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Park - 06 (14)
Pace Project No.: 50113605

Sample: MW-2 Lab ID: 50113605002 Collected: 03/03/15 11:54 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260							
Surrogates								
Dibromofluoromethane (S)	103	%.	79-116	1		03/10/15 09:15	1868-53-7	
Toluene-d8 (S)	96	%.	81-110	1		03/10/15 09:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	80-114	1		03/10/15 09:15	460-00-4	

Sample: MW-3 Lab ID: 50113605003 Collected: 03/03/15 11:21 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	207-08-9	
Chrysene	ND	ug/L	0.50	1	03/05/15 14:03	03/06/15 13:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:19	193-39-5	
Naphthalene	ND	ug/L	1.0	1	03/05/15 14:03	03/06/15 13:19	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	78	%.	21-114	1	03/05/15 14:03	03/06/15 13:19	321-60-8	
p-Terphenyl-d14 (S)	77	%.	25-131	1	03/05/15 14:03	03/06/15 13:19	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		03/06/15 21:52	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		03/06/15 21:52	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		03/06/15 21:52	1634-04-4	
Toluene	ND	ug/L	5.0	1		03/06/15 21:52	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		03/06/15 21:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	110	%	79-116	1		03/06/15 21:52	1868-53-7	S3
Toluene-d8 (S)	93	%	81-110	1		03/06/15 21:52	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	80-114	1		03/06/15 21:52	460-00-4	

Sample: MW-4 Lab ID: 50113605004 Collected: 03/03/15 11:35 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	207-08-9	
Chrysene	ND	ug/L	0.50	1	03/05/15 14:03	03/06/15 13:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	03/05/15 14:03	03/06/15 13:37	193-39-5	

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(317)226-5100

ANALYTICAL RESULTS

Project: Park - 06 (14)
Pace Project No.: 50113505

Sample: MW-4 Lab ID: 50113505004 Collected: 03/03/15 11:35 Received: 03/04/15 11:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH LV	Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510							
Naphthalene	ND	ug/L	1.0	1	03/05/15 14:03	03/06/15 13:37	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	82	%.	21-114	1	03/05/15 14:03	03/06/15 13:37	321-60-8	
p-Terphenyl-d14 (S)	82	%.	26-101	1	03/05/15 14:03	03/06/15 13:37	1718-51-0	
8260 MSV UST	Analytical Method: EPA 8260							
Benzene	ND	ug/L	5.0	1		03/06/15 22:20	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1		03/06/15 22:20	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		03/06/15 22:20	1634-04-4	
Toluene	ND	ug/L	5.0	1		03/06/15 22:20	108-88-3	
Xylene (Total)	ND	ug/L	10.0	1		03/06/15 22:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	121	%.	75-116	1		03/06/15 22:20	1868-53-7	S3
Toluene-d8 (S)	92	%.	81-110	1		03/06/15 22:20	2037-26-5	
4-Bromofluorobenzene (S)	97	%.	60-114	1		03/06/15 22:20	460-00-4	

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QUALITY CONTROL DATA

Project: Park 06 (14)
Pace Project No.: 50113606

QC Batch: MSV/7o178 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50113606001, 50113606003, 50113606004

METHOD BLANK: 1248372 — Matrix: Water
Associated Lab Samples: 50113606001, 50113606003, 50113606004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	03/06/15 13:38	
Ethylbenzene	ug/L	ND	5.0	03/06/15 13:38	
Methyl-tert-butyl ether	ug/L	ND	4.0	03/06/15 13:38	
Toluene	ug/L	ND	5.0	03/06/15 13:38	
Xylene (Total)	ug/L	ND	10.0	03/06/15 13:38	
4-Bromofluorobenzene (S)	%	103	80-114	03/06/15 13:38	
Dibromofluoromethane (S)	%	111	79-116	03/06/15 13:38	
Toluene-d8 (S)	%	97	81-110	03/06/15 13:38	

LABORATORY CONTROL SAMPLE: 1248373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	42.7	85	74-122	
Ethylbenzene	ug/L	50	42.9	86	66-133	
Methyl-tert-butyl ether	ug/L	100	94.3	94	69-122	
Toluene	ug/L	50	42.6	85	72-122	
Xylene (Total)	ug/L	150	120	80	70-124	
4-Bromofluorobenzene (S)	%			102	80-114	
Dibromofluoromethane (S)	%			103	79-116	
Toluene-d8 (S)	%			101	81-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1248374 — 1248375

Parameter	Units	50113563001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	44.4	46.4	89	93	67-129	4	20	
Ethylbenzene	ug/L	ND	50	50	39.5	41.9	79	84	28-152	6	20	
Methyl-tert-butyl ether	ug/L	ND	100	100	111	117	111	117	63-130	5	20	
Toluene	ug/L	ND	50	50	41.1	44.0	82	88	58-132	7	20	
Xylene (Total)	ug/L	ND	150	150	109	114	72	76	29-145	6	20	
4-Bromofluorobenzene (S)	%						99	98	80-114			
Dibromofluoromethane (S)	%						108	106	79-116			
Toluene-d8 (S)	%						99	101	81-110			

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Parr - OH (14)
Pace Project No. 50113606

QC Batch: MSV/74250 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 50113606002

METHOD BLANK: 1249646 Matrix: Water
Associated Lab Samples: 50113606002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	03/10/15 00:34	
Ethylbenzene	ug/L	ND	5.0	03/10/15 00:34	
Methyl-tert-butyl ether	ug/L	ND	4.0	03/10/15 00:34	
Toluene	ug/L	ND	5.0	03/10/15 00:34	
Xylene (Total)	ug/L	ND	10.0	03/10/15 00:34	
4-Bromofluorobenzene (S)	%.	100	80-111	03/10/15 00:34	
Dibromofluoromethane (S)	%.	103	79-115	03/10/15 00:34	
Toluene-d8 (S)	%	96	81-110	03/10/15 00:34	

LABORATORY CONTROL SAMPLE: 1249647

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.5	107	74-122	
Ethylbenzene	ug/L	50	54.9	110	66-133	
Methyl-tert-butyl ether	ug/L	100	106	106	69-127	
Toluene	ug/L	50	53.5	108	72-122	
Xylene (Total)	ug/L	150	167	111	70-124	
4-Bromofluorobenzene (S)	%.			99	80-114	
Dibromofluoromethane (S)	%.			92	79-115	
Toluene-d8 (S)	%.			104	81-110	

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Indianapolis IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Park - 06 (14)
Pace Project No.: 50113606

QC Batch: OEXT/33567 Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 50113606001, 50113606002, 50113606003, 50113606004

METHOD BLANK: 1247421 Matrix: Water
Associated Lab Samples: 50113606001, 50113606002, 50113606003, 50113606004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	03/05/15 09:29	
Benzo(a)pyrene	ug/L	ND	0.10	03/05/15 09:29	
Benzo(b)fluoranthene	ug/L	ND	0.10	03/05/15 09:29	
Benzo(k)fluoranthene	ug/L	ND	0.10	03/05/15 09:29	
Chrysene	ug/L	ND	0.50	03/05/15 09:29	
Dibenz(a,h)anthracene	ug/L	ND	0.10	03/05/15 09:29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	03/05/15 09:29	
Naphthalene	ug/L	ND	1.0	03/05/15 09:29	
2-Fluorobiphenyl (S)	%	73	21-114	03/05/15 09:29	
p-Terphenyl-d14 (S)	%	102	25-131	03/05/15 09:29	

LABORATORY CONTROL SAMPLE: 1247422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	10	100	51-134	
Benzo(a)pyrene	ug/L	10	8.8	88	48-141	
Benzo(b)fluoranthene	ug/L	10	8.6	86	49-139	
Benzo(k)fluoranthene	ug/L	10	8.2	82	48-140	
Chrysene	ug/L	10	6.8	68	53-136	
Dibenz(a,h)anthracene	ug/L	10	7.3	73	44-132	
Indeno(1,2,3-cd)pyrene	ug/L	10	7.7	77	45-132	
Naphthalene	ug/L	10	5.5	55	30-112	
2-Fluorobiphenyl (S)	%			93	21-114	
p-Terphenyl-d14 (S)	%			95	25-131	

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7726 Moller Road
Indianapolis, IN 46268
(317)220-3100

QUALIFIERS

Project: Park - D6 (14)
Pace Project No: 30113505

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unbounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute

ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park - D6 (14)
Pace Project No: 50113606

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50113606001	MW-1	EPA 3510	OEXT/38567	EPA 8270 by SIM LVE	MSSV/17376
50113606002	MW-2	EPA 3510	OEXT/38567	EPA 8270 by SIM LVE	MSSV/17376
50113606003	MW-3	EPA 3510	OEXT/38567	EPA 8270 by SIM LVE	MSSV/17376
50113606004	MW-4	EPA 3510	OEXT/38567	EPA 8270 by SIM LVE	MSSV/17376
50113606001	MW-1	EPA 8260	MSV/74176		
50113606002	MW-2	EPA 8260	MSV/74250		
50113606003	MW-3	EPA 8260	MSV/74176		
50113606004	MW-4	EPA 8260	MSV/74176		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1705782

Page 14 of 15

Section A — Required Client Information:

Company: Spence Environmental
Address: 70 W. Columbus St.
Packerington, OH 43147
Email To: Jeffe Spence Env. com
Phone: 614-837-4755 Fax: 614-837-4755
Requested Due Date/TAT: Standard

Section B — Required Project Information:

Report To: Jeff Bood
Copy To:
Purchase Order No.:
Project Name: Park - 06 (14)
Project Number: Park - 06 (14)

Section C — Invoice Information:

Attention: Jeff Bood
Company Name: Spence Environmental
Address: 70 W. Columbus St.
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9, /, -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLED (COMPOSITE END/GRAB) DATE	SAMPLED (COMPOSITE END/GRAB) TIME	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: BTEX (8260)	Analysis Test: PAH (8270)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	GW	G			3-3-15	11:13	4				X				X	X	X		01
2	MW-2	GW	G			3-3-15	11:54	4				X				X	X	X		02
3	MW-3	GW	G			3-3-15	11:21	4				X				X	X	X		03
4	MW-4	GW	G			3-3-15	11:36	4				X				X	X	X		04
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

50 113606

Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	ISEC	3-4-15	9:30AM	[signature]	3/4/15	9:30	2.5	Y	-	Y
				[signature]	3-4-15	11:35	2.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Trush

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-5-15

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-C-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical | Client Name: Spence Environmental | Project #: 5011360-6

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Date/Time 6015A was placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used: 1 2 3 4 5 6 7 8 C O E Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 2.5 °C Ice Visible in Sample Containers: ☐ yes ☒ no

Temp should be above freezing to 6°C

Date and initials of person examining contents: 3-4-15 MO

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	6.
Containers Intact:	☒Yes ☐No ☐N/A	7.
Sample Labels match COC: (Includes date/time/ID/Analysis)	☒Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? (exceptions: VOA, coliform, TOC, O&G, Phenolics)	☐Yes ☐No ☒N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation (<2 >9, >12) unless otherwise noted.		
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	10.
Trip Blank Present:	☐Yes ☒No ☐N/A	11.
Trip Blank Custody Seals Present	☐Yes ☒No ☐N/A	
Pace Trip Blank Lot # (if purchased):		
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	12.
Sufficient Volume:	☒Yes ☐No ☐N/A	13.
Correct Containers Used:	☒Yes ☐No ☐N/A	14.

Client Notification/Resolution: Field Data Required? Y / (N)

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MS Date: 3/5/15

DRAFT

Form F-IN-O-290-rev.05, 10Sep2013

Sample Container Count

Pace Analytical

CLIENT: Spence Environmental

COC PAGE 1 of 1

COC ID# _____

Project # 50113606

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH >12	Comments
1	2			2																
2	2			2																
3	2			2																
4	2			2																
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	Terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Colliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

Archived

Department of Commerce

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: March 11, 2015 FACILITY ID#: 5011360b

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sample name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	HCl		
List the cooler temperature upon receipt.	2.5 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☐	No ☐	NA ☒
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods?	Yes ☒	No ☐
If not, identify the other methods used:		
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☐	No ☒
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch		
Lab control samples	Yes ☒	No ☐
Method blanks	Yes ☒	No ☐
Matrix spikes	Yes ☒	No ☐
Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, % recovery, or %RSD? If so, list sample IDs: 5011360600l, 5011360600J, 5011360600J, 5011360600J	Yes ☒	No ☐
Were there any data qualifiers noted by the lab? If so, list sample IDs: 5011360600l, 5011360600J, 5011360600J, 5011360600J	Yes ☒	No ☐

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☐ No ☒

Check lab certification that applies: ☐ Ohio EPA DDGW ☒ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title:	Signature:	Date:
Joyce Sarapata, Project Manager, Pace Analytical	Joyce Sarapata	4/1/15

DRAFT

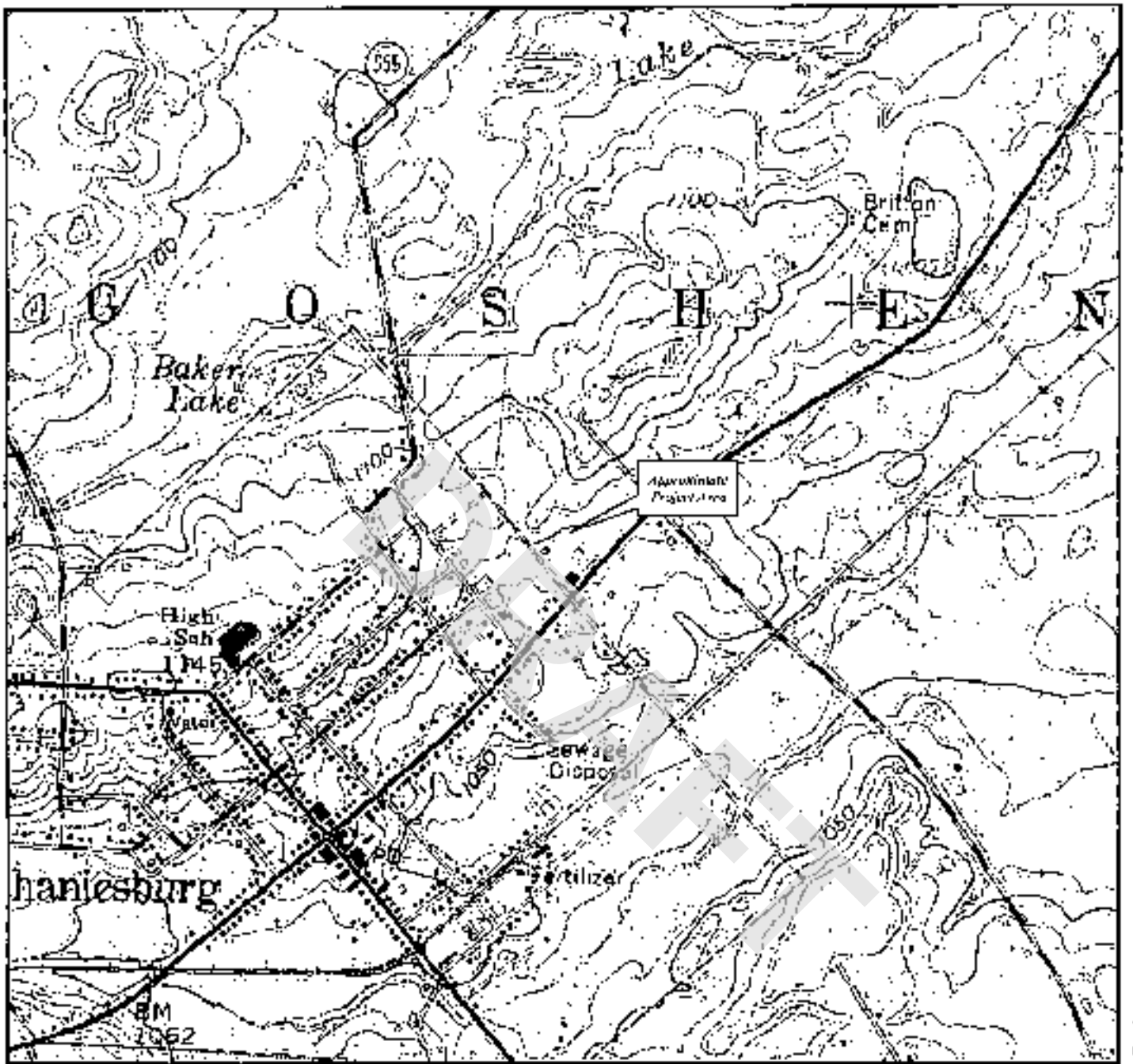
DRAFT

Appendix G

Drinking Water Evaluation Supporting Documentation

DRAFT

SEC, Inc.



Public Water System Wells, Intakes and Drinking Water Source Protection Areas and Sole Source Aquifers Near 282 East Sandusky Street Mechanicsburg, Champaign County

Scale
0 500 1,000 2,000 Feet
0 0.125 0.25 0.5 Miles

EXPLANATION

Sole Source Aquifer

Public Water System Well

Public Water System Intake

Drinking Water Source Protection Areas - Ground Water

Protection Area (Zone One + Zone Two + Zone Three)

Inner Management Zone (Zone One + 1 year time of travel)

Drinking Water Source Protection Areas - Surface Water

Corridor Management Zone

Emergency Management Zone

Zone of Critical Concern (Ohio River Systems only)

Critical Assessment Zone (Ohio River Systems only)

Potential Influence Zone (Ohio River Systems only)

Table of water system types as defined in Chapter 3745-81 of the Ohio Administrative Code, as mentioned below

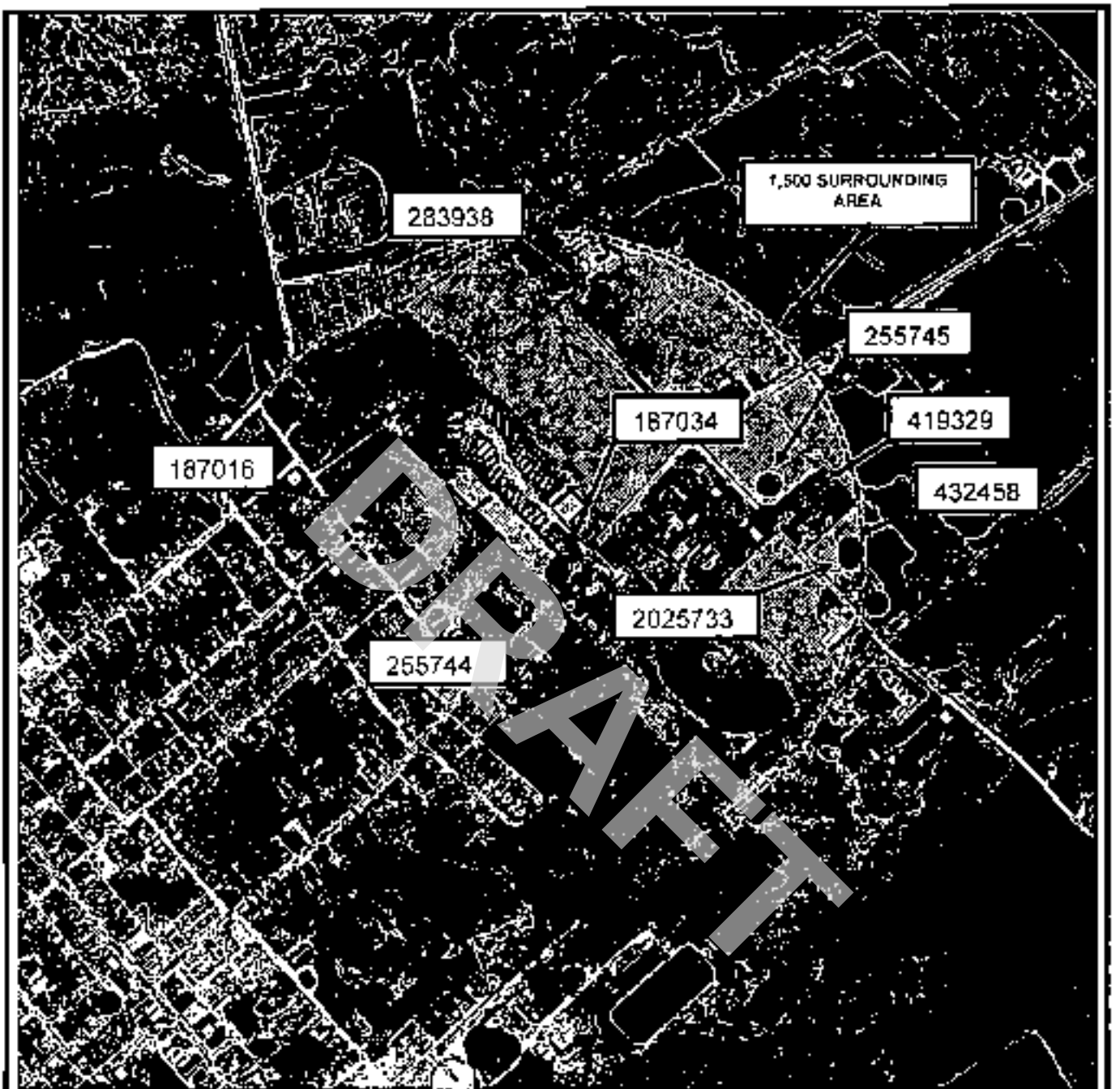
Community Water System | Non-Transient Non-Community Water System | Transient Non-Community Water System

USGS 7.5 Minute Quadrangle Topographic Map - Mechanicsburg (1960)

Source Compiled by: Tiffi Hood, Source Environmental Consulting, Inc.
Map created on February 3, 2015, by Greg Smith

Ohio EPA
Division of Drinking and Ground Waters

DRAFT



Source: ODNR Ground Water Mapping & Technical Services

N
W E
S

SCALE 1" = ±750'

Well Log Search – 1,500 Foot Surrounding Area Map
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio

STRENCE Environmental Consulting, Inc

AMPAIK Township GOSHEN Section of Township

RERT MORELART SR. Address 5:CYA AVE. MECHA.

property FIRST HOUSE ON SEVA AVE. NORTH OF STATE R'

CONSTRUCTION DETAILS

er 5' BLK Length of casing 55'

n Length of screen

PUMP JACK

ump

p setting 30'

letion JAN. 1955

BAILING OR PUMPING TES

Pumping rate 15 G.P.M. Duration of tes

Drawdown 3 ft. Date JAN

Developed capacity

Static level—depth to water 20

Pump installed by OANER

WELL LOG

rmations shale, limestone, l and clay	From	To
	0 Feet	Ft.
GRAVEL		

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County

N.

STATE R# 559

MECHANICSBURG

STATE R# 29

W STATE R# 4

S.

DRAFT

LAMPAIN Township GOSHEN Section of Township

ED-O-PURE DAIRY Address WASHINGTON C.H.,

property STATE R^TE EAST OF MECHANICSBURG CORP

CONSTRUCTION DETAILS

er 5 5/8 Length of casing 81

Length of screen

MOTOR SUBMERGABLE

ump 625

p setting 52

letion 6-1-56

BAILING OR PUMPING TEST

Pumping rate 20 G.P.M. Duration of tes

Drawdown 5 ft. Date 6-1-5

Developed capacity

Static level—depth to water

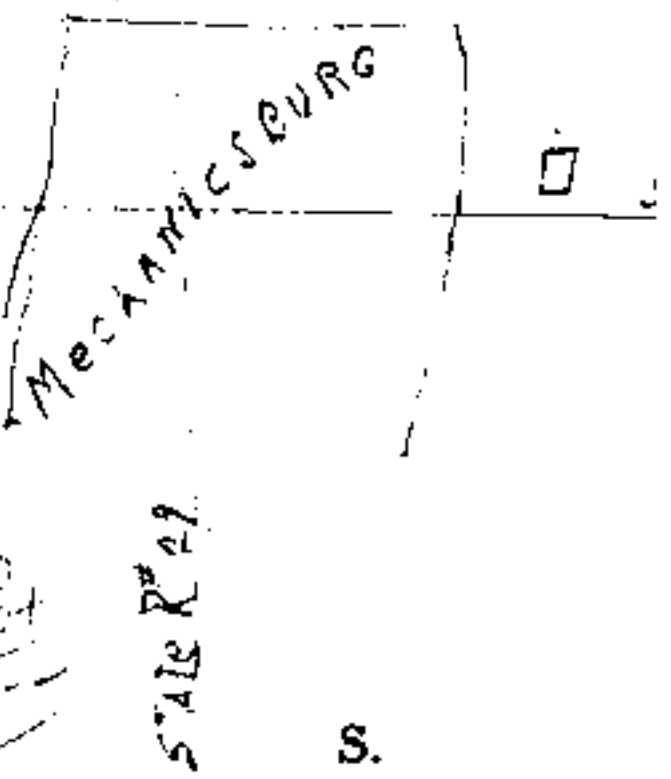
Pump installed by ROBERT MOREK

WELL LOG

rmations shale, limestone, l and clay	From	To
	0 Feet	Ft.
GRAVEL		

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County



DRAFT

manor Township York Section of Township

First Church God Address Mechanicsburg

property East Mechanicsburg on route 4 &

CONSTRUCTION DETAILS

er 4" Length of casing 42

n Length of screen

Length of screen

ump

p setting

letion

BAILING OR PUMPING TEST

Pumping rate G.P.M. Duration of te

Drawdown 5 ft. Date 7-2-

Developed capacity

Static level—depth to water 20

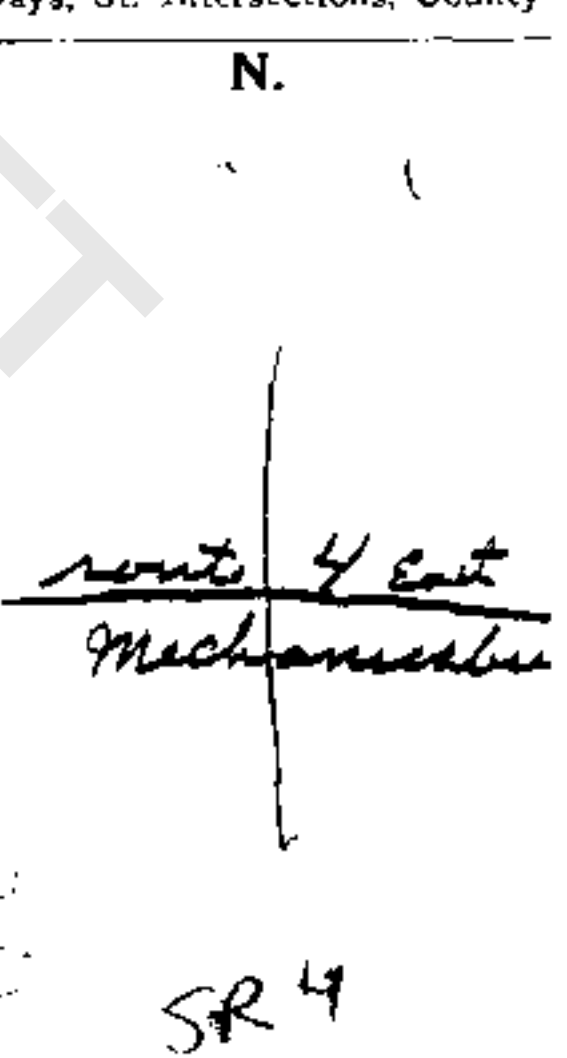
Pump installed by

WELL LOG

rmations shale, limestone, el and clay	From	To
	0 Feet	Ft.
clay		12
gravel	3	15
clay	17	32
coarse sand	32	40
gravel	2	42

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County



See reverse side for instructions

DRAFT

[redacted] Township Conewago Section of Township

Charles Weaver Address North Fairview

property East of Mechanicsburg on route 9 first road to right using road

CONSTRUCTION DETAILS

er 4 1/4 Length of casing 67

n Length of screen

Length of screen

ump

p setting

letion

BAILING OR PUMPING TEST

Pumping rate G P.M. Duration of te

Drawdown None ft. Date 8-13

Developed capacity

Static level—depth to water 4

Pump installed by

WELL LOG

rmations shale, limestone, el and clay	From	To
	0 Feet	Ft.
y		15
Sand	15	17
Clay	25	42
nd	29	66
and	1	67

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County

N.

W. Mechanicsburg

S.

See reverse side for instructions

DRAFT

Champaign Township Goshen Section of Township Center

Ben Moore Address Mechanicsburg, Ohio

of property ½ mile Northeast of Mechanicsburg Ohio on Rt 4

CONSTRUCTION DETAILS

ter 5 5/2 Length of casing 103

en Length of screen

ip

pump

mp setting

pletion

BAILING OR PUMPING TEST

Pumping Rate 20 G.P.M. Duration of test

Drawdown None ft. Date 1/30/

Static level-depth to water 72½

Quality (clear, cloudy, taste, odor) cloudy

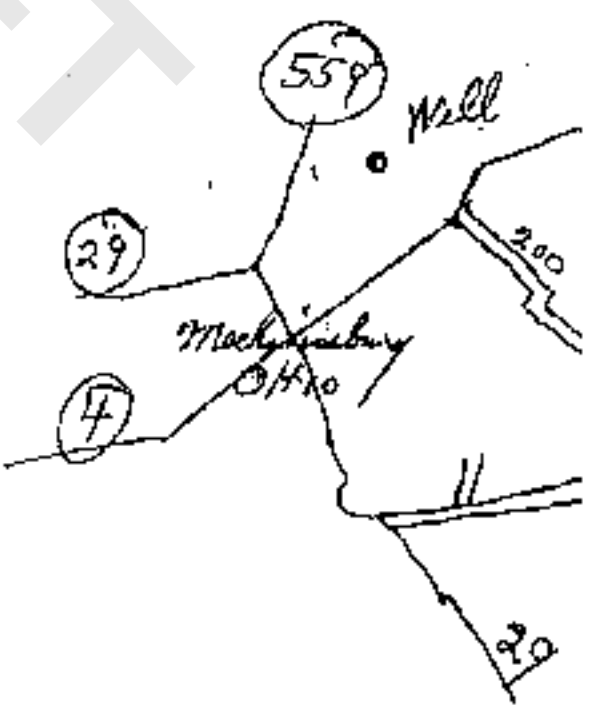
Pump installed by Barnhold Mu

WELL LOG

Formations e. shale, limestone, el and clay	From	To
	0 Feet	30 Ft.
ay		
d	30	42
	42	96
	96	101
l	101	103

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County rc



DRAFT

AMPAIGN Township GOSHEN Section of Township

TC HAMILTON Address 2724 Wells Ford Rd S

property Northeast edge of Mechanicsburg on WIN

CONSTRUCTION DETAILS

x 4½" Length of casing 255

Length of screen

imp

setting

etion

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate 11 G.P.M. Duration of test

Drawdown 90 ft. Date April 14

Static level-depth to water 21

Quality (clear, cloudy, taste, odor) Clear

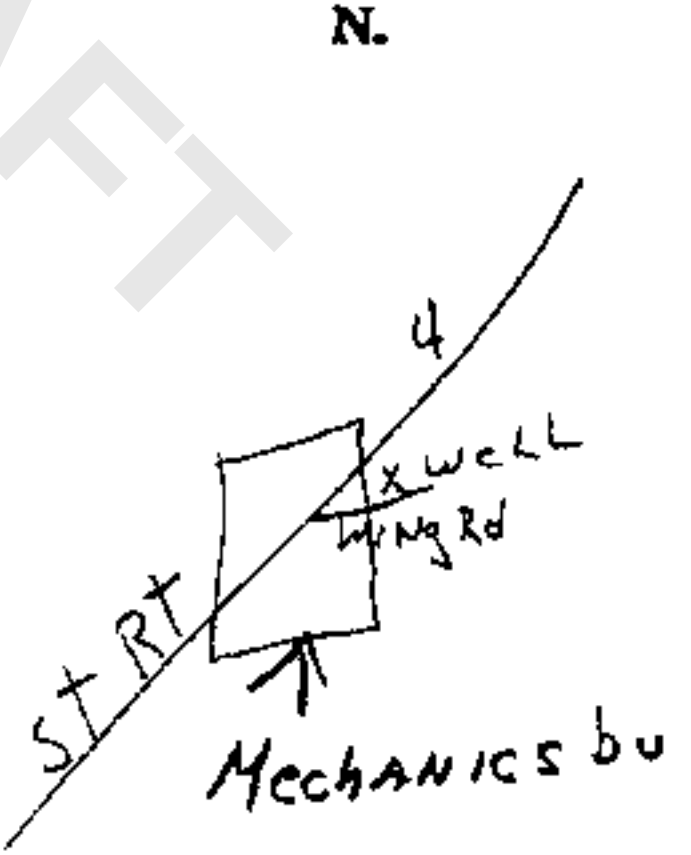
Pump installed by

WELL LOG*

mations shale, limestone, and clay	From	To
AY	0 Feet	15 Ft.
CLAY	15	110
SAND	110	150
PAN	150	165
CLAY	165	195
SAND	195	240
N CLAY	240	250
PAN	250	255
STONE	255	278

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County r



DRAFT

hAMPAIGN Township GOSHEN Section of Township

PeTe HAMILTON Address 2724 WellsFord R

property 1/4 Mile Southeast of Rd 4 on Wing R

CONSTRUCTION DETAILS

er 4 1/4" Length of casing 55'

Length of screen

ump

setting

ction

BAILING OR PUMPING TEST
(Specify one by circling)

Test Rate 13 G.P.M. Duration of test

Drawdown 5 ft. Date Nov 10, 24

Static level-depth to water

Quality (clear, cloudy, taste, odor) Clr

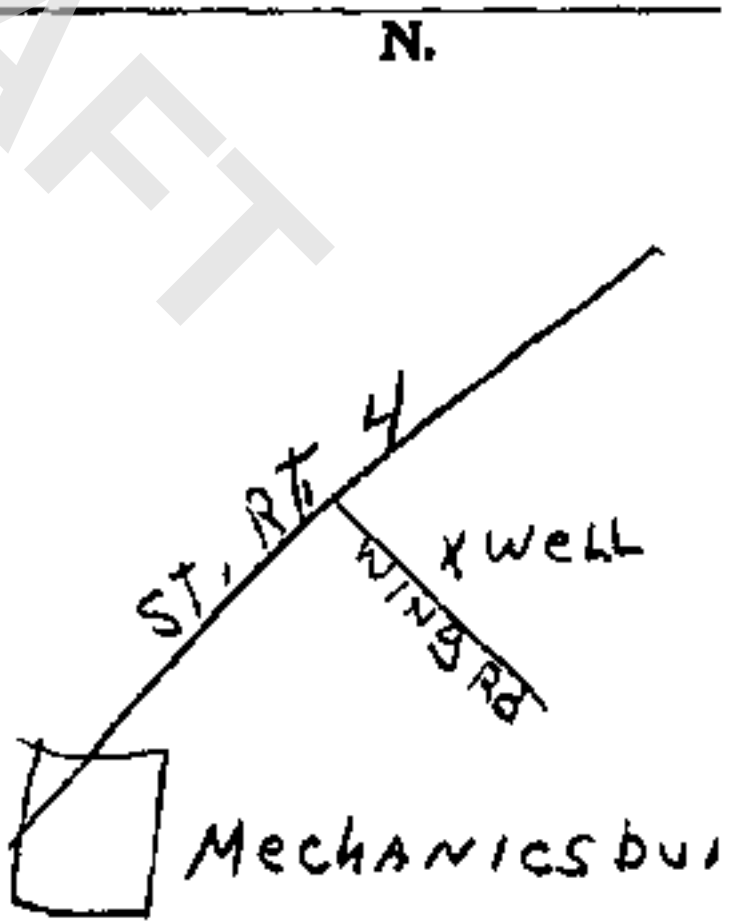
Pump installed by

WELL LOG*

rmations shale, limestone, l and clay	From	To
LAY	0 Feet	15 Ft.
CLAY	15	53
EL	53	55

SKETCH SHOWING LOCATIO

Locate in reference to numbered State Highways, St. Intersections, County r



DRAFT

TONEY

ocation

SBURG Zip Code +4 43044

42 Section: and/or Lot No.

IESTIC

Well (use only one of the below coordinate systems)

oordinates

+/- ft

+/- ft

tude Coordinates

.078117 Longitude -83.5457

n feet: 1029 +/- 20 ft

NAD27 [X] NAD83 Elevation Source GPS

ates: GPS

tten description:

ater quality/quantity and well construction.

1 Borehole Diameter 7.88 inches Depth

Casing Diameter 5.5 in Length 61 ft Thickne

2 Borehole Diameter inches Depth

Casing Diameter in. Length ft. Thickne

Casing Height Above Ground 1

Type 1: PVC

2

Joints 1: Solvent

2:

SCREEN

Diameter: 5.5 in. Slot Size 0.085 in. Screen Length

Type MACHINE SLOTTED Material PV

Set Between 59 ft. and 61

GRAVEL PACK (Filter Pack)

Material/ Size GRIT SAND Vol/Wt Used 400#

Method of Installation Poured (gravity)

Depth: Placed From: 61 ft. To:

GROUT

Material Bentonite/cement slurry Vol/Wt. Used 100#

Method of Installation Pumped w/Tremie pipe

Depth: Placed From: 57 ft. To:

DRILLING LOG*

FORMATIONS INCLUDE DEPTH(S) AT WHICH WATER IS EN

Color	Texture	Formation
RED		CLAY
	GRAVELLY	CLAY
		SAND AND GRAVEL

WELL TEST*

c Level 24 ft. Date 12/22/2009

GROUND LEVEL

hod AIR

20 gpm Duration of Test 1 hrs.

5 ft Sustainable Yield 20 gpm

the pumping test record, per section 1521.05, ORC)

[ ] Yes [X] No Flowing Well? [ ] Yes [X] No

PUMP/PITLESS

MERSIBLE Capacity 10 gpm

). ft. Pitless Type ADAPTER

MASON PLUMBING

formation given is accurate and correct to the best of my knowledge

WELL DRILLING INC

1

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DRAFT

:

RECEIVED
APR - 7 2015
SFM/BUSTR

Tier 2 Evaluation Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

April 2, 2015

DRAFT

SPENCE
Environmental
Consulting, Inc.

70 West Columbus Street • Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

RECEIVED
APR - 7 2015
SFM/BUSTR

Tier 2 Evaluation Report
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044

BUSTR Release No. 11009720-N00002

Prepared for:

Park National Bank

DRAFT

Client: Mr. Dan Turben
Park National Bank
720 Gardner Road
Springboro, OH 45066

Project No.: Park-06(14)

Distribution: Mr. Dan Turben (2 Copies)
SEC File (1 Electronic Copy)

Date: April 2, 2015

Prepared by: _____
John W Mills, Staff Engineer

_____
Jeffrey J. Bood, P.G. Senior Geologist

Spence Environmental Consulting, Inc.
70 West Columbus Street
Pickerington, Ohio 43147
(614) 837-4750

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APPENDIX H – BUSTR-SCREEN MODEL CALIBRATION PLAN

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Executive Summary

Included herein is the Tier 2 Evaluation for an underground storage tank (UST) release at the former Preston's IGA property located at 282 East Sandusky Street, Mechanicsburg, Ohio. This Tier 2 Evaluation was performed to evaluate chemicals of concern (COCs) in groundwater at the site in accordance with the Tier 2 Evaluation requirements established by the Ohio Bureau of Underground Storage Tank Regulations (BUSTR).

A release occurred at the site in October 2014 when a water sample collected from the tank cavity during the UST closure assessment contained benzene above the closure action level. A Tier 1 Source Investigation was completed and included the installation of three soil borings, which were converted into monitoring wells (MW-1, MW-2, and MW-3). MW-1 was installed immediately west of the tank basin; MW-2 was installed within the tank basin, and MW-3 was installed immediately south of the tank basin. A groundwater sample collected from MW-2 showed a benzene concentration in excess of Tier 1 action levels. One additional monitoring well (MW-4) was installed immediately north of the tank basin to further delineate groundwater.

The following pathways and COCs were evaluated during the Tier 2 Evaluation:

- groundwater ingestion (benzene)

BUSTR-Screen predictions and analytical data indicate that the maximum modeled concentrations of dissolved phase benzene would reach the POE (adjacent property line) above the drinking water action level.

Based on the results of the Tier 2 Evaluation, the following is recommended:

- Develop a site-specific groundwater ingestion action level for benzene using a hydraulic conductivity calibrated BUSTR-Screen model (a model calibration plan is included as Appendix H)

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RECEIVED
APR - 7 2015
SFM/BUSTR

Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations (BUSTR)

TIER 2 EVALUATION FORM 2012

REPORT DATE: April 2, 2015 FACILITY ID#: 1-009720

OWNER/OPERATOR AND FACILITY DATA

UST OWNER INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

FACILITY INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, ZIP:	Mechanicsburg, 43044
COUNTY:	Champaign
LAT/LONG (decimal):	40.07763/-83.54948
RELEASE #:	N00002

UST OPERATOR INFORMATION:

COMPANY:	Preston's IGA LLC
ADDRESS:	282 E. Sandusky St.
CITY, STATE:	Mechanicsburg, OH
ZIP:	43044
CONTACT PERSON:	Ed Preston
CONTACT PHONE:	(937) 834-3464

PROPERTY OWNER INFORMATION:

COMPANY:	Security National Bank Div. of Park National Bank
ADDRESS:	70 S. Limestone Street
CITY, STATE:	Springfield, OH
ZIP:	45502
CONTACT PERSON:	Dan Turzen
CONTACT PHONE:	(937) 286-9336

TIER 1 CONCLUSIONS

List the chemicals of concern and exposure pathways which required additional evaluation at the conclusion of the Tier 1 Investigation

SOIL		GROUNDWATER	
Chemical of Concern	Pathway	Chemical of Concern	Pathway
		Benzene	Groundwater Ingestion

YES NO

☒ ☐ The Tier 1 Investigation determined that groundwater underlying the site is considered drinking water

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SOURCE INVESTIGATION

SUBSURFACE INVESTIGATION:

Previously installed soil borings and date installed

MW-1, MW-2 and MW-3 were installed on January 15, 2015. MW-4 was installed on February 24, 2015.

Previously installed monitoring wells and date installed:

MW-1, MW-2 and MW-3 were installed on January 15, 2015. MW-4 was installed on February 24, 2015.

Soil borings installed during this investigation and date installed:

N/A

Monitoring wells installed during this investigation and date installed

N/A

SB/MW	Install Date	MW Diameter	Latitude	Longitude	Installed With*	Total Depth	Depth to GW	Depth to Bedrock	Screened Interval
MW-1	01/15/15	1-inch			DP	19	14.0	N/A	9.0-19.0
MW-2	01/15/15	2-inch			DP	18	14.0	N/A	8.0-18.0
MW-3	01/15/15	2-inch			DP	19	14.5	N/A	9.0-19.0
MW-4	02/24/15	2-inch			DP	20	15.5	N/A	10.0-20.0

** HSA/SS = Hollow stem auger / split spoon, DP = Direct push, HA = Hand auger*

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FIELD SCREENING

Instrument used: N/A

Methodology:

N/A

Calibration procedure:

N/A

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SB/MW#	N/A							
Depth	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)	PID/FID (ppm)
0-2'								
2-4'								
4-6'								
6-8'								
8-10'								
10-12'								
12-14'								
14-16'								
16-18'								
18-20'								
20-22'								
22-24'								
24-26								
26-28'								
28-30'								
30-32'								
32-34'								
34-36'								
36-38'								
38-40'								
40-42'								
42-44'								
44-46'								
46-48'								
48-50'								
GW Depth								

NOTE: *The intervals of samples submitted for analysis should be indicated in bold*

CONTAMINANT CONCENTRATIONS IN SOIL

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	MAXIMUM			HISTORICAL MAXIMUM*		
		Location ID	Depth	Conc. (ppm)**	Location ID	Depth	Conc. (ppm)**
BENZENE	0.252	AT	All	<0.006			
TOLUENE	70.8	AT	All	<0.006			
ETHYLBENZENE	85	AT	All	<0.006			
TOTAL XYLENES	18	AT	All	<0.012			
MTBE	0.789	AT	All	<0.006			
BENZO (a) ANTHRACENE	11	AT	All	<0.005			
BENZO (a) PYRENE	1.1	AT	All	<0.005			
BENZO (b) FLUORANTHENE	11	AT	All	<0.005			
BENZO (k) FLUORANTHENE	110	AT	All	<0.005			
CHRYSENE	1,100	AT	All	<0.005			
DIBENZ (a,h) ANTHRACENE	1.1	All	All	<0.006			
INDENO (1,2,3-cd) PYRENE	11	All	All	<0.006			
NAPHTHALENE	84	EW-1	5'	0.02			
TPH (C6-C12)	5,000	All	All	<1.2			
TPH (C10-C20)	10,000	MW-3	12-14	25.1			
TPH (C20-C34)							
OTHER (List below, add rows as needed).							

* *For this release, including closure or site check results. Only complete if soil data has been replaced via an IRA, a RAP, or confirmatory sampling.*

** *Soil results are to be reported on a dry weight basis. Where concentrations are less than detection limits indicate the detection limit (e.g. < 0.005).*

CONTAMINANT CONCENTRATIONS IN GROUNDWATER

CHEMICAL OF CONCERN	ACTION LEVEL (ppm)	HISTORICAL MAXIMUM*		CURRENT MAXIMUM	
		MW #	Conc. (ppm)**	MW #	Conc. (ppm)**
BENZENE	0.005	Tank Cavity	0.150	MW-2	0.006
TOLUENE	1	Tank Cavity	0.809	All	<0.005
ETHYLBENZENE	0.7	Tank Cavity	0.117	All	<0.005
TOTAL XYLENES	10	Tank Cavity	0.674	All	<0.010
MTBE	0.04	All	<0.004	All	<0.004
BENZO (a) ANTHRACENE	0.00026	All	<0.000050	All	<0.00010
BENZO (a) PYRENE	0.0002	All	<0.000010	All	<0.00010
BENZO (b) FLUORANTHENE	0.00017	All	<0.000050	All	<0.00010
BENZO (k) FLUORANTHENE	0.0017	All	<0.000050	All	<0.00010
CHRYSENE	0.047	All	<0.000050	All	<0.00050
DIBENZ (a,h) ANTHRACENE	0.0002	All	<0.00010	All	<0.00010
INDENO (1,2,3-cd) PYRENE	0.00022	All	<0.00010	All	<0.00040
NAPHTHALENE	0.14	TC	0.014	All	<0.002
OTHER (List below, add rows as needed):					

* *For this release, including closure or site check results.*

** *Where concentrations are less than detection limits, indicate the detection limit (e.g. < 0.005).*

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LAND USE DETERMINATION

LAND USE FOR THE UST SITE SHALL BE CONSIDERED RESIDENTIAL UNLESS EITHER OF THE FOLLOWING APPLIES:

Mark all that apply:

☐ The current land use for the site *and* at least 75% of the area within 300 feet of the site property boundaries is non-residential

☐ The owner/operator has entered into an environmental covenant (EC) with the state fire marshal in accordance with Ohio Revised Code 5301.80 through 5301.92

If either of the above applies, explain (including EC restrictions and date of recording) and provide documentation:

N/A – Not Evaluated – All Soil Pathways below Tier I Action Levels

LAND USE DETERMINATION CONCLUSION:

☒ Land use is considered residential

☐ Land use is considered non-residential

SITE CONCEPTUAL EXPOSURE MODEL

A detailed site conceptual exposure model that clearly describes the conditions under which an exposure to chemical(s) of concern may occur by identifying exposure pathways and points of exposure shall be developed and presented in Appendix M. The exposure pathway evaluation includes a review of the following:

- Receptor identification,
- Media identification,
- Transport mechanisms identification; and,
- Routes of exposure identification.

FOLLOWING THE PATHWAY COMPLETENESS EVALUATION, AN EXPOSURE PATHWAY IS CONSIDERED INCOMPLETE IF ANY OF THE FOLLOWING APPLY:

Mark all that apply:

☐ There is no point of exposure identified pursuant to paragraph (L)(4)(b) of OAC 1301:7-9-13, for a chemical of concern in an identified environmental media

☐ Site-specific data demonstrates that there is no transport mechanism in the identified environmental media to move the chemical(s) of concern from the source area(s) to the point(s) of exposure

☐ Site-specific data demonstrates that there are no route(s) of exposure in the identified environmental media to move the chemical(s) of concern from the source area(s) to the point(s) of exposure

☐ Points of exposure are eliminated by ground water use restrictions enforceable by a local government and/or regulatory agency, or by an environmental covenant with the state fire marshal

☐ Points of exposure are eliminated by land use restrictions enforceable by local government and/or regulatory agencies, or by an environmental covenant with the state fire marshal

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IF THE POINT OF EXPOSURE IS DETERMINED TO BE THE PROPERTY LINE IN ACCORDANCE WITH PARAGRAPH (L)(4)(b)(ii)(a)(ii) OR (L)(4)(b)(i)(a)(iv), AND A ROADWAY OR RAILROAD SEPARATES THE SOURCE AREA FROM A PROPERTY WHERE A POTABLE WELL COULD BE INSTALLED, THE POINT OF EXPOSURE MAY BE EXTENDED ACROSS THE ROADWAY OR RAILROAD TO THE CLOSEST PROPERTY LINE OF THAT PROPERTY.

YES NO

☐ ☒ The above conditions apply

IF A POINT OF EXPOSURE HAS NOT BEEN IDENTIFIED IN PARAGRAPH (L)(4)(b)(i)(a)(i) THROUGH (L)(4)(b)(i)(a)(iv) OF OAC 1301:7-9-13, THE POINT OF EXPOSURE SHALL BE 300 FEET FROM THE SOURCE AREA(S) OR AN ALTERNATE POINT OF EXPOSURE APPROVED BY THE FIRE MARSHAL.

Mark all that apply:

☐ The POE is 300 feet from the source area(s) based on the above criteria

☐ The above criteria has been met and an alternate POE has been approved by the state fire marshal

POINT OF EXPOSURE CONCLUSIONS:

Closest point of exposure: Property boundary northeast of source area

Distance from the source area(s) to the closest POE: 26 feet

All point of exposure documentation shall be provided in Appendix I. In addition, a site map which depicts the source area(s) and closest point of exposure should be included.

SITE-SPECIFIC TARGET LEVEL DEVELOPMENT

Fate and transport of chemical(s) of concern above action levels that have potentially complete exposure pathways shall be evaluated by using BUSTR's Tier 2 Spreadsheets and BUSTR-Screen groundwater modeling utility. Site-specific target levels (SSTLs) can be developed by replacing default values (specified by the fire marshal) in the algorithms used to develop action levels with site-specific values (documentation must be provided).

TIER 2 SPREADSHEET INFORMATION:

Complete the following to depict site-specific data used in Tier 2 Spreadsheets:

Parameter	Default Value	Site-Specific value	Pathway(s)	Reference*
N/A				

* *Indicate the report name, date, appendix, etc. where documentation of the site-specific data is provided*

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Complete the following to depict SSTLs developed using Tier 2 Spreadsheets:

Chemical of Concern	Pathway	SSTL (ppm)	Pathway	SSTL (ppm)	Pathway	SSTL (ppm)	Pathway	SSTL (ppm)
N/A								

BLSTR-SCREEN INFORMATION:

Complete the following to depict site-specific data used in BLSTR-Screen models.

Parameter	Default Value	Site-Specific value	Pathway(s)	Reference*
foc	foc	0.001	GW Ingestion	Table 7, Appendix D

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Complete the following to depict the predictions of the BUSTR-Screen models:

Chemical of Concern	Point Of Demonstration (POD)	POD Prediction Date	Predicted POD Concentration	Actual Date of POD Sampling	Actual POD Concentration	Predicted POE Concentration
Benzene	N/A	N/A	N/A	N/A	N/A	0.021 mg/L

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IMMEDIATE CORRECTIVE ACTIONS

YES	NO	
☐	☒	Free product is currently present
☐	☒	Free product has been present historically

If yes to either of the above, please complete the following:

Location(s) of free product: N/A

Amount recovered to date: N/A

YES	NO	
☐	☒	A remediation system is currently in use at the site
☐	☒	A remediation system has previously been used at the site but is not currently in use

If yes to either of the above, describe the remediation system and provide background information:

N/A

TIER 2 DECISIONS

Select one of the following:

☐ The concentrations of all chemical(s) of concern are at or below Tier 2 site-specific target levels for all pathways and no monitoring is required pursuant OAC 1301:7-9-13(D). No further action is required.

☐ The concentrations of all chemical(s) of concern are at or below Tier 2 site-specific target levels for all pathways and a monitoring plan is required to validate BUSTR-Screen. A monitoring plan prepared in accordance with OAC 1301:7-9-13(E)(3) is included in Appendix P.

☒ The concentrations of chemical(s) of concern are above the Tier 2 site-specific target levels for one or more exposure pathways, and the following chemicals of concern and pathways require further evaluation:

SOIL		GROUNDWATER	
Chemical of Concern	**Pathways**	**Chemical of Concern**	**Pathways**
		Benzene	Groundwater Ingestion

Indicate which of the following options the owner/operator plans on conducting.

☐ INTERIM RESPONSE ACTION

☐ REMEDIAL ACTION PLAN

☐ TIER 3 EVALUATION

☒ CALIBRATION OF THE BUSTR-SCREEN MODEL

***NOTE:** A calibration plan must be submitted for approval with this report. Include as Appendix Q*

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MISCELLANEOUS DATA

THE FOLLOWING ITEMS MUST BE ATTACHED:

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-13 OR ADDITIONAL INFORMATION WHICH CLARIFIES THE INVESTIGATION ACTIVITIES SHALL BE SUBMITTED AS APPENDICES TO THIS REPORT.

TABLES:

TABLE 1	SOIL CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS
TABLE 2	GROUNDWATER CONCENTRATIONS COMPARED TO ACTION & DELINEATION LEVELS
TABLE 3	MONITORING WELL GAUGING DATA
TABLE 4	SITE SPECIFIC GEOTECHNICAL DATA

FIGURES:

FIGURE 1	TOPOGRAPHIC MAP
FIGURE 2	SITE MAP
FIGURE 3	SITE MAP WITH SOIL BORING LOCATIONS, SOIL CONCENTRATIONS AND SAMPLE DEPTH
FIGURE 4	SITE MAP WITH MONITORING WELLS AND GROUNDWATER CONCENTRATIONS
FIGURE 5	GROUNDWATER CONTOUR MAP
FIGURE 6	SUBSURFACE CROSS-SECTIONS

APPENDIX:

APPENDIX A	SOIL BORING LOGS
APPENDIX B	MONITORING WELL CONSTRUCTION DIAGRAMS
APPENDIX C	SOIL CLASSIFICATION FORM
APPENDIX D	LABORATORY ANALYTICAL REPORT
APPENDIX E	CHAIN OF CUSTODY
APPENDIX F	LABORATORY SUMMARY REPORT
APPENDIX G	DRINKING WATER EVALUATION SUPPORTING DOCUMENTATION
APPENDIX H	LAND USE DETERMINATION DOCUMENTATION
APPENDIX I	POINTS OF EXPOSURE DOCUMENTATION
APPENDIX J	BUSTR-SCREEN DOCUMENTATION
APPENDIX K	GEOTECHNICAL LABORATORY REPORT
APPENDIX L	LAND AND GROUNDWATER USE RESTRICTIONS / COVENANTS
APPENDIX M	SITE CONCEPTUAL EXPOSURE MODEL
APPENDIX N	SITE-SPECIFIC TARGET LEVEL DEVELOPMENT DOCUMENTATION
APPENDIX O	SLUG TEST / PUMP TEST RESULTS
APPENDIX P	MONITORING PLAN
APPENDIX Q	BUSTR-SCREEN MODEL CALIBRATION PLAN

FORM PREPARED BY:

NAME:	Jeffrey J. Bood
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The Tier 2 Evaluation Report Form must be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the form is legible and complete.

OWNER / OPERATOR SIGNATURE: _____

PRINT NAME: _____ **DATE:** 4-6-15

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CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1: Light distillate products including unleaded gasoline, leaded gasoline and aviation gasoline

Analytical Group 2: Middle distillate products including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels

Analytical Group 3: Heavy petroleum distillate products including, but not limited to, lubricating and hydraulic oils

Analytical Group 4: Used oil

Analytical Group 5: Unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the Fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

	Analytical Group Number	1	2	3	4	5	Analytical Methods
		Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
	Chemical						
Aromatics	Benzene	X	X		X		8021/8260
	Toluene	X	X		X		
	Ethyl benzene	X	X		X		
	o, m and p-Xylenes	X	X		X		
Additives	Methyl tert-butyl ether (MTBE)	X			X		
Polynuclear Aromatics	Benzo(a)anthracene		X	X	X		8270/8310
	Benzo(a)pyrene		X	X	X		
	Benzo(b)fluoranthene		X	X	X		
	Benzo(k)fluoranthene		X	X	X		
	Chrysene		X	X	X		
	Dibenz(a,h)anthracene		X	X	X		
	Indeno(1,2,3-cd)pyrene		X	X	X		
	Naphthalene		X	X	X		
Chlorinated Hydrocarbons	Volatile Organic Hydrocarbons				X		8260
Total Petroleum Hydrocarbons *1	TPH (C6 – C12)	X	X		X		8015
	TPH (C10 – C20)				X		
	TPH (C20 – C34)			X	X		
	Varies based on COC contents			X	X	*2	

*1 TPH analysis is not required for groundwater samples

*2 Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4

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Appendix A - Tables

1 – Static Groundwater Elevations
2 – Tier 1 Action Levels
3 – Soil Analytical Results – Light Distillates
4 – Soil Analytical Results – Middle Distillates
5 – Groundwater Analytical Results – Light Distillates
6 – Groundwater Analytical Results – Middle Distillates
7 – Fraction of Organic Carbon Analytical Results
8 – Hydraulic Conductivity Results

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Table 1 - Static and Relative Groundwater Elevations

Benchmark: Southeast Corner of Site Building

Monitoring Well	Top of Casing Elevation	Static Water Level	Relative Groundwater Elevation
January 21, 2015			
MW-1	99.70	5.95	93.75
MW-2	98.86	4.32	94.53
MW-3	97.26	4.50	92.76
March 3, 2015			
MW-1	99.70	5.77	93.93
MW-2	98.50	5.14	93.36
MW-3	97.02	5.17	91.85
MW-4	98.35	5.33	93.02

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Table 2 - Tier 1 Action Levels
Parts per million (mg/kg-mg/L)
Residential Land Use Scenario (Tier 1 Default)

	Soil					Groundwater		
Pathway	Direct Contact with Soils	Soil Leach to Drinking Water	Soil Leach to Non Drinking Water	Soil Volatilization to Indoor Air	Soil Volatilization to Outdoor Air	Groundwater Ingestion	Groundwater Volatilization to Indoor Air	Groundwater Volatilization to Outdoor Air
Soil Type	NA	CL	CL	CL	CL	NA	CL	CL
Depth to Groundwater	NA	NA	NA	NA	NA	NA	0-15	0-15
Benzene	3.8	0.262	216	1.15	51	0.005	4.29	860
Toluene	590	105	1630	70.9	3,130	1	155	34,000
Ethylbenzene	1500	83	4,530	733	10,300	0.7	362	85,300
Total Xylenes	660	625	342	18	793	10	41.4	9,980
MTBE	5,300	0.768	24,400	1,370	60,500	0.04	12,400	885,000
Benzo(a)anthracene	11	18,600	>1E^+5	598,000	>1E^+6	0.00026	668	31,600
Benzo(a)pyrene	1.1	>1E^+6	>1E^+6	308,000	>1E^+6	0.0002	127	6,200
Benzo(b)fluoranthene	11	>1E^+6	>1E^+6	295,000	>1E^+6	0.00017	67.4	2,720
Benzo(k)fluoranthene	110	738,000	>1E^+6	>1E^+6	>1E^+6	0.0017	23,800	>1E^+6
Chrysene	1,100	451,000	>1E^+6	>1E^+6	>1E^+6	0.047	7,170	285,000
Dibenz(a,h)anthracene	1.1	>1E^+5	>1E^+6	>1E^+6	>1E^+6	0.0002	344	58,700
Indeno(1,2,3-cd)pyrene	11	>1E^+6	>1E^+6	>1E^+6	>1E^+6	0.00022	2,020	131,000
Naphthalene	56	84.2	1340	57.3	2,980	0.14	22.7	1,430
TPH C6-C12*	5,000	NA	NA	NA	NA	NA	NA	NA
TPH C10-C20*	10,000	NA	NA	NA	NA	NA	NA	NA

*TPH Action Level independent of pathway

Values listed in **BOLD** shaded cells indicate the lowest AL per media for the COC

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Table 3 - Soil Analytical Results - Light Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	TPH C6-C12
Tier 1 Delineation Levels			*1.04*	*61.3*	*199*	*16.7*	*1.240*	*5.000*
Tier 1 Action Levels			*0.252*	*76.8*	*83*	*19*	*0.788*	*5.000*
UST Excavation Results								
NW-1	5'	10/31/14	<0.006	<0.006	<0.006	<0.011	<0.006	<1.1
EW-1	5'	10/31/14	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
Dispenser & Piping Run Results								
D-1	3'	10/31/14	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
D-2	3'	10/31/14	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
D-3	3'	10/31/14	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
P-3	2'	10/31/14	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
Stockpile Results								
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-12	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
SP-19	Grab	10/31/14	<0.005	<0.005	<0.005	<0.010	<0.005	<1.0
Tier 1 Source Investigation								
MW-1	10-12	1/15/15	<0.006	<0.006	<0.006	<0.012	<0.006	<1.2
	12-14		<0.006	<0.006	<0.006	<0.011	<0.005	<1.1
MW-2	12-14	1/15/15	<0.006	<0.006	<0.006	<0.011	<0.005	<1.1
MW-3	8-10	1/15/15	<0.006	<0.006	<0.006	<0.011	<0.005	<1.1
	12-14		<0.006	<0.006	<0.006	<0.012	<0.005	<1.1
MW-4	12-14	2/24/15	<0.006	<0.006	<0.006	<0.012	<0.005	<1.1

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Table 4 - Soil Analytical Results - Middle Distillates

Parts per million (mg/kg)

Location	Depth (feet)	Date	Benzo[a] anthracene	Benzo[a] pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno[1,2,3-c,d] pyrene	Naphthalene	TPH C10-C20
Tier 1 Delineation Levels			11	1.1	11	110	1,000	1.1	11	54	10,000
Tier 1 Action Levels			11	1.1	11	110	1,000.00	1.1	11	54	10,000
UST Excavation Results											
NW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
EW-1	5'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<12.9
Dispenser & Pump Bar Results											
D-1	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
D-2	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<12.1
D-3	3'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
P-3	2'	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.4
Stockpile Results											
SP-1	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-5	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.4
SP-7	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-8	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2
SP-10	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-17	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
SP-15	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.2
SP-18	Grab	10/31/14	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<10.3
Tier I Source Investigation											
MW-1	10-12	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.5
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.3
MW-2	12-14	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
MW-3	8-10	1/15/15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<11.2
	12-14		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	25.1
MW-4	12-14	2/24/15	<0.005	<0.005	<0.005	<0.005	0.0119	<0.005	<0.005	0.0079	22.0

Final

Table 5 - Groundwater Analytical Results - Light Distillates

Parts per million (mg/L)

Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
Delineation Levels		*0.420*	*15.5*	*38 1*	*10 0*	*1 240*
Tier 1 Action Levels		*0 005*	*1.0*	*0 7*	*10 0*	*0 04*
UST Closure						
TC	10/31/14	0.068	0 808	0 117	0 624	<0.004
Tier Evaluation						
MW-1	1/27/15	<0 005	<0.005	<0.005	<0 010	<0.004
	3/3/15	<0 005	<0.005	<0.005	<0.010	<0.004
MW-2	1/27/15	0.038	<0.005	<0.005	<0.010	<0.004
	1/29/15	0.040	<0.005	<0.005	<0.010	<0.004
	3/3/15	0.006	<0.005	<0 005	<0.010	<0.004
MW-3	1/27/15	<0.005	<0 005	<0.005	<0.010	<0 004
	3/3/15	<0 005	<0.005	<0.005	<0.010	<0 004
MW-4	3/3/15	<0 005	<0 005	<0.005	<0.010	<0.004

Values listed in **Bold Type** exceed Tier 1 Action Levels

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Table 6 - Groundwater Analytical Results - Middle Distillates

Parts per million (mg/L)

Location	Date	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd) pyrene	Naphthalene
Delineation Levels		69.7	12.7	6.72	2.380	716	35.2	202	2.22
Tier 1 Action Levels		0.00025	0.0002	0.00017	0.0017	0.0470	0.0002	0.00022	0.14
UST Closure									
TC	10/31/14	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	0.014
Tier Evaluation									
MW-1	1/27/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-2	1/27/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
MW-3	1/27/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001
VW-4	3/3/15	<0.00010	<0.00010	<0.00010	<0.00010	<0.00050	<0.00010	<0.00010	<0.001

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Table 7 - Soil Analytical Results - Fraction of Organic Carbon

grams organic carbon/grams soil

Location	Depth (feet)	Date	FOC (mg/kg)	FOC (Percent)	FOC (g ocig soil)
[1]MW-4	4 6	2/24/15	16,600	1.66	0 017
[2]MW-4	18-20	2/24/15	25,200	2.52	0 025

[1] *Unsaturated Sample*

[2] *Saturated sample*

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Table 8 - Hydraulic Conductivity Results

	Hydraulic Conductivity (cm/sec)		
Monitoring Well No.	Falling Head	Rising Head	Geology
MW-2	1.30E-02	N/A	Tank Pit
MW-3	1.40E-04	1.30E-04	Clay
MW-4	3.70E-05	N/A	Clay

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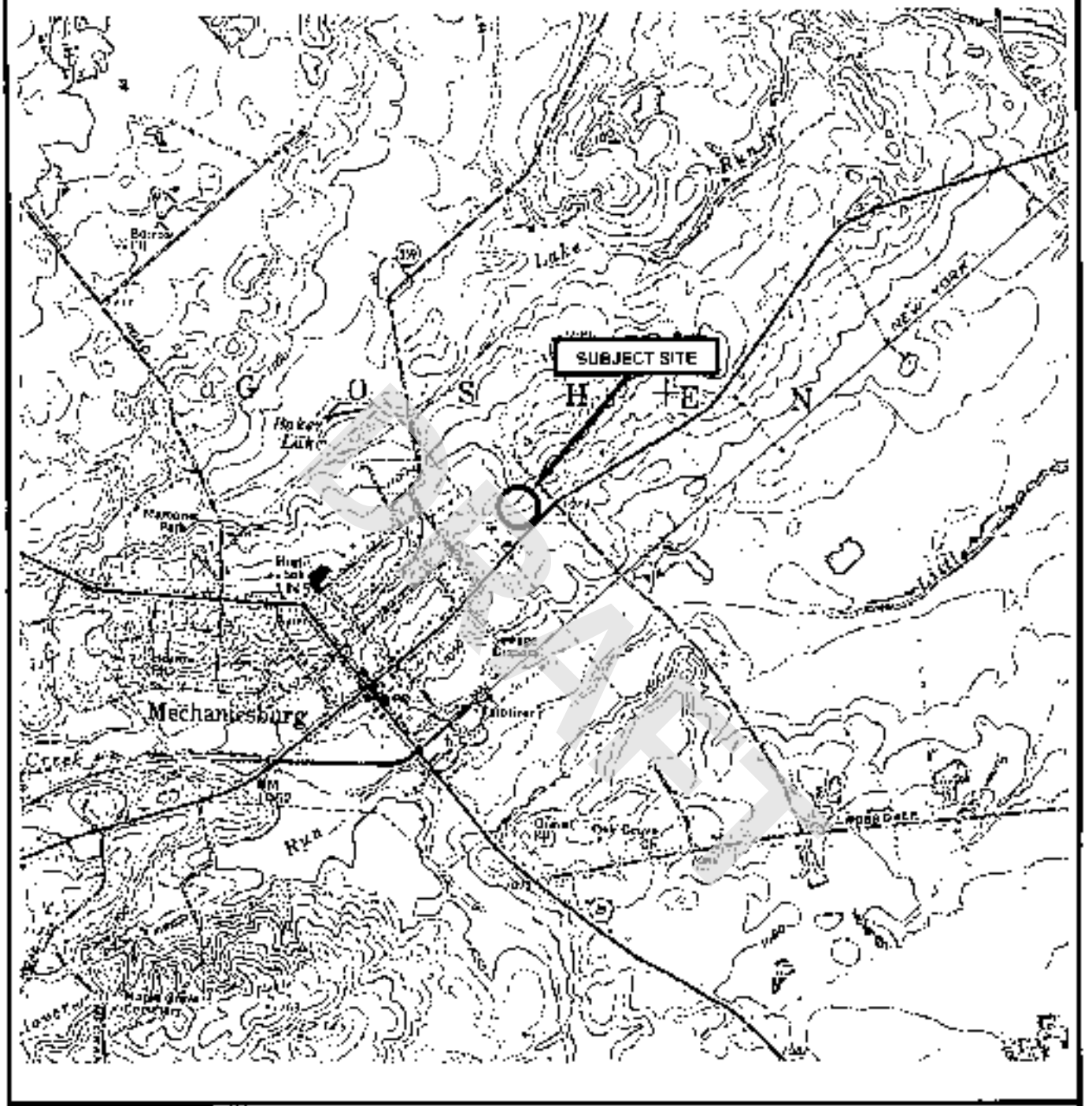
Appendix B - Figures

1 – U.S.G.S. Topographic Map
2 – Site Map
3 – Site Plan
4 – Soil Analytical Results
5 – Groundwater Analytical Results
6 – Potentiometric Surface Map
7 – Cross Section Plan
7A – Cross Section A to A'

DRAFT



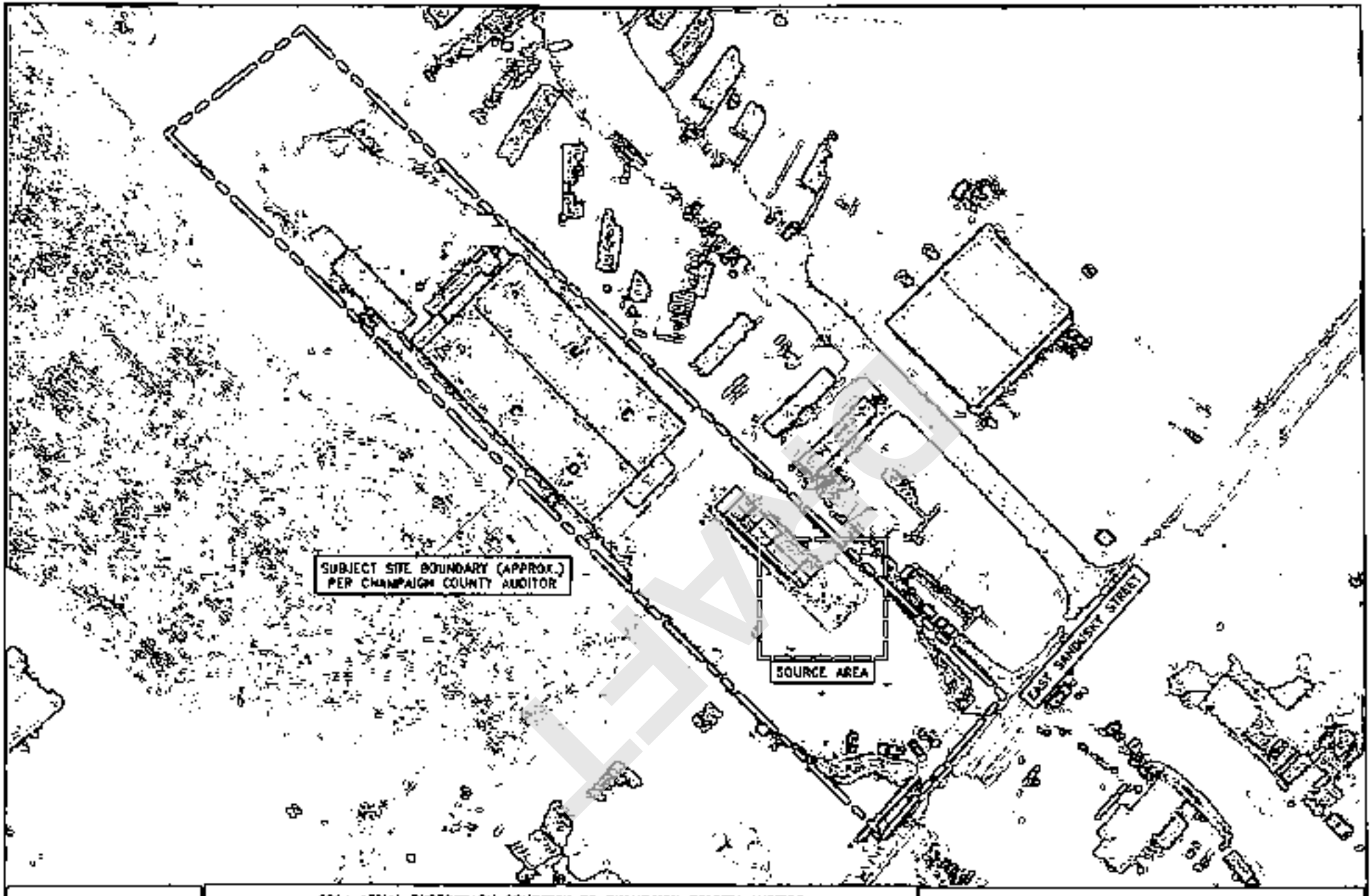
Mechanicsburg, Ohio 7.5 minute series USGS Quadrangle, 1980 Revision

N
W E
S

SCALE: 1" = ± 2,000'

FIGURE 1 – USGS Topographic Map
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio

SPENCE
Environmental
Consulting, Inc.



2014 AERIAL PHOTOGRAPH COURTESY OF CHAMPAIGN COUNTY AUDITOR

NORTH

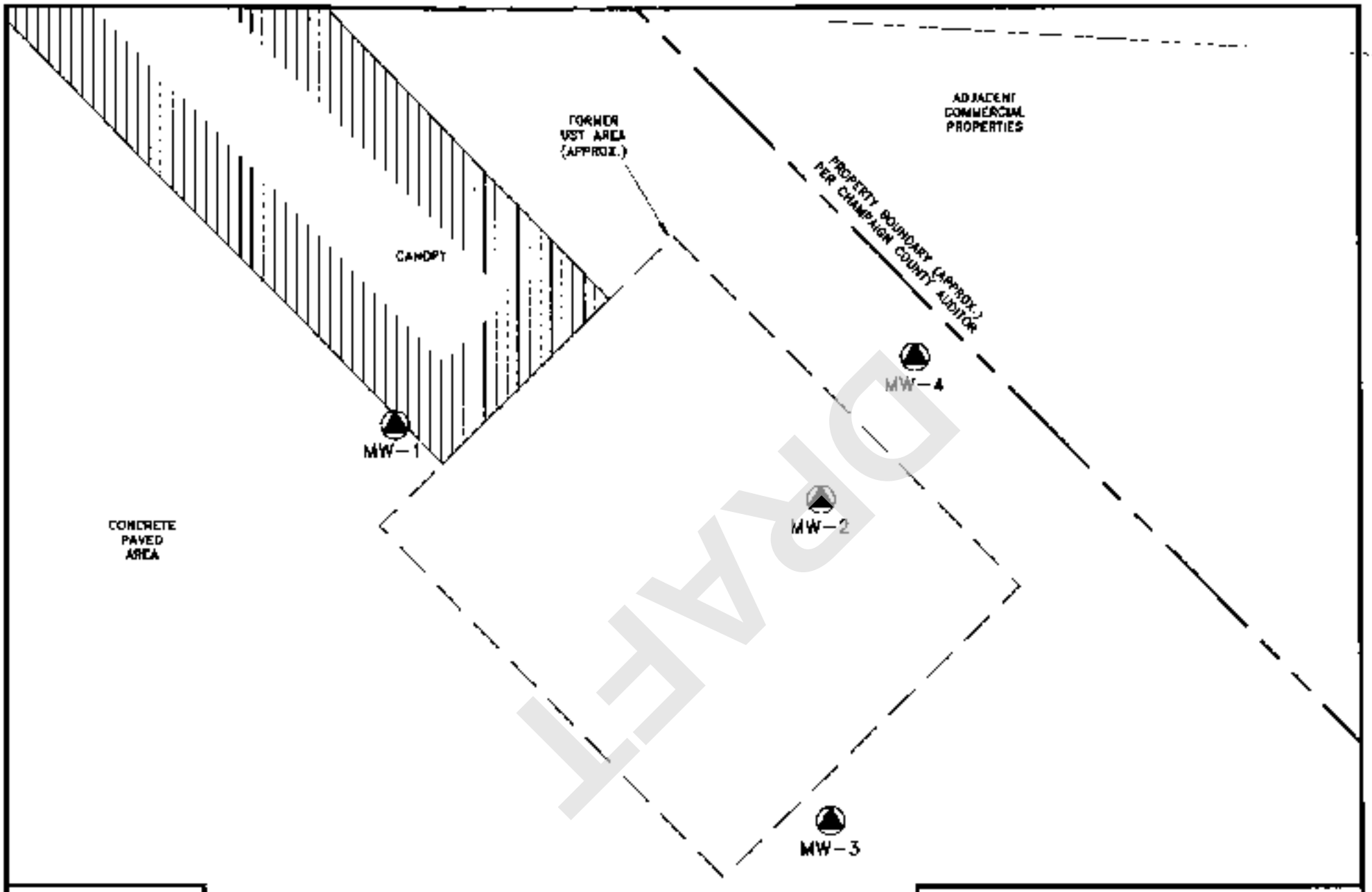
SPENCE ENVIRONMENTAL CONSULTING, INC.

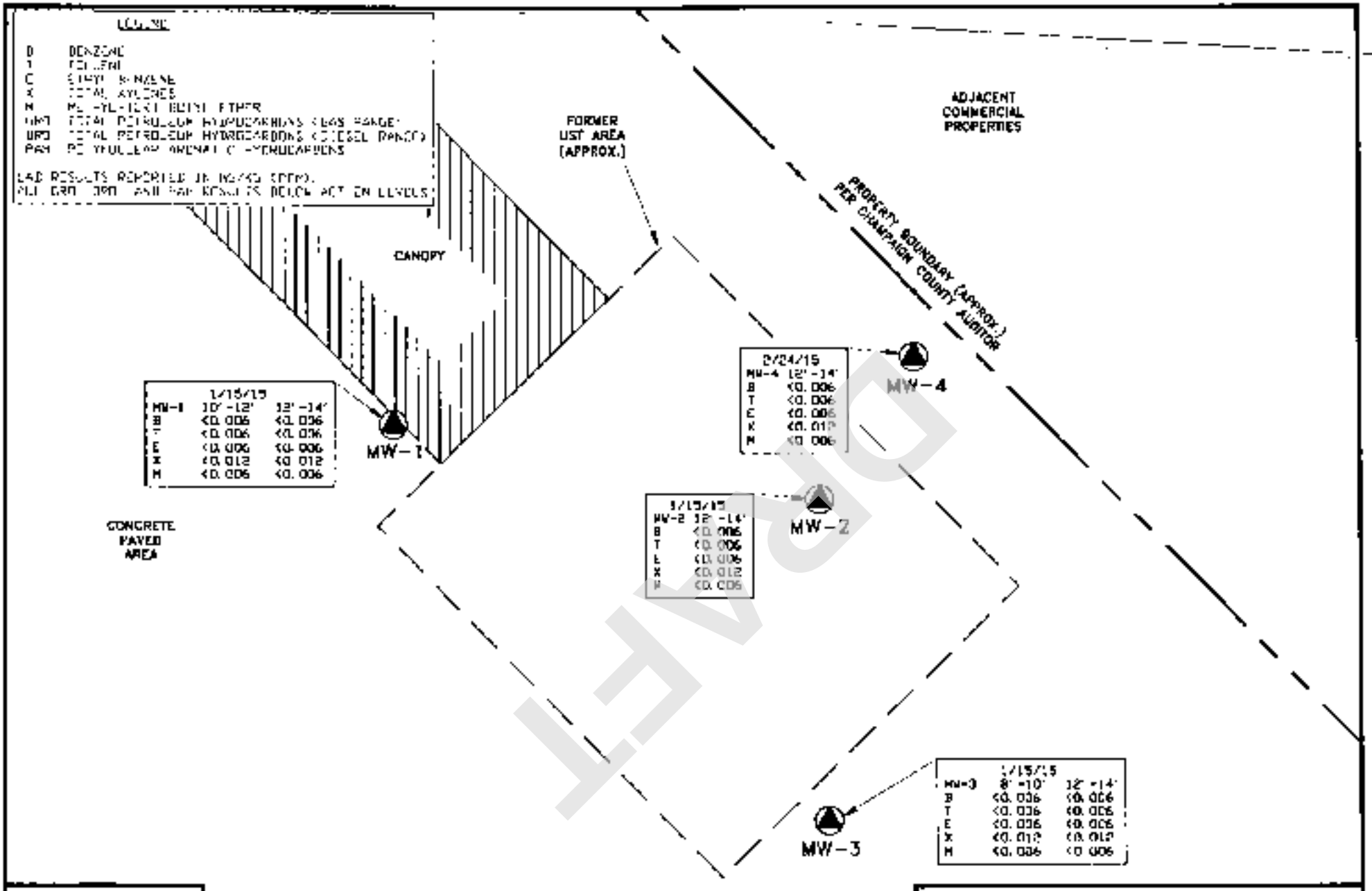
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

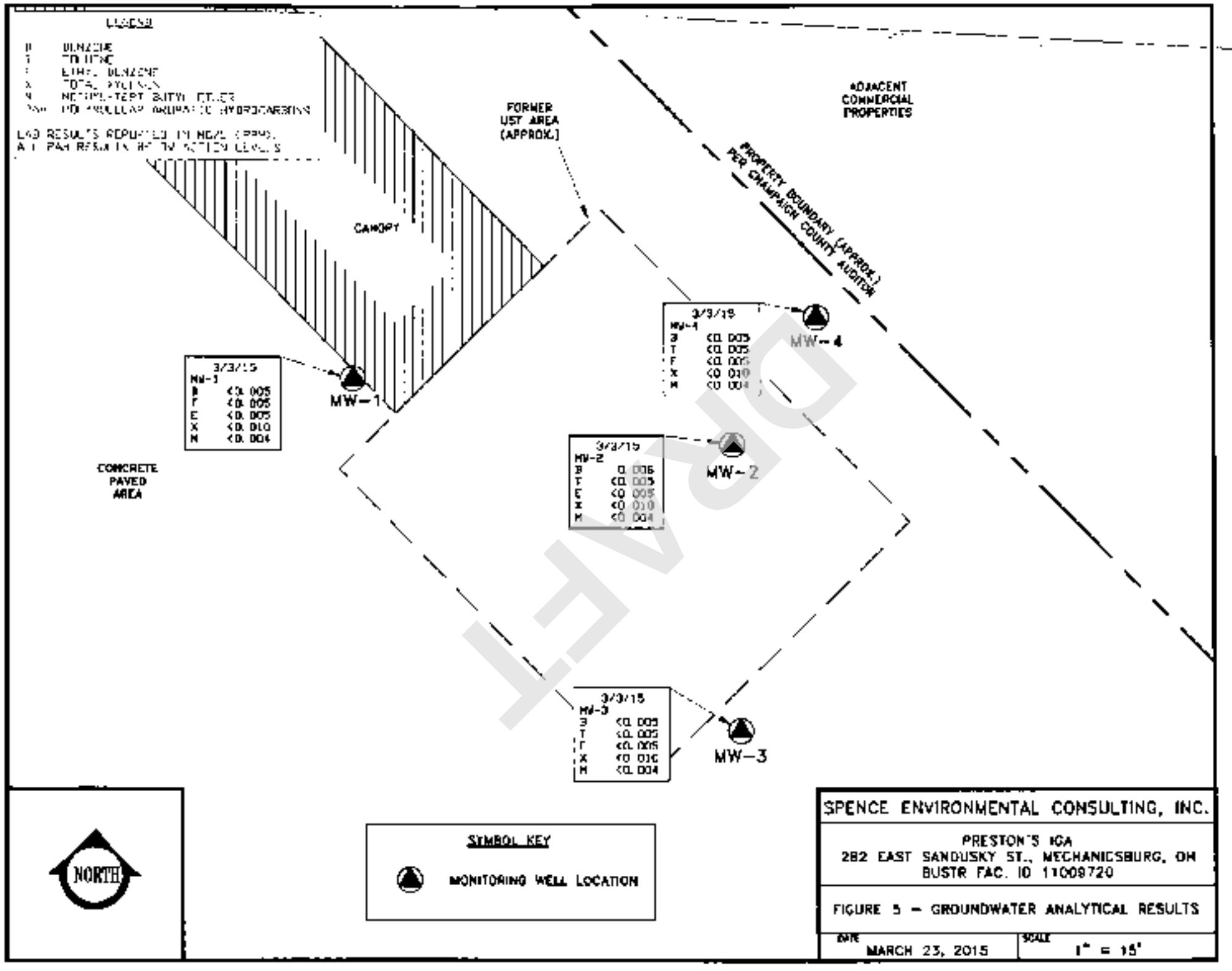
FIGURE 2 – SITE MAP

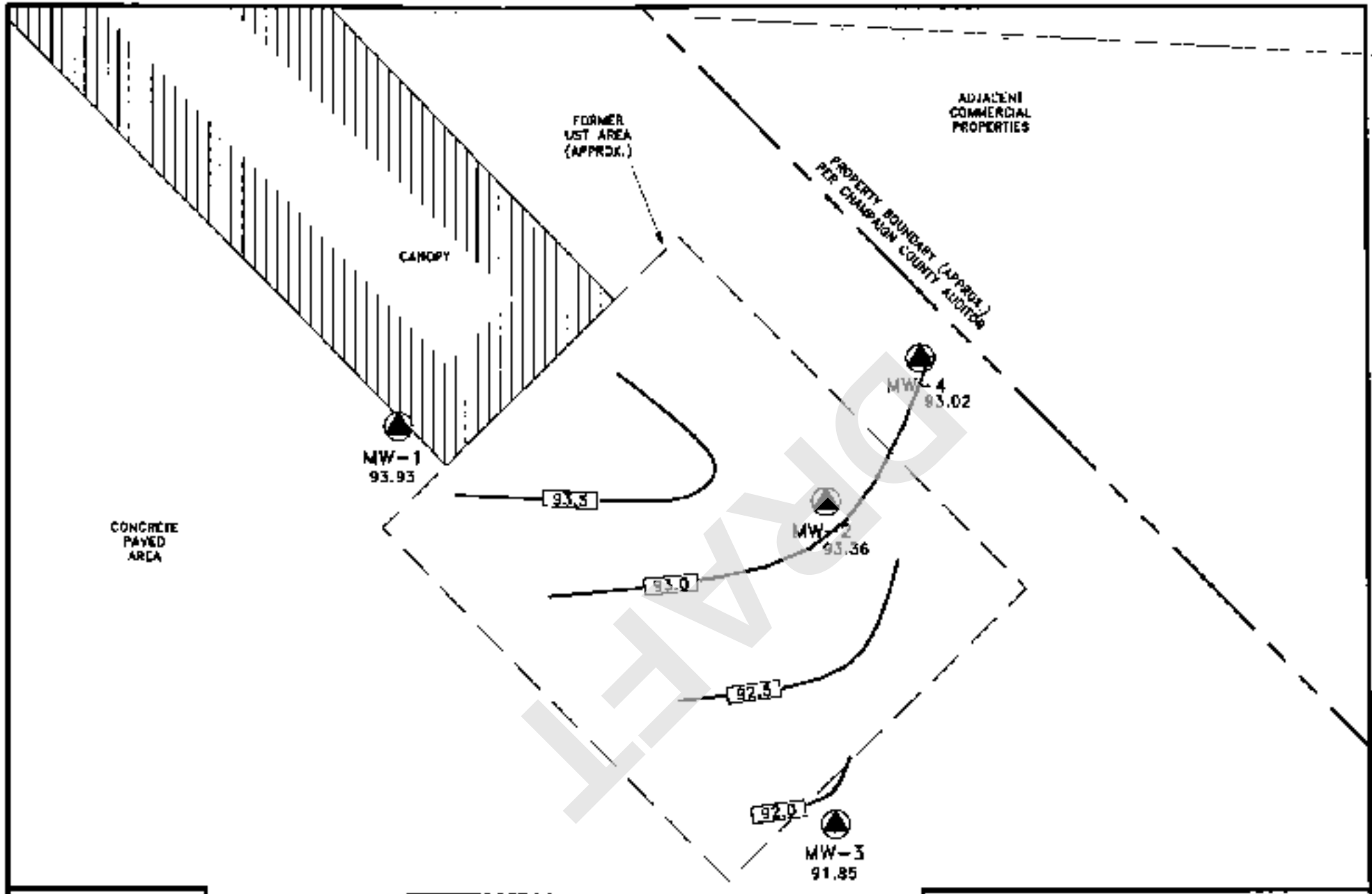
DATE: JANUARY 22, 2015

SCALE: 1" = 100'


ADJACENT
COMMERCIAL
PROPERTIES
FORMER
UST AREA
(APPROX.)
PROPERTY BOUNDARY (APPROX.)
PER CHAMPAIGN COUNTY AUDITOR
CANOPY
MW-4
MW-1
MW-2
CONCRETE
PAVED
AREA
MW-3
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 3 – SITE PLAN
DATE
MARCH 23, 2015
SCALE
1" = 15'


LEGEND
B BENZENE
T TOLUENE
E ETHYL BENZENE
X TOTAL XYLENES
M METHYL TERT BUTYL ETHER
GRO TOTAL PETROLEUM HYDROCARBONS (GAS RANGE)
DRO TOTAL PETROLEUM HYDROCARBONS (DIESEL RANGE)
PAH POLYNUCLEAR AROMATIC HYDROCARBONS
LAB RESULTS REPORTED IN MG/KG (PPM).
ALL GRO, DRO, AND PAH RESULTS BELOW ACT ON LEVELS
CANOPY
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
1/15/15
MW-1 10' -12' 12' -14'
B <0.006 <0.006
T <0.006 <0.006
E <0.006 <0.006
X <0.012 <0.012
M <0.006 <0.006
MW-1
2/24/15
MW-4 12' -14'
B <0.006
T <0.006
E <0.006
X <0.012
M <0.006
MW-4
1/15/15
MW-2 12' -14'
B <0.006
T <0.006
E <0.006
X <0.012
M <0.006
MW-2
1/15/15
MW-3 8' -10' 12' -14'
B <0.006 <0.006
T <0.006 <0.006
E <0.006 <0.006
X <0.012 <0.012
M <0.006 <0.006
MW-3
CONCRETE PAVED AREA
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 4 - SOIL ANALYTICAL RESULTS
DATE MARCH 23, 2015
SCALE 1" = 15'
DRAFT


B BENZENE
T TOLUENE
E ETHYL BENZENE
X TOTAL XYLENES
N METHYL-TERT-BUTYL ETHER
PAH POLYNUCLEAR AROMATIC HYDROCARBONS
LAB RESULTS REPORTED IN MG/L (PPM).
ALL PAH RESULTS WITHIN ACTION LEVELS
FORMER UST AREA (APPROX.)
CANOPY
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
3/3/15
MW-1
B <0.005
T <0.005
E <0.005
X <0.010
N <0.004
MW-1
3/3/15
MW-4
B <0.005
T <0.005
E <0.005
X <0.010
N <0.004
MW-4
3/3/15
MW-2
B 0.006
T <0.005
E <0.005
X <0.010
N <0.004
MW-2
3/3/15
MW-3
B <0.005
T <0.005
E <0.005
X <0.010
N <0.004
MW-3
CONCRETE PAVED AREA
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S #2A
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 5 – GROUNDWATER ANALYTICAL RESULTS
DATE
MARCH 23, 2015
SCALE
1" = 15'
DRAFT



NORTH

LEGEND

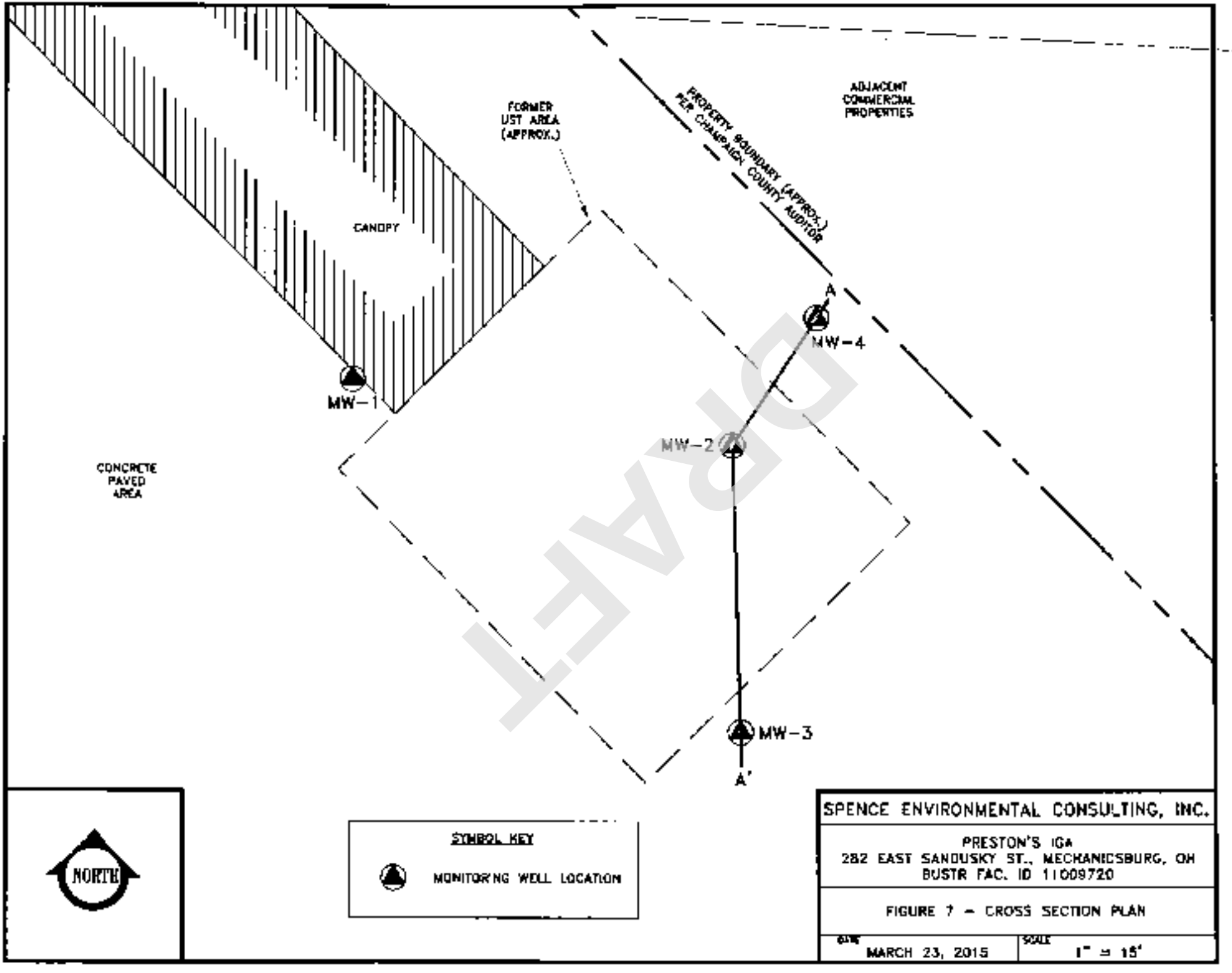
- MONITORING WELL
- 87.18 RELATIVE STATIC WATER ELEVATION 3/3/15
- POTENTIOMETRIC SURFACE 3/3/15

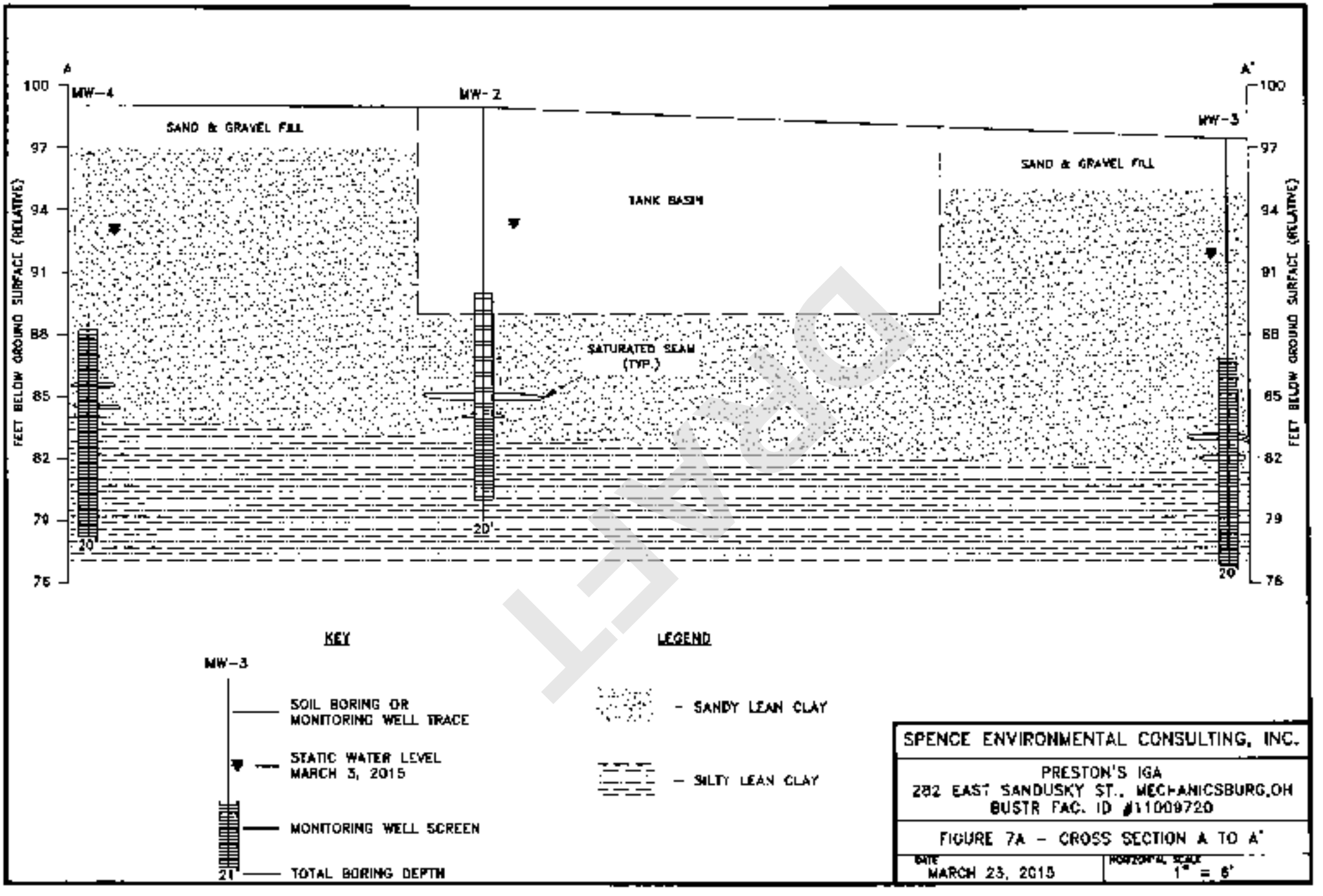
SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
SUSTR FAC. ID 11009720

FIGURE 6 – POTENTIOMETRIC SURFACE MAP

DATE	SCALE
MARCH 23, 2015	1" = 15'


FORMER
UST AREA
(APPROX.)
ADJACENT
COMMERCIAL
PROPERTIES
PROPERTY BOUNDARY (APPROX.)
PER CHAMPAIGN COUNTY AUDITOR
CANOPY
A
MW-4
MW-1
MW-2
CONCRETE
PAVED
AREA
MW-3
A'
DRAFT
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
FIGURE 7 - CROSS SECTION PLAN
DATE
MARCH 23, 2015
SCALE
1" = 15'



SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG,OH
BUSTR FAC. ID #11009720

FIGURE 7A – CROSS SECTION A TO A'

DATE: MARCH 23, 2015

HORIZONTAL SCALE: 1" = 6'

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Appendix C

Soil Boring Logs & Monitoring Well Construction Logs

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SPENCE Environmental Consulting, llc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW—1

Client:	Park National Bank	Depth of Boring:	-20 Ft.
Location:	282 East Sandusky Street, Mechanicsburg, OH	Elevations-Ground:	99.89 Ft.
County:	Champaign Twp: Section:	Materials-Riser:	PVC
Date Drilled:	1/15/2015 By: T. Inough	Well Diameter:	2-inch
Drilling Method:	Geoprobe 6600 DT	Water Elevation/Date: ▼	14 Ft. 85.89 Ft. (msl.) 1/15/2015
Drilling Company:	EnviroCore LLC	Water Elevation/Date: ▼	5.95 Ft. 93.75 Ft. (msl.) 1/21/2015
Well:	19.02 Ft.	Top of Casing:	99.70 Ft.
Screen/Slots:	PVC/0.01-Inch	Cover/Cap:	Steel/Pressure

Blow Counts	Recovery (inches)	Field Screening	Sample Interval	Depth (feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
	32	0.2			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	Ground 99.89' TOC 99.70'
		0.2						
	36	0.7		5			Bentonite Grout	5
		0.3						SWL 93.75'
		0.5			CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14 Ft.		TOB 90.68'
	36	1.2*		10				10
		1.0*					No. 2 Sand	
	30	0.7		15			85.89'	15
		0.3			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
	30	0.0		20				BOB 80.68' 20
						Bottom of Boring -20 Ft.		
				25				25
				30				30

* Indicates sample submitted for lab analysis

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SPENCE Environmental Consulting, Inc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-2

Client: Park National Bank		Depth of Boring: ~20 Ft.	Well: 18.91 ft.
Location: 282 East Sandusky Street, Mechanicsburg, OH		Elevation-Ground: 99.00 ft.	Top of Casing: 98.50 ft.
County: Champaign	Twp: Section:	Materials-Riser: PVC	Screen/Slot: PVC/0.01-inch
Date Drilled: 1/15/2015	By: T. Thrush	Well Diameter: 2-inch	Cover/Cap: Steel/Pressure
Drilling Method: Geoprobe 6600 DT		Water Elevation/Date ▽: 14 ft.	85.00 ft. (msl) 1/15/2015
Drilling Company: EnviroCore LLC		Water Elevation/Date ▼: 5.14 ft.	93.36 ft. (msl) 3/3/2015

Box Counts	Recovery (inches)	Field Screening	Sample Interval	Depth (feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 99.00'
	28	0.0		5	FILL	Brown Sand and Gravel (FILL), moist - loose	Concrete; Bentonite Grout	TOC 98.50'
	30	0.0						SWL 93.36'
	34	0.0		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14 ft.	No. 2 Sand	TOS 89.00'
	30	0.0		15			▽ 85.00'	
	36	0.0		20	CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		BOS 79.00'
						Bottom of Boring ~20 Ft.		
				25				
				30				

HA Indicates sample recovered via hand auger.
■ Indicates sample submitted for lab analysis.

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SPENCE Environmental Consulting, Inc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW—3

Client	Park National Bank	Depth of Boring	~20 ft.
Location	202 East Sandusky Street, Mechanicsburg, OH	Elevation-Ground	97.42 ft.
County	Champaign	Twp	Section
Date Drilled	1/15/2015	By: T Thorsen	
Drilling Method	Geoprobe 6600 DT		
Drilling Company	EnviroCore LLC		

Well Depth	20.19 ft.		
Top of Casing	97.32 ft.		
Screen/Slot	PVC/0.01-Inch		
Well Diameter	2 Inch	Cover/Cap	Steel/Pressure
Water Elevation/Date ▽	14.5 ft.	82.92 ft. (rel.)	1/15/2015
Water Elevation/Date ▼	5.17 ft.	91.85 ft. (rel.)	3/3/2015

Blow Counts	Recovery (Inches)	Field Screening	Sample Interval	Depth (Feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 97.42
	72	0.0			FILL	Asphalt, brown Sand and Gravel (FILL), moist - loose	Concrete	TOC 97.32
		0.0						
	32	0.0		5			Bentonite Grout	
		0.1						
		0.58						
	36	0.3		10	CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist - medium stiff Saturated at 14.5 ft.		10
		1.38						
	40	2.2		15			▽ 82.92' No. 2 Sand	15
		0.1						
	38	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist - medium stiff		
				20		Bottom of Boring ~20 Ft.		20
				25				25
				30				30

HA Indicates sample recovered via hand auger.

▲ Indicates sample submitted for lab analysis.

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SPENCE Environmental Consulting, Inc

SUBSURFACE WELL DRILLING AND CONSTRUCTION LOG

MW-4

Client: Park National Bank		Depth of Boring: ~20 ft.	Well: 20.16 Ft.
Location: 282 East Sandusky Street, Mechanicsburg, OH		Elevations-Ground: 99.06 ft.	Top of Casing: 98.85 ft.
County: Champaign	Twp:	Sec:	Materials-Riser: PVC	Screen/Slot: PVC/0.01-Inch
Date Drilled: 2/24/2015	By: T. Thrush	Well Diameter: 2-Inch	Cover/Cap: Steel/Pressure
Drilling Method: Geoprobe 6600 DT		Water Elevation/Date: ▽ 13.5 Ft.	85.56 ft. (msl.) 2/24/2015
Drilling Company: EnviroCore LLC		Water Elevation/Date: ▼ 5.33 ft.	93.02 ft. (msl.) 3/3/2015

Run Counts	Recovery (Inches)	Field Screening	Sample Interval	Depth (Feet)	USCS Profile	DESCRIPTION	WELL CONSTRUCTION	Relative Elevation
								Ground 99.06
	HA	0.0			Fill	Asphalt, brown Sand and Gravel (FB), moist – loose	Concrete	TOC 98.85
	HA	0.0						
	36	0.0		5			Bentonite Grout	5
	36	6.3						SWL 93.52
	36	0.0			CL	Brown sandy LEAN CLAY w/silt and trace gravel, moist – medium stiff Saturated at 13.5 ft.		
	36	0.0		10				10 TBG 88.74
	36	0.0						
	38	0.0		15			#0 x 2 Sand	15
	38	0.0			CL	Dark brown silty LEAN CLAY w/sand and trace gravel, very moist – medium stiff		
	38	0.0		20				20 TBG 78.19
						Bottom of Boring ~20 ft		
				25				25
				30				30

HA Indicates sample recovered via hand auger.
■ Indicates sample submitted for lab analysis.

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Appendix D

Organic Carbon Report

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Pace Analytical Services, Inc.
Not NELAP Accredited
4860 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

March 09, 2015

Jeff Bood
Spence Environmental
70 West Columbus St
Pickerington, OH 43147

RE: Project: Park-06 (14)
Pace Project No.: 50113223

DRAFT

Dear Jeff Bood:
Enclosed are the analytical results for sample(s) received by the laboratory on February 25, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joyce Sarapata
joyce.sarapata@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
Not NELAP Accredited
4060 Gazer Parkway
Dublin, Oh 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)328-2100

CERTIFICATIONS

Project: Park 05 (14)
Pace Project No.: 50[illegible]3223

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04158
Minnesota Certification #: 055-999-334
New York Certification #: 11686
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76509
Wisconsin Certification #: 405132760

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
nor NELAP Accredited
4200 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Park-06 (14)
Pace Project No: 50113223

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50113223001	MW-4 (4-6) Unsaturated	Solid	02/24/15 12:41	02/25/15 12:30
50113223002	MW-4 (18-20) Saturated	Solid	02/24/15 13:02	02/25/15 12:30

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Pace Analytical Services, Inc.
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4800 Glacier Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Park D6 (14)
Pace Project No: 50113223

Lab ID	Sample ID	Method	Analysis	Analytes Reported	Laboratory
50113223001	MW-4 (4-6) Unsaturated	Walkley Black	TJJ	1	PASI-G
50113223002	MW-4 (18-20) Saturated	Walkley Black	TJJ	1	PASI-G

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REPORT OF LABORATORY ANALYSIS

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4800 Blazer Parkway
Dublin, OH 43017
(614)486-5421

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)328-5108

ANALYTICAL RESULTS

Project: Park-06 (14)
Pace Project No: 60113223

Sample: MW-4 (4-6) Unsaturated Lab ID: 60113223001 Collected: 02/24/15 12:41 Received: 02/25/15 12:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
Organic Carbon Walkley Black	Analytical Method: Walkley Black Preparation Method: Walkley Black							
Total Organic Carbon	15600	mg/kg	893	1	03/05/15 09:03	03/06/15 12:07	7440-44-0	

Sample: MW-4 (18-20) Saturated Lab ID: 60113223002 Collected: 02/24/15 13:02 Received: 02/25/15 12:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
Organic Carbon Walkley Black	Analytical Method: Walkley Black Preparation Method: Walkley Black							
Total Organic Carbon	26200	mg/kg	3330	4	03/05/15 09:03	03/06/15 12:37	7440-44-0	

DRAFT

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.
NonNELAP Accredited
4380 Blazer Parkway
Dublin, OH 43017
(614)889-5421

Pace Analytical Services, Inc
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Park-65 (14)
Pace Project No.: 50113223

QC Batch: WETA/27467
QC Batch Method: Walkley Black
Analysis Method: Walkley Black
Analysis Description: Organic Carbon
Associated Lab Samples: 50113223001, 50113223002

METHOD BLANK: 1123847
Matrix: Solid
Associated Lab Samples: 50113223001, 50113223002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/kg	ND	400	03/06/15 12:04	

LABORATORY CONTROL SAMPLE: 1123848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/kg	16000	17200	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1123849 1123850

Parameter	Units	50113406012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/kg	5550	51600	51600	58400	57400	102	100	80-120	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, Inc.
Not NELAP Accredited
4800 Bisser Parkway
Dublin, OH 43017
(614)486-5471

Pace Analytical Services, Inc.
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Park-05 (14)
Pace Project No.: 30113223

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot

ND - Not Detected at or above adjusted reporting limit

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit

POL - Practical Quantitation Limit.

RL - Reporting Limit

S - Surrogate

1,2 Diphenylhydrazine decomposees to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: WET/247488

[WB] Results reported on dry weight basis per listed method.

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REPORT OF LABORATORY ANALYSIS

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Dublin OH 43017
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Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Park-DB (14)
Pace Project No: 50113223

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50113223001	MW-4 (4-6) Unsaturated	Walkley Black	WETA/27467	Walkley Black	WETA/27485
50113223002	MW-4 (18-20) Saturated	Walkley Black	WETA/27467	Walkley Black	WETA/27485

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Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page 9 of 11

Page: 1 of 1

1705780

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Spaus Environmental	Report To: Jeff Boed	Attention: Jeff Boed
Address: 70 W. Columbus St. Pickerington, OH 43147	Copy To:	Company Name: Spaus Environmental Address: 70 W. Columbus St.
Email To: Jeff@SpausEnv.com	Purchase Order No.:	Pace Quote Reference:
Phone: 614-837-4734 Fax: 614-837-4783	Project Name: Park-06(14)	Pace Project Manager:
Requested Due Date/TAT:	Project Number: Park-06(14)	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OH

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Fuel (Gasoline/Diesel)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-4 (4-6') Unsaturated	SL	G			2-24-15	12:41		1								X		X		001
2	MW-4 (13-15') Saturated	SL	G			2-24-15	1:00		1								X		X		002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
In lab 11:50	[signature] TEC	2-25-15		[signature]	2/25/15	11:30	2.6	Y	N	Y
				[signature]	2-25-15	12:30	3.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom Thayer

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 2-24-15

ORIGINAL

UNO

Sample Condition Upon Receipt

Face Analytical

Client Name: Spence Environmental | Project # 50113223

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Face Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Date/Time 5035A kits placed in freezer: _____

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used: 1 2 3 4 5 A B C D E Type of Ice: ☒ Wet ☐ Blue ☐ None ☒ Samples on ice, cooling process has begun

Cooler Temperature (Corrected, if applicable): 2.1 °C Ice Visible in Sample Containers: ☐ yes ☒ no

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 2-25-15 MO

			Comments:
Chain of Custody Present:	☒ Yes	☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes	☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes	☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes	☐ No ☐ N/A	4.
Short Hold Time Analysis (<72hr):	☐ Yes	☒ No ☐ N/A	5.
Rush Turn Around Time Requested:	☐ Yes	☒ No ☐ N/A	6.
Containers Intact:	☒ Yes	☐ No ☐ N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☒ Yes	☐ No ☐ N/A	8.
All containers needing acid/base pres. have been checked? [exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)]	☐ Yes	☐ No ☒ N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.			
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No ☐ N/A	10.
Trip Blank Present:	☐ Yes	☒ No ☐ N/A	11.
Trip Blank Custody Seals Present:	☐ Yes	☒ No ☐ N/A	
Field Data Required?			
Samples Arrived within Hold Time:	☒ Yes	☐ No ☐ N/A	12.
Sufficient Volume:	☒ Yes	☐ No ☐ N/A	13.
Correct Containers Used:	☒ Yes	☐ No ☐ N/A	14.

Field Data Received? Y / N

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 2/25/15

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Sample Container Count

CLIENT: Spence Environmental

COC PAGE 1 of 1

COC ID# _____

Project # 50113223

Sample Line Item	DG9H	AG1U	WGFU	AG0U	R	4 r 6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	BP3C	BP1U	SP5T	pH <2	pH>12	Comments
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Container Codes

DG9H	40mL HCL amber voa vial	AG0U	100mL unpreserved amber glass	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber glass	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved amber vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	SP5T	120mL Coliform Na Thiosulfate
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber glass	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber glass	AF	Air Filter	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved clear vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear glass	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag

DRAFT

Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations (BUSTR)

LABORATORY ANALYSIS QA/QC SUMMARY FORM

(To be included with each laboratory chemical analysis report)

REPORT DATE: March 9, 2015 FACILITY ID#: 3011223

SAMPLE RECEIPT

Was the chain of custody present for all samples?	Yes ☒	No ☐	
Sampler name included?	Yes ☒	No ☐	
Sampler signature included?	Yes ☒	No ☐	
Sample date included?	Yes ☒	No ☐	
Sample time included?	Yes ☒	No ☐	
List the preservation method(s):	Ice		
List the cooler temperature upon receipt:	3.1 °F ☐	°C ☒	
Was headspace present in any sample vials?	Yes ☐	No ☒	NA ☐
Were the soil sample containers filled?	Yes ☒	No ☐	NA ☐
Were sample containers tightly sealed?	Yes ☒	No ☐	
Were the correct laboratory containers used?	Yes ☒	No ☐	

SAMPLE ANALYSIS

Were all analysis performed using SW-846 & ASTM methods? If not, identify the other methods used:	Yes ☒	No ☐
Were dates of sample extraction provided?	Yes ☒	No ☐
Were the matrix spike results within the control limit range established by the USEPA?	Yes ☒	No ☐
Were surrogate recoveries within the control limit range established by the USEPA?	Yes ☒	No ☐
Were control samples used to establish appropriate control limits for precision and bias?	Yes ☒	No ☐
Were instrument blanks, calibration standards, and method blanks submitted and analyzed?	Yes ☒	No ☐
Were matrix spike samples analyzed and either matrix spike duplicates or matrix duplicate samples analyzed?	Yes ☒	No ☐
Were the following QC samples used for each analytical batch:		
Lab control samples	Yes ☒	No ☐
Method Blanks	Yes ☒	No ☐
Matrix spikes	Yes ☒	No ☐
Matrix spike duplicates or matrix duplicates	Yes ☒	No ☐
Were there any problems noted with surrogate recovery, % recovery, or %RSD? If so, list sample IDs:	Yes ☐	No ☒
Were there any data qualifiers noted by the lab? If so, list sample IDs:	Yes ☐	No ☒

LAB CERTIFICATION

Is the laboratory affiliated with the sampling company? Yes ☐ No ☒

Check lab certification that applies: ☐ Ohio EPA DDAGW ☒ Ohio EPA VAP ☒ NELAP ☐ A2LA ☐ Other (list):

COMPLETED BY

Print Name of Lab Representative and Title:	Signature	Date
Joyce Sampata, Project Manager, Pace Analytical	Joy Sampata	3/9/15

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Appendix E

Drinking Water Survey Documentation

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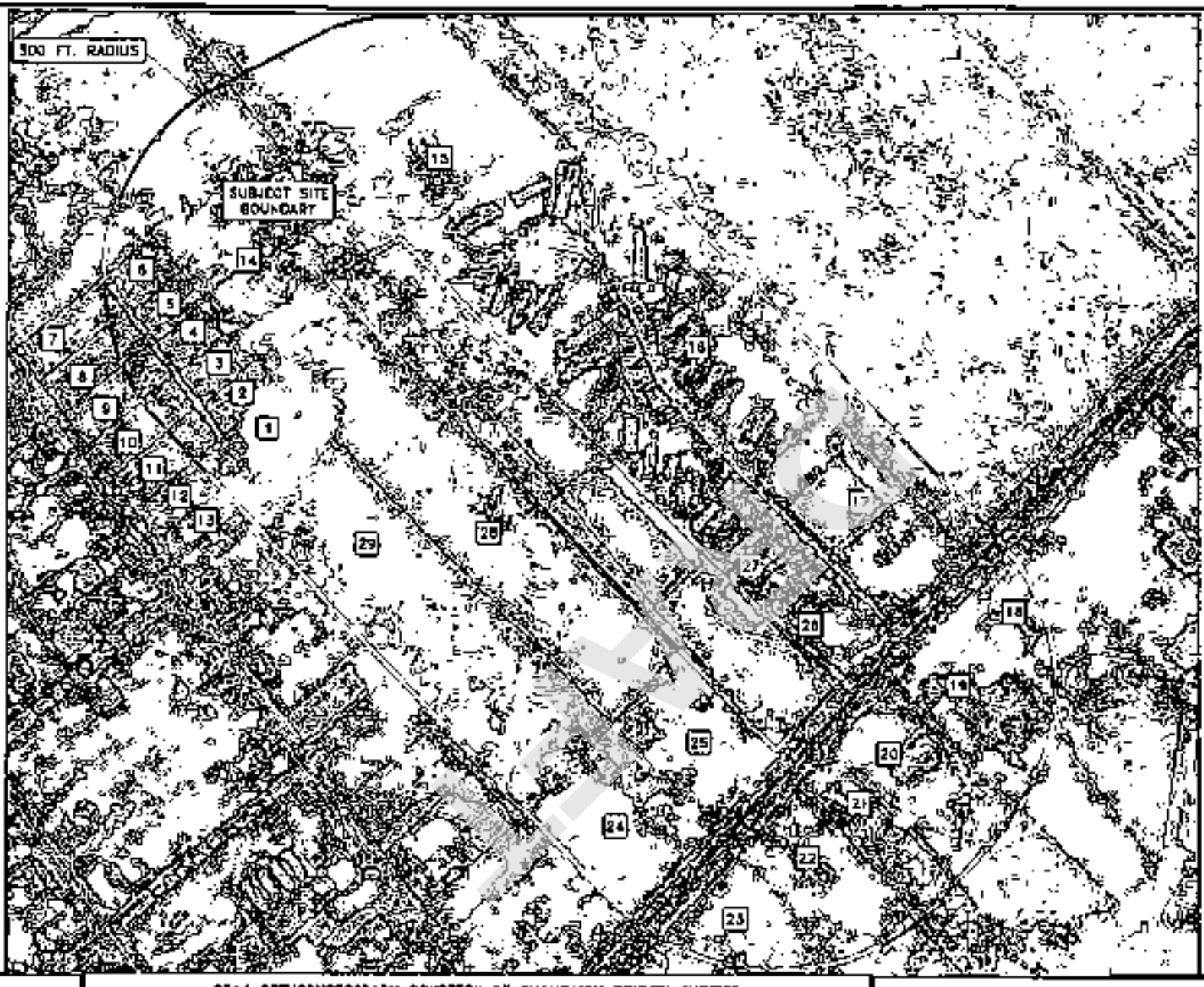

2014 ORTHOPHOTOGRAPH COURTESY OF CHAMPAIGN COUNTY AUDITOR

NORTH

SPENCE ENVIRONMENTAL CONSULTING, INC.

PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720

300 FT. SURVEY MAP

DATE: FEBRUARY 2, 2015

SCALE: 1" = 200'

300 Foot Survey Data
Preston's IGA
282 East Sandusky Street
Mechanicsburg, OH

Parcel	Map ID	Owner	Property Address	300' Survey Responses					Municipal Co
				Well on Property?	Well in use?	Explanation	Use municipal source?	Aware of other wells?	Connected to City Water?
C0721003114001 05	1	Philip W & Linda K Waskom	0 Scova Ave	No Response					Yes
C0721003114001 05	2	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	3	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	4	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	5	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	6	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	7	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	8	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	9	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	10	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	11	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	12	Philip W & Linda K Waskom	0 Scova Ave						Yes
C0721003114001 05	13	Wells Fargo Bank NA	204 Scova Avenue	No Response					N/A
C0721003114001 05	14	Philip W & Linda K Waskom	228 Scova Avenue	No Response					Yes
C0503004400C100	15	Philip W & Linda K Waskom	228 Scova Avenue						Yes
C0503004400C200	16	Darby View LLC	264 E Sandusky St	No Response					Yes
C0503004400C300	17	Realty Income Properties 19 LLC	280 E Sandusky St	No	N/A	N/A	Yes	No	Yes
C0503004400C202	18	Joseph & Julia Edwards	1 Cobb St Unit 4	Yes	Yes	Well in use at residence	No	No	No (Well)
C0503004400C201	19	Jeff Ripley	285 E Sandusky St	No Response					No (Well)
C0503004400C700	20	Joanne Hutson	283 E Sandusky St	No Response					Yes
C0503004400C502	21	Paula Mills	275 E Sandusky St	No Response					Yes
C0721003114001 05	22	Jill Gibson	271 E Sandusky St	No Response					Yes
C0721003114001 05	23	Paul & Sarah Shoemaker	251 E Sandusky St	No Response					Yes
C0721003114001 05	24	Brian & Kathia Gana	254 E Sandusky St	No	N/A	N/A	Yes	No	Yes
C0721003114001 05	25	Gaga Gana	270 E Sandusky St	No Response					Yes
C0503004400C000	26	David Kendrick	284 E Sandusky St	No	N/A	N/A	Yes	No	Yes
C0503004400C000	27	Darby View LLC	E Sandusky St	No Response					Yes
C0721003114001 05	28	Mary Tullis	E Sandusky St	No	N/A	N/A	N/A	No	Yes
C0721003114001 05	29	Mary Tullis	E Sandusky St	No	N/A	N/A	N/A	No	Yes

DRAFT

SPENCE
Environmental
Consulting, Inc.

March 4, 2015

Joseph & Julia Edwards
10555 State Route 4
Mechanicsburg, OH 43044

RE: Water Use Survey of Properties Located within 300 Feet of the following UST site:
Preston's IGA, 282 East Sandusky St., Mechanicsburg, Ohio 43044
Facility ID# 11009720

Dear Joseph and Julia Edwards:

Spence Environmental Consulting Inc. is conducting an environmental investigation on behalf of the property owner of the above referenced site to maintain compliance with the State Fire Marshal, Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR requires that a survey be conducted on every property within 300 feet of the UST site referenced above to determine if drinking water wells are or have been present. This investigation is being performed in an effort to try to protect drinking water resources

This letter was sent to you because the mobile home park property located at 10555 State Route 4 is located within 300 feet of the UST site referenced above. Please answer the four questions below and return the form within 10 days to assist us in evaluating drinking water usage within the surrounding area of the UST site. By returning this survey, you are helping us make a well-informed, environmentally responsible decision in your community. If you have any questions, please contact me by telephone at (614) 813-1403.

Sincerely,
SPENCE ENVIRONMENTAL CONSULTING, INC.

Jeff Bood
Project Geologist

Please answer the following questions by circling "Y" (YES) OR "N" (NO).

1. Is a water well installed on your property for drinking, irrigation or other purposes? (Y) N Unsure
2. If YES to #1, Is the water well still in use (if no, please explain)? (Y) N
3. Are you obtaining your drinking water from a municipal or private source (i.e. from the city or village)? Y (N)
4. Are you aware of any water wells in the area (if yes, please explain)? Y (N)

Comments: There is NO mobile home park on this Property. There is one single family house only on the property at 10555 State 4.

Signature of property owner/manager: Julia M. Edwards Date: 3-8-15

Address/Phone #: 10555 Rt 4 Mechanicsburg Ohio 937 834 4055

18

Enclosure: Self-Addressed Stamped Envelope

DRAFT

SPENCE
Environmental
Consulting, Inc

March 4, 2015

Joanne Hutson
283 E Sandusky Street
Mechanicsburg OH 43044

RE: Water Use Survey of Properties Located within 300 Feet of the following UST site:
Preston's IGA, 282 East Sandusky St., Mechanicsburg, Ohio 43044
Facility ID# 11009720

Dear Ms Hutson

Spence Environmental Consulting, Inc is conducting an environmental investigation on behalf of the property owner of the above referenced site to maintain compliance with the State Fire Marshal, Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR requires that a survey be conducted on every property within 300 feet of the UST site referenced above to determine if drinking water wells are or have been present. This investigation is being performed in an effort to try to protect drinking water resources.

This letter was sent to you because the mobile home park property located at 283 E Sandusky Street is located within 300 feet of the UST site referenced above. Please answer the four questions below and return the form within 10 days to assist us in evaluating drinking water usage within the surrounding area of the UST site. By returning this survey, you are helping us make a well-informed environmentally responsible decision in your community. If you have any questions, please contact me by telephone at (614) 813-1403.

Sincerely,
SPENCE ENVIRONMENTAL CONSULTING, INC.

Jeff Bood
Project Geologist

Please answer the following questions by circling "Y" (YES) OR "N" (NO).

1. Is a water well installed on your property for drinking, irrigation or other purposes? Y (N) Unsure
2. If YES to #1: Is the water well still in use (if no, please explain)? Y N
3. Are you obtaining your drinking water from a municipal or private source (i.e. from the city or village)? (Y) N
4. Are you aware of any water wells in the area (if yes, please explain)? Y (N)

Comments. _____

Signature of property owner/manager. Joanne Hutson Date 3-9-15

Address/Phone # 283 E Sandusky St Mechanicsburg OH 43044

Enclosure: Self-Addressed Stamped Envelope

DRAFT

70 West Columbus St. •Pickerington, Ohio • 43147 • (614) 837-4760 • fax (614) 837-4755

SPENCE
Environmental
Consulting, Inc

March 4, 2015

Brian & Keitha Gana
264 E Sandusky Street
Mechanicsburg, OH 43044

RE: Water Use Survey of Properties Located within 300 Feet of the following UST site:
Preston's IGA, 282 East Sandusky St., Mechanicsburg, Ohio 43044
Facility ID# 11009720

Dear Brian & Keitha Gana:

Spence Environmental Consulting, Inc is conducting an environmental investigation on behalf of the property owner of the above referenced site to maintain compliance with the State Fire Marshal, Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR requires that a survey be conducted on every property within 300 feet of the UST site referenced above to determine if drinking water wells are or have been present. This investigation is being performed in an effort to try to protect drinking water resources.

This letter was sent to you because the mobile home park property located at 264 E Sandusky Street is located within 300 feet of the UST site referenced above. Please answer the four questions below and return the form within 10 days to assist us in evaluating drinking water usage within the surrounding area of the UST site. By returning this survey, you are helping us make a well-informed, environmentally responsible decision in your community. If you have any questions, please contact me by telephone at (614) 813-1403.

Sincerely,
SPENCE ENVIRONMENTAL CONSULTING, INC.

Jeff Bood
Project Geologist

Please answer the following questions by circling "Y" (YES) OR "N" (NO).

1. Is a water well installed on your property for drinking, irrigation or other purposes? Y (N) Unsure
2. If YES to #1: Is the water well still in use (If no, please explain)? Y N
3. Are you obtaining your drinking water from a municipal or private source (i.e. from the city or village)? (Y) N
4. Are you aware of any water wells in the area (if yes, please explain)? Y (N)

Comments: _____

Signature of property owner/manager: Keitha Gana Date: 3/14/15

Address/Phone # 264 E. Sandusky 937-869-4136

24

Enclosure. Self-Addressed Stamped Envelope

DRAFT

SPENCE
Environmental
Consulting, Inc

March 4, 2015

David Kendrick
489 West Main Street
Plain City, OH 43064

RE: Water Use Survey of Properties Located within 300 Feet of the following UST site:
Preston's IGA, 282 East Sandusky St., Mechanicsburg, Ohio 43044
Facility ID# 11009720

Dear Mr. Kendrick:

Spence Environmental Consulting, Inc. is conducting an environmental investigation on behalf of the property owner of the above referenced site to maintain compliance with the State Fire Marshal, Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR requires that a survey be conducted on every property within 300 feet of the UST site referenced above to determine if drinking water wells are or have been present. This investigation is being performed in an effort to try to protect drinking water resources.

This letter was sent to you because the mobile home park property located at 284 E Sandusky Street is located within 300 feet of the UST site referenced above. Please answer the four questions below and return the form within 10 days to assist us in evaluating drinking water usage within the surrounding area of the UST site. By returning this survey, you are helping us make a well-informed, environmentally responsible decision in your community. If you have any questions, please contact me by telephone at (614) 813-1403.

Sincerely,
SPENCE ENVIRONMENTAL CONSULTING, INC.

Jeff Bood
Project Geologist

Please answer the following questions by circling "Y" (YES) OR "N" (NO).

1. Is a water well installed on your property for drinking, irrigation or other purposes? Y (N) Unsure
2. If YES to #1: Is the water well still in use (if no, please explain)? Y N
3. Are you obtaining your drinking water from a municipal or private source (i.e. from the city or village)? (Y) N
4. Are you aware of any water wells in the area (if yes, please explain)? Y (N)

Comments _____

Signature of property owner/manager: Donald W. Kendrick Date: 3-7-15

Address/Phone #: _____

Enclosure: Self-Addressed Stamped Envelope

70 West Columbus St. •Pickerington, Ohio • 43147 • (614) 837-4750 • fax (614) 837-4755

DRAFT

SPENCE
Environmental
Consulting, Inc.

March 4, 2015

Mary Tullis
138 S Main Street
Mechanicsburg, OH 43044

RE: Water Use Survey of Properties Located within 300 Feet of the following UST site:
Preston's IGA, 282 East Sandusky St., Mechanicsburg, Ohio 43044
Facility ID# 11009720

Dear Ms Tullis:

Spence Environmental Consulting, Inc is conducting an environmental investigation on behalf of the property owner of the above referenced site to maintain compliance with the State Fire Marshal, Bureau of Underground Storage Tank Regulations (BUSTR). BUSTR requires that a survey be conducted on every property within 300 feet of the UST site referenced above to determine if drinking water wells are or have been present. This investigation is being performed in an effort to try to protect drinking water resources.

This letter was sent to you because your property (Parcels C072100011407501 & C072100011407601) are located adjacent to the UST site referenced above. Please answer the four questions below and return the form within 10 days to assist us in evaluating drinking water usage within the surrounding area of the UST site. By returning this survey, you are helping us make a well-informed, environmentally responsible decision in your community. If you have any questions, please contact me by telephone at (614) 813-1403.

Sincerely,
SPENCE ENVIRONMENTAL CONSULTING, INC.

Jeff Bood
Project Geologist

Please answer the following questions by circling "Y" (YES) OR "N" (NO).

1. Is a water well installed on your property for drinking, irrigation or other purposes? Y (N) Unsure
2. If YES to #1, Is the water well still in use (if no, please explain)? Y N
3. Are you obtaining your drinking water from a municipal or private source (i.e. from the city or village)? Y N
4. Are you aware of any water wells in the area (if yes, please explain)? Y (N)

Comments _____

Signature of property owner/manager Mary Cathrine Tullis Date: 3-12-15

Address/Phone #: 138 So. Main St Mechanicsburg, Ohio 937-834-2011

28, 29

Enclosure. Self-Addressed Stamped Envelope

DRAFT

FAX COVER SHEET

VILLAGE OF MECHANICSBURG
18 NORTH MAIN STREET
MECHANICSBURG OHIO 43044
937-834-3197
Fax 937-834-3525

Send to Spence Environmental Consulting	From: Wendy Simpson 937-834-2720 wendysimpson@bizwoh.rr.com
Attention: Jeff Bood	Date: 3/4/15
Office location:	Office location:
Fax number 614-837-4750	Phone number:

DRAFT

Municipal Water Verification
282 East Sandusky Street
Mechanicsburg, OH

Owner	Property Address	Connected to Municipal Water?	Municipal Water available?	Comments
Former Pretions IGA	282 East Sandusky Street	Yes		
Philip W & Linda K Wolfe	126 Sceva Avenue	Yes		
Darby View Mobile Home Park	284 E Sandusky St	Yes		
David Kendrick	284 E Sandusky St	Yes		
Dollar General	288 E Sandusky St	Yes		
Joseph & Julia Edwards	10555 St Rt 4	No	Yes	
Jeff Ripley	285 E Sandusky St.	No	Yes	
Joanne Hutson	283 E Sandusky St	Yes		
Paula Mills	275 E Sandusky St	Yes		
Jill Gibson	277 E Sandusky St	Yes		
Paul & Sarah Shoemaker	261 E Sandusky St	Yes		
Brian & Keitha Gana	264 E Sandusky St	Yes		
Gage Gana	270 E Sandusky St	Yes		
Mary Tullis	1 Sceva Avenue	Yes		

Please return to: Spence Environmental Consulting, 70 West Columbus Street, Pickerington, OH 43147
jeff@spenceenv.com
Fax. (614) 837-4750

DRAFT

MAR 04 2015 11:05 From:VILLAGE OF MECHANICS 03/04/2015 09:23 5148374755 SPENCE ENVIRONMENTA To:15148374755 Page:2/2 PAGE 02/02

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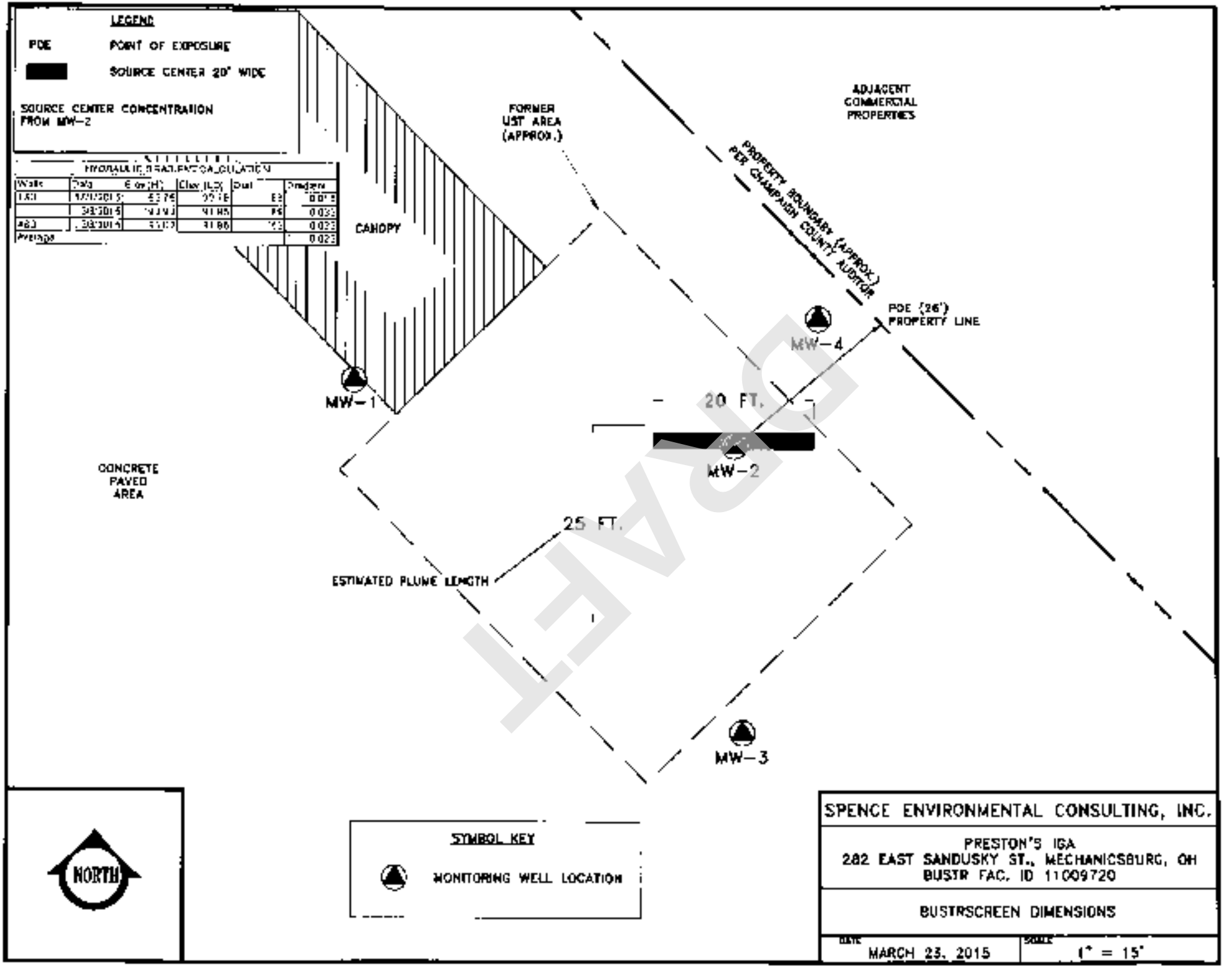
Appendix F

BUSTR-Screen Documentation

DRAFT


LEGEND
POE
POINT OF EXPOSURE
SOURCE CENTER 20' WIDE
SOURCE CENTER CONCENTRATION FROM MW-2
HYDRAULIC RETARDATION EQUATION
Well
Date
Elev (ELE)
Dist
Gradient
MW-1
MW-2
MW-3
MW-4
Average
0.023
FORMER UST AREA (APPROX.)
ADJACENT COMMERCIAL PROPERTIES
PROPERTY BOUNDARY (APPROX.) PER CHAMPAIGN COUNTY AUDITOR
POE (26') PROPERTY LINE
CANOPY
CONCRETE PAVED AREA
20 FT.
25 FT.
ESTIMATED PLUME LENGTH
NORTH
SYMBOL KEY
MONITORING WELL LOCATION
SPENCE ENVIRONMENTAL CONSULTING, INC.
PRESTON'S IGA
282 EAST SANDUSKY ST., MECHANICSBURG, OH
BUSTR FAC. ID 11009720
BUSTRSCREEN DIMENSIONS
DATE
MARCH 23, 2015
SCALE
1" = 15'
DRAFT

2005 BUSTR-Screen Fate and Transport Evaluation
Prestons IGA
Mechanicsburg

Prediction at POE
Summary of Input Parameters
(Benzene / Silt - ML, CL, OL)

Description	Source / Default	Symbol	Value	Units	Reference[1]
Chemical and Physical Properties for Benzene					
Partition Coefficient	Default	K_{oc}	81.7	L/kg	
Source Half-Life	Default	$t_{1/2}$	1.97	year	
Groundwater Action Level	Default	AL	0.005	mg/L	
Soil Parameters for Silt - ML, CL, OL					
Hydraulic Conductivity	Default	K	1.00E-02	cm/sec	
Porosity	Default	n	0.3	unitless	
Fraction of Organic Carbon	Site Specific / 0.001	foc	0.026	unitless	Table 7, Appx D
Soil Bulk Density	Default	rho	1.7	kg/L	
Site Specific Parameters					
Hydraulic Gradient	Site Specific		0.022	unitless	Appendix F
Estimated Plume Length	Site Specific	Lp	25	feet	Appendix F
Retardation Factor	Default	R	9.7	unitless	
Modeled Area Length	Site Specific		26	feet	POE, Appx F
Modeled Area Width (must exceed total plume width)	Site Specific		40	feet	Appendix F
Simulation Time	Model Specific		6	year	Steady State
Source Thickness at Saturated Zone	Default		10	feet	
Source Center Width	Site Specific		20	feet	Appendix F
Source Center Concentration	Site Specific		0.359	mg/L	Appendix F
Source Middle Width	Site Specific			feet	
Source Middle Concentration	Site Specific			mg/L	
Source Outer Width	Site Specific			feet	
Source Outer Concentration	Site Specific			mg/L	
Soluble Mass	Default		0.0556	kg	
Field Data for Comparison					
Concentration at 5 feet from source	Site Specific			mg/L	
Concentration at 7.8 feet from source	Site Specific			mg/L	
Concentration at 9.2 feet from source	Site Specific			mg/L	
Concentration at 7.8 feet from source	Site Specific			mg/L	
Concentration at 10.4 feet from source	Site Specific			mg/L	
Concentration at 13 feet from source	Site Specific			mg/L	
Concentration at 15.6 feet from source	Site Specific			mg/L	
Concentration at 18.2 feet from source	Site Specific			mg/L	
Concentration at 20.8 feet from source	Site Specific			mg/L	
Concentration at 23.4 feet from source	Site Specific			mg/L	
Concentration at 26 feet from source	Site Specific			mg/L	

[1] When referencing field data, refer to the appropriate report and page where this information was previously presented to BUSTR

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BUSTR-Screen Natural Attenuation Decision Support System

Modified from the BIOSCREEN model (Ver 1.4) developed for Air Force Center for Environmental Excellence

Preatons IGA
Mechanicsburg

Benzene
Silt - ML, CL, OL
Prediction at POE

1. HYDROGEOLOGY

Seepage Velocity*	Vs	79.3	(ft/yr)
or			
Hydraulic Conductivity	K	1.0E-03	(cm/sec)
Hydraulic Gradient	i	0.023	(ft/ft)
Porosity	n	0.3	(-)

2. DISPERSION

Longitudinal Dispersivity*	alpha x	2.0	(ft)
Transverse Dispersivity*	alpha y	0.2	(ft)
Vertical Dispersivity*	alpha z	0.0	(ft)
or			
Estimated Plume Length	Lp	25	(ft)

3. ADSORPTION

Retardation Factor*	R	9.7	(-)
or			
Soil Bulk Density	rho	1.7	(kg/L)
Partition Coefficient	Koc	61.7	(L/kg)
FractionOrganicCarbon	foc	2.5E-2	(-)

4. BIODEGRADATION

1st Order Decay Coeff*	lambda	3.5E-1	(per yr)
or			
Solute Half-Life	t-half	1.97	(year)

5. GENERAL

Modeled Area Length*	26	(ft)
Modeled Area Width*	40	(ft)
Simulation Time*	6	(yr)

6. SOURCE DATA

Source Thickness in Sat.Zone* 10 (ft)

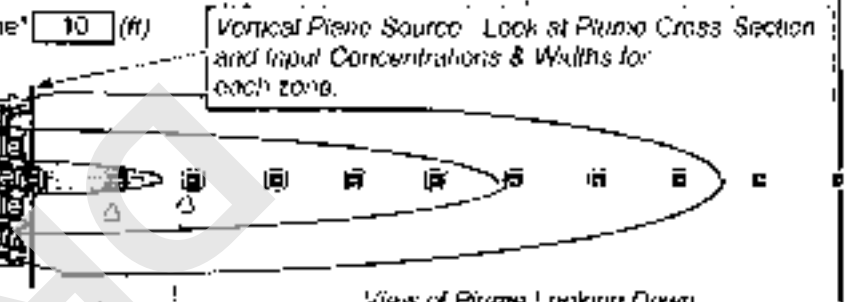
Vertical Plane Source - Look at Plume Cross Section and Input Concentrations & Widths for each zone.

Source Zones

Width* (ft)	Conc. (mg/L)*	
0	0	Outer
0	0	Middle
20	0.059	Center
0	0	Middle
0	0	Outer

Source Halflife (see Help):

Infinite	Infinite	(yr)
Inst. React.	1st Order	
Soluble Mass In Source NAPL Soil	Infinite	(kg)



View of Plume Looking Down

Observed Centerline Concentrations at Monitoring Wells
If No Data Leave Blank or Enter "0"

7. FIELD DATA FOR COMPARISON

Concentration (mg/L)	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dist from Source (ft)	0	52	156	260	364	468	572	676	780	884	988

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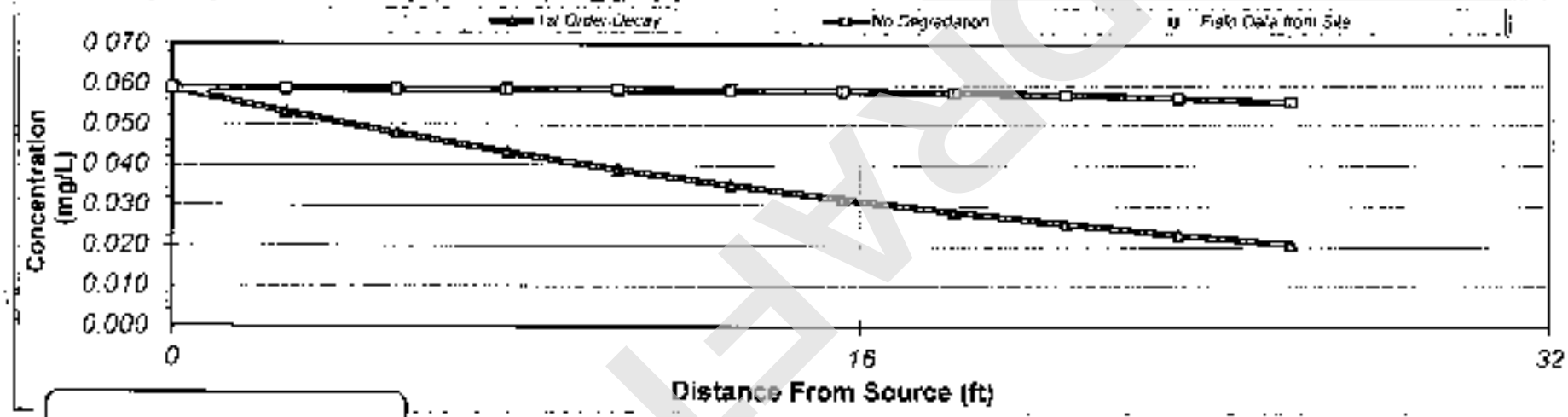
Dissolved Benzene Concentration Along Plume Centerline (mg/L at Z=0)

Silt - ML, CL, OL

Distance from Source (ft)

TYPE OF MODEL	0	3	5	8	10	13	16	18	21	23	26
No Degradation	0.059	0.059	0.059	0.059	0.059	0.059	0.058	0.058	0.058	0.057	0.056
1st Order Decay	0.059	0.053	0.046	0.043	0.039	0.035	0.032	0.028	0.026	0.023	0.021
Field Data from Site											



Calculate

Time:
5 Years

Prestons IGA
Mechanicsburg

Prediction at POE

Draft

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Appendix G

Hydraulic Conductivity Data Analysis

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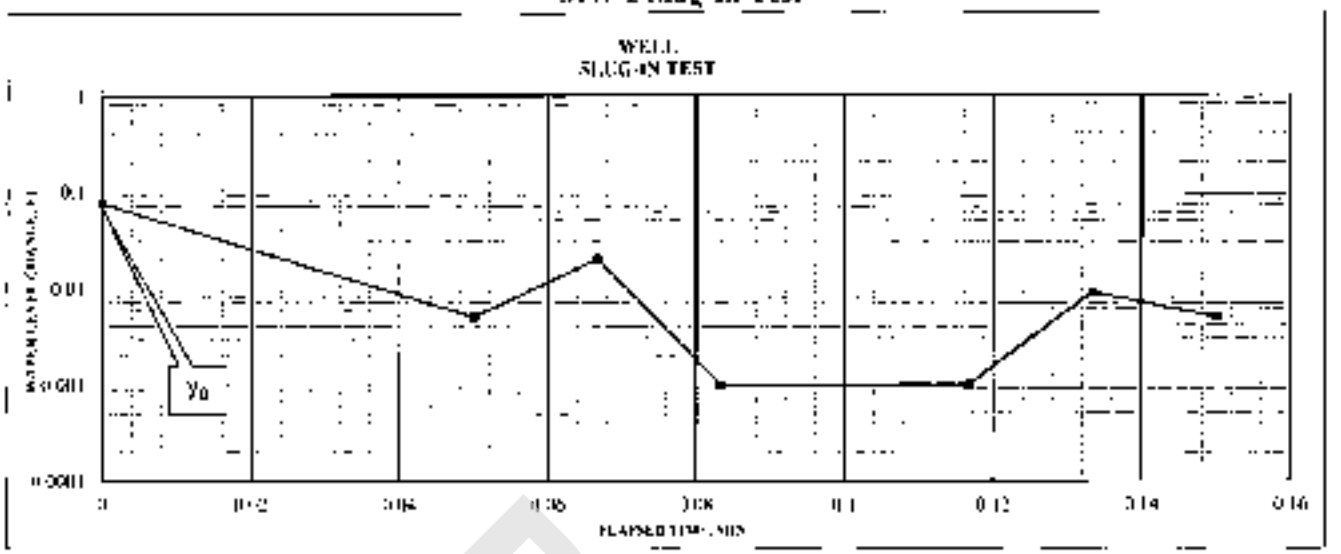
SEC, Inc.

MW-2 Slug-In Test



Bouwer and Rice(1976) Calculations

Case For Le<=L: Water Level above Screened Interval

Determined Variables:			Definition Of Variables:
H	equal to Lw	feet	saturated aquifer thickness
Lw =	16.01	feet	height of water column in well
Le =	4.1	feet	effective screen length
C =	1.5		well geometry factor
rc =	0.08	feet	radius of the well casing
rw =	0.33	feet	corrected radial distance to undisturbed portion of aquifer
Yo =	0.075	feet	water level displacement at time = 0
t =	0.15	min	arbitrary point from recovery vs time plot
Y1 =	0.1495	feet	water level displacement at t = t

Calculate: 1.00*ln(Yo/Y1)

= 18.05366801

Calculate: ln(Re/rw) = 1/[1.1+ln(Lw/rw)+C*(Le/rw)]

= 2.743361252

Calculate: K = rc^2*ln(Re/rw)^2*(1.00*ln(Yo/Y1))/(2Le)

=	2.6E-02	feet/minute
	37.4	feet/day
=	1.3E-02	cm/second

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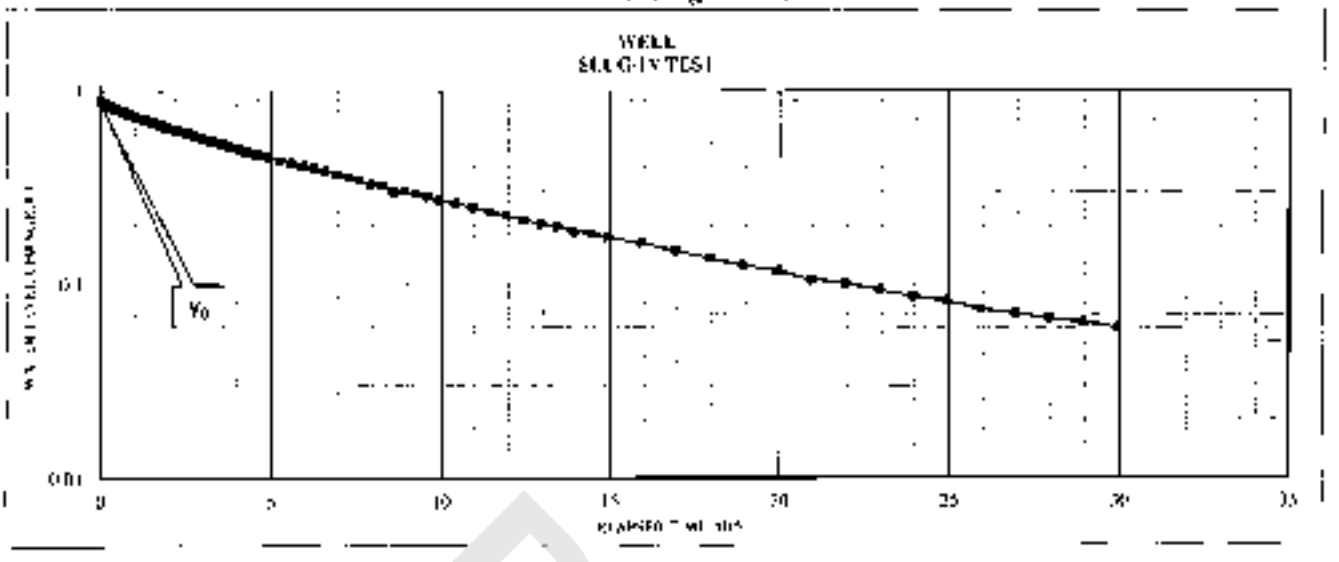
Reduced Data MW2 IN

Time (min)	Ft H20
0	0.075
0.0500	0.005
0.0667	0.02
0.0833	0.007
0.1167	0.007
0.1333	0.009
0.1500	0.005
0.1667	0.001
0.1833	0.001
0.2000	0.005
0.2167	0.005
0.2333	0.005
0.2500	0.005
0.2667	0.005
0.2833	0.005
0.3000	0.001
0.3167	0.005
0.3333	0.005
0.3500	0.005
0.3667	0.005
0.3833	0.005
0.4000	0.005
0.4167	0.005
0.4333	0.005
0.4500	0.005
0.4667	0.001
0.4833	0.005
0.5000	0.005
0.5167	0.005
0.5333	0.005
0.5500	0.005

DRAFT

MW-3 Slug-In Test



Bouwer and Rice (1976) Calculations

Case For Lw < H, Water Level above Screened Interval

Determined Variables:			**Definition Of Variables:**
H =	equal to Lw	feet	saturated aquifer thickness
Lw =	16.78	feet	height of water column in well
Le =	2.5	feet	effective screen length
C	1		well geometry factor
rc =	0.08	feet	radius of the well casing
rw	0.31	feet	center or radial distance to undisturbed portion of aquifer
Yo	0.903	feet	water level displacement at time = 0
t =	29.93	min	arbitrary time from recovery vs time plot
Yt =	0.06	feet	water level displacement at time = t

Calculate: 1/t*ln(Yo/Yt)

= 0.080593645

Calculate: ln(Re/rw) = 1/(1.1+ln(Lw/rw+(A+B*(Le/rw)^C)

= 2.427301568

Calculate: K = rc^2*ln(Re/rw)*(1/t)*ln(Yo/Yt)/(2*Le)

=	2.8E-04	feet/minute
=	0.4	feet/day
=	1.4E-04	cm/second

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Reduced Data MW3 3N

Time (min)	Ft H20
0	0.903
0.0167	0.872
0.0333	0.875
0.0500	0.872
0.0667	0.864
0.0833	0.864
0.1000	0.86
0.1167	0.856
0.1333	0.852
0.1500	0.848
0.1667	0.848
0.1833	0.844
0.2000	0.836
0.2167	0.837
0.2333	0.836
0.2500	0.829
0.2667	0.825
0.2833	0.825
0.3000	0.825
0.3167	0.821
0.3333	0.817
0.3500	0.813
0.3667	0.813
0.3833	0.809
0.4000	0.805
0.4167	0.805
0.4333	0.801
0.4500	0.801
0.4667	0.798
0.4833	0.794
0.5000	0.794
0.5167	0.79
0.5333	0.79
0.5500	0.786
0.5667	0.786
0.5833	0.782
0.6000	0.782
0.6167	0.778
0.6333	0.774
0.6500	0.778
0.6667	0.774
0.6833	0.77
0.7000	0.766
0.7167	0.766
0.7333	0.762

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Reduced Data MW3 IN

Time (min)	Ft H20
0.7500	0.762
0.7667	0.762
0.7833	0.759
0.8000	0.755
0.8167	0.751
0.8333	0.755
0.8500	0.747
0.8667	0.751
0.8833	0.747
0.9000	0.743
0.9167	0.739
0.9333	0.739
1.0167	0.727
1.1000	0.72
1.1833	0.712
1.2667	0.704
1.3500	0.697
1.4333	0.689
1.5167	0.681
1.6000	0.677
1.6833	0.669
1.7667	0.657
1.8500	0.654
1.9333	0.646
2.1000	0.63
2.2667	0.619
2.4333	0.607
2.6000	0.595
2.7667	0.583
2.9333	0.572
3.1000	0.56
3.2667	0.548
3.4333	0.541
3.6000	0.529
3.7667	0.518
3.9333	0.506
4.1000	0.498
4.2667	0.487
4.4333	0.475
4.6000	0.467
4.7667	0.459
4.9333	0.452
5.2667	0.436
5.6000	0.424
5.9333	0.409

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Reduced Data MW3 JN

Time (min)	Ft H20
6.2667	0.397
6.6000	0.382
6.9333	0.37
7.2667	0.359
7.6000	0.343
7.9333	0.331
8.2667	0.324
8.6000	0.3
8.9333	0.304
9.2667	0.293
9.6000	0.285
9.9333	0.274
10.4333	0.262
10.9333	0.25
11.4333	0.238
11.9333	0.227
12.4333	0.215
12.9333	0.207
13.4333	0.2
13.9333	0.188
14.4333	0.184
14.9333	0.176
15.9333	0.164
16.9333	0.149
17.9333	0.137
18.9333	0.126
19.9333	0.118
20.9333	0.106
21.9333	0.102
22.9333	0.094
23.9333	0.087
24.9333	0.083
25.9333	0.075
26.9333	0.071
27.9333	0.067
28.9333	0.064
29.9333	0.06

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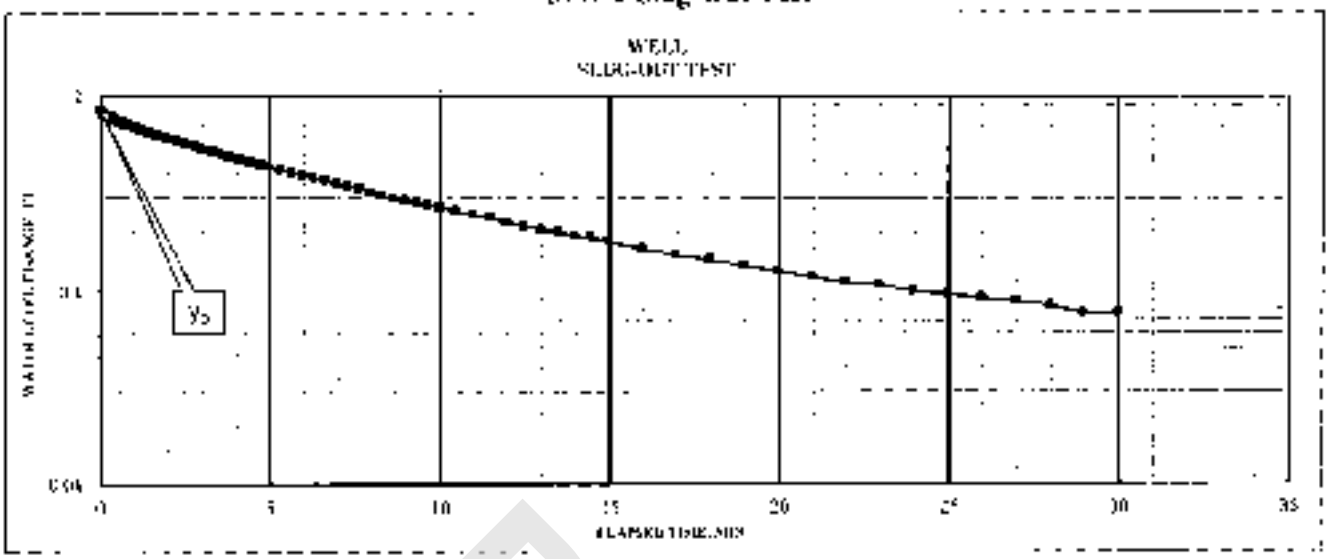
MW-3 Slug-Out Test



Bouwer and Rice(1976) Calculations

Case For Le=<, Water Level above Screened Interval

Determined Variables:			Definition Of Variables:
H =	equal to Lw	feet	saturated aquifer thickness
Lw =	16.78	feet	height of water column in well
Le =	2.5	feet	effective screen length
C =	1		well geometry factor
rc =	0.08	feet	radius of the well casing
rw	0.33	feet	nominal radial distance to undisturbed portion of aquifer
Yo =	0.859	feet	water level displacement at time = 0
t =	28.93	min	arbitrary Time from recovery vs time plot
Yt =	0.1076	feet	water level displacement at time = t

Calculate: (2A)*ln(Yo/Yt)

= 0.083824251

Calculate: ln(Re/rw) = 1/[1.1+ln(Lw/rw)+C(Le/rw)]

= 3.429301568

Calculate: K = rc^2*ln(Re/rw)*(1/t)*ln(Yo/Yt)/(2Le)

= 2.6E-04 feet/minute

= 0.4 feet/day

= 1.3E-04 cm/second

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Reduced Data MW3 OUT
Time (min) FC3120

0	0.859
0.0167	0.847
0.0333	0.839
0.0500	0.831
0.0667	0.827
0.0833	0.824
0.1000	0.82
0.1167	0.816
0.1333	0.812
0.1500	0.808
0.1667	0.804
0.1833	0.804
0.2000	0.8
0.2167	0.796
0.2333	0.792
0.2500	0.792
0.2667	0.789
0.2833	0.789
0.3000	0.785
0.3167	0.785
0.3333	0.777
0.3500	0.773
0.3667	0.773
0.3833	0.769
0.4000	0.769
0.4167	0.765
0.4333	0.765
0.4500	0.761
0.4667	0.761
0.4833	0.758
0.5000	0.754
0.5167	0.75
0.5333	0.75
0.5500	0.746
0.5667	0.746
0.5833	0.742
0.6000	0.742
0.6167	0.738
0.6333	0.734
0.6500	0.734
0.6667	0.734
0.6833	0.73
0.7000	0.726
0.7167	0.726
0.7333	0.723

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Reduced Data MW3 OUT

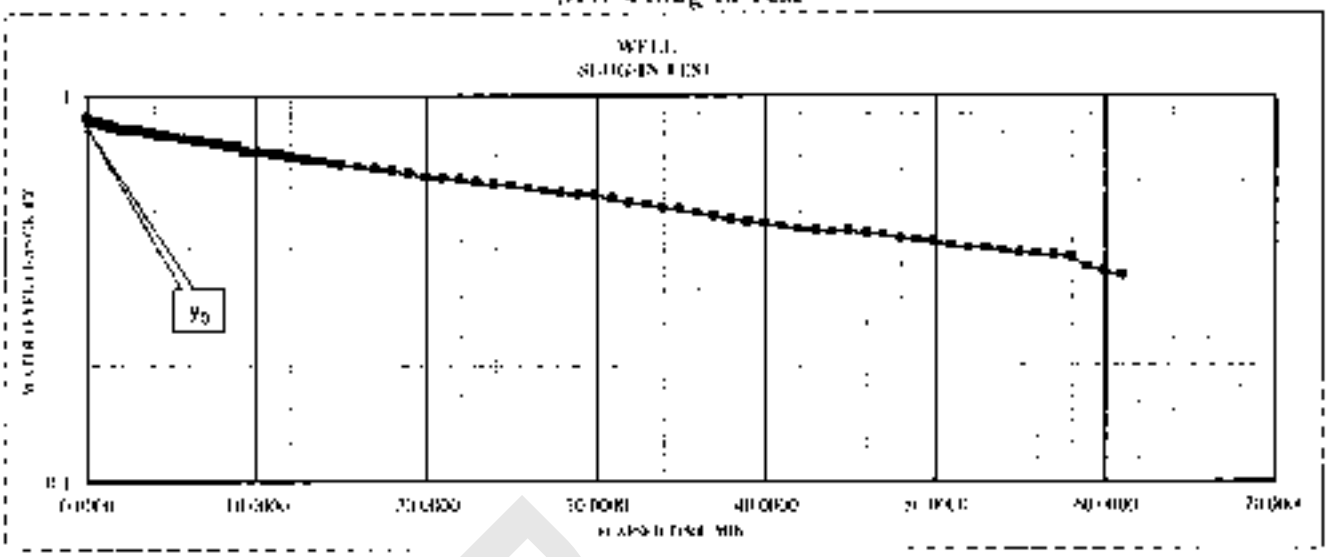
Time (min)	Ft H20
0.7500	0.723
0.7667	0.723
0.7833	0.719
0.8000	0.715
0.8167	0.715
0.8333	0.715
0.8500	0.711
0.8667	0.711
0.8833	0.707
0.9000	0.703
0.9167	0.703
0.9333	0.703
1.0167	0.695
1.1000	0.683
1.1833	0.676
1.2667	0.668
1.3500	0.66
1.4333	0.652
1.5167	0.645
1.6000	0.637
1.6833	0.633
1.7667	0.625
1.8500	0.62
1.9333	0.61
2.1000	0.602
2.2667	0.586
2.4333	0.578
2.6000	0.567
2.7667	0.555
2.9333	0.543
3.1000	0.531
3.2667	0.524
3.4333	0.512
3.6000	0.5
3.7667	0.493
3.9333	0.485
4.1000	0.477
4.2667	0.469
4.4333	0.461
4.6000	0.45
4.7667	0.446
4.9333	0.434
5.2667	0.422
5.6000	0.407
5.9333	0.395

DRAFT

Reduced Data Time (min)	MW3 OUT Ft H20
6.2667	0.383
6.6000	0.372
6.9333	0.356
7.2667	0.345
7.6000	0.337
7.9333	0.321
8.2667	0.31
8.6000	0.302
8.9333	0.294
9.2667	0.286
9.6000	0.278
9.9333	0.271
10.4333	0.259
10.9333	0.248
11.4333	0.24
11.9333	0.228
12.4333	0.216
12.9333	0.209
13.4333	0.201
13.9333	0.193
14.4333	0.189
14.9333	0.181
15.9333	0.166
16.9333	0.154
17.9333	0.146
18.9333	0.135
19.9333	0.127
20.9333	0.119
21.9333	0.111
22.9333	0.108
23.9333	0.1
24.9333	0.096
25.9333	0.092
26.9333	0.088
27.9333	0.084
28.9333	0.076
29.9333	0.076

DRAFT

MW-4 Slug-In Test



Hvorslev and Bierl (1976) Calculations

Case For Le<=L: Water Level above Screened Interval

Determine Variables:

H =	equal to Lw	feet	
Lw =	17.08	feet	height of water column in well
Le =	1.5	feet	effective screen length
C =	0.75		well geometry factor
rc =	0.08	feet	radius of the well casing
rw =	0.33	feet	corrective radial distance to undisturbed portion of aqu fer
Yo =	0.872	feet	water level displacement at time = 0
t =	60.92	min	arbitrary time from recovery vs time plot
Yt =	0.343	feet	water level displacement at time = t

Definition Of Variables:

saturated aquifer thickness
height of water column in well
effective screen length
well geometry factor
radius of the well casing
corrective radial distance to undisturbed portion of aqu fer
water level displacement at time = 0
arbitrary time from recovery vs time plot
water level displacement at time = t

Calculate: 1/t*ln(Yo/Yt)

= 0.015316136

Calculate: ln(R/rw) = 1/[1.1+A/(n(Lw/rw)+B/(Lw/rw)]

= 2.253668704

Calculate: K = rc^2*ln(Re/rw)*1/2/Le*ln(Yo/Yt)/t/2Le)

=	7.4E-05	feet/minute
=	0.1	feet/day
=	2.7E-05	cm/second

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Reduced Data MW4 IN

Time (min)	Pt H20
0.0000	0.872
0.0167	0.856
0.0333	0.86
0.0500	0.86
0.0667	0.856
0.0833	0.856
0.1000	0.856
0.1167	0.856
0.1333	0.856
0.1500	0.856
0.1667	0.856
0.1833	0.852
0.2000	0.856
0.2167	0.852
0.2333	0.852
0.2500	0.852
0.2667	0.852
0.2833	0.852
0.3000	0.852
0.3167	0.852
0.3333	0.852
0.3500	0.848
0.3667	0.848
0.3833	0.848
0.4000	0.848
0.4167	0.848
0.4333	0.848
0.4500	0.848
0.4667	0.848
0.4833	0.848
0.5000	0.848
0.5167	0.844
0.5333	0.848
0.5500	0.848
0.5667	0.848
0.5833	0.844
0.6000	0.852
0.6167	0.848
0.6333	0.844
0.6500	0.844
0.6667	0.844
0.6833	0.844
0.7000	0.844
0.7167	0.844
0.7333	0.844
0.7500	0.84
0.7667	0.844

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Reduced Data MW4 IN

Time (min)	Ft H20
0.7833	0.84
0.8000	0.84
0.8167	0.844
0.8333	0.84
0.8500	0.84
0.8667	0.84
0.8833	0.84
0.9000	0.84
0.9833	0.837
1.0667	0.837
1.1500	0.837
1.2333	0.833
1.3167	0.833
1.4000	0.827
1.4833	0.827
1.5667	0.825
1.6500	0.825
1.7333	0.821
1.8167	0.821
1.9000	0.816
2.0667	0.818
2.2333	0.817
2.4000	0.813
2.5567	0.813
2.7333	0.813
2.9000	0.813
3.0567	0.809
3.2333	0.805
3.4000	0.805
3.5567	0.798
3.7333	0.794
3.9000	0.794
4.0667	0.79
4.2333	0.786
4.4000	0.782
4.5667	0.786
4.7333	0.779
4.9000	0.779
5.2333	0.775
5.5667	0.771
5.9000	0.767
6.2333	0.763
6.5667	0.759
6.9000	0.755
7.2333	0.752
7.5667	0.748
7.9000	0.744

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Reduced Data MW4 IN
Time (min) Ft H20

8.2333	0.74
8.5667	0.736
8.9000	0.735
9.2333	0.716
9.5667	0.712
9.9000	0.713
10.4000	0.712
10.9000	0.704
11.4000	0.701
11.9000	0.693
12.4000	0.685
12.9000	0.681
13.4000	0.674
13.9000	0.674
14.4000	0.666
14.9000	0.662
15.9000	0.654
16.9000	0.646
17.9000	0.638
18.9000	0.627
19.9000	0.615
20.9000	0.611
21.9000	0.607
22.9000	0.596
23.9000	0.588
24.9000	0.584
25.9000	0.576
26.9000	0.568
27.9000	0.561
28.9000	0.553
29.9000	0.553
30.9167	0.541
31.9167	0.529
32.9167	0.522
33.9167	0.51
34.9167	0.507
35.9167	0.499
36.9167	0.487
37.9167	0.479
38.9167	0.471
39.9167	0.467
40.9167	0.46
41.9167	0.452
42.9167	0.448
43.9167	0.444
44.9167	0.448
45.9167	0.44

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Reduced Data MW4 IN
Time (min) FLI120

46.9167	0.436
47.9167	0.428
48.9167	0.424
49.9167	0.42
50.9167	0.409
51.9167	0.404
52.9167	0.404
53.9167	0.397
54.9167	0.393
55.9167	0.389
56.9167	0.386
57.9167	0.382
58.9167	0.359
59.9167	0.351
60.9167	0.345
61.9167	0.345

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Appendix H

BUSTR-Screen Model Calibration Plan

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SEC, Inc.

BUSTR-Screen Model Calibration Plan
Preston's IGA
282 East Sandusky Street
Mechanicsburg, Ohio 43044
BUSTR Release No. 11009720-N00002

BUSTR-Screen Model Calibration Plan

Based on the first phase of modeling, benzene exceeds the drinking water standard at the Point of Exposure (POE); therefore, second phase BUSTR-Screen modeling is proposed.

The purpose of this BUSTR-Screen Model Calibration Plan is to calibrate the BUSTR-Screen model by manipulating the hydraulic conductivity parameter (K).

The goals of the Calibration Plan are to:

- Calibrate the BUSTR-Screen fate and transport model by manipulating the hydraulic conductivity parameter (K).
- Use the calibrated model to develop a benzene groundwater ingestion site-specific target levels (SSTL).

Calibration using Hydraulic Conductivity Estimates

Data sets from three monitoring wells will be used during the calibration including MW-2, MW-3 and MW-4. These wells were selected since they are 2-inch diameter wells.

Slug tests have been performed on each of these wells and the data sets are included in Appendix G of the Tier 2 Evaluation Report and are summarized in Table 8. These data sets will be used in the hydraulic conductivity evaluation.

Groundwater Monitoring Plan

The goals of the groundwater monitoring program are to:

- Verify that the contaminant plume is decreasing or stable.
- Monitor the concentrations of chemicals of concern for four consecutive sampling quarters.

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Monitoring wells MW-1, MW-2, MW-3 and MW-4 will be sampled quarterly for two additional quarters resulting in a one year period. Water levels will be obtained from all four wells every quarter.

The groundwater sampling procedures will include the following:

- The depth to liquid-phase free product, groundwater and the bottom of the well casing will be determined in each well using a water level/interface probe.
- The volume of groundwater in each well (one well volume) will be calculated.
- Each well will be surged using a new disposable bailer.
- Each well will be purged of a minimum of three well volumes followed by sample collection using a new disposable bailer.
- The collected samples will be immediately placed into two 40-mL vials containing hydrochloric acid and one amber Liter jar and into a cooler with ice for preservation.

Groundwater samples will be properly preserved and shipped to the laboratory for analysis. Groundwater samples will be analyzed for gasoline and diesel chemicals of concern including benzene, toluene, ethylbenzene, xylenes, MTBE, and polynuclear aromatic hydrocarbons.

SEC will prepare a quarterly groundwater monitoring report following the first additional quarter which will describe the groundwater sampling event and will include analytical testing results and appropriate tables and figures.

Reporting

SEC will prepare a final completion report following the second and final quarter of sampling which in addition to the groundwater sampling will describe the activities performed to calibrate the BUSTR-Screen model. The report will include all pertinent information related to the model calibration including a summary of the data, calculations and graphic plots and modeling results.

The purpose of the model calibration will be to show that the maximum site concentration will not reach the POE. No point of demonstration well will be used since the only well to contain benzene is located within the former tank basin.

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Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Jacqueline T. Williams, Director

October 1, 2015

DAN TURBEN
PARK NATIONAL BANK
40 S LIMESTONE ST
SPRINGFIELD, OHIO 45502

SITE: PRESTONS IGA
282 E SANDUSKY ST
MECHANICSBURG OH
CHAMPAIGN COUNTY
RELEASE #1109720-N00002

RE: NO FURTHER ACTION STATUS REGARDING CORRECTIVE ACTION REQUIREMENTS

Dear Mr. Turben

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this release. Based on this information, BUSTR requires no further action (NFA) involving corrective action under Ohio Administrative Code (OAC) 1301:7-9-13, effective July 1, 2012.

Thank you for your cooperation. The submitted information for this release is available from BUSTR as a public record. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Scott R. Sigler
Corrective Action Supervisor

xc: Site File
Jeff Bood – Spence Environmental

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APPENDIX D: Client Provided Documentation

GRS GROUP
AN NV5 COMPANY
REAL ESTATE TRANSACTION SERVICES

PHASE I ENVIRONMENTAL SITE ASSESSMENT

DRAFT

Prepared for:

KeyBank National Association
11501 Outlook, Ste. 300
Overland Park, Kansas 66211

and

Freddie Mac

Property Identification:

Darby View
284 East Sandusky St
Mechanicsburg, OH 43044

Prepared by:

GRS Group an NV5 Company
163 Technology Dr., Suite 100
Irvine, California 92618
877 GRS CRE1 | www.grs-global.com

Report Date: February 8, 2024
GRS Project #: 24-67292.42

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O: Qualifications

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SECTION 1: OVERVIEW

Property Name	Darby View
Property Address	284 East Sandusky St, Mechanicsburg, OH 43044
Building Area	N/A
Units	33
% of Units Inspected	0%
Property Area	4.437 acres (Source: Tax Assessor Information)
Year Built	1970 (Source: Tax Assessor Information)
Current Use	Manufactured Home Community
Historical Use	Agricultural land prior to existing mobile home park improvements constructed
Known Release	None
Suspected Release	None
Regulatory Records	No Regulatory records were identified for the subject property.
AULs	No Activity and Use Limitations were identified.
Engineering Controls	No Engineering Controls were identified.
Environmental Liens	Research of environmental liens was beyond the scope of this Assessment.

1.1 Summary Tables - Conclusions & Recommendations

Recommendations and Costs

Conclusions	*Summary*	*Action Recommended?*	*Cost*
REC	None	None	$0
CREC	None	None	$0
HREC	None	None	$0
Opinion	Identified conditions do not indicate environmental impact to the subject property.	None	$0
Data Gaps	No data gaps were identified which would be likely to impact our conclusions.	None	$0

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Recommendations and Costs for Non-ASTM Scope Considerations

Issue	*Summary*	*Action Recommended?*	*Cost*
Asbestos	Suspect materials were observed to be in good condition. All suspect materials should be handled with due caution and in accordance with applicable regulations.	O&M Plan	$450
Lead-Based Paint	Based on the date of construction of the current improvements, lead-based paint may be present at the subject property. Painted surfaces were observed in generally good condition.	O&M Plan	$450
Drinking Water	Drinking water is supplied by the Village of Mechanicsburg and is reported to be in compliance with applicable regulations.	None	$0
Radon	The subject property is located in USEPA Radon Zone 1. No sampling was performed to determine site-specific radon concentrations because there are no permanent residential structures.	None	$0
Mold	No visual or olfactory evidence was identified to indicate current or past mold growth or moisture intrusion likely to result in mold growth.	None	$0
Superliens	No record of superlien statutes was found for the subject property jurisdiction.	None	$0

1.2 Data Gaps

No significant data gaps were encountered during completion of this assessment. Data gaps occur when, despite good faith efforts, the consultant is unable to identify information required to satisfy objectives of the assessment. Data gaps may result from incompleteness in any of the activities required by the ESA Standard. The ESA Standard requires that data gaps be identified in the report when they significantly impact the ability of the consultant to identify Recognized Environmental Conditions at the subject property. Limiting Conditions identified in this report are not considered to significantly impact our ability to satisfy the objectives of this assessment.

1.3 Limiting Conditions

GRS encountered the following limiting conditions in completion of the work:

- Site observations were limited to those areas identified in Section 6. Unidentified conditions may exist in areas not observed.

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- No response to our requests for regulatory information has been received. GRS Group forwarded FOIA requests to Mechanicsburg Fire and EMS and Street and Zoning Services Departments but has received no response. GRS Group telephoned but was informed that related information can be provided only through the FOIA process.

1.4 Executive Summary

1.4.1 Identified RECs

No Recognized Environmental Conditions were identified as a result of this assessment.

1.4.2 Current Use

The subject property consists of two irregular-shaped parcels totaling 4.437 acres and located on the west side of E Sandusky Street (Route 4) in the Village of Mechanicsburg, Champaign County, OH.

The subject property is developed with Darby View, a Manufactured Home Community facility consisting of thirty-three homes. The subject property is occupied by Darby View Community.

Additional improvements at the subject property include paved parking and drive areas, and associated landscaped areas.

No environmentally sensitive activities are conducted at the subject property. The subject property is used for multi-family residential purposes.

1.4.3 Historical Uses of Property and Adjoining Properties

Based on the review of available historical information, the subject property appears to have been undeveloped land from at least the 1900s through the 1930s. The subject property appears developed for agricultural use dated 1914 to 1960. The subject property is depicted consistent with the existing residential improvements beginning in 1970. No change in improvements or features was visible at the subject property since that time. According to records of the Champaign County Assessor's office, the subject property was developed with the current mobile home residential improvements in 1970. The subject property has since been used solely for residential purposes. No change in improvements or features was visible at the subject property since that time.

The general vicinity of the subject property was largely residential use and agricultural lands from as early as 1938. Large-scale residential development is visible to the south, east, southwest, and west by 1952. Increased commercial development to the north, south, and east, appears in 1973. By 2006, commercial improvements on the south adjoining property are depicted. No improvements or conditions of concern were identified as a result of this review of aerial

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photographs. Adjoining properties remained in a similar configuration throughout the remainder of the research period. None of the historical occupants of nearby properties are expected to have conducted activities likely to have resulted in adverse environmental impacts to the subject property.

1.4.4 Regulatory Review

No regulatory records were identified for the subject property.

The following regulatory records were identified for adjoining properties:

- Family Dollar #7393, 286 E Sandusky Street, adjoining to the north and down-gradient of the subject property, is listed in the RCRA-VSQG, FINDS, and ECHO databases. The facility was identified as a Conditionally Exempt Small Quantity Generator for 2015, with no violations or evaluations reported. The FINDS and ECHO database listings are related to the listing on the RCRA-VSQG database and information reported on the RCRAInfo system. Based on the absence of known releases, and down-gradient location of the property, no impacts to the subject property are expected and this adjoining site does not represent a Recognized Environmental Condition for the subject property.
- Prestons IGA, 282 E Sandusky Street, adjoining to the south and down-gradient of the subject property, is listed in the UST Finder, UST Finder Release, LUST, UST, and Archive UST databases. The facility was reported to consist of two former 1,000-gallon gasoline USTs, which were installed on an unknown date and permanently removed on July 9, 2003, as well as one 12,000-gallon gasoline UST, one 6,000-gallon gasoline UST, and one 8,000-gallon gasoline UST, all installed on May 25, 2004 and permanently removed on October 31, 2014. Reportedly, two USTs were constructed of single walled bare steel, and three were constructed of single walled fiberglass reinforced plastic. The facility was identified on the LUST database, due to a release reported on July 3, 2003, and on October 28, 2014. The release on July 3, 2003 was identified during the tank closure process, after a review on October 14, 2003 and identification of the responsible person(s), a NFA - No Further Action status was granted by Ohio EPA. The release on October 28, 2014 was identified during the tank closure process, after a review on October 1, 2015 and identification of the responsible person(s), a NFA - No Further Action status was granted by Ohio EPA. Based on the current regulatory status, the down-gradient location of the facility, and the closure/removal of all USTs onsite, no impacts to the subject property are expected and this adjoining site does not represent a Recognized Environmental Condition for the subject property.
- Gaver Tire Center, 280 E Sandusky Street, adjoining to the south of the subject property, is listed in the EDR Historical Auto Stations database. The Historical Auto Stations database is a proprietary listing developed by EDR primarily from business names listed in various historical records, such as city directories. Inclusion in the Historical Auto Stations

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database does not necessarily verify the actual on-site use or storage of hazardous materials, or the generation of hazardous wastes, nor indicate actual regulatory agency tracking or oversight. Based on the current regulatory status, the down-gradient location of the facility, and the closure/removal of all USTs onsite, no impacts to the subject property are expected and this adjoining site listing does not represent a Recognized Environmental Condition for the subject property.

1.4.5 Data Gaps

No Significant Data Gaps were encountered during completion of this assessment.

1.5 Conclusions

1.5.1 Recognized Environmental Conditions

The term "Recognized Environmental Condition" means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment, (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment, or (3) the presence of hazardous substances or petroleum products in, on or at the subject property under conditions that pose a material threat of a future release to the environment. De minimis conditions are not Recognized Environmental Conditions.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 of 284 East Sandusky St, Mechanicsburg, OH, the "subject property". Any exceptions to or deletions from this practice are described in Section 2.7 of this report.

This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the subject property.

1.5.2 Controlled Recognized Environmental Conditions

The ESA Standard defines a Controlled Recognized Environmental Condition as "*a Recognized Environmental Condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations).*" The required control may be as simple as assuring the subject property is not used for residential purposes, or may require more active measures such as the prohibition of other activities or maintenance of engineering controls. Under these conditions, a REC continues to exist at the subject property. However, that the ESA Standard does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the control(s).

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No Controlled Recognized Environmental Conditions were identified.

1.5.3 Historical Recognized Environmental Conditions

A Historical Recognized Environmental Condition may be identified when a *"previous release of hazardous substances or petroleum products affecting the subject property has been addressed to the satisfaction of the applicable regulatory authority or authorities and meets criteria for unrestricted use without subjecting the subject property to any controls.*"

No Historical Recognized Environmental Conditions were identified.

1.5.4 De Minimis Environmental Conditions

De minimis conditions are conditions related to a release that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not Recognized Environmental Conditions nor Controlled Recognized Environmental Conditions.

No de minimis environmental conditions were identified as a result of activities or conditions at the subject or nearby properties.

1.6 Non-ASTM Scope Considerations and Business Environmental Risks

Additional services were provided to evaluate non-ASTM considerations as identified in Section 2.3. Evidence of related conditions of concern was identified during the completion of the Assessment as follows:

- Asbestos-Containing Materials (ACMs) - Suspect ACMs were identified at the subject property. The materials were found to be in good condition. During completion of the site reconnaissance, no property owned units were identified onsite, no unit interiors were assessed, no asbestos-containing building material sampling was conducted.
- Lead-Based Paint (LBP) - Suspect LBP was identified at the subject property. Painted surfaces were observed to be in generally good condition. All modular homes are privately owned, no units or common buildings were property-owned. Therefore, no sampling was conducted.

1.7 Recommendations

No additional action or assessment is recommended as a result of this Assessment.

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SECTION 2: INTRODUCTION

This Phase I Environmental Site Assessment was performed by GRS for KeyBank National Association and was prepared by GRS Field Professional Andrea Giles. It was reviewed by Senior Reviewer Steve Kovach.

2.1 Purpose and Use

This assessment, along with findings, conclusions, and recommendations (collectively, the Assessment), is intended to support the evaluation of the subject property by our Client prior to accepting the subject property as collateral to support a real estate secured loan. This report may not be used by any party with an existing or contemplated ownership interest in the subject property. GRS Group has performed the agreed services in order to identify Recognized Environmental Conditions (RECs). The supporting work was not intended to be exhaustive or to guarantee the identification of every possible issue of potential concern, and may not be construed as a warranty or guarantee of any kind.

Unless expressly identified herein, all provided opinions, conclusions, and recommendations presume that the subject property occupancy and use will remain as observed at the time of our site reconnaissance and that no significant renovation, subdivision, conversion to condominiums or similar change will occur. This report will be invalidated in the event of such activities.

This report is the intellectual property of GRS Group, and may not be used or relied upon without GRS Group's express written authorization. Unauthorized use of this report is a violation of GRS Group's legal rights. Any unauthorized user of this report shall be subject to civil and criminal penalties and shall be responsible to indemnify, defend and hold GRS Group harmless from any and all losses, damages, and claims arising, in any part, from such use. When allowable under contract, GRS Group may authorize additional parties to rely on the results of this assessment. Unless otherwise agreed in writing, such parties shall be considered as parties to the agreement under which the work was performed.

2.2 Scope of Assessment

This assessment was conducted in accordance with an agreement governing the nature, scope, intent and purpose of the work, and is consistent with the scope and limitations of ASTM E 1527-13 and E 1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, the "ESA Standard" and any additional requirements identified in the agreement under which the work was performed.

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Since GRS's responsibilities are limited by the agreed scope of work, an understanding of activities not included within that scope of work is important to proper use of the information contained in this Report. Some clarification of the work performed is provided below, but a more complete list of inherent limitations is provided in Appendix C.

- No environmental site assessment can wholly eliminate uncertainty regarding the potential for Recognized Environmental Conditions in connection with a property. The ESA Standard identifies a balance between competing goals to reduce uncertainties within reasonable constraints of time and cost, and this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions in connection with the subject property within reasonable limits of time and cost. The User of the Report should be thoroughly familiar with the ESA Standard in order to assure an appropriate understanding of limitations inherent in the agreed scope of services.

- In some cases conditions encountered during completion of the Assessment, for example, limited access portions of the subject property can influence our ability to fulfill the objectives of the assessment. Where applicable, such limiting conditions are identified in the report. Also, certain work is specifically excluded by the ESA Standard. Unless expressly identified in the agreement for services, all tasks identified by the ESA Standard as "Non-Scope Considerations" are excluded from this Assessment.

- Reconnaissance conducted during this assessment was limited to accessible areas of the subject property and specific areas identified in this Report. Accordingly, conditions may exist which were not identified as a result of our assessment and which may impact our conclusions concerning the condition of the subject property. Any conditions known or discovered which were not identified during the completion of this assessment should be reported to GRS upon discovery and may impact the conclusions and recommendations of this Report.

- When provided by the client, GRS has considered "User Provided Information" in completion of this Assessment; however, GRS has no control over such information and cannot guarantee the User's satisfaction of requirements for All Appropriate Inquiry (AAI).

- Limited information concerning regulatory compliance was utilized in the preparation of this Assessment; however, the work is not intended as a compliance audit and may not be relied upon or utilized as evidence of regulatory compliance.

- The certification of AAI included in this report is intended to reflect all tasks required of the Environmental Professional in accordance with 40 CFR 312, EPA's rule on All Appropriate Inquiry.

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2.3 Non-ASTM Scope Considerations

Non-ASTM scope considerations such as asbestos-containing materials, lead-based paint, lead in drinking water, wetlands, endangered species, elevated radon concentrations, etc. can result in liabilities for property owners and disrupt planned operations or cash flow and is beyond the scope of a Phase I Environmental Site Assessment as defined by the ASTM Standard. The following additional services have been performed at the request of our Client. Any services not identified below are expressly excluded from this Assessment. All work described is in the context of and subject to the principles underlying the ESA Standard.

Recommendations

The ESA Standard requires the Consultant to provide recommendations when the Consultant is unable to obtain information which they would expect to significantly impact their ability to identify Recognized Environmental Conditions. Many Clients also look to the Consultant for recommendations to address business risks. This can be problematic since the reason for engaging the assessment and risk tolerance can vary significantly from Client to Client. Some Clients are primarily concerned with the identification of direct evidence of a release, while others are concerned to understand every possibility of a release. This distinction can significantly impact the Consultant's recommendations. In simplified form, the ESA Standard defines a Recognized Environmental Condition as the likely release of hazardous substances. A Recognized Environmental Condition is neither restricted to known releases nor intended to include any possibility of a release. Unless otherwise requested by the Client, our report will include recommendations as required by the ESA Standard along with our opinion of additional assessment necessary to assess the significant release or likely release of a hazardous substance or petroleum product at the subject property. The Client should carefully review and consider all recommendations to ensure an understanding of the underlying concerns and verify that any recommendations are consistent with their unique tolerance for risk.

Asbestos-Containing Building Materials

During the completion of the site reconnaissance, GRS looked for building materials commonly believed to contain asbestos. This assessment provides a screening for the presence of asbestos-containing materials to assist in the understanding of business risks associated with the subject property, but is not intended and may not be used for the satisfaction of regulatory requirements and is not a suitable replacement for pre-demolition or other more in-depth studies.

Lead-Based Paint

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During the completion of the site reconnaissance, GRS looked for finished surfaces to which lead-based paint (LBP) is commonly applied. This assessment provides a screening for the presence of lead-based paint to assist in the understanding of business risks associated with the subject property, but is not intended and may not be used for the satisfaction of regulatory requirements and is not a suitable replacement for pre-demolition or other more in-depth studies.

Drinking Water

GRS contacted the drinking water supplier to obtain information concerning compliance with applicable Federal regulations.

Radon

GRS has reviewed radon maps and other necessary and readily available information concerning average radon concentrations in the area of the subject property. Site-specific sampling was not completed to verify radon concentrations at the subject property.

Mold

Material and readily apparent evidence of the presence of mold which is identified during the completion of the Assessment is described in the report. No comprehensive mold assessment has been conducted. Our assessment is based solely upon observations made during the completion of this ESA. A mold and moisture survey should be completed if more comprehensive information is desired.

Superliens

GRS has reviewed readily available information in order to identify State superlien statutes.

2.4 Reliance

THIS REPORT IS FOR THE USE AND BENEFIT OF, AND MAY BE RELIED UPON BY:

(A) THE SELLER/SERVICER, FREDDIE MAC AND ANY SUCCESSORS AND ASSIGNS (“LENDER”);

(B) INDEPENDENT AUDITORS, ACCOUNTANTS, ATTORNEYS AND OTHER PROFESSIONALS ACTING ON BEHALF OF LENDER;

(C) GOVERNMENTAL AGENCIES HAVING REGULATORY AUTHORITY OVER LENDER;

(D) DESIGNATED PERSONS PURSUANT TO AN ORDER OR LEGAL PROCESS OF ANY COURT OR GOVERNMENTAL AGENCY;

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(E) PROSPECTIVE PURCHASERS OF THE MORTGAGE; AND

(F) WITH RESPECT TO ANY DEBT (OR PORTION THEREOF) AND/OR SECURITIES SECURED, DIRECTLY OR INDIRECTLY, BY THE SUBJECT PROPERTY WHICH IS THE SUBJECT OF THIS REPORT, THE FOLLOWING PARTIES AND THEIR RESPECTIVE SUCCESSORS AND ASSIGNS:

- ANY PLACEMENT AGENT OR BROKER/DEALER AND ANY OF THEIR RESPECTIVE AFFILIATES, AGENTS AND ADVISORS;
- ANY INITIAL PURCHASER OR SUBSEQUENT HOLDER OF SUCH DEBT AND/OR SECURITIES;
- ANY SERVICER OR OTHER AGENT ACTING ON BEHALF OF THE HOLDERS OF SUCH DEBT AND/OR SECURITIES;
- ANY INDENTURE TRUSTEE;
- ANY RATING AGENCY; AND
- ANY INSTITUTIONAL PROVIDER FROM TIME TO TIME OF ANY LIQUIDITY FACILITY OR CREDIT SUPPORT FOR SUCH FINANCINGS.

IN ADDITION, THIS REPORT, OR A REFERENCE TO THIS REPORT, MAY BE INCLUDED OR QUOTED IN ANY OFFERING CIRCULAR, INFORMATION CIRCULAR, OFFERING MEMORANDUM, REGISTRATION STATEMENT, PRIVATE PLACEMENT MEMORANDUM, PROSPECTUS OR SALES BROCHURE (IN EITHER ELECTRONIC OR HARD COPY FORMAT) IN CONNECTION WITH A SECURITIZATION OR TRANSACTION INVOLVING SUCH DEBT (OR PORTION THEREOF) AND/OR SECURITIES.

2.5 Methodology

Recognized Environmental Conditions (REC)

Criteria for the identification of Recognized Environmental Conditions vary substantially across the industry. Some Environmental Professionals identify Recognized Environmental Conditions whenever there is a possibility of impact to a property, while others identify Recognized Environmental Conditions only when presented with direct evidence that a release has occurred. The ESA Standard defines a Recognized Environmental Condition as "(1) *the presence of hazardous substances or petroleum products in, on or at the subject property due to a release to the environment, (2) the likely presence of hazardous substances or petroleum products in, on or at the subject property due to a release or likely release to the environment, or (3) the presence of hazardous substances or petroleum products in, on or at the subject property under conditions that pose a material threat of a future release to the environment.*" By this definition, the mere possibility of a release fails to fulfill the definition of a Recognized Environmental Condition. GRS considers both the known and likely presence of hazardous materials and conditions indicative of a release in identifying Recognized Environmental Conditions. The possible presence of hazardous materials or the mere possibility of a release does not typically represent a Recognized Environmental Condition.

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Controlled Recognized Environmental Conditions (CREC)

The ESA Standard defines a Controlled Recognized Environmental Condition as "*a Recognized Environmental Condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations).*" The required control may be as simple as assuring the subject property is not used for residential purposes, or may require more active measures such as the prohibition of other activities or maintenance of engineering controls. Under these conditions, a REC continues to exist at the subject property. It is important to understand; however, that the ESA Standard does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the control(s). In addition, a past release that previously qualified as a CREC may no longer constitute a CREC at the time of the Phase I ESA if new conditions or information have been identified such as a change in regulatory criteria, a change of use at the subject property, or a subsequently identified contamination migration pathway that was not previously known or evaluated.

Historical Recognized Environmental Conditions (HREC)

A Historical Recognized Environmental Condition may be identified when a *"previous release of hazardous substances or petroleum products affecting the subject property has been addressed to the satisfaction of the applicable regulatory authority or authorities and meets criteria for unrestricted use without subjecting the subject property to any controls.*" Note that Recognized Environmental Conditions identified previously which have been investigated with no evidence of a release found would no longer be classified as Recognized Environmental Conditions or Historical Recognized Environmental Conditions, since it has been demonstrated that no release has occurred.

Vapor Encroachment

In general, the principles and methodology of Tier 1 Screening as described in ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" were utilized to identify whether Vapor Encroachment Conditions (VEC) are present at the subject property. This evaluation is based entirely upon information discovered during the completion of this Phase I assessment and is intended solely to aid in the identification of Recognized Environmental Conditions.

2.6 Terminology

User - The ESA Standard defines the "User" of the report as the party seeking to have the Phase I ESA completed, including a potential purchaser of the subject property, a potential tenant of the subject property, a current owner of the subject property, a lender, or a property manager. In addition to obtaining an acceptable Phase I ESA report prepared by an Environmental Professional,

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any User seeking to obtain Landowner Liability Protections (LLP) or CERCLA liability is subject to certain User Responsibilities that are defined in the Federal All Appropriate Inquiries Rule and the ESA Standard, as further addressed in Section 4.0 of this report.

Business Environmental Risk (BER) - A BER is defined by ASTM as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of *commercial real estate*, not necessarily related to those environmental issues required to be investigated in this practice. Consideration of *BER* issues may involve addressing one or more non-scope considerations."

Hazardous Material - The ESA Standard defines the terms *hazardous substance* and petroleum products, however, the terms are often used in conjunction, resulting in an awkward phrase where a simpler term would be desirable. The term hazardous material is used in this report to include both hazardous substances and petroleum products as those terms are defined by the ESA Standard.

Material Threat of a Release - There is sometimes confusion regarding the meaning of the phrase "material threat of release." A *material threat* is defined in the ESA Standard as "an obvious threat which would likely result in impact to public health or the environment." The material threat of a release is used in consideration of the likelihood of a future release and has no application in consideration of a historical release.

2.7 Deviations

The ESA Standard characterizes issues that are beyond the scope of assessment as Non-Scope Considerations. Any inclusion of these issues or considerations in this assessment is described earlier in this Section: Scope of Assessment. The inclusion of this work is limited to the scope identified in the agreement under which the work was performed, is subject to underlying principles and limitations of the ESA Standard, and shall not be construed as evidence of a responsibility to evaluate other such issues or considerations.

The ESA Standard allows written interview of property owners and occupants but is structured in a way which promotes oral interview of State and/or Local Government Officials. Nonetheless, many state and government officials will provide information only upon receipt of written requests submitted under the Freedom of Information Act. Information requested or received as a result of such requests may be employed in this assessment in lieu of oral interviews of state and local government officials.

2.8 Special Terms and Conditions

This Assessment has been performed in accordance with an agreement governing the nature, scope, extent, and purpose of the work. Any conflicting provisions of that agreement supersede the provisions of other requirements referenced herein.

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SECTION 3: PROPERTY DESCRIPTION

Property Name	Darby View
Property Address	284 East Sandusky St, Mechanicsburg, OH 43044
Building Area	N/A
Property Area	4.437 acres (Source: Tax Assessor Information)
Year Built	1970 (Source: Tax Assessor Information)
Current Use	Manufactured Home Community
Number of Buildings	Thirty-three units
Routes of Property Access	Driveway access from E Sandusky Street (Route 4) to the west

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3.1 Legal Description

According to records of the Champaign County Assessor's office, the subject property is identified as Assessor's Parcel Numbers (APNs) C06-03-00-44-00-002-00; C06-03-00-44-00-002-02. The legal description for the subject property is listed as follows: *RTS 00-00-00 __ 4743 PT MCARTHUR PAR 002-02 TO BE ATTACHED, RTS 00-00-00 __ 4743 PT MCARTHUR TO BEATTACHED TO 002-00.*

3.2 Reconciliation of Property Data

Improvements observed at the subject property are consistent with information provided at the time of our engagement. No significant deviations were identified.

3.3 Site and Vicinity General Characteristics

The subject property is located in an area characterized by a mix of residential and commercial land use. Adjoining properties include single-family residential neighborhoods to the south, east, southeast, and west, commercial facilities to the northeast, and east, a light industrial facility to the south, and agricultural land to the north, south, and west.

The terrain in the area is generally level with a slight downward slope to the southeast. No surface water bodies were observed on or adjacent to the subject property. The nearest surface water feature is Baker Lake, located approximately 1,390 feet to the northwest.

3.4 Current Use

The subject property consists of two irregular-shaped parcels totaling 4.437 acres and located on the west side of E Sandusky Street (Route 4) in the Village of Mechanicsburg, Champaign County, OH.

The subject property is developed with Darby View, a Manufactured Home Community facility consisting of thirty-three homes. The subject property is occupied by Darby View Community.

Additional improvements at the subject property include paved parking and drive areas, and associated landscaped areas.

No environmentally sensitive activities are conducted at the subject property. The subject property is used for multi-family residential purposes.

3.5 Description of Improvements

Building	Darby View MHP
Construction	Type V - Unprotected. The buildings are constructed of wood load-bearing walls and interior wood framing.
Exterior Finishes	Wood siding, vinyl siding, and corrugated metal panels, wood-framed porches and stairs, concrete slabs, aluminum framed windows, wood and metal framed doors
Interior Finishes	Painted drywall, vinyl, and carpet flooring
Parking	Surface parking is provided on-site
Amenities	Not applicable
Heating Source	Individual, window A/C units, electric and natural gas furnace and condenser units for heating.
Drinking Water Provider	Village of Mechanicsburg
Waste Water Disposal	Village of Mechanicsburg
Solid Waste Disposal	Rumpke Waste and Recycling

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SECTION 4: CLIENT PROVIDED INFORMATION

A party seeking to establish Landowner Liability Protections to CERCLA liability must complete *all appropriate inquiries into the previous ownership and uses of the subject property consistent with good commercial and customary practice*, as defined by the federal All Appropriate Inquiry (AAI) rule outlined in 40 CFR Part 312. This Phase I ESA report prepared by an Environmental Professional fulfills one requirement of the AAI rule. In addition, the AAI rule lists additional User Responsibilities that must be completed by, or on behalf of, the User of the report, including:

- Research into the existence of environmental cleanup liens and Activity and Use Limitations
- Consideration of specialized knowledge or experience of the "user"
- Consideration of commonly known or reasonably ascertainable information about the subject property
- Consideration of the relationship of the purchase price to fair market value, and
- Consideration of the degree of obviousness of the presence or likely presence of contamination.

During completion of the Phase I ESA, the Environmental Professional is required to inquire to the User about each of the circumstances listed above. Any such information provided by the User must be included in the ESA report. However, such information is not required to be provided by the User to the Environmental Professional. The Environmental Professional is obligated only to report that such inquiries were made to the User, and to report any responses that were provided by the User. This does not negate the User's subsequent responsibility to address these considerations prior to completing acquisition of the property.

GRS has requested responses to these inquiries from our Client, as well as any other relevant information or documents that can assist in the identification of Recognized Environmental Conditions.

Summary of Client Provided Information

No related information was provided by the Client. As a lender, the client would not be expected to possess significant information concerning the subject property. As a result, GRS Group does not view the lack of client-provided information as a significant data gap.

4.1 Owner, Property Manager, and Occupant Information

The following additional information, discussed in relevant sections of the report, was provided by the Property Manager:

- A current rent roll

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- Completed Pre-Assessment Environmental Questionnaire

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SECTION 5: RECORDS REVIEW

5.1 Physical Setting Records

5.1.1 Topography

Description	*Findings*	*Source*
Configuration	Relatively flat, gentle slopes to the southeast	Site Observations
Elevation	1,088 feet above mean sea level	Topographic Maps
Surface Water	No surface water at the subject property	Site Observations

5.1.2 Geology

Description	*Findings*	*Source*
Formation	Paleozoic Silurian	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)
Permeability	Moderate to well drained	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)

5.1.3 Hydrology

Description	*Findings*	*Source*
Primary Aquifer	Sand and Gravel Buried Valley Aquifers	Ohio Department of Natural Resources (ODNR)
Estimated first depth to groundwater	20 to 45 feet below ground surface	Ohio Department of Natural Resources (ODNR)
Gradient	Toward the southeast	Inferred from elevation, site observations and proximity to surface water.

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5.2 Regulatory Records Review Summary

Regulatory records provide an important source of information concerning the current and historical use of hazardous materials at the subject and nearby properties. In order to satisfy ESA Standard requirements for the review of regulatory information, GRS obtained aggregated data from a commercial service specializing in the organization and reporting of regulatory information.

The information therein was reviewed by GRS. Further discussion is provided in the following report sections for all listings of the subject property, all listings of adjoining properties, and listings of other properties deemed to pose a potential risk of impacts to the subject property based on proximity, gradient relationship, or the nature and extent of known releases of hazardous substances or petroleum products.

The complete database search report is attached in Appendix I, including the agency supplying the data, and the date of the last update.

5.2.1 Subject Property Listings

No regulatory records for the subject property were identified during our review. Further, no information was discovered during the completion of this Assessment which would lead GRS Group to suspect that records should have been included in the information reviewed. As a result, no additional related assessment appears warranted.

5.2.2 Adjoining Property Listings

The following regulatory records were identified for adjoining properties:

- Family Dollar #7393, 286 E Sandusky Street, adjoining to the north and down-gradient of the subject property, is listed in the RCRA-VSQG, FINDS, and ECHO databases. The facility was identified as a Conditionally Exempt Small Quantity Generator for 2015, with no violations or evaluations reported. The FINDS and ECHO database listings are related to the listing on the RCRA-VSQG database and information reported on the RCRAInfo system. Based on the absence of known releases, and down-gradient location of the property, no impacts to the subject property are expected and this adjoining site does not represent a Recognized Environmental Condition for the subject property.
- Prestons IGA, 282 E Sandusky Street, adjoining to the south and down-gradient of the subject property, is listed in the UST Finder, UST Finder Release, LUST, UST, and Archive UST databases. The facility was reported to consist of two former 1,000-gallon gasoline USTs, which were installed on an unknown date and permanently removed on July 9, 2003, as well as one 12,000-gallon gasoline UST, one 6,000-gallon gasoline UST, and one 8,000-gallon gasoline UST, all installed on May 25, 2004 and permanently removed on October 31, 2014. Reportedly, two USTs were constructed of single walled bare steel,

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and three were constructed of single walled fiberglass reinforced plastic. The facility was identified on the LUST database, due to a release reported on July 3, 2003, and on October 28, 2014. The release on July 3, 2003 was identified during the tank closure process, after a review on October 14, 2003 and identification of the responsible person(s), a NFA - No Further Action status was granted by Ohio EPA. The release on October 28, 2014 was identified during the tank closure process, after a review on October 1, 2015 and identification of the responsible person(s), a NFA - No Further Action status was granted by Ohio EPA. Based on the current regulatory status, the down-gradient location of the facility, and the closure/removal of all USTs onsite, no impacts to the subject property are expected and this adjoining site does not represent a Recognized Environmental Condition for the subject property.

- Gaver Tire Center, 280 E Sandusky Street, adjoining to the south of the subject property, is listed in the EDR Historical Auto Stations database. The Historical Auto Stations database is a proprietary listing developed by EDR primarily from business names listed in various historical records, such as city directories. Inclusion in the Historical Auto Stations database does not necessarily verify the actual on-site use or storage of hazardous materials, or the generation of hazardous wastes, nor indicate actual regulatory agency tracking or oversight. Based on the current regulatory status, the down-gradient location of the facility, and the closure/removal of all USTs onsite, no impacts to the subject property are expected and this adjoining site listing does not represent a Recognized Environmental Condition for the subject property.

5.2.3 Regional Contamination

No regional contamination has been identified within the target search area.

5.2.4 Listings for Other Properties Within Target Search Area

The remaining listed sites within the specified search radius are greater than 500 feet distant from the subject property. None of these additional listed sites are expected to impact the subject property, based on one or a combination of the following factors: distance, gradient relationship, absence of reported releases, or regulatory closure of known release cases. Consequently, none of the remaining listings represent Recognized Environmental Conditions for the subject property.

5.2.5 Unmapped Records

Reports of regulatory records for the subject and surrounding Properties are compiled from data files published by public agencies. Data contained in those records is not always adequate to allow available mapping programs to correctly identify the subject property.

No unmapped properties were identified in the records reviewed.

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5.2.6 Evaluation of Vapor Encroachment Conditions

In general, the principles and methodology of Tier 1 Screening as described in ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" were utilized to identify whether Vapor Encroachment Conditions (VEC) are present at the subject property. Our evaluation is based entirely upon information discovered during the completion of this Phase I assessment and is intended solely to aid in the identification of Recognized Environmental Conditions.

The regulatory records identified in Section 5.1 were further reviewed using the EDR VEC App to determine if known sources of contamination are present within the areas of concern defined in E2600-15. Based on the estimated direction of groundwater flow, the Area of Concern (AOC) was adjusted to the following parameters:

- 1/10 mile up-gradient for petroleum hydrocarbon chemicals of concern (COCs)
- 1/3 mile up-gradient for non-petroleum COCs
- 100 feet down-gradient for all COCs
- 365 feet cross-gradient for all COCs

Based on the judgment of the Environmental Professional, the AOC may have been further adjusted to reflect commonly known information about subsurface soil permeability and the presence of preferential pathways for vapor migration, such as subsurface utility corridors. In addition, data regarding historical activities and land uses in the vicinity were evaluated to identify any additional likely sources of COCs that were not identified in the regulatory records identified in Section 5.1.

No known or suspected release of COCs to soil or groundwater has been identified at the subject property which would result in a Vapor Encroachment Condition.

Based on the evaluation of the regulatory records identified in Section 5.2, no known or suspected release of COCs to soil or groundwater has been identified within the Area of Concern. Consequently, no resulting Vapor Encroachment Condition exists for the subject property.

5.2.7 Additional Environmental Record Sources

The following additional environmental record sources were reviewed:

Area of Concern	*Agency/Record Source*	*Summary of Findings*
Fire Department	Mechanicsburg Fire & EMS Department	A request for information has been submitted under the Freedom of Information Act; however, no related information has been received.

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Area of Concern	*Agency/Record Source*	*Summary of Findings*
State Environmental Department	Ohio Environmental Protection Agency	A request for information has been submitted under the Freedom of Information Act; however, no related information has been received.
Oil and Gas Exploration	Ohio Department of Natural Resources (ODNR)	Based upon a review of mapping resources and on-site observations, there is no evidence of oil and natural gas exploration or extraction at the subject property.
Mining	Ohio Department of Natural Resources (ODNR)	Based upon a review of mapping resources and on-site observations, there is no evidence of mineral resources exploration or extraction at the subject property.

5.3 Historical Use of Property and Adjoining Properties

5.3.1 Summary

Based on the review of available historical information, the subject property appears to have been undeveloped land from at least the 1900s through the 1930s. The subject property appears developed for agricultural use dated 1914 to 1960. The subject property is depicted consistent with the existing residential improvements beginning in 1970. No change in improvements or features was visible at the subject property since that time. According to records of the Champaign County Assessor's office, the subject property was developed with the current mobile home residential improvements in 1970. The subject property has since been used solely for residential purposes. No change in improvements or features was visible at the subject property since that time.

The general vicinity of the subject property was largely residential use and agricultural lands from as early as 1938. Large-scale residential development is visible to the south, east, southwest, and west by 1952. Increased commercial development to the north, south, and east, appears in 1973. By 2006, commercial improvements on the south adjoining property are depicted. No improvements or conditions of concern were identified as a result of this review of aerial photographs. Adjoining properties remained in a similar configuration throughout the remainder of the research period. None of the historical occupants of nearby properties are expected to have conducted activities likely to have resulted in adverse environmental impacts to the subject property.

Historical Heating Fuel - The buildings are currently heated with natural gas/electricity. No evidence of the historical use or storage of heating oil at the subject property was identified.

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Fill Materials - No evidence of the historical placement of fill materials was identified during our review of historical information. Though the placement of fill materials cannot be ruled out, no significant depressions, pits, or other features suggestive of the likely placement of fill were identified in a review of historical topographic maps and aerial photos.

Standard Historical Source	*Reviewed?*	*Concerns?*	*Comments*
Aerial Photographs	✔		
Fire Insurance Maps			Sanborn fire insurance maps not available for subject property vicinity
Property Tax Files	✔		
Recorded Land Title Records			Research of land title records not included within scope of this assessment
USGS Topographic Map	✔		
Local Street Directories	✔		
Building Department Records			Municipal building permit records were not available for review
Zoning/Land Use Records	✔		
Other Historical Sources	✔		
Prior Environmental Reports			Previous environmental assessment reports not provided for review

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5.3.2 Aerial Photographs

The following aerial photographs were reviewed:

Source	*Year*
EDR	1938, 1952, 1959, 1960, 1973, 1980, 1989, 1994, 2001, 2006, 2011, 2015, 2019

Summary of Aerial Photographs

Subject Property - The subject property appears developed for agricultural use on aerial photographs dated 1938 to 1960. The subject property is depicted consistent with the existing residential improvements beginning in 1973. No change in improvements or features was visible at the subject property since that time.

Nearby Properties - The general vicinity of the subject property was largely residential use and agricultural lands from as early as 1938. Large-scale residential development is visible to the south, east, southwest, and west by 1952. Increased commercial development to the north, south, and

east, appears in 1973. By 2006, commercial improvements on the south adjoining property are depicted. No improvements or conditions of concern were identified as a result of this review of aerial photographs.

5.3.3 Fire Insurance Maps

GRS Group contacted the current owner of the Sanborn Fire Insurance Map collection to identify records for the subject property and surrounding area. No fire insurance maps were reported to be available for the subject property.

5.3.4 Property Tax Files

Property tax records were reviewed on the Champaign County Tax Assessor's online database. The subject property is identified as Assessor's Parcel Numbers C06-03-00-44-00-002-00; C06-03-00-44-00-002-02 containing 4.363 acres. The improvements are listed as developed in 1970 and land use is noted as Trailer or Mobile Home Park. The current owner is identified as OHME Darby MHP LLC, which acquired the subject property in 2016. No records of environmental concern were identified.

5.3.5 Recorded Land Title Records

Research and review of recorded land title records was beyond the scope of our assessment.

5.3.6 USGS Topographic Maps

The following topographic maps were reviewed:

Quad	*Year*
Mechanicsburg, Ohio	1914, 1916, 1944, 1961, 1980, 2013, 2016, 2019

Summary of Topographic Maps

Subject Property - The subject property is depicted as undeveloped on topographic maps dated 1914 to 2019.

Nearby Properties - The general vicinity of the subject property was largely undeveloped until 1944, when large-scale residential development began to the north, south, east, and west. Commercial and residential development of the area proceeded through 2013, when development in the area appears to have stabilized. No historical features of concern at nearby properties were identified on any of the reviewed maps.

5.3.7 Local Street Directories

The following street directories were reviewed in completion of this Assessment:

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- EDR - 1992, 1995, 2000, 2005, 2010, 2014, 2017, 2020

Subject Property - No listings associated with the subject property were identified prior to 1992. Beginning in 1992, various residential tenants were listed for the subject property address. Residential listings for this address are included in directories dated 1995 to 2020.

Nearby Properties - The vicinity of the subject property was not covered prior to the 1992 city directory. Individuals (residents) are listed to the north, south, and east of the subject property beginning in 1992. By 2005, the south adjoining property was identified as Chet S Food Market Inc. and RAL Real Estate LLC (282 E Sandusky Street). The former gas station on the south adjoining property is identified as Prestons IGA and UHaul Co (282 E Sandusky Street) by 2010, Family Dollar Store (286 E Sandusky Street) is identified on the north adjoining property. By 2020, Hemisphere Coffee Roasters LLC (275 E Sandusky Street) is identified on the east adjoining property. Refer to Section 4.1.2 for a discussion of regulatory listings associated with the former gas station located on the south adjoining property.

5.3.8 Building Department Records

Building department records were not available for review. GRS Group contacted the building department on February 1, 2024. The records clerk stated that records for the subject property were not readily available for review, and all requests have to be submitted through the FOIA process.

5.3.9 Zoning/Land Use Records

Zoning maps reviewed online show the subject property to be zoned C-415, Trailer or Mobile Home Park.

5.3.10 Other Historical Sources

No other relevant historical records for the subject property were found or reviewed during the completion of this assessment.

5.3.11 Prior Assessments

No prior reports were reviewed during our assessment.

5.3.12 Data Failure

No Data Failure was encountered during the completion of this assessment. The earliest research date was 1940 or earlier and the subject property was undeveloped at that time. Research intervals of more than five years were encountered during our review of historical sources; however,

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activities at the subject property were found to be consistent at the beginning and end of these extended research intervals. In accordance with ASTM criteria, such intervals do not constitute data failure.

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SECTION 6: SITE RECONNAISSANCE

No conditions or improvements of environmental concern were observed during our reconnaissance of the subject property. GRS Group's site reconnaissance of exterior areas included observation of the subject property from nearby streets, along the perimeter of the subject property, and the periphery of each building. Open areas of the subject property were traversed at intervals of approximately 100 feet. Interior observations included all common spaces, maintenance facilities, and storage areas.

Site Observations

Property Evaluator	Michael Alger	Escorted by	Tonia Herrera
Date	January 30, 2024	Escort title	Property Manager
Weather	Cloudy	Temperature	36 degrees F

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6.1 Common Concerns

Observations of conditions and improvements indicative of environmentally-sensitive activities and materials, if any, are summarized in the following table.

Concern	*Present?*	*Comments*
Above Ground Storage Tanks	No	
Drums/Totes/Bulk Containers	No	
Dry Wells	No	
Electrical Transformers	Yes	Pad-mounted transformers throughout the subject property
Floor Drains	No	
Grease Trap	No	
Hydraulic Equipment	No	
Hazardous Material Use	No	
Other Suspect Containers	No	
Petroleum Products	No	
Pits, Ponds, and Lagoons	No	
Processes of Concern	No	
Septic System	No	
Separator/Clarifier/Settlement Tank	No	
Solid Waste Dumping/Landfills	No	
Stained Soil	No	

Concern	*Present?*	*Comments*
Staining/Corrosion	No	
Stockpiled Soils	No	
Stressed Vegetation	No	
Subsidence	No	
Strong, Pungent or Noxious Odors	No	
Sumps	No	
Surface Repairs (e.g. UST removal)	No	
Underground Pipeline	No	
Underground Storage Tanks	No	
Wastewater/Stormwater Discharge Features (e.g. Sanitary Sewage)	No	
Wells	No	

Electrical Transformers - GRS Group identified several pad-mounted transformers spread throughout the subject property. The transformers are labeled as the property of the local electric utility, AES Ohio. Based on the date of construction of the subject property (1970), the transformers may contain PCB-contaminated dielectric fluid; however, the transformers were observed in good condition with no sign of leaking or release. The onsite presence of the transformers is not considered a Recognized Environmental Condition.

6.2 Additional Concerns

No additional concerns were identified during the site reconnaissance.

6.3 Adjoining Properties

The occupants, uses and activities described in the following table were observed at adjoining properties during the site reconnaissance:

Direction	*Activities*	*Comments*
North	Family Dollar (286 E Sandusky Street), agricultural land with no structures present	No impact is expected
South	Advanced Technology Products (282 E Sandusky Street), agricultural land with no structures present, and single-family residential homes	No impact is expected

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Direction	*Activities*	*Comments*
East	E Sandusky Street followed by single-family residential homes, Hemisphere Coffee Roasters (275 E Sandusky Street)	No impact is expected
West	Single-family residential homes and agricultural land	No impact is expected

No evidence of the use or storage of hazardous materials, or surface staining or other indications of hazardous substance spills or releases, was observed along the adjoining property boundaries.

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SECTION 7: INTERVIEWS

Position	*Name*	*Company*	*Title*	*Contact Information*	*Interview Date*
Key Site Manager	Tanya Herrera	OHME Darby MHP	Property Manager	614.810.7295	January 30, 2024

Key Site Manager

The Key Site Manager has been associated with the subject property for two years. She reported no knowledge of past contamination or cleanup activities and was unaware of any release or areas of concern associated with the subject property.

Current Occupants

Interview of current occupants is not required for residential properties. Since GRS Group found no areas in which such interviews would be expected to provide meaningful information, interviews were not conducted with current occupants.

Past Owners and Occupants

Interview of past owners and occupants is typically performed when adequate information concerning past activities at the subject property is not available from other sources. No interview of past owners or occupants was necessary for the completion of this assessment.

Neighboring Property Owners and Occupants

Interview of neighboring property owners was not necessary in our assessment of historical activities at the subject property.

Local Government Officials

Building Department - GRS Group contacted the Village of Mechanicsburg Street and Zoning Services Department. The records clerk indicated that requests for information are normally handled through the FOIA process. GRS Group has submitted a FOIA request, the results of which are pending.

Fire Department - GRS Group contacted the local fire department. The records clerk indicated that requests for information are normally handled through the FOIA process. GRS Group has submitted a FOIA request, the results of which are pending.

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SECTION 8: NON-ASTM SCOPE CONSIDERATIONS

Assessment of the following non-ASTM scope considerations was performed:

8.1 Asbestos-Containing Building Materials

Asbestos-containing building materials may be present at the subject property. Asbestos has historically been present in a wide variety of building materials, although the use of asbestos-containing materials significantly decreased after 1981. The subject property was developed with the existing improvements in 1970, at a time when the use of asbestos-containing building materials was common.

During completion of the site reconnaissance, no property owned units were identified onsite, no unit interiors were assessed, no asbestos-containing building material sampling was conducted.

An Operations and Maintenance plan should be implemented to ensure the appropriate long-term handling of building materials suspected of containing asbestos.

8.2 Lead-Based Paint

The subject property was constructed at a time when the use of lead-based paints was common. While lead-based paint may be present at the subject property, no sampling was conducted because suspect materials were observed to be in good condition.

An Operations and Maintenance program should be implemented to ensure the appropriate handling of suspect materials.

8.3 Drinking Water

Drinking water is supplied by the Village of Mechanicsburg and is reported to be in compliance with applicable regulations. A copy of the most recent water quality report published by the Village of Mechanicsburg is provided in Appendix N.

8.4 Radon

The subject property is located in an area designated by the USEPA as Radon Zone 1, an area with predicted average indoor radon concentrations greater than 4.0 picoCuries per liter of air (pCi/L), above the concentration at which the USEPA typically recommends additional action. No sampling was performed to determine site-specific radon concentrations because there are no permanent residential buildings.

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8.5 Mold

Tonia Herrera, Property Manager, was interviewed during our assessment and had no knowledge of past or present areas of mold growth or moisture intrusion at the subject property or of related tenant complaints. During our site reconnaissance, no visual or olfactory evidence was identified to indicate current or past mold growth or moisture intrusion likely to result in mold growth.

8.6 Superlien Statutes

In some jurisdictions, a government agency that expends funds to investigate or cleanup hazardous wastes can file a lien that takes priority over all other liens, including mortgage liens. When this occurs, a lender's ability to recover loan funds may be impacted.

No evidence of a past investigation or cleanup by state or local agencies or conditions likely to result in such investigation or cleanup was found during our Assessment.

No record of superlien statutes was found for the subject property jurisdiction.

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SECTION 9: CERTIFICATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property.

We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312 except as follows:

- GRS made the additional inquiries to the User of the report, as required under section 312.22 of 40 CFR 312. However, responses to these questions were not provided by the User, and 40 CFR Section 312 does not require that this information be provided to the environmental professional. However, in order to qualify for innocent landowner, contiguous property owner, or bona fide prospective purchaser protections under CERCLA, any User of this report must independently conform with these requirements.

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Andrea Giles
Field Professional

Steve Kovach
Senior Project Manager

Freddie Mac Form 1103

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Environmental Site Assessment

Section I: Summary

Mortgage, Consultant and Property Information

Freddie Mac loan number: 509904130	Report date: February 8, 2024
Seller/Servicer name: KeyBank National Association	
Seller/Servicer number: 110774	Inspection date: January 30, 2024
Environmental consultant (firm name): GRS Group, an NV5 Company	
Address: 163 Technology Drive, Suite 100	
City, State, Zip: Irvine, CA 92618	
Telephone number: (877) 477-2731	
Name of inspector: Michael Alger	

Property name: Darby View	
Address: 284 East Sandusky St	
City, State, Zip: Mechanicsburg, OH 43044	
Number of units: 33	Number of residential buildings: 0
Number of ground floor units: 0	Date of construction: 1970
On-site contact (with title): Tanya Herrera, Property Manager	
On-site contact telephone number: 614.810.7295	

Environmental Report Results

Check the applicable result for each hazard and provide costs where appropriate.

Environmental Issue	Acceptable	Indicate if O&M Program Required	Mitigation Cost	Additional Information Required	Section and Page Number(s)
Hazardous materials	☑	☐		☐	
Storage tanks	☑	☐		☐	
Polychlorinated biphenyls (PCBs)	☑	☐		☐	
Prior use	☑	☐		☐	
Neighborhood hazardous waste activity	☑	☐		☐	
Asbestos-containing materials (ACM)	☑	☑		☐	
Lead-based paint (LBP)	☑	☑		☐	
Drinking water quality	☑	☐		☐	
Mold	☑	☐ MMP		☐	
Radon	☑	☐		☐	

Does the law of the Property Jurisdiction provide for an "environmental superlien?" ☐ Yes ☑ No

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Freddie Mac MULTIFAMILY

Environmental Site Assessment

Section II: Private Wells, Radon and Attachments

Freddie Mac loan number: 509904130	Report date: February 8, 2024	Property name: Darby View
Seller/Servicer name: KeyBank National Association		Address: 284 East Sandusky St
Seller/Service number: 110774	Inspection date: January 30, 2024	City, State, Zip: Mechanicsburg, OH 43044

Private Wells

Are there private wells at the property used for drinking water? ○ Yes ◉ No

Radon

Were radon data elements reported to the designated data collection website? ○ Yes ◉ No

Explain below:
All mobile home units are privately owned

Attachments

Property inspection photographs:	☑ Attached	☐ Not attached	
Asbestos sample analysis:	☐ Attached	☑ Not attached	☐ Not required

Explain below:
All mobile home units are privately owned, no interior access was provided.

Lead-based paint sample analysis:	☐ Attached	☑ Not attached	☐ Not required

Explain below:
All mobile home units are privately owned, no interior access was provided.

Radon test results:	☐ Attached	☑ Not attached

Explain below:
All mobile home units are privately owned, no permanent structures onsite.

Aerial photographs:	☑ Attached	☐ Not attached	☐ Not available
Sanborn maps:	☐ Attached	☐ Not attached	☑ Not available

Other comments:

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Freddie Mac MULTIFAMILY

Environmental Site Assessment

Section III: Unit Inspection and Certification

Freddie Mac loan number	Report date	Property name
509904130	February 8, 2024	Darby View
Seller/Servicer name		**Address**
KeyBank National Association		284 East Sandusky St
Seller/Service number	**Inspection date**	**City, State, Zip**
110774	January 30, 2024	Mechanicsburg, OH 43044

Units Inspected

List the units inspected below.

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

Consultant's Certification

On behalf of the environmental consultant, the undersigned hereby certifies that:

- The attached environmental report was prepared by the consultant in accordance with all applicable requirements in the Freddie Mac *Multifamily Seller/Servicer Guide*.
- The report was prepared in a manner consistent with generally accepted industry practices and standards.
- All information is true and correct, to the best of the undersigned's knowledge, and reflects the consultant's best professional opinion and judgment.
- No changes or additions have been made to the standard provisions of this form other than those expressly approved in writing by Freddie Mac.

Consulting firm name	
GRS Group, an NV5 Company	
Signature of authorized representative	**Date**
	February 8, 2024
Name (typed or printed)	**Title**
Steve Kovach	Senior Project Manager

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A: Site Location and Site Plan

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Location Map

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Aerial Photo

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Site Plan

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

B: Photographs

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1

Monument signage

2

Home exteriors

3

Home exteriors

4

Home exterior

5

Home exteriors

6

Home exteriors

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7

Home exteriors

8

Mailbox kiosks

9

Entrance driveway

10

Asphalt-paved drive lane

11

Home HVAC unit

12

Pad-mounted transformer

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13

Electrical meter

14

Trash bin

15

Gas meter

16

Fire hydrant

17

North adjoining property

18

South adjoining property

DRAFT

19

South adjoining property

20

East adjoining property

21

East adjoining property

22

Northeast adjoining property

23

Southeast adjoining property

24

West adjoining property

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25

West adjoining property

DRAFT

C: Scope of Work

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Exclusions from and Limitations of the ESA Standard

General

The following information concerning exclusions from the ESA standard is provided for clarification and is not intended to reduce or limit similar clarifications contained within the ESA Standard. Certain inherent limitations in the ESA Standard are discussed here; however, the reader should review the full standard in order to assure an appropriate understanding of work.

Principles of the ESA Standard

Considerations Beyond Scope—The use of this practice is strictly limited to the scope set forth in this section. Section 13 of this practice identifies, for informational purposes, certain environmental conditions (not an all- inclusive list) that may exist on a property that are beyond the scope of this practice but may warrant consideration by parties to a commercial real estate transaction. The need to include an investigation of any such conditions in the environmental professional's scope of services should be evaluated based upon, among other factors, the nature of the property and the reasons for performing the assessment (for example, a more comprehensive evaluation of business environmental risk) and should be agreed upon between the user and environmental professional as additional services beyond the scope of this practice prior to initiation of the environmental site assessment process

CERCLA Requirements Other Than Appropriate Inquiry—This practice does not address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the LLPs (for example, the duties specified in 42 U.S.C. §9607(b)(3)(a) and (b) and cited in Appendix X1, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

Other Federal, State, and Local Environmental Laws—This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in this practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

Practically Reviewable—information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically

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reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Reasonably Ascertainable—information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Non-Scope Considerations

(Excerpted from the ESA Standard)

The following are identified as "Non-Scope Considerations under the ESA Standard. Unless expressly identified in the agreed proposal for services, all tasks identified below are excluded from this Assessment.

13.1 General:

13.1.1 Additional Issues—There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations). As noted by the legal analysis in Appendix X1 of this practice, some substances may be present on a property in quantities and under conditions that may lead to contamination of the property or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601(14)) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice.

13.1.2 Outside Standard Practices—Whether or not a user elects to inquire into non-scope considerations in connection with this practice or any other environmental site assessment, no assessment of such non-scope considerations is required for appropriate inquiry as defined by this practice.

13.1.3 Other Standards—There may be standards or protocols for assessment of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities.

13.1.4 Compliance with AULs—Parties who wish to qualify for one of the LLPs will need to know whether they are in compliance with AULs, including land use restrictions that were relied upon in connection with a response action. A determination of compliance with AULs is beyond the scope of this practice.

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13.1.5 List of Additional Issues—Following are several non-scope considerations that persons may want to assess in connection with commercial real estate. Some common non-scope considerations are discussed further in Appendix X1 and Appendix X5. No implication is intended as to the relative importance of inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all-inclusive:

13.1.5.1 Asbestos-Containing Building Materials,

13.1.5.2 Biological agents,

13.1.5.3 Cultural and historic resources,

13.1.5.4 Ecological resources,

13.1.5.5 Endangered species,

13.1.5.6 Health and safety,

13.1.5.7 Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment,

13.1.5.8 Industrial hygiene,

13.1.5.9 Lead-Based Paint,

13.1.5.10 Lead in Drinking Water,

13.1.5.11 Mold,

13.1.5.12 Radon,

13.1.5.13 Regulatory compliance, and

13.1.5.14 Wetlands

Activity Exclusions

- Accessing manholes or utility pit
- Entering of plenum, crawl, or confined space areas (however, the field observer should observe conditions to the extent easily visible from the point of access to the crawl or confined space areas, provided such points of access are readily accessible), determination of previous substructure flooding or water penetration unless easily visible or if such information is provided
- Walking on pitched roofs, or any roof areas that appear to be unsafe, or roofs with no built-in access, or

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- determining any roofing design criteria
- Testing and design of equipment
- Collection of samples except as identified in the agreement under which the work is performed.
- Removing, relocating, or repositioning of materials, ceiling, wall, or equipment panels, furniture, storage containers, personal effects, debris material or finishes; conducting exploratory probing or testing; dismantling or operating of equipment; or disturbing personal items or property, that obstructs access or visibility,
- Preparing engineering calculations to determine any the adequacy or compliance of systems and components,
- Reporting on subterranean conditions
- Entering or accessing any area of the premises deemed to potentially pose a threat of dangerous or adverse conditions with respect to the field observer's health or safety, or to perform any procedure, that may damage or impair the physical integrity of the property, any system, or component.
- Compliance with any federal, state, or local statute, ordinance, rule or regulation including, but not limited to, fire and building codes, life safety codes, environmental regulations, health codes, zoning ordinances, compliance with trade design standards, or standards developed by the insurance industry.
- Compliance of any material, equipment, or system with any certification or actuation rate program, vendor's or manufacturer's warranty provisions, or provisions established by any standards that are related to insurance industry acceptance/approval, such as FM, State Board of Fire Under-writers, etc.

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D: Property Data

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E: Analytical Results

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F: Aerial Photographs

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OHME Darby MHP

284 E Sandusky Street

Mechanicsburg, OH 43044

Inquiry Number: 7550080.8

January 25, 2024

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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

01/25/24

Site Name:

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044
EDR Inquiry # 7550080.8

Client Name:

GRS | Corteq
300 Spectrum Center Drive, Suite 145
Irvine, CA 92618
Contact: Steve Canty

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*
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2001	1"=500'	Flight Date: September 30, 2001	USGS
1994	1"=500'	Acquisition Date: March 22, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: April 14, 1989	USGS
1980	1"=500'	Flight Date: October 30, 1980	USDA
1973	1"=500'	Flight Date: October 01, 1973	USGS
1960	1"=500'	Flight Date: May 03, 1960	USGS
1959	1"=500'	Flight Date: November 19, 1959	USGS
1952	1"=500'	Flight Date: January 01, 1952	FirstSearch
1938	1"=500'	Flight Date: January 01, 1938	FirstSearch

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INQUIRY #: 7550080.8
YEAR: 2019
= 500'
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INQUIRY #: 7550080.8
YEAR: 2015
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INQUIRY #: 7550080.8
YEAR: 2011
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INQUIRY #: 7550080.8
YEAR: 2006
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YEAR: 2001
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INQUIRY #: 7550080.8
YEAR: 1994
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YEAR: 1989
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YEAR: 1980
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INQUIRY #: 7550080.8
YEAR: 1973
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INQUIRY #: 7550080.8
YEAR: 1960
= 500'
N
EDR

DRAFT
INQUIRY #: 7550080.8
YEAR: 1959
= 500'
N
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INQUIRY #: 7550080.8
YEAR: 1952
= 500'
N
EDR

DRAFT
INQUIRY #: 7550080.8
YEAR: 1938
= 500'
N
EDR

G: Fire Insurance Maps

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OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Inquiry Number: 7550080.3
January 25, 2024

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Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

01/25/24

Site Name:

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044
EDR Inquiry # 7550080.3

Client Name:

GRS | Corteq
300 Spectrum Center Drive, Suite 145
Irvine, CA 92618
Contact: Steve Canty

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GRS | Corteq 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 # 7283-4575-8084

PO # NA

Project 470224-0067292.42

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 #: 7283-4575-8084

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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H: Topographic Maps

DRAFT

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Inquiry Number: 7550080.4
January 25, 2024

DRAFT

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

01/25/24

Site Name:	Client Name:
OHME Darby MHP	GRS | Corteq
284 E Sandusky Street	300 Spectrum Center Drive, Suite 145
Mechanicsburg, OH 43044	Irvine, CA 92618
EDR Inquiry # 7550080.4	Contact: Steve Canty

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GRS | Corteq 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.

DRAFT

Search Results:

P.O.# NA

Project: 470224-0067292.42

Coordinates:

Latitude:	40.078777 40° 4' 44" North
Longitude:	-83.550057 -83° 33' 0" West
UTM Zone:	Zone 17 North
UTM X Meters:	282565.83
UTM Y Meters:	4439617.20
Elevation:	1089.39' above sea level

Maps Provided:

2019
2016
2013
1980
1961
1944
1916
1914

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Topo Sheet Key

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

2019 Source Sheets

Mechanicsburg
2019
7.5-minute, 24000

2016 Source Sheets

Mechanicsburg
2016
7.5-minute, 24000

2013 Source Sheets

Mechanicsburg
2013
7.5-minute, 24000

1980 Source Sheets

Mechanicsburg
1980
7.5-minute, 24000
Aerial Photo Revised 1959

DRAFT

Topo Sheet Key

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

1961 Source Sheets

Mechanicsburg
1961
7.5-minute, 24000
Aerial Photo Revised 1959

1944 Source Sheets

Mechanicsburg
1944
15-minute, 62500
Aerial Photo Revised 1938

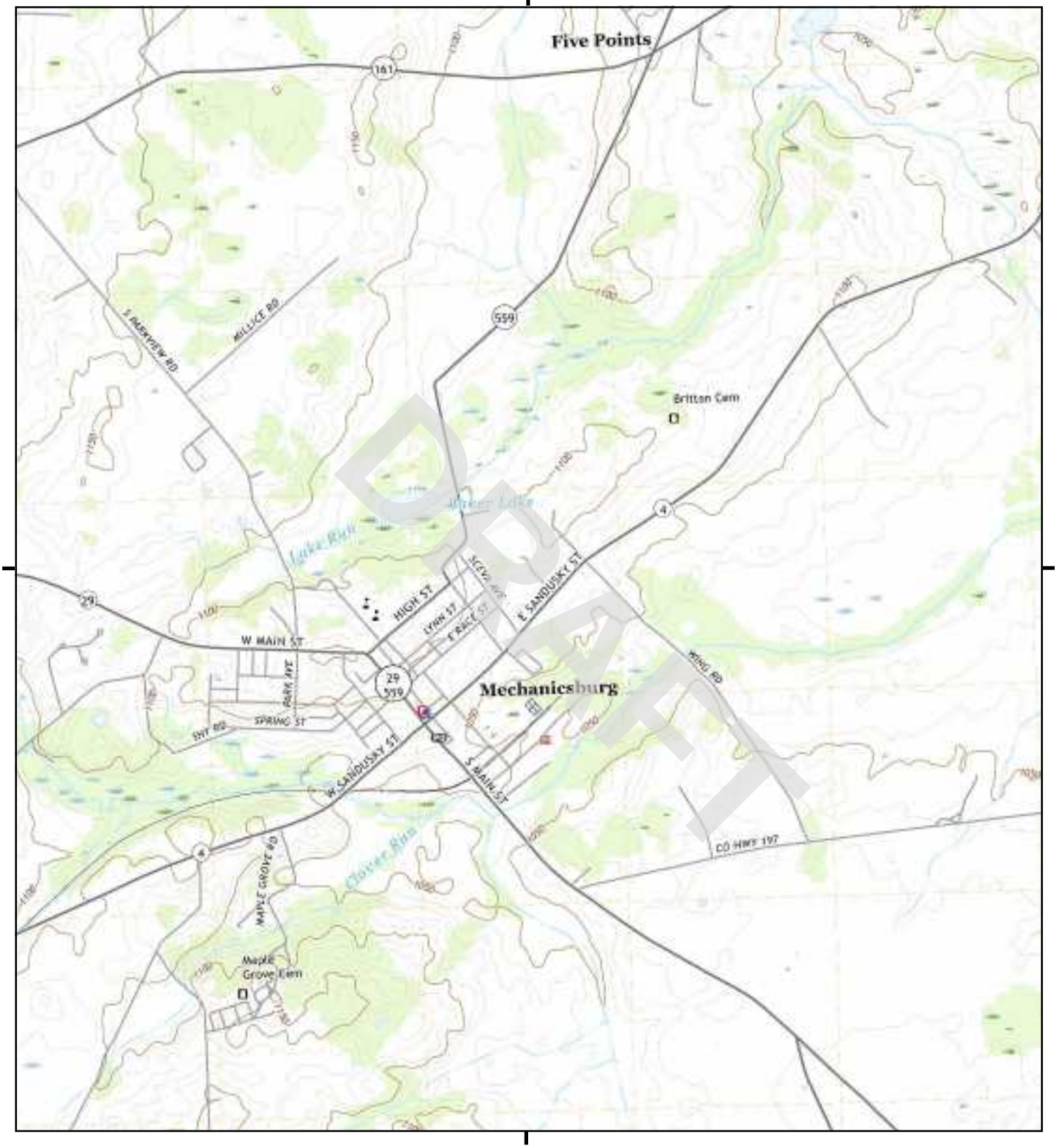
1916 Source Sheets

Mechanicsburg
1916
15-minute, 62500

1914 Source Sheets

Mechanicsburg
1914
15-minute, 62500

DRAFT



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

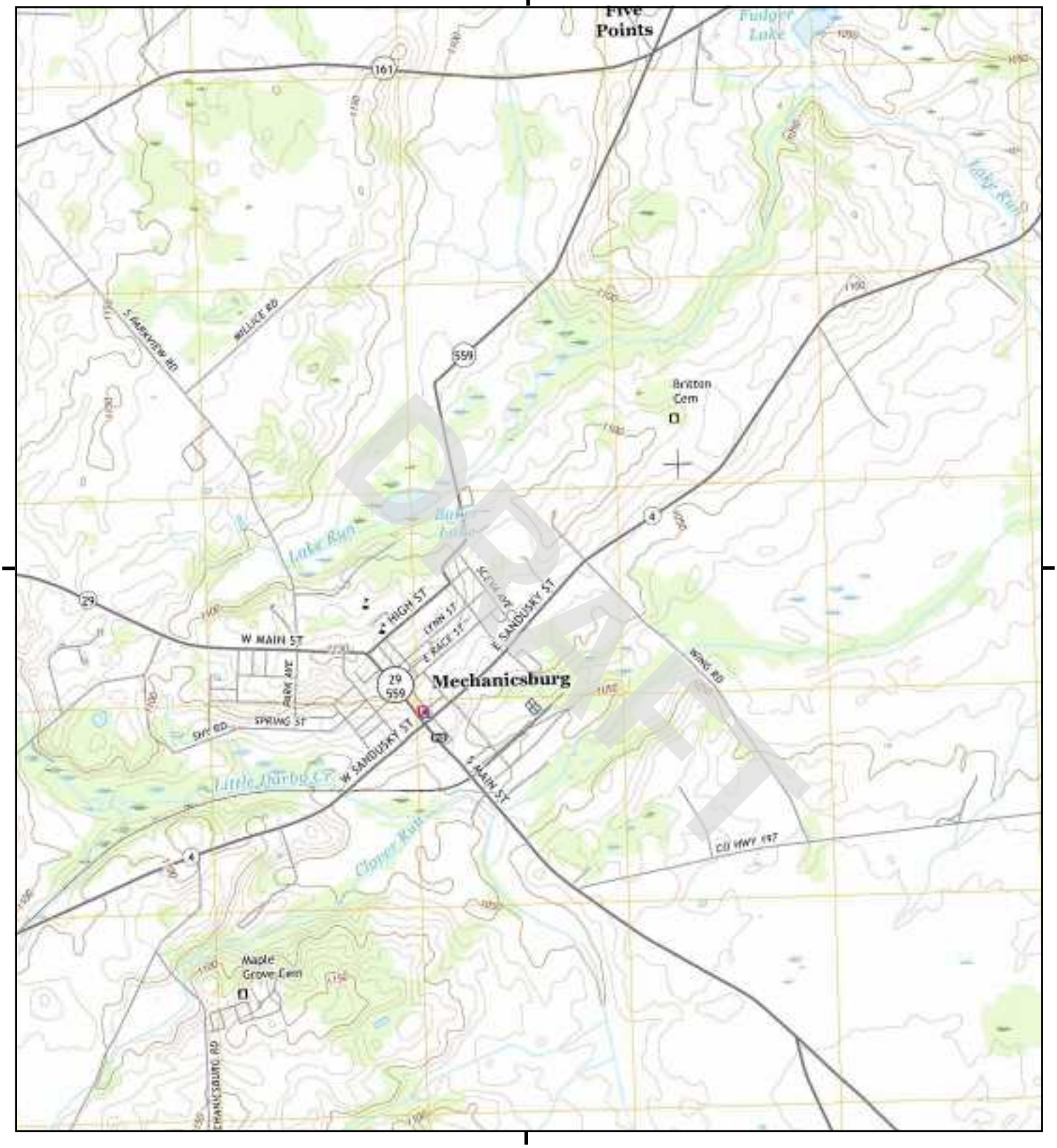
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mechanicsburg, 2019, 7.5-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N



DRAFT

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

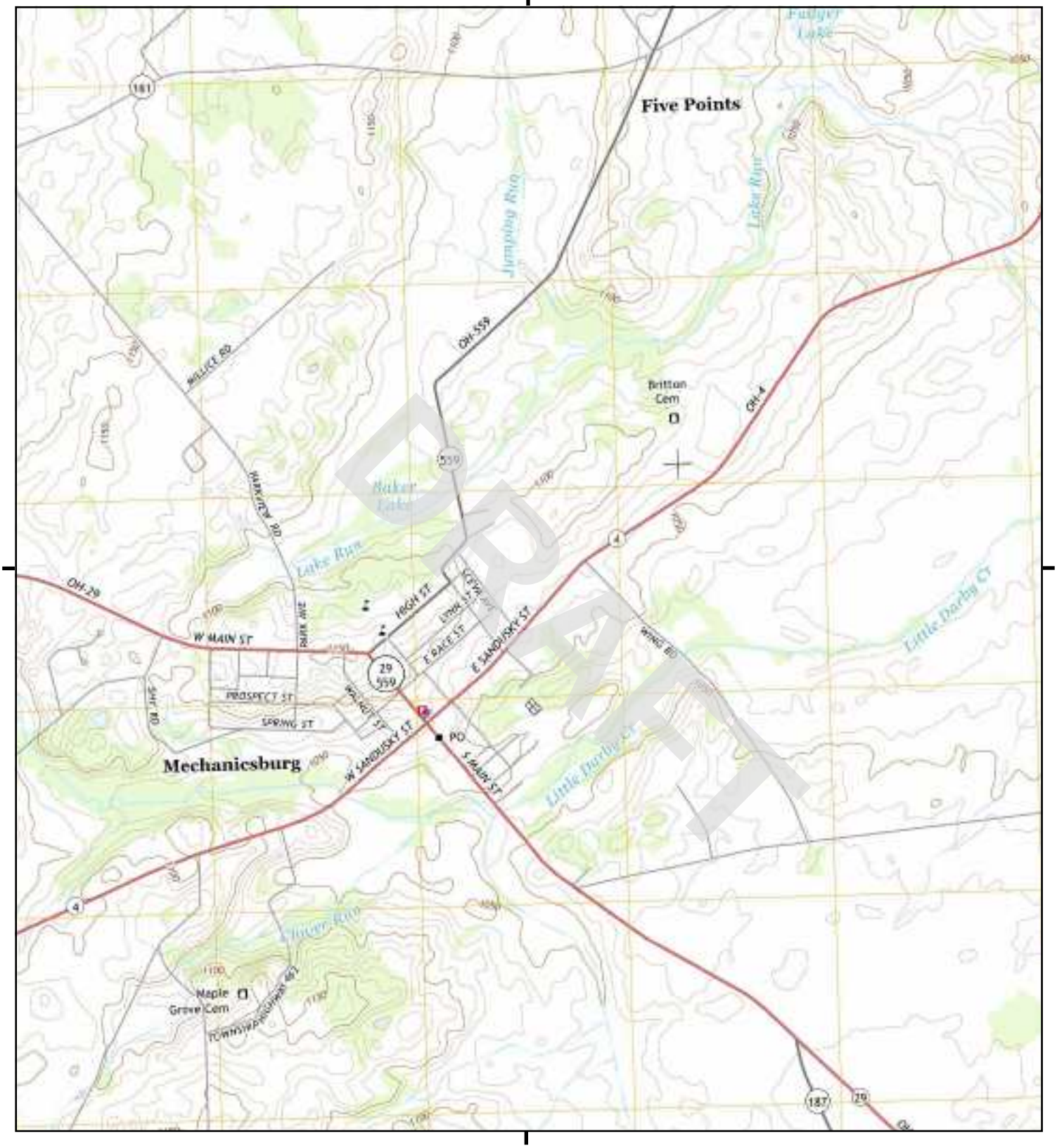
TP, Mechanicsburg, 2016, 7.5-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N

Historical Topo Map

2013



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

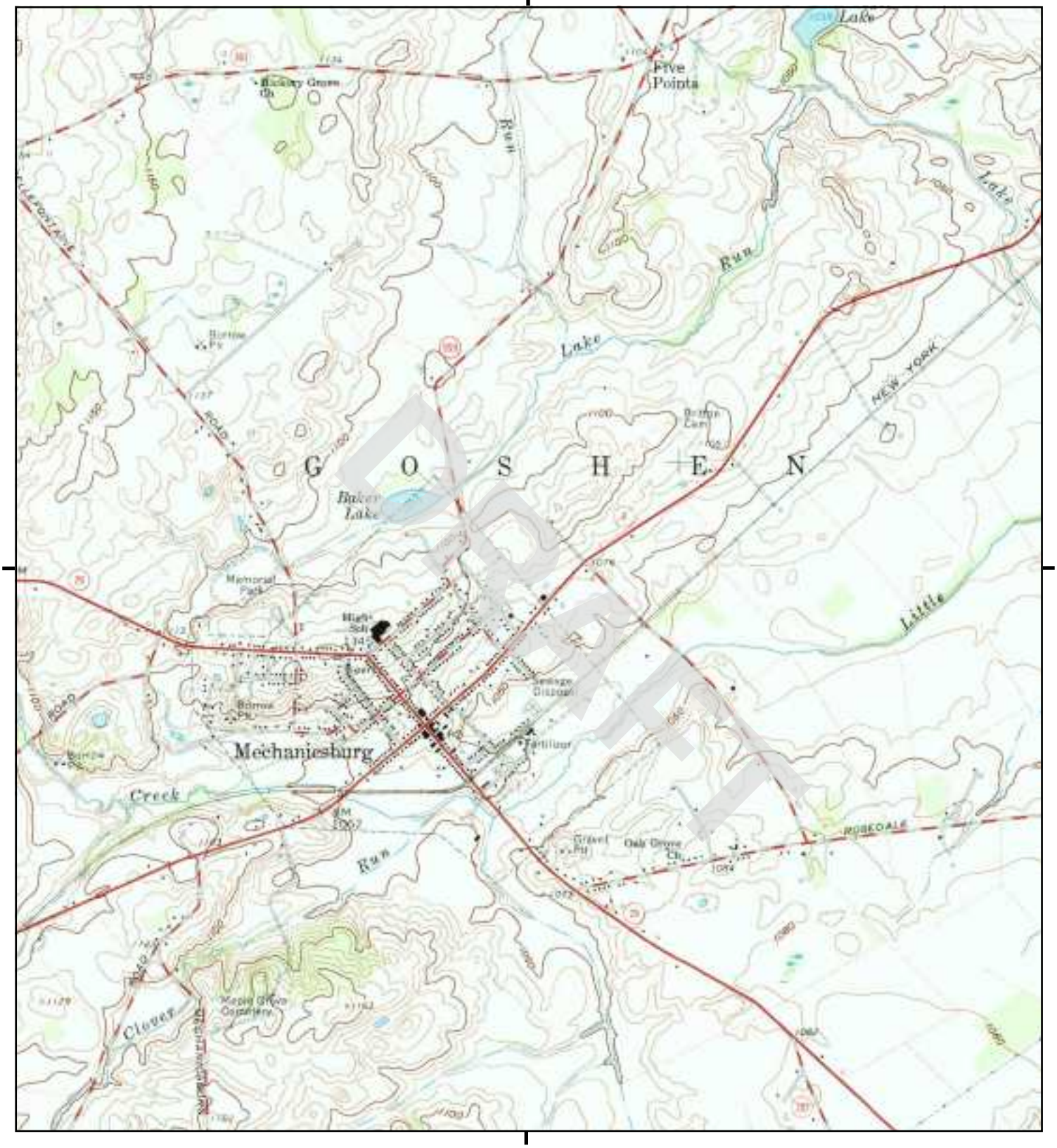
TP, Mechanicsburg, 2013, 7.5-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N

Historical Topo Map

1980



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

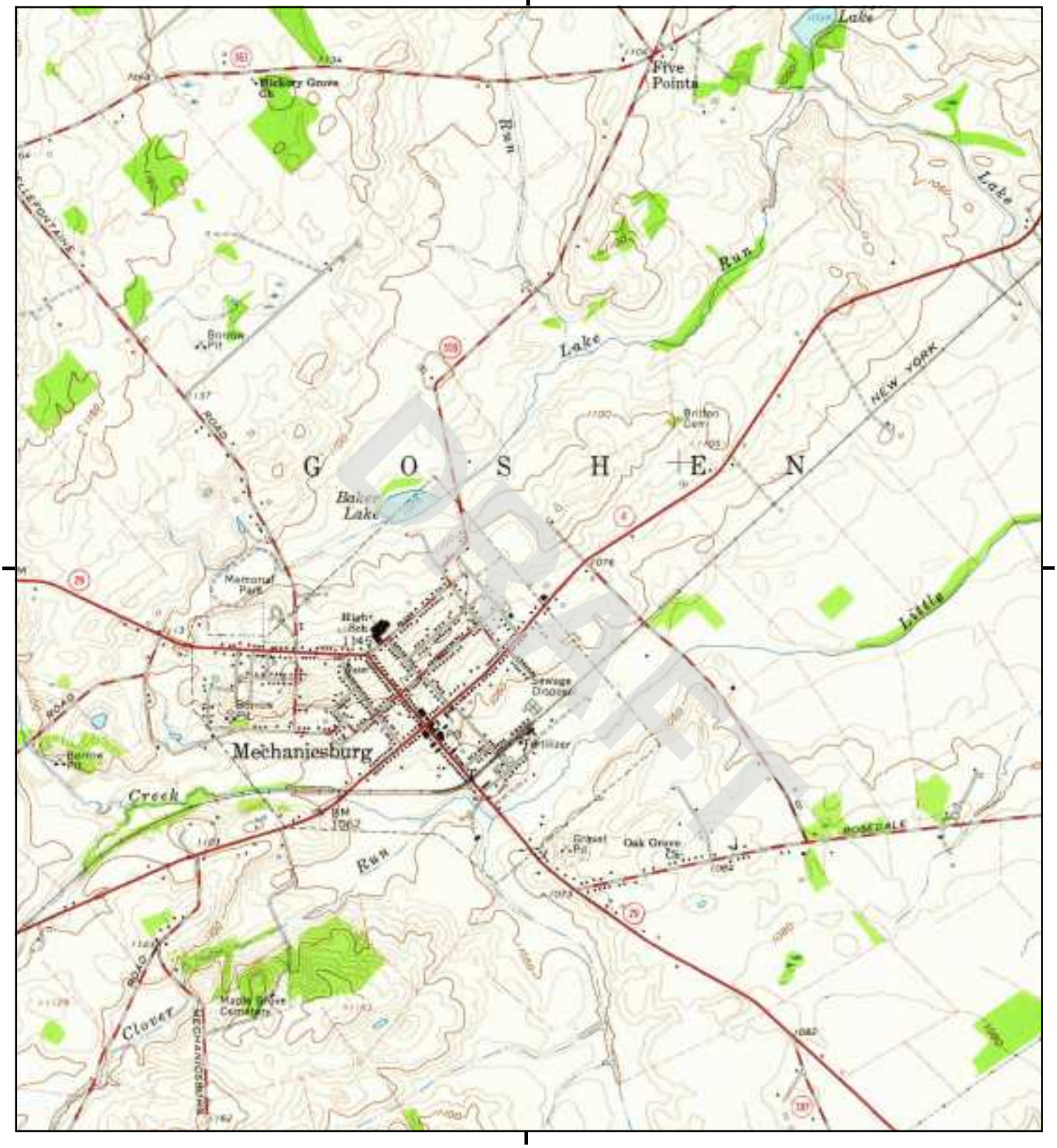
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mechanicsburg, 1980, 7.5-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N



DRAFT

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

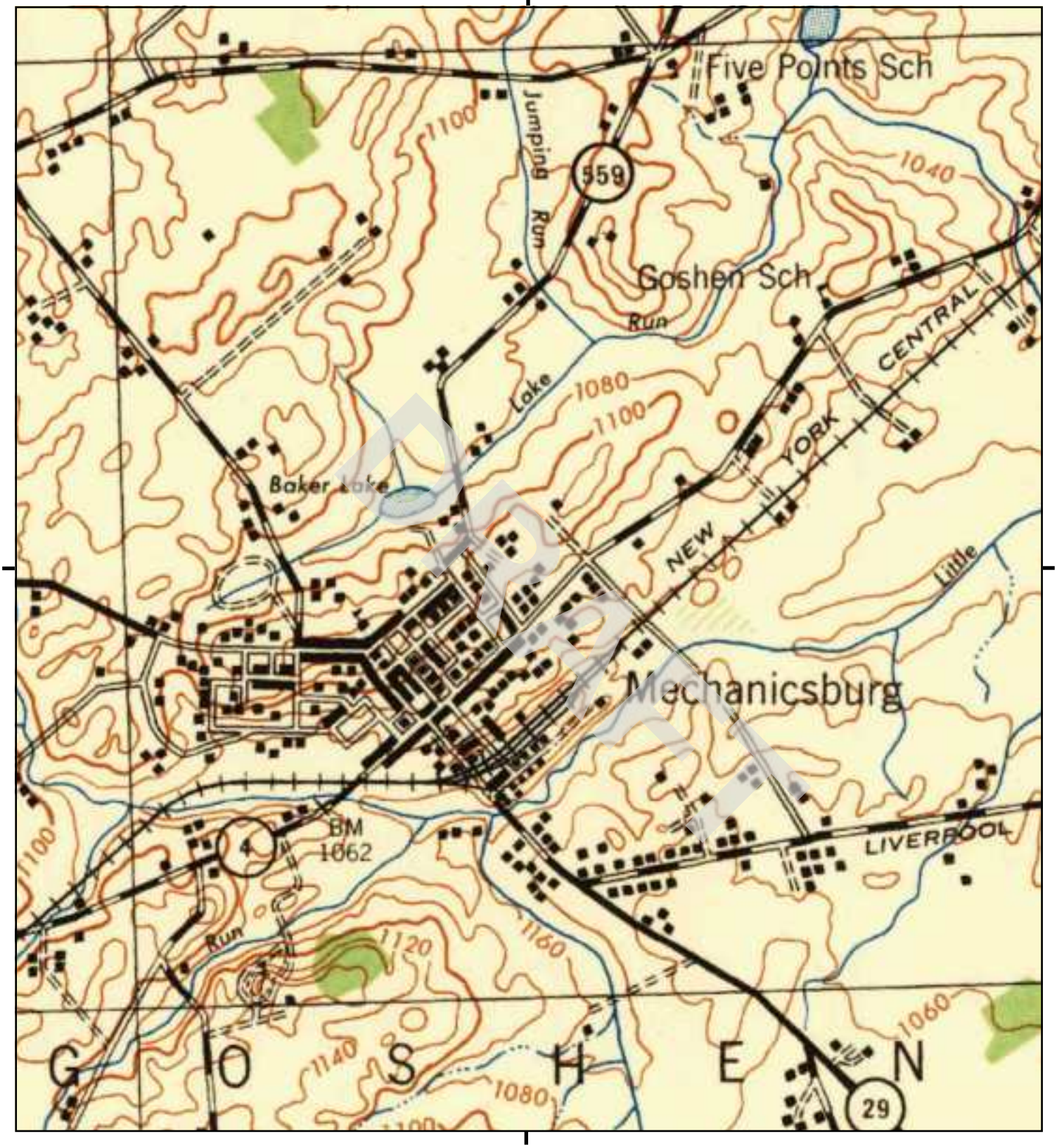
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mechanicsburg, 1961, 7.5-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N



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

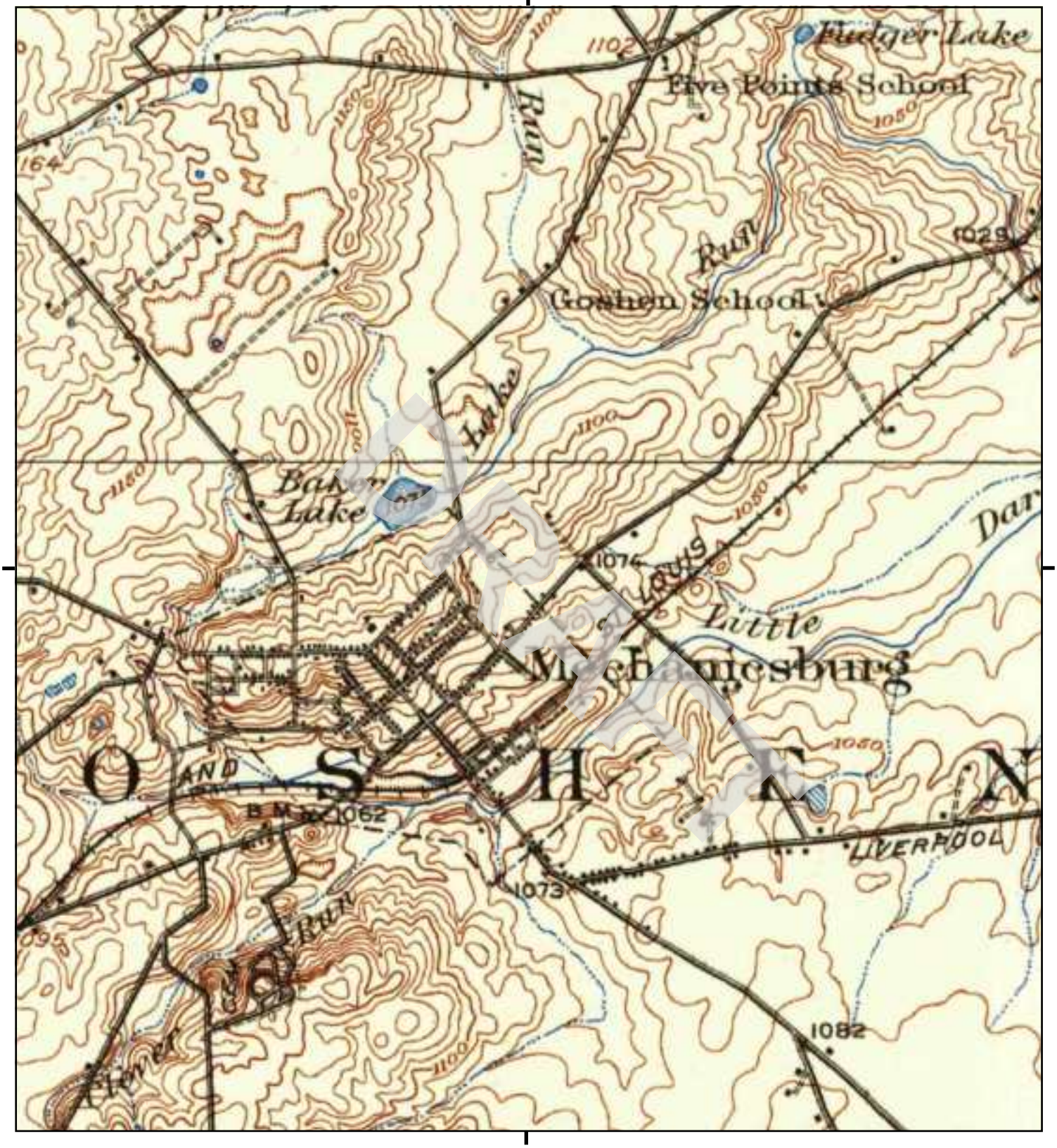
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mechanicsburg, 1944, 15-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N



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

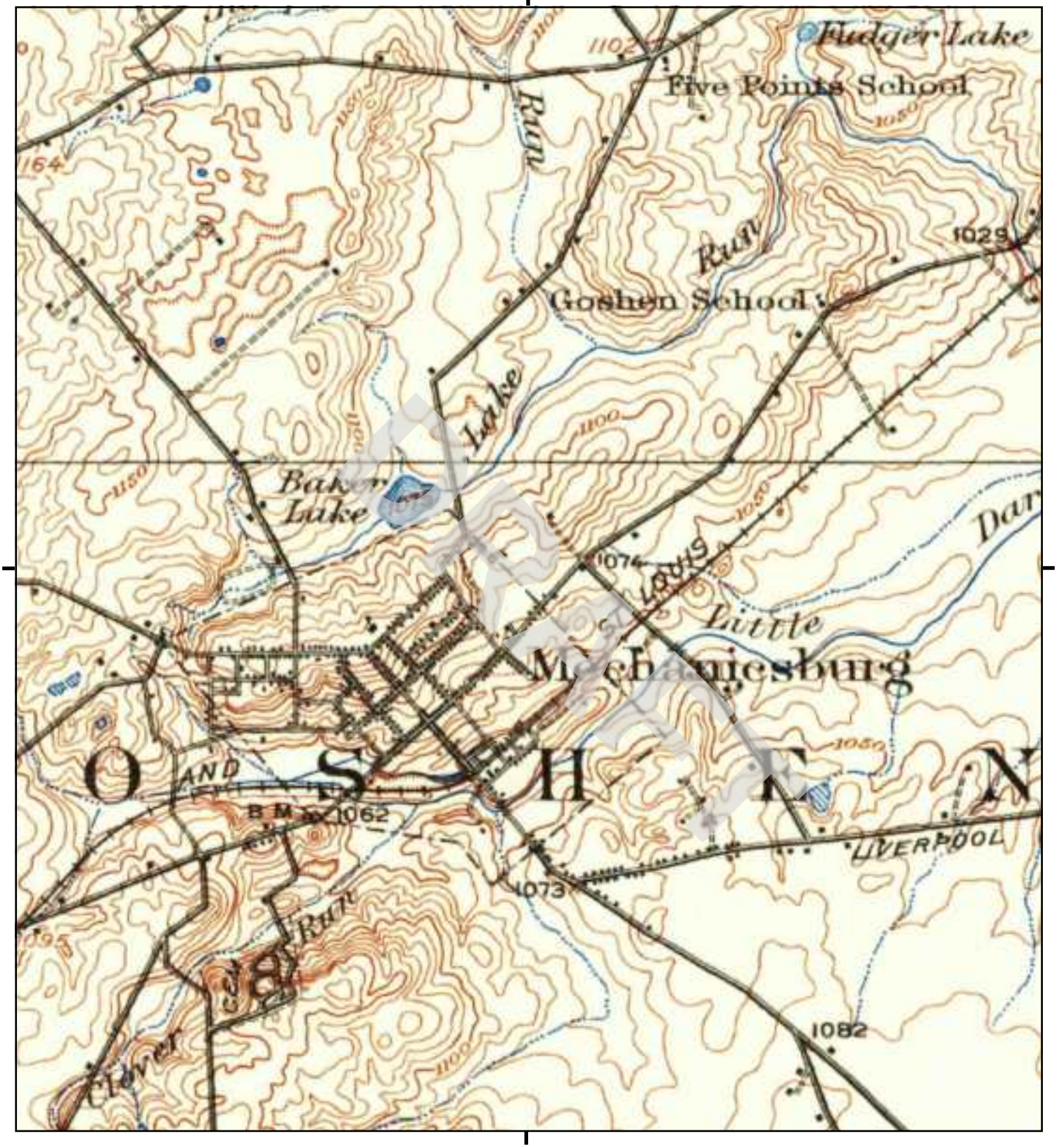
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mechanicsburg, 1916, 15-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

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, Mechanicsburg, 1914, 15-minute

SITE NAME: OHME Darby MHP
ADDRESS: 284 E Sandusky Street
Mechanicsburg, OH 43044
CLIENT: GRS | Corteq

N

I: Mapped Regulatory Report

DRAFT

OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Inquiry Number: 7550080.2s
January 25, 2024

DRAFT

The EDR Radius Map™ Report with GeoCheck®

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

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DRAFT

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

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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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

284 E SANDUSKY STREET
MECHANICSBURG, OH 43044

COORDINATES

Latitude (North):	40.0787770 - 40° 4' 43.59''
Longitude (West):	83.5500570 - 83° 33' 0.20''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	282560.1
UTM Y (Meters):	4439407.0
Elevation:	1088 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14435126 MECHANICSBURG, OH
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20191013
Source:	USDA

DRAFT

MAPPED SITES SUMMARY

Target Property Address:
284 E SANDUSKY STREET
MECHANICSBURG, OH 43044

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	FAMILY DOLLAR #7393	286 E SANDUSKY ST	RCRA-VSQG, FINDS, ECHO	Lower	73, 0.014, SE
A2	PRESTONS IGA	282 E SANDUSKY ST	UST FINDER, UST FINDER RELEASE	Lower	127, 0.024, SSE
A3	PRESTONS IGA	282 E SANDUSKY ST	LUST, UST, ARCHIVE UST	Lower	127, 0.024, SSE
A4	GAVER TIRE CENTER	280 E SANDUSKY ST	EDR Hist Auto	Lower	135, 0.026, SSE
B5	MECHANICSBURG EXEMPT	60 HIGH ST	UST FINDER RELEASE	Higher	2346, 0.444, WSW
B6	MECHANICSBURG EXEMPT	60 HIGH ST	LUST	Higher	2346, 0.444, WSW
C7	MECHANISBURG CENTRAL	25 E SANDUSKY ST	LUST, UST, ARCHIVE UST	Lower	2480, 0.470, SSW
C8	DAVE KEHL CHEVROLET	45 E SANDUSKY ST	LUST	Lower	2538, 0.481, SSW
C9	DAVE KEHL CHEVROLET	45 E SANDUSKY ST	UST FINDER RELEASE	Lower	2538, 0.481, SSW
10	MECHANICSBURG GAS LI	WALNUT STREET NEAR R	EDR MGP	Lower	3322, 0.629, SSW

DRAFT

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

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

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

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

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

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

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

DRAFT

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS ---------- This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
DERR ---------- Division of Environmental Response and Revitalization Database

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ---------- Licensed Solid Waste Facilities

Lists of state and tribal leaking storage tanks

LAST ---------- Leaking Aboveground Storage Tank Listing
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
UNREG LTANKS ---------- Ohio Leaking UST File

Lists of state and tribal registered storage tanks

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

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS ---------- Ohio Brownfield Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---------- Recycling Facility Listing
HIST LF ---------- Old Solid Waste Landfill
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

DRAFT

ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
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 ---- Emergency Response Database
SPILLS 90 ---- SPILLS 90 data from FirstSearch
SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated
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
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
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
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
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

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MINES MRDS - Mineral Resources Data System
ABANDONED MINES - Abandoned Mines
FINDS - Facility Index System/Facility Registry System
UXO - Unexploded Ordnance Sites
ECHO - Enforcement & Compliance History Information
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered Listing
PFAS NPL - Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES - Federal Sites PFAS Information
PFAS TRIS - List of PFAS Added to the TRI
PFAS TSCA - PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST - PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR - PFAS Contamination Site Location Listing
PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO - Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING - Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
BIOSOLIDS - ICIS-NPDES Biosolids Facility Data
PFAS - PFOA & PFOS Site Listing
AIRS - Title V Permits Listing
ASBESTOS - Asbestos Notification Listing
COAL ASH - Coal Ash Disposal Site Listing
CRO - Cessation of Regulated Operations Facility Listing
DRYCLEANERS - Drycleaner Facility Listing
Financial Assurance - Financial Assurance Information Listing
HIST USD - Urban Setting Designations Database
LEAD - Lead Inspections Listing
NPDES - NPDES General Permit List
VAPOR - Vapor Intrusion
TOWNGAS - DERR Towngas Database
UIC - Underground Injection Wells Listing
USD - Urban Setting Designation Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

DRAFT

EXECUTIVE SUMMARY

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

Lists of Federal RCRA generators

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 12/04/2023 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FAMILY DOLLAR #7393 EPA ID:: OHR000193433	***286 E SANDUSKY ST***	***SE 0 - 1/8 (0.014 mi.)***	***1***	***8***

Lists of state and tribal leaking storage tanks

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 08/03/2023 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MECHANICSBURG EXEMPT FR Status: NFA: No Further Action	60 HIGH ST	WSW 1/4 - 1/2 (0.444 mi.)	B6	23

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTONS IGA FR Status: NFA: No Further Action	***282 E SANDUSKY ST***	***SSE 0 - 1/8 (0.024 mi.)***	***A3***	***14***
MECHANISBURG CENTRAL FR Status: NFA: No Further Action	***25 E SANDUSKY ST***	***SSW 1/4 - 1/2 (0.470 mi.)***	***C7***	***23***
DAVE KEHL CHEVROLET FR Status: NFA: No Further Action	45 E SANDUSKY ST	SSW 1/4 - 1/2 (0.481 mi.)	C8	25

DRAFT

Lists of state and tribal registered storage tanks

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 08/07/2023 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTONS IGA	***282 E SANDUSKY ST***	***SSE 0 - 1/8 (0.024 mi.)***	***A3***	***14***
Tank Status: REM - Removed Facility Id: 11009720				

ADDITIONAL ENVIRONMENTAL RECORDS

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 08/07/2023 has revealed that there is 1 ARCHIVE UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTONS IGA	***282 E SANDUSKY ST***	***SSE 0 - 1/8 (0.024 mi.)***	***A3***	***14***
Facility Number: 11009720 Tank Status: CIU Tank Status: REM				

Other Ascertainable Records

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTONS IGA	***282 E SANDUSKY ST***	***SSE 0 - 1/8 (0.024 mi.)***	***A2***	***11***

DRAFT

EXECUTIVE SUMMARY

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 3 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MECHANICSBURG EXEMPT	60 HIGH ST	WSW 1/4 - 1/2 (0.444 mi.)	B5	22

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRESTONS IGA	***282 E SANDUSKY ST***	***SSE 0 - 1/8 (0.024 mi.)***	***A2***	***11***
DAVE KEHL CHEVROLET	45 E SANDUSKY ST	SSW 1/4 - 1/2 (0.481 mi.)	C9	26

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
MECHANICSBURG GAS LI	WALNUT STREET NEAR R	SSW 1/2 - 1 (0.629 mi.)	10	27

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 is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GAVER TIRE CENTER	280 E SANDUSKY ST	SSE 0 - 1/8 (0.026 mi.)	A4	22

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EXECUTIVE SUMMARY

There were no unmapped sites in this report.

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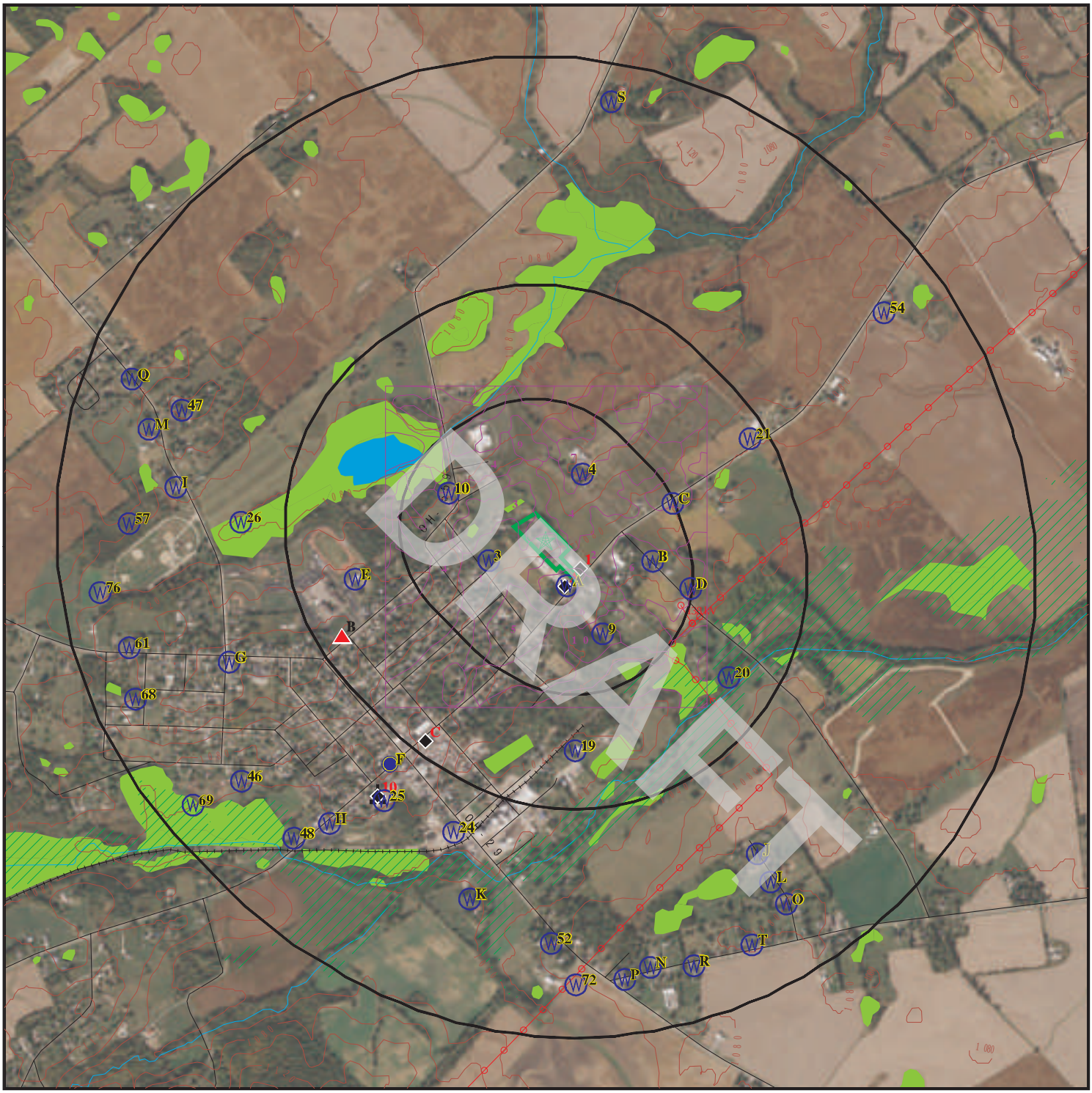
OVERVIEW MAP - 7550080.2S



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

N

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:	OHME Darby MHP	CLIENT:	GRS | Corteq
ADDRESS:	284 E Sandusky Street Mechanicsburg OH 43044	CONTACT:	Steve Canty
		INQUIRY #:	7550080.2s
LAT/LONG:	40.078777 / 83.550057	DATE:	January 25, 2024 10:20 am

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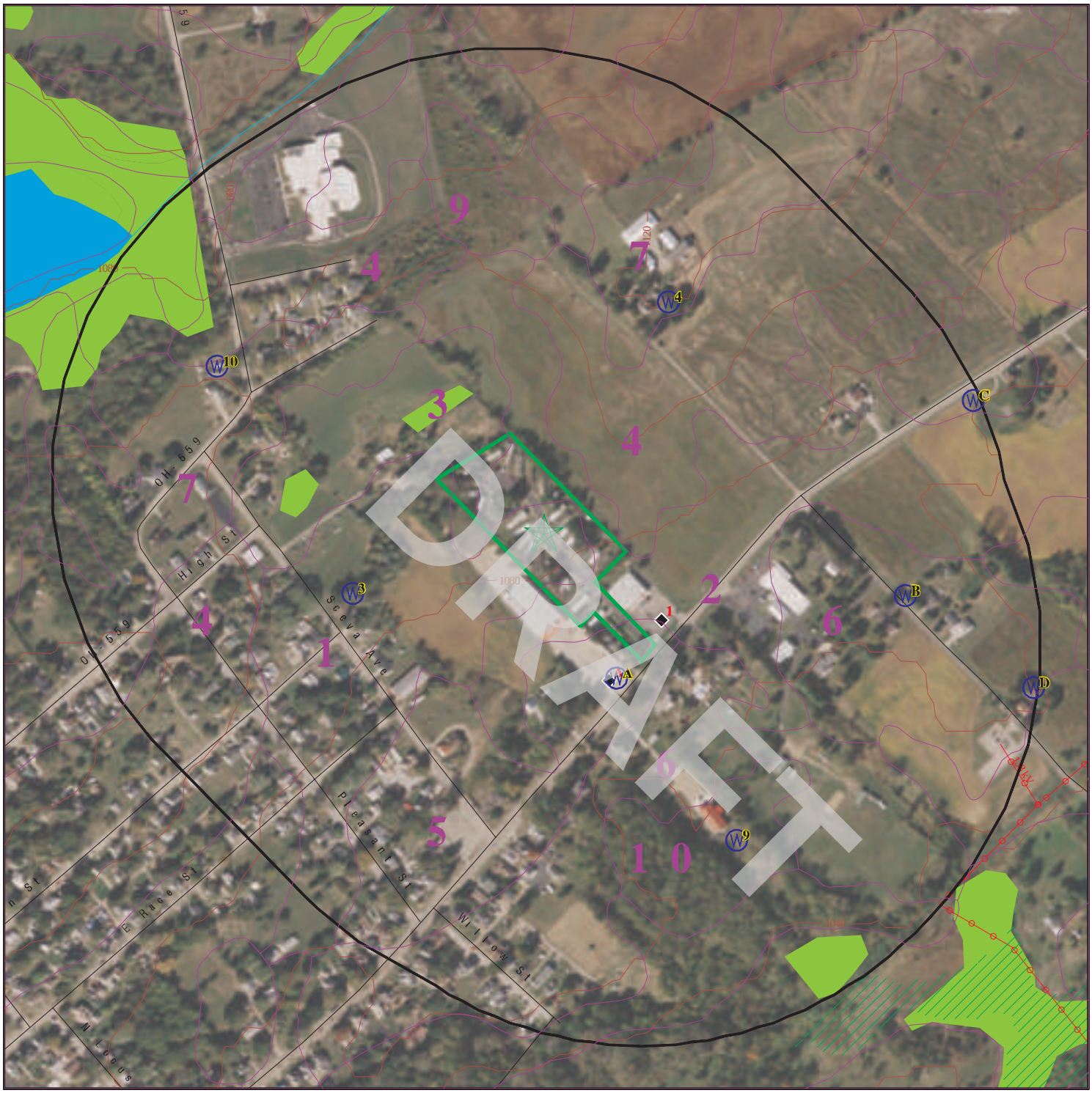
DETAIL MAP - 7550080.2S



0 1/16 1/8 1/4 Miles

- 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
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: OHME Darby MHP	CLIENT: GRS | Corteq
ADDRESS: 284 E Sandusky Street Mechanicsburg OH 43044	CONTACT: Steve Canty
LAT/LONG: 40.078777 / 83.550057	INQUIRY #: 7550080.2s DATE: January 25, 2024 10:22 am

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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								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
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 CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
DERR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.500		1	0	3	NR	NR	4

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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
LAST	TP		NR	NR	NR	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	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
Lists of 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
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

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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	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0

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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
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
CRO	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HIST USD	0.500		0	0	0	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
TOWNGAS	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
USD	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		1	0	NR	NR	NR	1
UST FINDER RELEASE	0.500		1	0	2	NR	NR	3
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	7	0	5	1	0	13

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.

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1
SE
< 1/8
0.014 mi.
73 ft.

FAMILY DOLLAR #7393
286 E SANDUSKY ST
MECHANICSBURG, OH 43044

RCRA-VSQG **1017788367**
FINDS **OHR000193433**
ECHO

Relative:
Lower

Actual:
1070 ft.

RCRA Listings:

Date Form Received by Agency:	20150313
Handler Name:	Family Dollar #7393
Handler Address:	286 E SANDUSKY ST
Handler City,State,Zip:	MECHANICSBURG, OH 43044-1051
EPA ID:	OHR000193433
Contact Name:	KEVIN STRAIGHT
Contact Address:	PO BOX 1017
Contact City,State,Zip:	CHARLOTTE, NC 28201
Contact Telephone:	704-708-1909
Contact Fax:	Not reported
Contact Email:	KSTRAIGHT@FAMILYDOLLAR.COM
Contact Title:	PROGRAM MANAGER ENVIRONMENTAL COMPLIANCE
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Oh
State District:	SW
Mailing Address:	PO BOX 1017
Mailing City,State,Zip:	CHARLOTTE, NC 28201
Owner Name:	Deborah Stuart
Owner Type:	Private
Operator Name:	Family Dollar Stores
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

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FAMILY DOLLAR #7393 (Continued) **1017788367**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150514
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)

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FAMILY DOLLAR #7393 (Continued) **1017788367**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DEBORAH STUART	
Legal Status:	Private
Date Became Current:	20120601
Date Ended Current:	Not reported
Owner/Operator Address:	600 LA TERRAZA BLVD
Owner/Operator City,State,Zip:	ESCONDIDO, CA 92025
Owner/Operator Telephone:	760-741-2111
Owner/Operator Telephone Ext:	1127
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: FAMILY DOLLAR STORES	
Legal Status:	Private
Date Became Current:	20060727
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1017
Owner/Operator City,State,Zip:	CHARLOTTE, NC 28201
Owner/Operator Telephone:	866-377-6420
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150313
Handler Name: FAMILY DOLLAR #7393	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Oh
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45299
NAICS Description:	ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110064461915

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FAMILY DOLLAR #7393 (Continued) **1017788367**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1017788367
Registry ID:	110064461915
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110064461915
Name:	FAMILY DOLLAR #7393
Address:	286 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044

A2 **PRESTONS IGA** **UST FINDER** **1028601000**
SSE **282 E SANDUSKY ST** **UST FINDER RELEASE** **N/A**
< 1/8 **MECHANICSBURG, OH 0**
0.024 mi.
127 ft. **Site 1 of 3 in cluster A**

Relative: **Lower**

Actual: **1068 ft.**

UST FINDER:

Object ID:	339521
Facility ID:	OH11009720
Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	5
TOS USTs:	0
Population 1500ft:	322
Private Wells 1500ft:	42
Within 100yr Floodplain:	No
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	5
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-83.54948
Y Coord:	40.0776300000001

DRAFT

PRESTONS IGA (Continued) **1028601000**

Latitude: 40.07763
Longitude: -83.54948

UST FINDER:
Object ID: 1432938
Facility ID: OH11009720
Tank ID: OH11009720_T00001
Tank Status: Closed
Installation Date: Not reported
Removal Date: 2003/07/09 15:59:59+00
Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Single

Object ID: 1432939
Facility ID: OH11009720
Tank ID: OH11009720_T00002
Tank Status: Closed
Installation Date: Not reported
Removal Date: 2003/07/09 15:59:59+00
Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Single

Object ID: 1468318
Facility ID: OH11009720
Tank ID: OH11009720_T00003
Tank Status: Closed
Installation Date: 2004/05/25 15:59:59+00
Removal Date: 2014/10/31 15:59:59+00
Tank Capacity: 12000
Substances: Gasoline
Tank Wall Type: Single

Object ID: 1468319
Facility ID: OH11009720
Tank ID: OH11009720_T00005
Tank Status: Closed
Installation Date: 2004/05/25 15:59:59+00
Removal Date: 2014/10/31 15:59:59+00
Tank Capacity: 6000
Substances: Gasoline
Tank Wall Type: Single

Object ID: 1468320
Facility ID: OH11009720
Tank ID: OH11009720_T00004
Tank Status: Closed
Installation Date: 2004/05/25 15:59:59+00
Removal Date: 2014/10/31 15:59:59+00
Tank Capacity: 8000
Substances: Gasoline
Tank Wall Type: Single

UST FINDER RELEASE:
Object ID: 306220

DRAFT

PRESTONS IGA (Continued) **1028601000**

Facility ID:	OH11009720
Lust ID:	OH11009720-N00001
Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 0
Address Match Type:	Not reported
Reported Date:	2003/07/03 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	323
Domestic Wells within 1500ft:	42
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-83.54948
Y Coord:	40.0776300000001
Latitude:	40.0776299999999
Longitude:	-83.54948

Object ID:	306221
Facility ID:	OH11009720
Lust ID:	OH11009720-N00002
Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 0
Address Match Type:	Not reported
Reported Date:	2014/10/28 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	323
Domestic Wells within 1500ft:	42
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported

DRAFT

PRESTONS IGA (Continued) **1028601000**

WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-83.54948
Y Coord:	40.0776300000001
Latitude:	40.0776299999999
Longitude:	-83.54948

A3 **PRESTONS IGA** **LUST** **U003965910**
SSE **282 E SANDUSKY ST** **UST** **N/A**
< 1/8 **MECHANICSBURG, OH 43044** **ARCHIVE UST**
0.024 mi.
127 ft. **Site 2 of 3 in cluster A**

Relative: LUST:
Lower

Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Release Number:	11009720 - N00001
Release Date:	07/03/2003
LTF Status:	6 Closure of regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	10/14/2003
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Latitude:	40.07763
Longitude:	-83.54948
Class:	Viable Responsible Party has been identified
Incident Number:	Not reported
Last Update:	Not reported
Last Update Date:	04/28/2012
Last Update Updated:	10/14/2003
Sub Status:	Not reported
Rules:	1999
Coordinator:	Raymond Bauman
Rating:	14

Actual:
1068 ft.

Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Release Number:	11009720 - N00002
Release Date:	10/28/2014
LTF Status:	1 SUS/CON from regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	10/01/2015
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Latitude:	40.07763

DRAFT

PRESTONS IGA (Continued) **U003965910**

Longitude:	-83.54948
Class:	Viable Responsible Party has been identified
Incident Number:	Not reported
Last Update:	Scott Sigler
Last Update Date:	10/01/2015
Last Update Updated:	10/01/2015
Sub Status:	Approved
Rules:	2012
Coordinator:	Drue Roberts
Rating:	Not reported

UST:

Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Facility Id:	11009720
Owner Name:	PRESTONS IGA LLC
Owner Address:	282 E SANDUSKY ST
Owner City/State/Zip:	43044
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	1000
Tank Content:	Gasoline
Installation Date:	Not reported
Construction:	BM - Bare Metal
Date Last Used:	01/01/1950
Date TCL Closed:	Not reported
Date Removed:	07/09/2003
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:	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:	S - Suction
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
Name:	PRESTONS IGA

DRAFT

PRESTONS IGA (Continued) **U003965910**

Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Tank Number:	T00002
Status:	REM - Removed
UST Capacity:	1000
Tank Content:	Gasoline
Installation Date:	Not reported
Construction:	BM - Bare Metal
Date Last Used:	01/01/1950
Date TCL Closed:	Not reported
Date Removed:	07/09/2003
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:	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:	S - Suction
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
Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Tank Number:	T00003
Status:	REM - Removed
UST Capacity:	12000
Tank Content:	Gasoline
Installation Date:	05/25/2004
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	07/12/2007
Date TCL Closed:	Not reported
Date Removed:	10/31/2014
CAS Number:	8006-61-9
Abandoned Approved:	Not reported
Regulated:	YES
Sensitive Area:	NO
Date Of Sensitivity:	Not reported

DRAFT

PRESTONS IGA (Continued) **U003965910**

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

Name:	PRESTONS IGA
Address:	282 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044

Tank Number:	T00004
Status:	REM - Removed
UST Capacity:	8000
Tank Content:	Gasoline
Installation Date:	05/25/2004
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	07/12/2007
Date TCL Closed:	Not reported
Date Removed:	10/31/2014
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)

DRAFT

PRESTONS IGA (Continued) **U003965910**

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

Name: PRESTONS IGA
Address: 282 E SANDUSKY ST
City,State,Zip: MECHANICSBURG, OH 43044

Tank Number: T00005
Status: REM - Removed
UST Capacity: 6000
Tank Content: Gasoline
Installation Date: 05/25/2004
Construction: FRP-Fiberglass Reinforced Plastic
Date Last Used: 07/12/2007
Date TCL Closed: Not reported
Date Removed: 10/31/2014
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:
Name: PRESTONS IGA
Address: 282 E SANDUSKY ST
City,State,Zip: MECHANICSBURG, OH 43044
Facility Number: 11009720
Owner Name: PRESTONS IGA LLC
Owner Address: 282 E SANDUSKY ST
Owner City,St,Zip: MECHANICSBURG, OH 43044
Owner Telephone: (937)834-3464
Owner ID: W024339
Facility Type: Gas Station
Contact Name: ED PRESTON

DRAFT

PRESTONS IGA (Continued) **U003965910**

Contact Telephone: (937)869-8137
Tank Number: 3
Depth at Location: MECHANICSBURG FIRE DEPARTMENT
Authorized: No
Eligible Award: Not reported
Action: No

Permit:
Facility Id: 11009720
Permit Id: P00001
Permit Status: Closed
Issued Date: 7/3/2003
LFD Permit Id: Not reported

Facility Id: 11009720
Permit Id: P00002
Permit Status: Closed
Issued Date: 1/6/2004
LFD Permit Id: Not reported

Facility Id: 11009720
Permit Id: P00003
Permit Status: Closed
Issued Date: 9/28/2007
LFD Permit Id: Not reported

Inspection:
Facility Id: 11009720
Permit Number: P00002
Code: 202
Inspection Type: Preliminary

Facility Id: 11009720
Permit Number: P00003
Code: 601
Inspection Type: Final

Facility Id: 11009720
Permit Number: P00001
Code: 103
Inspection Type: Final

Facility Id: 11009720
Permit Number: P00002
Code: 203
Inspection Type: Final

Facility Id: 11009720
Permit Number: P00002
Code: 202
Inspection Type: Preliminary

Tank ID: T00001
Tank Type: Not reported
Tank Status: Removed
Install Date: Not reported

DRAFT

PRESTONS IGA (Continued) **U003965910**

Content:	Not reported
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Not reported
Spill Device Installed:	Not reported
Release Detection On Tank:	Not reported
Date Removed:	7/9/2003
Date Last Use:	1/1/1950
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

Tank ID:	T00002
Tank Type:	Not reported
Tank Status:	**Removed**
Install Date:	Not reported
Content:	Not reported
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Not reported
Spill Device Installed:	Not reported
Release Detection On Tank:	Not reported
Date Removed:	7/9/2003
Date Last Use:	1/1/1950
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

Tank ID:	T00003
Tank Type:	Not reported
Tank Status:	**Currently In Use**
Install Date:	Not reported
Content:	Not reported
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Not reported
Date Removed:	Not reported
Date Last Use:	7/12/2007
Date Abandoned/Closed:	Not reported
AST/UST:	UST
Corrosion Protection Piping:	Not reported

DRAFT

PRESTONS IGA (Continued) **U003965910**

Piping Material:	Not reported
Piping Type:	Not reported
Release Detection On Piping:	Electronic Line Leak Detector

Tank ID:	T00004
Tank Type:	Not reported
Tank Status:	**Currently In Use**
Install Date:	Not reported
Content:	Not reported
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Not reported
Date Removed:	Not reported
Date Last Use:	7/12/2007
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:	Electronic Line Leak Detector

Tank ID:	T00005
Tank Type:	Not reported
Tank Status:	**Currently In Use**
Install Date:	Not reported
Content:	Not reported
Capacity:	Not reported
Corrosion Protection Tank:	Not reported
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Release Detection On Tank:	Not reported
Date Removed:	Not reported
Date Last Use:	7/12/2007
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:	Electronic Line Leak Detector

DRAFT

A4 **GAVER TIRE CENTER** **EDR Hist Auto** **1020744655**
SSE **280 E SANDUSKY ST** **N/A**
< 1/8 **MECHANICSBURG, OH 43044**
0.026 mi.
135 ft. **Site 3 of 3 in cluster A**

Relative: EDR Hist Auto
Lower

Actual: **1068 ft.**

Year:	Name:	Type:
1969	GAVER TIRE CENTER	Gasoline Service Stations
1970	GAVER TIRE CENTER	Gasoline Service Stations
1971	GAVER TIRE CENTER	Gasoline Service Stations

B5 **MECHANICSBURG EXEMPTED SCHOOL** **UST FINDER RELEASE** **1029080766**
WSW **60 HIGH ST** **N/A**
1/4-1/2 **MECHANICSBURG, OH 0**
0.444 mi.
2346 ft. **Site 1 of 2 in cluster B**

Relative: UST FINDER RELEASE:
Higher

Actual: **1138 ft.**

Object ID:	306199
Facility ID:	OH11009702
Lust ID:	OH11009702-N00001
Name:	MECHANICSBURG EXEMPTED SCHOOL
Address:	60 HIGH ST
City,State,Zip:	MECHANICSBURG, OH 0
Address Match Type:	Not reported
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	683
Domestic Wells within 1500ft:	79
Land Use:	Developed, Low Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-83.5576
Y Coord:	40.0761800000001
Latitude:	40.07618
Longitude:	-83.5575999999999

DRAFT

B6 **MECHANICSBURG EXEMPTED SCHOOL** **LUST** **U004096004**
WSW **60 HIGH ST** **N/A**
1/4-1/2 **MECHANICSBURG, OH 43044**
0.444 mi.
2346 ft. **Site 2 of 2 in cluster B**

Relative: **Higher**
Actual: **1138 ft.**

LUST:

Name:	MECHANICSBURG EXEMPTED SCHOOL
Address:	60 HIGH ST
City,State,Zip:	MECHANICSBURG, OH 43044
Release Number:	11009702 - N00001
Release Date:	Not reported
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
Latitude:	40.076184
Longitude:	-83.557595
Class:	Viable Responsible Party has been identified
Incident Number:	111223300.0
Last Update:	Not reported
Last Update Date:	04/28/2012
Last Update Updated:	Not reported
Sub Status:	Not reported
Rules:	Not reported
Coordinator:	Raymond Bauman
Rating:	Not reported

C7 **MECHANISBURG CENTRAL OFFICE** **LUST** **U001432316**
SSW **25 E SANDUSKY ST** **UST** **N/A**
1/4-1/2 **MECHANICSBURG, OH 43044** **ARCHIVE UST**
0.470 mi.
2480 ft. **Site 1 of 3 in cluster C**

Relative: **Lower**
Actual: **1075 ft.**

LUST:

Name:	MECHANISBURG CENTRAL OFFICE
Address:	25 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Release Number:	11002036 - N00001
Release Date:	10/06/2021
LTF Status:	6 Closure of regulated UST
FR Status:	**NFA: No Further Action**
Priority:	2
Review Date:	03/24/2023
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Latitude:	40.07219
Longitude:	-83.55530
Class:	Viable Responsible Party has been identified
Incident Number:	Not reported
Last Update:	Ralph Mertz
Last Update Date:	03/24/2023
Last Update Updated:	03/24/2023
Sub Status:	Approved
Rules:	2017
Coordinator:	Danielle Cook
Rating:	Not reported

DRAFT

MECHANISBURG CENTRAL OFFICE (Continued) **U001432316**

UST:

Name:	MECHANISBURG CENTRAL OFFICE
Address:	25 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Facility Id:	11002036
Owner Name:	FRONTIER COMMUNICATION CORP
Owner Address:	2201 AVENUE I
Owner City/State/Zip:	75074
Tank Number:	T00001
Status:	REM - Removed
UST Capacity:	1000
Tank Content:	Diesel
Installation Date:	06/01/1992
Construction:	FRP-Fiberglass Reinforced Plastic
Date Last Used:	Not reported
Date TCL Closed:	Not reported
Date Removed:	12/21/2021
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:	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:	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:	And alarm
Comments:	Emergency Generator Tank

ARCHIVE UST:

Name:	MECHANISBURG CENTRAL OFFICE
Address:	25 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 43044
Facility Number:	11002036
Owner Name:	FRONTIER COMMUNICATION CORP
Owner Address:	11799 NORTH COLLEGE AVE
Owner City,St,Zip:	CARMEL, IN 46032
Owner Telephone:	(317)208-3474
Owner ID:	W025009
Facility Type:	Utilities

DRAFT

MECHANISBURG CENTRAL OFFICE (Continued) **U001432316**

Contact Name: DAN FARRELL
Contact Telephone: (740)817-0337
Tank Number: 1
Depth at Location: Zero
Authorized: No
Eligible Award: Not reported
Action: No

Permit:
Facility Id: 11002036
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/28/1994
LFD Permit Id: Not reported

Inspection:
Facility Id: 11002036
Permit Number: P00001
Code: 201
Inspection Type: Final

Tank ID: T00001
Tank Type: Not reported
Tank Status: **Currently In Use**
Install Date: Not reported
Content: Not reported
Capacity: Not reported
Corrosion Protection Tank: Not reported
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Release Detection On Tank: Not reported
Date Removed: Not reported
Date Last Use: Not reported
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: None Required (Emergency Generator UST)

C8 **DAVE KEHL CHEVROLET INC** **LUST** **U004088973**
SSW **45 E SANDUSKY ST** **N/A**
1/4-1/2 **MECHANICSBURG, OH 43044**
0.481 mi.
2538 ft. **Site 2 of 3 in cluster C**

Relative: **Lower**
Actual: **1071 ft.**

LUST:
Name: DAVE KEHL CHEVROLET INC
Address: 45 E SANDUSKY ST
City,State,Zip: MECHANICSBURG, OH 43044
Release Number: 11009714 - N00001
Release Date: 10/02/1989
LTF Status: 1 SUS/CON from regulated UST
FR Status: **NFA: No Further Action**
Priority: 2

DRAFT

DAVE KEHL CHEVROLET INC (Continued) **U004088973**

Review Date:	08/04/2000
Priority Decode:	SUS/CON from non-regulated UST
Class1 Decode:	A viable RP have been identified
Latitude:	40.072453
Longitude:	-83.554934
Class:	Viable Responsible Party has been identified
Incident Number:	11999800.0
Last Update:	Not reported
Last Update Date:	04/28/2012
Last Update Updated:	07/03/2002
Sub Status:	Not reported
Rules:	1992
Coordinator:	Raymond Bauman
Rating:	10

C9 **DAVE KEHL CHEVROLET INC** **UST FINDER RELEASE** **1029080774**
SSW **45 E SANDUSKY ST** **N/A**
1/4-1/2 **MECHANICSBURG, OH 0**
0.481 mi.
2538 ft. **Site 3 of 3 in cluster C**

Relative: **Lower**
Actual: **1071 ft.**

UST FINDER RELEASE:

Object ID:	306151
Facility ID:	OH11009714
Lust ID:	OH11009714-N00001
Name:	DAVE KEHL CHEVROLET INC
Address:	45 E SANDUSKY ST
City,State,Zip:	MECHANICSBURG, OH 0
Address Match Type:	Not reported
Reported Date:	1989/10/02 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	694
Domestic Wells within 1500ft:	123
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-83.55493
Y Coord:	40.0724500000001
Latitude:	40.07245
Longitude:	-83.5549299999999

DRAFT

10
SSW
1/2-1
0.629 mi.
3322 ft.

MECHANICSBURG GAS LIGHT COMPANY
WALNUT STREET NEAR RR
MECHANICSBURG, OH 43044

EDR MGP **1008407611**
N/A

Relative:
Lower

Actual:
1071 ft.

EDR MGP:

No additional information available

DRAFT

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

DRAFT

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

Lists of Federal NPL (Superfund) sites

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: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
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: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
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.

DRAFT

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

Lists of Federal Delisted NPL sites

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: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/20/2023
Next Scheduled EDR Contact: 04/08/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

DRAFT

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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

DRAFT

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: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
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: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

DRAFT

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: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
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: 07/25/2023
Date Data Arrived at EDR: 08/01/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 79

Source: Ohio EPA
Telephone: 614-644-3538
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

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: 09/27/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/29/2023
Number of Days to Update: 87

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2621
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LAST: Leaking Aboveground Storage Tank Listing

Suspected/confirmed release from Aboveground storage tank sites.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 12/04/2023
Number of Days to Update: 119

Source: Department of Commerce
Telephone: 614-752-7928
Last EDR Contact: 11/06/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: N/A

DRAFT

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: 08/03/2023
Date Data Arrived at EDR: 08/03/2023
Date Made Active in Reports: 08/08/2023
Number of Days to Update: 5

Source: Department of Commerce
Telephone: 614-752-8200
Last EDR Contact: 11/06/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

DRAFT

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Commerce
Telephone: 614-752-8200
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks
A listing of aboveground storage tank site locations in the state.

Date of Government Version: 10/28/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 88

Source: Department of Commerce
Telephone: 614-752-7037
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

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)

DRAFT

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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).

DRAFT

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 07/25/2023
Date Data Arrived at EDR: 08/01/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 79

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/01/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 79

Source: Ohio Environmental Protection Agency
Telephone: 614-644-2306
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

DRAFT

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Action Program Sites
Site involved in the Voluntary Action Program.

Date of Government Version: 07/25/2023
Date Data Arrived at EDR: 08/01/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 79

Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
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: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Varies

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: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield 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: 09/05/2023
Date Data Arrived at EDR: 09/07/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 82

Source: Ohio EPA
Telephone: 614-644-3748
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
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: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Semi-Annually

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility Listing
A listing of recycling facility locations.

Date of Government Version: 09/28/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/20/2023
Number of Days to Update: 78

Source: Ohio EPA
Telephone: 614-728-5357
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

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: 09/05/2023
Date Data Arrived at EDR: 09/07/2023
Date Made Active in Reports: 11/28/2023
Number of Days to Update: 82

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: No Update Planned

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: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

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: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

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

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: 01/17/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

DRAFT

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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 07/19/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 76

Source: Ohio EPA
Telephone: 614-644-2080
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
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: 11/14/2023
Date Data Arrived at EDR: 12/22/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

DRAFT

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
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: 07/19/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 76

Source: Ohio EPA
Telephone: 614-644-2084
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

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: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Quarterly

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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: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
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: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
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: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/13/2023
Next Scheduled EDR Contact: 04/01/2024
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.

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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: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
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: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/14/2023
Next Scheduled EDR Contact: 03/25/2024
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: 12/31/2021
Date Data Arrived at EDR: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
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: 10/19/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Annually

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/19/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/04/2023
Next Scheduled EDR Contact: 02/12/2024
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: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
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: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

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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: No Update Planned

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: No Update Planned

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: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
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: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
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: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/27/2023
Next Scheduled EDR Contact: 03/11/2024
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: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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.

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Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/19/2023
Next Scheduled EDR Contact: 04/08/2024
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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

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: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Biennially

DRAFT

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: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
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: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/08/2024
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.

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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: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Quarterly

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: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
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: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
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.

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Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/28/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

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: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

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.

DRAFT

Date of Government Version: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

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Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

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Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

DRAFT

PFAS: PFOA & PFOS Site Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950a??s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 10/06/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 02/27/2023
Number of Days to Update: 77

Source: Ohio EPA
Telephone: 614-644-2752
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

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: 12/06/2023
Date Data Arrived at EDR: 12/07/2023
Date Made Active in Reports: 12/20/2023
Number of Days to Update: 13

Source: Ohio EPA
Telephone: 614-644-2270
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification Listing

A listing of notifications site locations with abatement and demolition dates.

Date of Government Version: 10/20/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 85

Source: Ohio EPA
Telephone: 614-466-3770
Last EDR Contact: 01/24/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

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: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
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: 07/06/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 10/25/2022
Number of Days to Update: 76

Source: Ohio EPA
Telephone: 614-644-3065
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 09/01/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 12/05/2023
Number of Days to Update: 82

Source: Ohio EPA
Telephone: 614-644-3469
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 04/01/2024
Data Release Frequency: Semi-Annually

DRAFT

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: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FINANCIAL ASSURANCE 3: Financial Assurance3 Information Listing
Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/30/2023
Date Data Arrived at EDR: 10/06/2023
Date Made Active in Reports: 12/20/2023
Number of Days to Update: 75
Source: Ohio EPA
Telephone: 614-644-2621
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

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: 09/12/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/05/2023
Number of Days to Update: 83
Source: Department of Health
Telephone: 614-466-3543
Last EDR Contact: 12/12/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 07/28/2023
Date Data Arrived at EDR: 08/01/2023
Date Made Active in Reports: 10/23/2023
Number of Days to Update: 83
Source: Ohio EPA
Telephone: 614-644-2031
Last EDR Contact: 11/02/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Quarterly

VAPOR: Vapor Intrusion
A listing of vapor intrusion related sites.

Date of Government Version: 06/16/2020
Date Data Arrived at EDR: 06/18/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 75
Source: Ohio EPA
Telephone: 614-644-2924
Last EDR Contact: 12/06/2023
Next Scheduled EDR Contact: 03/25/2024
Data Release Frequency: Varies

DRAFT

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: 10/27/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 33

Source: Ohio EPA
Telephone: 614-644-2752
Last EDR Contact: 10/26/2023
Next Scheduled EDR Contact: 02/12/2024
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: 07/31/2023
Date Data Arrived at EDR: 08/02/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 78

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/09/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 10/31/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: Semi-Annually

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/30/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

DRAFT

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/29/2023
Next Scheduled EDR Contact: 03/18/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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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.

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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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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DRAFT

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

OHME DARBY MHP
284 E SANDUSKY STREET
MECHANICSBURG, OH 43044

TARGET PROPERTY COORDINATES

Latitude (North):	40.078777 - 40° 4' 43.60''
Longitude (West):	83.550057 - 83° 33' 0.21''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	282560.1
UTM Y (Meters):	4439407.0
Elevation:	1088 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14435126 MECHANICSBURG, OH
Version Date:	2019

DRAFT

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 principle 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

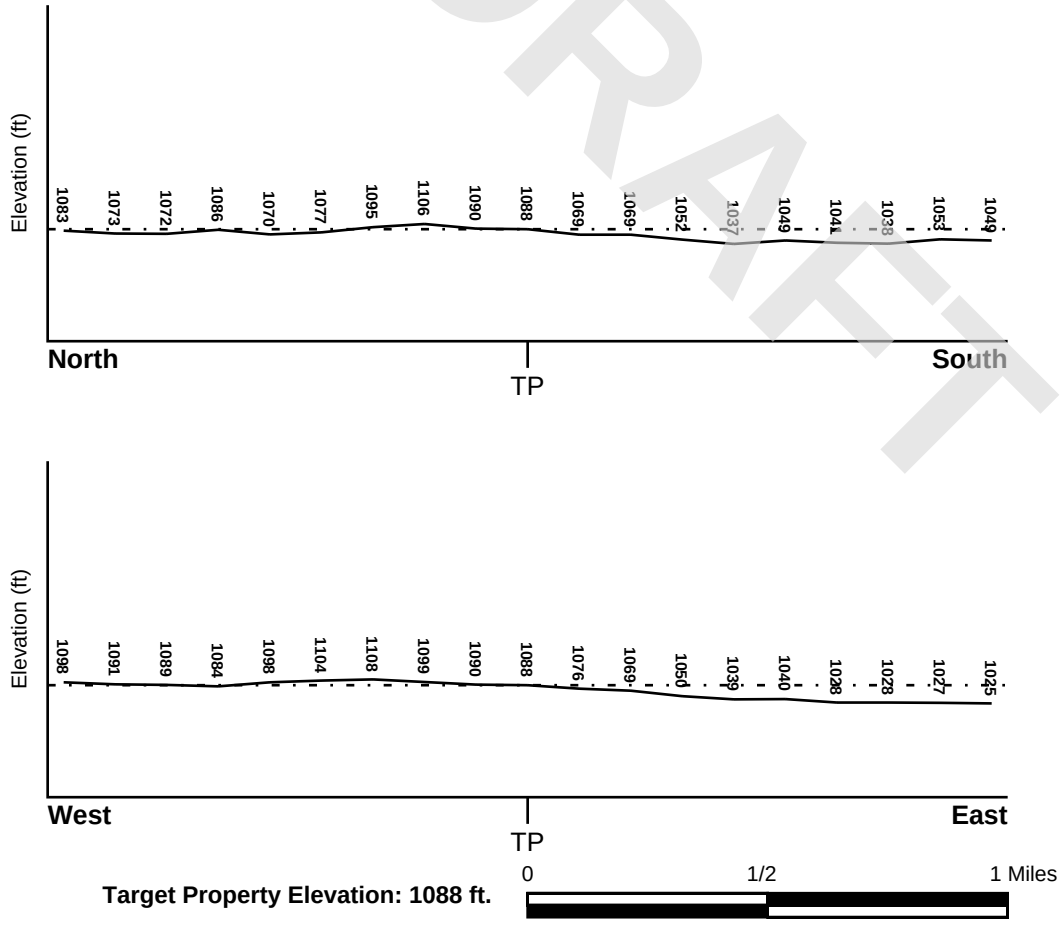
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

DRAFT

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
39021C0335D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
39021C0330D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MECHANICSBURG	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
Not Reported		

DRAFT

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:	Silurian
Series:	Upper Silurian (Cayugan)
Code:	S3 *(decoded above as Era, System & Series)*

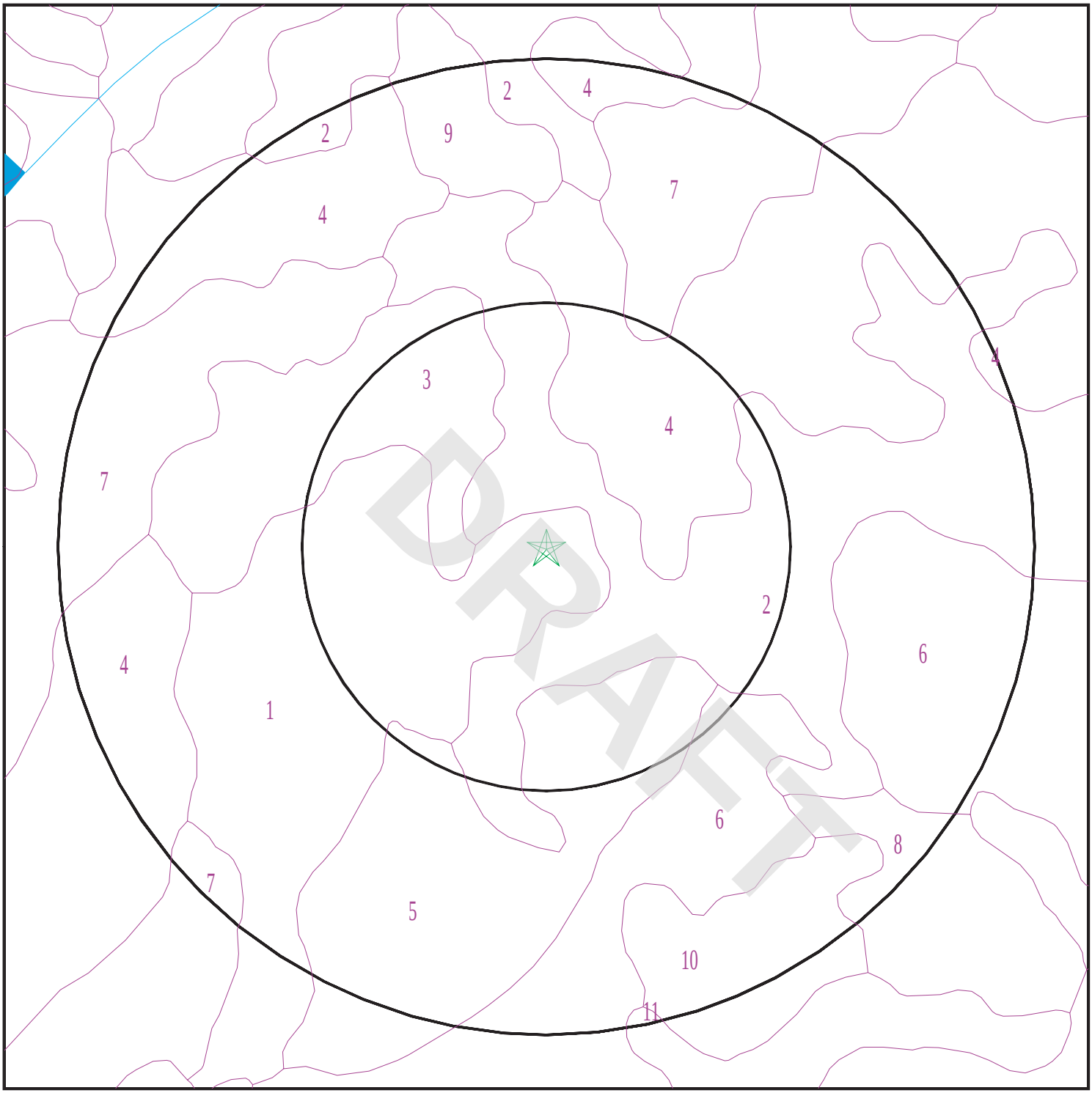
GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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).

DRAFT

SSURGO SOIL MAP - 7550080.2s



SITE NAME:	OHME Darby MHP	CLIENT:	GRS | Corteq
ADDRESS:	284 E Sandusky Street Mechanicsburg OH 43044	CONTACT:	Steve Canty
		INQUIRY #:	7550080.2s
LAT/LONG:	40.078777 / 83.550057	DATE:	January 25, 2024 10:23 am

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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: Celina

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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

DRAFT

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	11 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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	11 inches	29 inches	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%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	29 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Brookston

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

DRAFT

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	11 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: 8.4 Min: 7.4
2	11 inches	38 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: 8.4 Min: 7.4
3	38 inches	59 inches	silt 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: 3

Soil Component Name: Brookston

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 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	11 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: 8.4 Min: 7.4
2	11 inches	38 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: 8.4 Min: 7.4
3	38 inches	59 inches	silt 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

DRAFT

Soil Map ID: 4

Soil Component Name: Miami

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

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		
1	0 inches	3 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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	3 inches	22 inches	clay	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	22 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 5

Soil Component Name: Crosby

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

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		
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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	7 inches	24 inches	clay	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	24 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 6

Soil Component Name: Fox

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4
2	14 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4
3	20 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4
4	35 inches	59 inches	stratified sand to gravel	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 7

Soil Component Name: Miami

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: 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: > 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	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	7 inches	25 inches	clay	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	25 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 8

Soil Component Name: Casco

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
2	7 inches	18 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
3	18 inches	50 inches	stratified gravel to sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 9

Soil Component Name: Celina

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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

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		
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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
2	7 inches	25 inches	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%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4
3	25 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

DRAFT

Soil Map ID: 10

Soil Component Name: Pits, gravel

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 11

Soil Component Name: Casco

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

DRAFT

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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
2	5 inches	18 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
3	18 inches	50 inches	stratified gravel to sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.14	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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
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
F22	OH1134812	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	OHD900000083357	0 - 1/8 Mile SSE
A2	OHD900000077461	0 - 1/8 Mile SSE
3	OHD900000080715	1/8 - 1/4 Mile WSW
4	OHD900000079169	1/8 - 1/4 Mile NNE
B5	OHD900000095658	1/8 - 1/4 Mile East
B6	OHD900000095686	1/8 - 1/4 Mile ESE
B7	OHD900000886157	1/8 - 1/4 Mile East
B8	OHD900000721153	1/8 - 1/4 Mile East
9	OHD900000838255	1/8 - 1/4 Mile SSE
10	OHD900000082687	1/8 - 1/4 Mile WNW
B11	OHD900000886158	1/4 - 1/2 Mile East
C12	OHD900000784324	1/4 - 1/2 Mile ENE
C13	OHD900000815563	1/4 - 1/2 Mile ENE
C14	OHD900000823730	1/4 - 1/2 Mile ENE
D15	OHD900000842237	1/4 - 1/2 Mile ESE
D16	OHD900000083356	1/4 - 1/2 Mile ESE
E17	OHD900000409602	1/4 - 1/2 Mile West
E18	OHD900000409080	1/4 - 1/2 Mile WSW
19	OHD900000445717	1/4 - 1/2 Mile South
20	OHD900000811130	1/4 - 1/2 Mile SE
21	OHD900000083354	1/2 - 1 Mile ENE
F23	OHD900000048110	1/2 - 1 Mile SW
24	OHD900000077458	1/2 - 1 Mile SSW
25	OHD900000186588	1/2 - 1 Mile SSW
26	OHD900000561591	1/2 - 1 Mile West

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G27	OHDM30000020967	1/2 - 1 Mile WSW
G28	OHDM30000068394	1/2 - 1 Mile WSW
G29	OHDM30000024291	1/2 - 1 Mile WSW
G30	OHDM30000062776	1/2 - 1 Mile WSW
G31	OHDM30000034321	1/2 - 1 Mile WSW
G32	OHDM30000065104	1/2 - 1 Mile WSW
G33	OHDM30000020968	1/2 - 1 Mile WSW
G34	OHDM30000065105	1/2 - 1 Mile WSW
H35	OHDM30000045753	1/2 - 1 Mile SW
H36	OHDM30000045751	1/2 - 1 Mile SW
H37	OHDM30000045752	1/2 - 1 Mile SW
I38	OHD900000048133	1/2 - 1 Mile West
J39	OHD900000630674	1/2 - 1 Mile SE
K40	OHD900000575773	1/2 - 1 Mile SSW
K41	OHD900000828992	1/2 - 1 Mile SSW
K42	OHD900000828993	1/2 - 1 Mile SSW
I43	OHD900000031630	1/2 - 1 Mile West
I44	OHD900000080706	1/2 - 1 Mile West
I45	OHD900000080707	1/2 - 1 Mile West
46	OHD900000596545	1/2 - 1 Mile SW
47	OHD900000720592	1/2 - 1 Mile WNW
48	OHD900000829127	1/2 - 1 Mile SW
J49	OHD900000271595	1/2 - 1 Mile SSE
I50	OHD900000080709	1/2 - 1 Mile West
L51	OHD900000048114	1/2 - 1 Mile SSE
52	OHD900000735229	1/2 - 1 Mile South
L53	OHD900000077770	1/2 - 1 Mile SE
54	OHD900000083355	1/2 - 1 Mile NE
M55	OHD900000080701	1/2 - 1 Mile WNW
M56	OHD900000080705	1/2 - 1 Mile WNW
57	OHD900000886144	1/2 - 1 Mile West
L58	OHD900000338025	1/2 - 1 Mile SSE
N59	OHD900000771776	1/2 - 1 Mile SSE
O60	OHD900000080745	1/2 - 1 Mile SSE
61	OHD900000289167	1/2 - 1 Mile WSW
N62	OHD900000080695	1/2 - 1 Mile SSE
O63	OHD900000031626	1/2 - 1 Mile SE
P64	OHD900000080689	1/2 - 1 Mile South
N65	OHD900000080690	1/2 - 1 Mile SSE
O66	OHD900000448603	1/2 - 1 Mile SSE
O67	OHD900000076823	1/2 - 1 Mile SSE
68	OHD900000048105	1/2 - 1 Mile WSW
69	OHD900000186589	1/2 - 1 Mile SW
Q70	OHD900000770570	1/2 - 1 Mile WNW
R71	OHD900000048163	1/2 - 1 Mile SSE
72	OHD900000048098	1/2 - 1 Mile South
S73	OHD900000886156	1/2 - 1 Mile North
S74	OHD900000031633	1/2 - 1 Mile North
Q75	OHD900000630675	1/2 - 1 Mile WNW
76	OHPWS8000000535	1/2 - 1 Mile West
T77	OHD900000605784	1/2 - 1 Mile SSE
T78	OHD900000047522	1/2 - 1 Mile SSE

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
T79	OHD900000080688	1/2 - 1 Mile SSE
N80	OHD900000080691	1/2 - 1 Mile SSE
T81	OHD900000048113	1/2 - 1 Mile SSE
P82	OHD900000048112	1/2 - 1 Mile South
T83	OHD900000612709	1/2 - 1 Mile SSE
R84	OHD900000080692	1/2 - 1 Mile SSE

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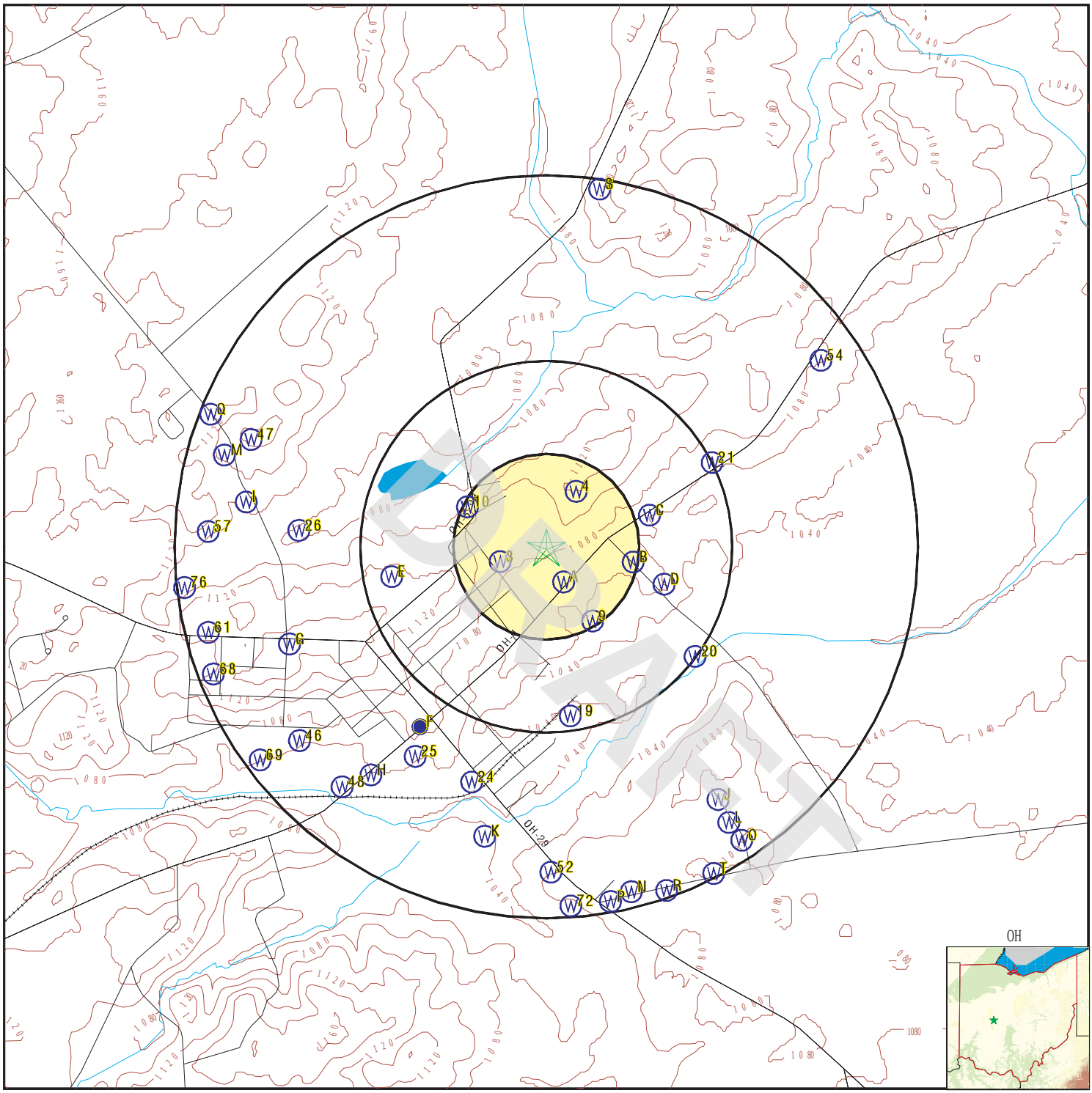
PHYSICAL SETTING SOURCE MAP - 7550080.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Oil, gas or related wells

SITE NAME:	OHME Darby MHP	CLIENT:	GRS | Corteq
ADDRESS:	284 E Sandusky Street Mechanicsburg OH 43044	CONTACT:	Steve Canty
		INQUIRY #:	7550080.2s
LAT/LONG:	40.078777 / 83.550057	DATE:	January 25, 2024 10:23 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number

A1
SSE
0 - 1/8 Mile
Lower

OH WELLS **OHD900000083357**

Database:	Water Well Database	Well Log #:	187034
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	5
Test Duration:	3	Surface Water Level (ft):	Not Reported
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	80
Completion Date:	19560601000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

A2
SSE
0 - 1/8 Mile
Lower

OH WELLS **OHD900000077461**

Database:	Water Well Database	Well Log #:	255744
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	8
Test Duration:	Not Reported	Surface Water Level (ft):	20
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	42
Completion Date:	19620723000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1050.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

3
WSW
1/8 - 1/4 Mile
Higher

OH WELLS **OHD900000080715**

Database:	Water Well Database	Well Log #:	187016
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	3
Test Duration:	1.5	Surface Water Level (ft):	20
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	55
Completion Date:	Not Reported	Depth to Bedrock (ft):	Not Reported

DRAFT

Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1064.3	Well Drilled By:	Not Reported
Comments:	Not Reported		

4
NNE **OH WELLS** **OHD900000079169**
1/8 - 1/4 Mile
Higher

Database:	Water Well Database	Well Log #:	283938
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	72.5
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	103
Completion Date:	19640130000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1047.2	Well Drilled By:	Not Reported
Comments:	Not Reported		

B5
East **OH WELLS** **OHD900000095658**
1/8 - 1/4 Mile
Lower

Database:	Water Well Database	Well Log #:	765376
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	15
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	126
Completion Date:	19921207000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

B6
ESE **OH WELLS** **OHD900000095686**
1/8 - 1/4 Mile
Lower

Database:	Water Well Database	Well Log #:	831219
Well Type:	Water Well	Drill Type:	ROTARY

DRAFT

Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL AND SAND	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	22
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	78
Completion Date:	19960131000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

B7
East
1/8 - 1/4 Mile
Lower

OH WELLS **OHD900000886157**

Database:	Water Well Database	Well Log #:	255745
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	44
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	67
Completion Date:	19620813000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1025.9	Well Drilled By:	Not Reported
Comments:	Not Reported		

B8
East
1/8 - 1/4 Mile
Lower

OH WELLS **OHD900000721153**

Database:	Water Well Database	Well Log #:	2025733
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SAND AND GRAVEL	Permit #:	42
Test Rate (gpm):	20	Draw Down:	5
Test Duration:	1	Surface Water Level (ft):	24
Date Measured:	20091222000000.000	Casing Height (ft):	1
Screen Length (ft):	2	Total Depth (ft):	61
Completion Date:	20091222000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5.5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	SUBMERSIBLE
Pump Capacity (gpm):	10	Pump Installed By:	MASON PLUMBING
Water Level Elev (ft):	1040.1	Well Drilled By:	Not Reported
Comments:	CLEAR		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
SSE
1/8 - 1/4 Mile
Lower

OH WELLS **OHD900000838255**

Database:	Water Well Database	Well Log #:	2065095
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Pumping	Well Use:	COMMERCIAL
Aquifer Type:	SAND AND GRAVEL	Permit #:	562251
Test Rate (gpm):	15	Draw Down:	2
Test Duration:	.5	Surface Water Level (ft):	17
Date Measured:	20171017000000.000	Casing Height (ft):	2
Screen Length (ft):	4	Total Depth (ft):	64
Completion Date:	20171017000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5.5	Screen Type:	LOUVERED
Screen Material:	PVC	Pump Type:	SUBMERSIBLE
Pump Capacity (gpm):	12	Pump Installed By:	SEISMIC DRILLING COMPANY, INC.
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

10
WNW
1/8 - 1/4 Mile
Higher

OH WELLS **OHD900000082687**

Database:	Water Well Database	Well Log #:	27256
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	30
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	91
Completion Date:	19500804000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1066.8	Well Drilled By:	Not Reported
Comments:	Not Reported		

B11
East
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000886158**

Database:	Water Well Database	Well Log #:	419329
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	LIMESTONE	Permit #:	Not Reported
Test Rate (gpm):	11	Draw Down:	90
Test Duration:	2	Surface Water Level (ft):	21
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	278
Completion Date:	19710414000000.000	Depth to Bedrock (ft):	255

DRAFT

Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1039.1	Well Drilled By:	Not Reported
Comments:	DGS adjusted bedrock depth based on surficial mapping.		

C12
ENE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000784324**

Database:	Water Well Database	Well Log #:	213812
Well Type:	Sealing Report	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	ABANDONED
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	0
Test Duration:	0	Surface Water Level (ft):	18
Date Measured:	20151215000000.000	Casing Height (ft):	0
Screen Length (ft):	Not Reported	Total Depth (ft):	40
Completion Date:	Not Reported	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	NEW WELL DRILLED		

C13
ENE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000815563**

Database:	Water Well Database	Well Log #:	2055446
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	5	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	28
Date Measured:	20151109000000.000	Casing Height (ft):	1
Screen Length (ft):	2	Total Depth (ft):	100
Completion Date:	20151109000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5.5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	SUBMERSIBLE
Pump Capacity (gpm):	5	Pump Installed By:	BLESSING PUMP
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	CLEAR		

C14
ENE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000823730**

Database:	Water Well Database	Well Log #:	2055447
Well Type:	Water Well	Drill Type:	ROTARY

DRAFT

Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SAND AND GRAVEL	Permit #:	529534
Test Rate (gpm):	5	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	28
Date Measured:	20151109000000.000	Casing Height (ft):	1
Screen Length (ft):	2	Total Depth (ft):	100
Completion Date:	20151109000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5.5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	SUBMERSIBLE
Pump Capacity (gpm):	5	Pump Installed By:	BLESSING PUMP
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	CLEAR		

D15
ESE **OH WELLS** **OHD900000842237**
1/4 - 1/2 Mile
Lower

Database:	Water Well Database	Well Log #:	432458
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	13	Draw Down:	5
Test Duration:	2	Surface Water Level (ft):	24
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	55
Completion Date:	19721110000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1032.6	Well Drilled By:	Not Reported
Comments:	Not Reported		

D16
ESE **OH WELLS** **OHD900000083356**
1/4 - 1/2 Mile
Lower

Database:	Water Well Database	Well Log #:	255724
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	19
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	31
Completion Date:	19610826000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1039.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E17
West
1/4 - 1/2 Mile
Higher

OH WELLS **OHD900000409602**

Database:	Water Well Database	Well Log #:	988464
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Pumping	Well Use:	AGRIC/IRRIG
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate (gpm):	80	Draw Down:	15
Test Duration:	1	Surface Water Level (ft):	80
Date Measured:	20050406000000.000	Casing Height (ft):	Not Reported
Screen Length (ft):	8	Total Depth (ft):	124
Completion Date:	20050406000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1043	Well Drilled By:	Not Reported
Comments:	Not Reported		

E18
WSW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD900000409080**

Database:	Water Well Database	Well Log #:	988463
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Pumping	Well Use:	AGRIC/IRRIG
Aquifer Type:	LIMESTONE	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	80
Date Measured:	20050405000000.000	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	455
Completion Date:	20050405000000.000	Depth to Bedrock (ft):	302
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1044.2	Well Drilled By:	Not Reported
Comments:	DGS adjusted bedrock depth based on surficial mapping.		

19
South
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000445717**

Database:	Water Well Database	Well Log #:	163688
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	3
Test Duration:	2	Surface Water Level (ft):	11
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	50
Completion Date:	19560519000000.000	Depth to Bedrock (ft):	Not Reported

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Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1036.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

20
SE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD900000811130**

Database:	Water Well Database	Well Log #:	2048394
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	507468
Test Rate (gpm):	20	Draw Down:	42
Test Duration:	2	Surface Water Level (ft):	38
Date Measured:	20140714000000.000	Casing Height (ft):	1.3
Screen Length (ft):	2	Total Depth (ft):	97
Completion Date:	20140714000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	989.4	Well Drilled By:	Not Reported
Comments:	CLEAR		

21
ENE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000083354**

Database:	Water Well Database	Well Log #:	27443
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	9	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	30
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	83
Completion Date:	19540909000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1030.8	Well Drilled By:	Not Reported
Comments:	Not Reported		

F22
SW
1/2 - 1 Mile
Lower

FRDS PWS **OH1134812**

Epa region:	05	State:	OH
Pwsid:	OH1134812	Pwsname:	INDIAN SPRINGS GOLF CLUB

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Cityserved:	Not Reported	Stateserved:	OH
Zipserved:	Not Reported	Fipscounty:	39021
Status:	Active	Retpopsrvd:	100
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	LONG, KYLE	Contactorgname:	LONG, KYLE
Contactphone:	937-653-8875	Contactaddress1:	INDIAN SPRINGS GOLF CLUB
Contactaddress2:	11111 STATE RTE 161	Contactcity:	MECHANICSBURG
Contactstate:	OH	Contactzip:	43044
Pwsactivitycode:	A		

Pwsid:	OH1134812	Facid:	1981
Facname:	INDIAN SPRINGS GOLF CLUB	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	softening (hardness removal)
Trtprocess:	ion exchange	Factypecode:	TP

PWS ID:	OH1134812	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	INDIAN SPRINGS GOLF CLUB
PWS type code:	NC	Retail population served:	120
Contact:	LONG, KYLE	Contact address:	11111 STATE ROUTE 161
Contact address:	MECHANICSBURG	Contact city:	OH
Contact state:	43	Contact zip:	937-834-21
Contact telephone:	Not Reported		

PWS ID:	OH1134812	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000200	System name:	INDIAN SPRINGS GOLF CLUB
System address:	HERB BASH, BASH RECREATION		
System address:	6720 RIVERSIDE DRIVE	System city:	DUBLIN
System state:	OH	System zip:	43017

Population served:	101 - 500 Persons	Treatment:	Treated

Latitude:	400418	Longitude:	0833323

Violation id:	8056401	Orig code:	S
State:	OH	Violation Year:	2000
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2000
Cmp edt:	12/31/2000		

Violation id:	8056508	Orig code:	S
State:	OH	Violation Year:	2007
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2007
Cmp edt:	09/30/2007		

Violation id:	8056509	Orig code:	S
State:	OH	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2009

DRAFT

Cmp edt:	06/30/2009		
Violation id:	8056510	Orig code:	S
State:	OH	Violation Year:	2010
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2010
Cmp edt:	03/31/2010		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9400017	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	100193	Violation end date:	123193
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9203468	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	070192	Violation end date:	093092
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Violation ID:	466395	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466499	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466597	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466698	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466798	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466894	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	466992	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	04/19/2007
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	467092	Orig Code:	S

DRAFT

Enforcemnt FY: 2007
Enforcement Detail: St Compliance achieved
Enforcement Action: 04/19/2007
Enforcement Category: Resolving

Violation ID: 7779499
Enforcemnt FY: 2007
Enforcement Detail: St Compliance achieved
Orig Code: S
Enforcement Action: 04/19/2007
Enforcement Category: Resolving

Violation ID: 8056401
Enforcemnt FY: 2001
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal
Orig Code: S
Enforcement Action: 01/29/2001

Violation ID: 8056401
Enforcemnt FY: 2007
Enforcement Detail: St Compliance achieved
Orig Code: S
Enforcement Action: 04/19/2007
Enforcement Category: Resolving

Violation ID: 8056401
Enforcemnt FY: 2001
Enforcement Detail: St Public Notif received
Orig Code: S
Enforcement Action: 02/05/2001
Enforcement Category: Informal

Violation ID: 8056401
Enforcemnt FY: 2001
Enforcement Detail: St Public Notif requested
Orig Code: S
Enforcement Action: 01/29/2001
Enforcement Category: Informal

Violation ID: 8056508
Enforcemnt FY: 2008
Enforcement Detail: St Public Notif requested
Orig Code: S
Enforcement Action: 11/19/2007
Enforcement Category: Informal

Violation ID: 8056508
Enforcemnt FY: 2008
Enforcement Detail: St Public Notif received
Orig Code: S
Enforcement Action: 11/14/2007
Enforcement Category: Informal

Violation ID: 8056508
Enforcemnt FY: 2008
Enforcement Detail: St Compliance achieved
Orig Code: S
Enforcement Action: 04/24/2008
Enforcement Category: Resolving

Violation ID: 8056508
Enforcemnt FY: 2008
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal
Orig Code: S
Enforcement Action: 11/19/2007

Violation ID: 8056509
Enforcemnt FY: 2010
Enforcement Detail: St Compliance achieved
Orig Code: S
Enforcement Action: 02/09/2010
Enforcement Category: Resolving

Violation ID: 8056509
Enforcemnt FY: 2009
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal
Orig Code: S
Enforcement Action: 07/28/2009

Violation ID: 8056509
Enforcemnt FY: 2009
Enforcement Detail: St Public Notif requested
Orig Code: S
Enforcement Action: 07/28/2009
Enforcement Category: Informal

Violation ID: 8056510
Enforcemnt FY: 2010
Enforcement Detail: St Public Notif requested
Orig Code: S
Enforcement Action: 04/20/2010
Enforcement Category: Informal

Violation ID: 8056510
Enforcemnt FY: 2010
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal
Orig Code: S
Enforcement Action: 04/20/2010

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Violation ID:	8056510	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	10/07/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2000 0:00:00	Compliance end date:	12/31/2000 0:00:00
Enforcement date:	1/29/2001 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2000 0:00:00	Compliance end date:	12/31/2000 0:00:00
Enforcement date:	1/29/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2000 0:00:00	Compliance end date:	12/31/2000 0:00:00
Enforcement date:	2/5/2001 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056401
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	10/1/2000 0:00:00	Compliance end date:	12/31/2000 0:00:00
Enforcement date:	4/19/2007 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056508
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	11/14/2007 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056508
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	11/19/2007 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056508
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	11/19/2007 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		
PWS name:	INDIAN SPRINGS GOLF CLUB	Population served:	120
PWS type code:	NC	Violation ID:	8056508
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Major (TCR)
Compliance start date:	7/1/2007 0:00:00	Compliance end date:	9/30/2007 0:00:00
Enforcement date:	4/24/2008 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

F23
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048110**

Database:	Water Well Database	Well Log #:	285100
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	5
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	41
Completion Date:	19640910000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1077.8	Well Drilled By:	Not Reported
Comments:	Not Reported		

24
SSW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000077458**

Database:	Water Well Database	Well Log #:	344909
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	6
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	45
Completion Date:	19660604000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1048.6	Well Drilled By:	Not Reported
Comments:	Not Reported		

25
SSW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000186588**

Database:	Water Well Database	Well Log #:	44161
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	Not Reported
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	90
Completion Date:	19500515000000.000	Depth to Bedrock (ft):	Not Reported

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Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

26
West
1/2 - 1 Mile
Lower

OH WELLS **OHD900000561591**

Database:	Water Well Database	Well Log #:	342863
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	0
Test Duration:	2	Surface Water Level (ft):	47
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	70
Completion Date:	19651019000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1032.1	Well Drilled By:	Not Reported
Comments:	Not Reported		

G27
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000020967**

Database:	Monitoring Water Wells Listing		
Well Log #:	321629	Well Type:	Sealing Report
Drill Type:	Not Reported	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	Not Reported
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	Not Reported	Date Measured:	Not Reported
Casing Height (ft):	Not Reported	Screen Length (ft):	Not Reported
Total Depth (ft):	16	Completion Date:	20181023000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	Not Reported
Screen Type:	Not Reported	Screen Material:	Not Reported
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	MONITORING WELL NO LONGER NEEDED.		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G28
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000068394**

Database:	Monitoring Water Wells Listing		
Well Log #:	2066246	Well Type:	Water Well
Drill Type:	GEOPROBE	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	Not Reported
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	Not Reported	Date Measured:	Not Reported
Casing Height (ft):	0	Screen Length (ft):	14
Total Depth (ft):	16	Completion Date:	20170928000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	321629	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	TMW-3 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS NOT DETERMINED.		

G29
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000024291**

Database:	Monitoring Water Wells Listing		
Well Log #:	2066243	Well Type:	Water Well
Drill Type:	GEOPROBE	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	SILT
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	.6	Date Measured:	20170928000000.000
Casing Height (ft):	0	Screen Length (ft):	10
Total Depth (ft):	11	Completion Date:	20170928000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	321626	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	TMW-1 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS AT 0.6'.		

G30
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000062776**

Database:	Monitoring Water Wells Listing		
Well Log #:	321626	Well Type:	Sealing Report
Drill Type:	Not Reported	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	Not Reported
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	Not Reported	Date Measured:	Not Reported

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Casing Height (ft):	Not Reported	Screen Length (ft):	Not Reported
Total Depth (ft):	11	Completion Date:	20181023000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	Not Reported
Screen Type:	Not Reported	Screen Material:	Not Reported
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	MONITORING WELL NO LONGER NEEDED.		

G31
WSW **OH WELLS** **OHDM30000034321**
1/2 - 1 Mile
Higher

Database:	Monitoring Water Wells Listing		
Well Log #:	321627	Well Type:	Sealing Report
Drill Type:	Not Reported	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	Not Reported
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	Not Reported	Date Measured:	Not Reported
Casing Height (ft):	Not Reported	Screen Length (ft):	Not Reported
Total Depth (ft):	12	Completion Date:	20181023000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	Not Reported
Screen Type:	Not Reported	Screen Material:	Not Reported
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	MONITORING WELL NO LONGER NEEDED.		

G32
WSW **OH WELLS** **OHDM30000065104**
1/2 - 1 Mile
Higher

Database:	Monitoring Water Wells Listing		
Well Log #:	2066245	Well Type:	Water Well
Drill Type:	GEOPROBE	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	GRAVEL
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	5.5	Date Measured:	20170928000000.000
Casing Height (ft):	0	Screen Length (ft):	10
Total Depth (ft):	12	Completion Date:	20170928000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	321627	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	TMW-2 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS AT 5.5'.		

DRAFT

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G33
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000020968**

Database:	Monitoring Water Wells Listing		
Well Log #:	321630	Well Type:	Sealing Report
Drill Type:	Not Reported	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	Not Reported
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	Not Reported	Date Measured:	Not Reported
Casing Height (ft):	Not Reported	Screen Length (ft):	Not Reported
Total Depth (ft):	14	Completion Date:	20181023000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	Not Reported
Screen Type:	Not Reported	Screen Material:	Not Reported
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	MONITORING WELL NO LONGER NEEDED.		

G34
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHDM30000065105**

Database:	Monitoring Water Wells Listing		
Well Log #:	2066248	Well Type:	Water Well
Drill Type:	GEOPROBE	Test Type:	Not Reported
Well Use:	MONITOR	Aquifer Type:	SILT
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	10.5	Date Measured:	20170928000000.000
Casing Height (ft):	0	Screen Length (ft):	10
Total Depth (ft):	14	Completion Date:	20170928000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	321630	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	Not Reported
Well Drilled By:	Not Reported		
Comments:	TMW-4 IS A 2" MONITORING WELL. WATER DURING DRILLING WAS AT 10.5'.		

H35
SW
1/2 - 1 Mile
Lower

OH WELLS **OHDM30000045753**

Database:	Monitoring Water Wells Listing		
Well Log #:	2044459	Well Type:	Water Well
Drill Type:	DIRECT PUSH	Test Type:	Bailing
Well Use:	MONITOR	Aquifer Type:	SAND AND GRAVEL
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	0	Date Measured:	20130807000000.000

DRAFT

Casing Height (ft):	Not Reported	Screen Length (ft):	10
Total Depth (ft):	20	Completion Date:	20130807000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	1058.9
Well Drilled By:	Not Reported	Comments:	Not Reported

H36
SW
1/2 - 1 Mile
Lower

OH WELLS **OHDM30000045751**

Database:	Monitoring Water Wells Listing		
Well Log #:	2044457	Well Type:	Water Well
Drill Type:	DIRECT PUSH	Test Type:	Bailing
Well Use:	MONITOR	Aquifer Type:	SAND AND GRAVEL
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	0	Date Measured:	20130807000000.000
Casing Height (ft):	Not Reported	Screen Length (ft):	10
Total Depth (ft):	20	Completion Date:	20130807000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	1058.1
Well Drilled By:	Not Reported	Comments:	Not Reported

H37
SW
1/2 - 1 Mile
Lower

OH WELLS **OHDM30000045752**

Database:	Monitoring Water Wells Listing		
Well Log #:	2044458	Well Type:	Water Well
Drill Type:	DIRECT PUSH	Test Type:	Bailing
Well Use:	MONITOR	Aquifer Type:	SAND
Permit #:	Not Reported	Test Rate (gpm):	Not Reported
Draw Down:	Not Reported	Test Duration:	Not Reported
Surface Water Level (ft):	0	Date Measured:	20130807000000.000
Casing Height (ft):	Not Reported	Screen Length (ft):	10
Total Depth (ft):	20	Completion Date:	20130807000000.000
Depth to Bedrock (ft):	Not Reported	Drill Year:	Not Reported
Well Seal Report #:	Not Reported	Screen Diameter (in):	2
Screen Type:	MACHINE SLOTTED	Screen Material:	PVC
Pump Type:	Not Reported	Pump Capacity (gpm):	Not Reported
Pump Installed By:	Not Reported	Water Level Elev (ft):	1058.1
Well Drilled By:	Not Reported	Comments:	Not Reported

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I38
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000048133**

Database:	Water Well Database	Well Log #:	499512
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	0
Test Duration:	.5	Surface Water Level (ft):	13
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	43
Completion Date:	19770831000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

J39
SE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000630674**

Database:	Water Well Database	Well Log #:	832123
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL AND SAND	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	81
Test Duration:	2	Surface Water Level (ft):	35
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	81
Completion Date:	19960221000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

K40
SSW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000575773**

Database:	Water Well Database	Well Log #:	2082121
Well Type:	Water Well	Drill Type:	MUD ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	544091
Test Rate (gpm):	20	Draw Down:	5
Test Duration:	2	Surface Water Level (ft):	15
Date Measured:	20200925000000.000	Casing Height (ft):	1
Screen Length (ft):	4	Total Depth (ft):	40
Completion Date:	20200925000000.000	Depth to Bedrock (ft):	Not Reported

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Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5	Screen Type:	CONTINOUS WIRE WOUND
Screen Material:	STAINLESS STEEL	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

K41
SSW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000828992**

Database:	Water Well Database	Well Log #:	2082120
Well Type:	Water Well	Drill Type:	MUD ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	544091
Test Rate (gpm):	20	Draw Down:	30
Test Duration:	8	Surface Water Level (ft):	11
Date Measured:	20200924000000.000	Casing Height (ft):	1
Screen Length (ft):	5	Total Depth (ft):	130
Completion Date:	20200924000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	329811
Screen Diameter (in):	5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	WATER WAS DIRTY AND WOULD NOT CLEAR, WELL ABANDONED.		

K42
SSW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000828993**

Database:	Water Well Database	Well Log #:	329811
Well Type:	Sealing Report	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	Not Reported	Permit #:	544091
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	11
Date Measured:	20200924000000.000	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	130
Completion Date:	20200925000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	INADEQUATE WATER SUPPLY.		

I43
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000031630**

Database:	Water Well Database	Well Log #:	96183
Well Type:	Water Well	Drill Type:	Not Reported

DRAFT

Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	10
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	68
Completion Date:	19531020000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1087.9	Well Drilled By:	Not Reported
Comments:	Not Reported		

I44
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000080706**

Database:	Water Well Database	Well Log #:	187005
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	2	Surface Water Level (ft):	18
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	38
Completion Date:	19540404000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1088.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

I45
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000080707**

Database:	Water Well Database	Well Log #:	192131
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	18	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	15
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	41
Completion Date:	19571217000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1096.5	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

46
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000596545**

Database:	Water Well Database	Well Log #:	246632
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	12	Draw Down:	5
Test Duration:	2	Surface Water Level (ft):	Not Reported
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	50
Completion Date:	19600521000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

47
WNW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000720592**

Database:	Water Well Database	Well Log #:	2028214
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	GRAVEL AND BOULDERS	Permit #:	NON-POT
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	Not Reported
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	150
Completion Date:	20100804000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	3 BORE HOLES AT 150 FT.		

48
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000829127**

Database:	Water Well Database	Well Log #:	625422
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	30	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	0
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	92
Completion Date:	19850330000000.000	Depth to Bedrock (ft):	Not Reported

DRAFT

Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

J49
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000271595**

Database:	Water Well Database	Well Log #:	882320
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	158
Test Rate (gpm):	15	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	44
Date Measured:	19981105000000.000	Casing Height (ft):	Not Reported
Screen Length (ft):	2	Total Depth (ft):	82
Completion Date:	19981105000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1032.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

I50
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000080709**

Database:	Water Well Database	Well Log #:	241446
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	25
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	107
Completion Date:	19620405000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1096.5	Well Drilled By:	Not Reported
Comments:	Not Reported		

L51
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048114**

Database:	Water Well Database	Well Log #:	344931
Well Type:	Water Well	Drill Type:	Not Reported

DRAFT

Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL AND SAND	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	92
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	141
Completion Date:	19661116000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	979.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

52
South
1/2 - 1 Mile
Lower

OH WELLS **OHD900000735229**

Database:	Water Well Database	Well Log #:	2017818
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SAND AND GRAVEL	Permit #:	36
Test Rate (gpm):	40	Draw Down:	8
Test Duration:	1	Surface Water Level (ft):	18
Date Measured:	20080726000000.000	Casing Height (ft):	1.3
Screen Length (ft):	2	Total Depth (ft):	57
Completion Date:	20080726000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1044.3	Well Drilled By:	Not Reported
Comments:	WATER CLEAR, NO ODOR.		

L53
SE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000077770**

Database:	Water Well Database	Well Log #:	367015
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	36
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	111
Completion Date:	19680418000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1042.1	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

54
NE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000083355**

Database:	Water Well Database	Well Log #:	160524
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	6
Test Duration:	Not Reported	Surface Water Level (ft):	26
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	60
Completion Date:	19560925000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1050.1	Well Drilled By:	Not Reported
Comments:	Not Reported		

M55
WNW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000080701**

Database:	Water Well Database	Well Log #:	187006
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	2	Surface Water Level (ft):	23
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	43
Completion Date:	19541004000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1092.2	Well Drilled By:	Not Reported
Comments:	Not Reported		

M56
WNW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000080705**

Database:	Water Well Database	Well Log #:	187007
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	20
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	46
Completion Date:	19551007000000.000	Depth to Bedrock (ft):	Not Reported

DRAFT

Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1107.8	Well Drilled By:	Not Reported
Comments:	Not Reported		

57
West
1/2 - 1 Mile
Higher

OH WELLS **OHD900000886144**

Database:	Water Well Database	Well Log #:	326950
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	2	Surface Water Level (ft):	38
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	53
Completion Date:	19680215000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1071.2	Well Drilled By:	Not Reported
Comments:	Not Reported		

L58
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000338025**

Database:	Water Well Database	Well Log #:	960342
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Pumping	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL AND CLAY	Permit #:	140
Test Rate (gpm):	10	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	25
Date Measured:	20030328000000.000	Casing Height (ft):	1
Screen Length (ft):	10	Total Depth (ft):	52
Completion Date:	20030328000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1051.9	Well Drilled By:	Not Reported
Comments:	Not Reported		

N59
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000771776**

Database:	Water Well Database	Well Log #:	196956
Well Type:	Sealing Report	Drill Type:	Not Reported

DRAFT

Test Type:	Not Reported	Well Use:	ABANDONED
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	0
Test Duration:	0	Surface Water Level (ft):	38
Date Measured:	20141215000000.000	Casing Height (ft):	0
Screen Length (ft):	Not Reported	Total Depth (ft):	63
Completion Date:	Not Reported	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	casing - pitted addition		

O60
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080745**

Database:	Water Well Database	Well Log #:	640203
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	25	Draw Down:	Not Reported
Test Duration:	1	Surface Water Level (ft):	28
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	52
Completion Date:	19830126000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

61
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000289167**

Database:	Water Well Database	Well Log #:	879077
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Not Reported	Well Use:	PUBLIC/SEMI-PUB
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	352	Draw Down:	47
Test Duration:	24	Surface Water Level (ft):	23
Date Measured:	19991025000000.000	Casing Height (ft):	Not Reported
Screen Length (ft):	11	Total Depth (ft):	81
Completion Date:	19991025000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1102.6	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N62
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080695**

Database:	Water Well Database	Well Log #:	166968
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	8	Draw Down:	7
Test Duration:	1	Surface Water Level (ft):	24
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	93
Completion Date:	19560601000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1052.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

O63
SE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000031626**

Database:	Water Well Database	Well Log #:	325656
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	2
Test Duration:	2	Surface Water Level (ft):	27
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	50
Completion Date:	19670603000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1053.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

P64
South
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080689**

Database:	Water Well Database	Well Log #:	160515
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	8
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	23
Completion Date:	19560718000000.000	Depth to Bedrock (ft):	Not Reported

DRAFT

Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1069	Well Drilled By:	Not Reported
Comments:	Not Reported		

N65
SSE **OH WELLS** **OHD900000080690**
1/2 - 1 Mile
Lower

Database:	Water Well Database	Well Log #:	186974
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	18
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	113
Completion Date:	19570807000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1055.9	Well Drilled By:	Not Reported
Comments:	Not Reported		

O66
SSE **OH WELLS** **OHD900000448603**
1/2 - 1 Mile
Lower

Database:	Water Well Database	Well Log #:	425031
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	40	Draw Down:	30
Test Duration:	4	Surface Water Level (ft):	50
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	180
Completion Date:	19720420000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1032.2	Well Drilled By:	Not Reported
Comments:	Not Reported		

O67
SSE **OH WELLS** **OHD900000076823**
1/2 - 1 Mile
Lower

Database:	Water Well Database	Well Log #:	436436
Well Type:	Water Well	Drill Type:	Not Reported

DRAFT

Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	16	Draw Down:	5
Test Duration:	.8	Surface Water Level (ft):	22
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	53
Completion Date:	19730220000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1060.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

68
WSW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000048105**

Database:	Water Well Database	Well Log #:	369242
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	.5	Surface Water Level (ft):	Not Reported
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	59
Completion Date:	19700616000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

69
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD900000186589**

Database:	Water Well Database	Well Log #:	9911059
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	250	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	20
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	110
Completion Date:	19510101000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1034.8	Well Drilled By:	Not Reported
Comments:	Not Reported		

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q70
WNW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000770570**

Database:	Water Well Database	Well Log #:	2056904
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SAND AND GRAVEL	Permit #:	529550
Test Rate (gpm):	20	Draw Down:	0
Test Duration:	4	Surface Water Level (ft):	20
Date Measured:	20160426000000.000	Casing Height (ft):	2
Screen Length (ft):	3	Total Depth (ft):	58
Completion Date:	20160426000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	5	Screen Type:	MACHINE SLOTTED
Screen Material:	PVC	Pump Type:	SUBMERSIBLE
Pump Capacity (gpm):	10	Pump Installed By:	UNDERHILL WELL & PUMP CO., LLC
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	CLEAR		

R71
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048163**

Database:	Water Well Database	Well Log #:	754809
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL AND SAND	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	38
Test Duration:	24	Surface Water Level (ft):	33
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	121
Completion Date:	19920510000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

72
South
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048098**

Database:	Water Well Database	Well Log #:	458733
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	20	Draw Down:	0
Test Duration:	2	Surface Water Level (ft):	27
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	72
Completion Date:	19730810000000.000	Depth to Bedrock (ft):	Not Reported

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Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1028.6	Well Drilled By:	Not Reported
Comments:	Not Reported		

S73
North
1/2 - 1 Mile
Higher

OH WELLS **OHD900000886156**

Database:	Water Well Database	Well Log #:	122701
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	50
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	81
Completion Date:	19531212000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1068.2	Well Drilled By:	Not Reported
Comments:	Not Reported		

S74
North
1/2 - 1 Mile
Higher

OH WELLS **OHD900000031633**

Database:	Water Well Database	Well Log #:	88304
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	65
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	91
Completion Date:	19520619000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1052.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

Q75
WNW
1/2 - 1 Mile
Higher

OH WELLS **OHD900000630675**

Database:	Water Well Database	Well Log #:	518663
Well Type:	Water Well	Drill Type:	Not Reported

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Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	12	Draw Down:	2
Test Duration:	.5	Surface Water Level (ft):	31
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	43
Completion Date:	19780121000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

76
West
1/2 - 1 Mile
Higher

OH WELLS **OHPWS8000000535**

Database:	Public Water Systems Data	PWS ID:	OH1100712
Well Number:	10395	Well Name:	Mechanicsburg,Village Of Well 0004
Public System Name:	Mechanicsburg Village Pws	ODNR Well Log #:	Not Reported
Well Availability:	Permanent	Activation Date:	1999-10-15T00:00:00.000Z
Well Status:	Active	System Status:	Active
Last Well Update:	2008-12-04T15:31:29.000Z	Last System Update:	2016-01-14T09:57:29.000Z

T77
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000605784**

Database:	Water Well Database	Well Log #:	742797
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate (gpm):	8	Draw Down:	200
Test Duration:	1	Surface Water Level (ft):	235
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	380
Completion Date:	19920103000000.000	Depth to Bedrock (ft):	337
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

T78
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000047522**

Database:	Water Well Database	Well Log #:	462589
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported

DRAFT

Test Rate (gpm):	20	Draw Down:	0
Test Duration:	.5	Surface Water Level (ft):	60
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	152
Completion Date:	19760610000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

T79
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080688**

Database:	Water Well Database	Well Log #:	166966
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	5	Draw Down:	2
Test Duration:	.5	Surface Water Level (ft):	24.5
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	35
Completion Date:	19560512000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1059.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

N80
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080691**

Database:	Water Well Database	Well Log #:	147615
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND AND GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	7	Draw Down:	0
Test Duration:	3	Surface Water Level (ft):	65
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	126
Completion Date:	19550516000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1009.4	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

T81
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048113**

Database:	Water Well Database	Well Log #:	367005
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	Not Reported	Draw Down:	Not Reported
Test Duration:	Not Reported	Surface Water Level (ft):	35
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	142
Completion Date:	19671101000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1049	Well Drilled By:	Not Reported
Comments:	Not Reported		

P82
South
1/2 - 1 Mile
Lower

OH WELLS **OHD900000048112**

Database:	Water Well Database	Well Log #:	326949
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	10	Draw Down:	0
Test Duration:	1	Surface Water Level (ft):	27
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	129
Completion Date:	19680207000000.000	Depth to Bedrock (ft):	Not Reported
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1045.6	Well Drilled By:	Not Reported
Comments:	Not Reported		

T83
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000612709**

Database:	Water Well Database	Well Log #:	768673
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	30	Draw Down:	30
Test Duration:	2	Surface Water Level (ft):	20
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	50
Completion Date:	19930517000000.000	Depth to Bedrock (ft):	Not Reported

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Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	Not Reported	Well Drilled By:	Not Reported
Comments:	Not Reported		

R84
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD900000080692**

Database:	Water Well Database	Well Log #:	229514
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	GRAVEL	Permit #:	Not Reported
Test Rate (gpm):	15	Draw Down:	0
Test Duration:	Not Reported	Surface Water Level (ft):	25
Date Measured:	Not Reported	Casing Height (ft):	Not Reported
Screen Length (ft):	Not Reported	Total Depth (ft):	266
Completion Date:	19610920000000.000	Depth to Bedrock (ft):	0
Drill Year:	Not Reported	Well Seal Report #:	Not Reported
Screen Diameter (in):	Not Reported	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity (gpm):	Not Reported	Pump Installed By:	Not Reported
Water Level Elev (ft):	1047.7	Well Drilled By:	Not Reported
Comments:	Not Reported		

DRAFT

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
43044	75	41.5	0.1	6.11	3.41

Federal EPA Radon Zone for CHAMPAIGN 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: 43044

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.800 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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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, 2010 and 2015 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.

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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 non-community and non-transient non-community water wells; and source treatment unit locations.

Water Treatment Facilities
Source: Ohio Environmental Protection Agency
Telephone: 614-644-2752

Water Well Database
Source: Department of Natural Resources
Telephone: 614-265-6740

Monitoring Water Wells Listing
Source: Department of Natural Resources
Telephone: 614-265-6740

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Source: Department of Natural Resources
Telephone: 614-265-6740
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.

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

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

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DRAFT

J: Regulatory Documents

DRAFT

C06-03-00-44-00-002-00

2/2/2024

Karen T. Bailey
County Auditor
Champaign County, Ohio
auditor.co.champaign.oh.us

MOST RECENT PHOTO

LEGAL

OWNER	OHME DARBY MHP LLC
ADDRESS	284 E SANDUSKY ST
DESCRIPTION	RTS 00-00-00 __ 4743 PT MCARTHUR PAR 002-02 TO BE ATTACHED
SCHOOL DIST	MECHANICSBURG EVSD **TAX DIST** C06
ACREAGE	4.3630

VALUATION

	APPRAISED	ASSESSED
LAND	$42,900.00	$15,020.00
IMPROVEMENTS	$213,150.00	$74,600.00
CAUV	$0.00	$0.00
TOTAL	$256,050.00	$89,620.00

TAXES

TAXABLE VALUE	$89,620.00
ROLLBACKS	NONE
DELINQUENT (TOTAL / BALANCE)	$0.00/ $0.00
HALF (1ST / 2ND)	$2,483.50 / $2,483.50
YEAR (TOTAL / BALANCE)	$4,967.00 / $4,967.00

SPECIAL ASSESSMENTS

COUNT	0
YEAR (TOTAL / BALANCE)	$0.00 / $0.00
DELINQUENT (TOTAL / BALANCE)	$0.00 / $0.00

MOST RECENT SALES

DATE	BUYER	SELLER	# PARCELS	PRICE	VALIDITY
10/9/2019	OHME DARBY MHP LLC	OMHE DARBY MHP LLC	2	$0.00	False
5/6/2016	OMHE DARBY MHP LLC	DARBY VIEW LLC	2	$192,500.00	True
7/5/2012	DARBY VIEW LLC	FINLEY SHELLEY & WILLIAM	2	$350,000.00	True
12/28/1999	FINLEY SHELLEY & WILLIAM	DETRICK HOWARD JOHN	1	$296,000.00	True
5/15/1998	DETRICK HOWARD JOHN	OWEN ANNAJEAN	1	$247,000.00	True

LAND

CODE	DIM 1	DIM 2	DIM 3	VALUE
A7-SECONDARY SITE	3	0	0	$26,900.00
A6-PRIMARY SITE	1	0	0	$16,000.00

ADDITIONS

IMPROVEMENTS

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DESCRIPTION (CARD: 1 / # 1)	MH1-MH PARK IMP EXCELLENT UN BUILT IN 1992	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	G-GOOD / B	**VALUE (FINAL / TOTAL)**	$210,560.00 / $21,269.00
DESCRIPTION (CARD: 1 / # 2)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1987	**DIMENSIONS / AREA**	70 x 14 / 980 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 5)	RS1-SHED FRAME UTILITY SF BUILT IN 1992	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / C-1	**VALUE (FINAL / TOTAL)**	$430.00 / $2,159.00
DESCRIPTION (CARD: 1 / # 60)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 61)	RM3-MH SINGLE WIDE - PP SF BUILT IN 2001	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 62)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1998	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 63)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	72 x 14 / 1,008 sqft
CONDITION / GRADE	F-FAIR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 64)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 65)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1996	**DIMENSIONS / AREA**	70 x 14 / 980 sqft
CONDITION / GRADE	A-AVERAGE / D+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 1 / # 66)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1992	**DIMENSIONS / AREA**	76 x 16 / 1,216 sqft
CONDITION / GRADE	A-AVERAGE / D	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 2 / # 7)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$50.00 / $353.00
DESCRIPTION (CARD: 2 / # 8)	CP5-CANOPY ONLY SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$40.00 / $267.00
DESCRIPTION (CARD: 2 / # 9)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1988	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 2 / # 10)	SM5-MH WOOD DECK SF BUILT IN 1988	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$210.00 / $794.00
DESCRIPTION (CARD: 2 / # 11)	CP5-CANOPY ONLY SF BUILT IN 1988	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$70.00 / $476.00
DESCRIPTION (CARD: 3 / # 12)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1971	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 3 / # 13)	CP5-CANOPY ONLY SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$50.00 / $267.00
DESCRIPTION (CARD: 3 / # 14)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$60.00 / $353.00
DESCRIPTION (CARD: 4 / # 17)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1982	**DIMENSIONS / AREA**	60 x 12 / 720 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 5 / # 18)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1966	**DIMENSIONS / AREA**	54 x 12 / 648 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 5 / # 19)	SM5-MH WOOD DECK SF BUILT IN 1966	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$100.00 / $756.00
DESCRIPTION (CARD: 6 / # 23)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	57 x 12 / 684 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 6 / # 24)	MV1-MISC STRUCTURE SV BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft

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CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$40.00 / $288.00
DESCRIPTION (CARD: 6 / # 25)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1995	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 7 / # 29)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1987	**DIMENSIONS / AREA**	59 x 14 / 826 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 7 / # 30)	SM5-MH WOOD DECK SF BUILT IN 1987	**DIMENSIONS / AREA**	16 x 12 / 192 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$220.00 / $864.00
DESCRIPTION (CARD: 8 / # 31)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1972	**DIMENSIONS / AREA**	62 x 14 / 868 sqft
CONDITION / GRADE	A-AVERAGE / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 8 / # 32)	SM3-MH COVERED PATIO/CP SF BUILT IN 1972	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	A-AVERAGE / E+1	**VALUE (FINAL / TOTAL)**	$160.00 / $821.00
DESCRIPTION (CARD: 8 / # 33)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1973	**DIMENSIONS / AREA**	67 x 14 / 938 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 8 / # 34)	SM5-MH WOOD DECK SF BUILT IN 1973	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E-1	**VALUE (FINAL / TOTAL)**	$110.00 / $720.00
DESCRIPTION (CARD: 8 / # 35)	CP5-CANOPY ONLY SF BUILT IN 1973	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$100.00 / $648.00
DESCRIPTION (CARD: 9 / # 36)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1977	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 9 / # 37)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1991	**DIMENSIONS / AREA**	68 x 12 / 816 sqft
CONDITION / GRADE	A-AVERAGE / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 38)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1974	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 39)	SM5-MH WOOD DECK SF BUILT IN 1974	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$50.00 / $340.00
DESCRIPTION (CARD: 10 / # 40)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1985	**DIMENSIONS / AREA**	66 x 14 / 924 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 10 / # 41)	SM5-MH WOOD DECK SF BUILT IN 1985	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$190.00 / $756.00
DESCRIPTION (CARD: 11 / # 42)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1986	**DIMENSIONS / AREA**	77 x 14 / 1,078 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 11 / # 43)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	56 x 12 / 672 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 11 / # 44)	MV2-MISC STRUCTURE SV BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$220.00 / $2,218.00
DESCRIPTION (CARD: 11 / # 45)	SM5-MH WOOD DECK SF BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	P-POOR / E+1	**VALUE (FINAL / TOTAL)**	$40.00 / $475.00
DESCRIPTION (CARD: 12 / # 47)	SM5-MH WOOD DECK SF BUILT IN 1980	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$120.00 / $648.00
DESCRIPTION (CARD: 12 / # 48)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1974	**DIMENSIONS / AREA**	57 x 12 / 684 sqft
CONDITION / GRADE	P-POOR / E	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 13 / # 50)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1971	**DIMENSIONS / AREA**	60 x 14 / 840 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 13 / # 51)	SM5-MH WOOD DECK SF BUILT IN 1971	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$140.00 / $1,037.00

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DESCRIPTION (CARD: 15 / # 56)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1979	**DIMENSIONS / AREA**	52 x 14 / 728 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 15 / # 57)	SM5-MH WOOD DECK SF BUILT IN 1979	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$110.00 / $605.00
DESCRIPTION (CARD: 15 / # 58)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1970	**DIMENSIONS / AREA**	48 x 12 / 576 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00
DESCRIPTION (CARD: 15 / # 59)	SM5-MH WOOD DECK SF BUILT IN 1970	**DIMENSIONS / AREA**	0 x 0 / 0 sqft
CONDITION / GRADE	F-FAIR / E+1	**VALUE (FINAL / TOTAL)**	$80.00 / $518.00

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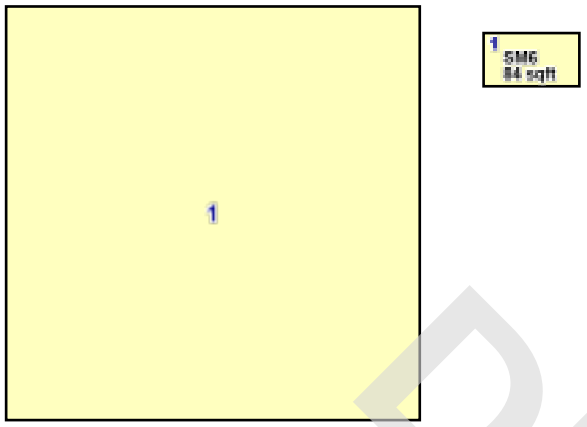
C06-03-00-44-00-002-02

2/2/2024

Karen T. Bailey
County Auditor
Champaign County, Ohio
auditor.co.champaign.oh.us

FIRST SKETCH



LEGAL

OWNER	OHME DARBY MHP LLC
ADDRESS	E SANDUSKY ST
DESCRIPTION	RTS 00-00-00 __ 4743 PT MCARTHUR TO BE ATTACHED TO 002-00
SCHOOL DIST	MECHANICSBURG EVSD
TAX DIST	C06
ACREAGE	0.0740

VALUATION

	APPRAISED	ASSESSED
LAND	$3,420.00	$1,200.00
IMPROVEMENTS	$690.00	$240.00
CAUV	$0.00	$0.00
TOTAL	$4,110.00	$1,440.00

TAXES

TAXABLE VALUE	$1,440.00
ROLLBACKS	NONE
DELINQUENT (TOTAL / BALANCE)	$0.00/ $0.00
HALF (1ST / 2ND)	$39.90 / $39.90
YEAR (TOTAL / BALANCE)	$79.80 / $79.80

SPECIAL ASSESSMENTS

COUNT	0
YEAR (TOTAL / BALANCE)	$0.00 / $0.00
DELINQUENT (TOTAL / BALANCE)	$0.00 / $0.00

MOST RECENT SALES

DATE	BUYER	SELLER	# PARCELS	PRICE	VALIDITY
10/9/2019	OHME DARBY MHP LLC	OMHE DARBY MHP LLC	2	$0.00	False
5/6/2016	OMHE DARBY MHP LLC	DARBY VIEW LLC	2	$192,500.00	True
7/5/2012	DARBY VIEW LLC	FINLEY SHELLEY & WILLIAM	2	$350,000.00	True
12/28/1999	FINLEY SHELLEY & WILLIAM	* NOT ON FILE *	1	$296,000.00	True

LAND

CODE	DIM 1	DIM 2	DIM 3	VALUE
A6-PRIMARY SITE	0	0	0	$3,420.00

ADDITIONS

IMPROVEMENTS

DESCRIPTION (CARD: 1 / # 1)	SM6-MH ATTACHED 1S FRAME SF BUILT IN 1980	**DIMENSIONS / AREA**	14 x 6 / 84 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$690.00 / $2,286.00
DESCRIPTION (CARD: 1 / # 2)	RM3-MH SINGLE WIDE - PP SF BUILT IN 1989	**DIMENSIONS / AREA**	68 x 14 / 952 sqft
CONDITION / GRADE	F-FAIR / D-1	**VALUE (FINAL / TOTAL)**	$0.00 / $0.00

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Champaign County Ohio

2/1/2024, 5:52:07 PM

1:2,257

0 0.01 0.03 0.05 mi

0 0.02 0.04 0.09 km

Parcels

Road Names

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Auditors Office

K: City Directories

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OHME Darby MHP
284 E Sandusky Street
Mechanicsburg, OH 43044

Inquiry Number: 7550080.5
January 26, 2024

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The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☐	EDR Digital Archive
2017	☑	☐	Cole Information
2014	☑	☐	Cole Information
2010	☑	☐	Cole Information
2005	☑	☐	Cole Information
2000	☑	☐	Cole Information
1995	☑	☐	Cole Information
1992	☑	☐	Cole Information

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FINDINGS

TARGET PROPERTY STREET

284 E Sandusky Street
Mechanicsburg, OH 43044

Year	*CD Image*	*Source*

E SANDUSKY ST

2020	pg A2	EDR Digital Archive
2017	pg A6	Cole Information
2014	pg A8	Cole Information
2010	pg A10	Cole Information
2005	pg A12	Cole Information
2000	pg A14	Cole Information
1995	pg A16	Cole Information
1992	pg A18	Cole Information

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FINDINGS

CROSS STREETS

No Cross Streets Identified

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City Directory Images

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Target Street	Cross Street	Source
✔	-	EDR Digital Archive

E SANDUSKY ST 2020

101	CHARLIE BRINK
	CHRISTOPHER LAYNE
	DAVID DURAND
	MARK GORDON
102	DEBRA TEETS
	DEBRA WALTERS
	KYLE TEETS
	ROY WALTERS
103	ANITA PHILLIPS
105	ARTHUR LYNDAKER
	JOANNA FLOSS
108	ADAM SORENSEN
	HEATHER SORENSEN
109	BEAU FOSS
	JOSHUA BASSO
	KIMBERLY FOSS
	MARANDA COLLIER
115	CASEY LIVINGSTON
	MICHAEL LIVINGSTON
116	JONATHAN LEESON
	NORMA LEESON
	SHARON LEESON
121	LANDON HEADINGS
124	JAMI BALDWIN
127	MARK VANHOUTEN
	NICHOLAS HUNTER
	TISHA VANHOUTEN
133	MARIA MCNICOL
136	CARMELA WIANT
	DAVID MONEY
137	JOSEPH HERDMAN
	REBECCA CONRAD
141	JOE WIANT
	NANCY WIANT
145	BARBARA EDWARDS
	MICHAEL EDWARDS
146	ARIANNE BOLIN
	JEREMY BOLIN
	WILLIAM BOLIN
150	RICK SADLER
	VIRGIE SADLER
153	JOHN HUXLEY
	SARAH HUXLEY
159	HEATHER TRAINER
	JON TRAINER
	YVONNE TRAINER
160	LISA ALLEN
	SHAUN ALLEN
	SHAUN WILL
163	TERRY SHONKWILER

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E SANDUSKY ST 2020 (Cont'd)

163	TIMOTHY SHONKWILER
168	JENNIFER GARRISON
	NORMAN GARRISON
173	NICHOLAS DUGAN
	RICHARD WISKIRCHEN
174	MITZI JONES
177	SHEILA CALLICOAT
180	CHASE HOLLEY
	CODY COLLIER
	ETHEL COLLIER
	LINDSEY COLLIER
	MAX COLLIER
	MICHELLE HOLLEY
	SCOTT COLLIER
188	JARED HARSHBARGER
	ROXANNE FRALEY
	VICTORIA FRALEY
	WAYNE FRALEY
196	HOLLY DELONG
	TYLER DELONG
200	CHARLES WORKMAN
201	BETTY RODGERS
	DAVID MEEKS
	HEATHER MEEKS
202	AMIE FOX
	JAMES FOX
206	ANTHONY JACKSON
	HEIDI LOVE-JACKSON
	HEIDI WOOD
	SCOTT WOOD
211	EVAN ELLIOTT
	HANNAH ELLIOTT
217	CAMERON DOGGETT
	JESSICA DOGGETT
223	ALLISON HIXON
	CHAD CHUSHMAN
	MALLORY BOSTICK
227	CARL FOSS
	CONNIE FOSS
	LOUELLA FOSS
	PAUL FOSS
231	ASHLEA HULL
	DOUGLAS HULL
	DUSTIN KEMPF
	MIKE HULL
	PATRICIA GOULD
	TAMMARA HULL
240	BRENDA WILLIAMS
	RONNIE WILLIAMS
245	ERIC BELL

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E SANDUSKY ST 2020 (Cont'd)

245	LARRY BELL
258	MARGARET DUFFY
261	DANA BEATTY
	JEANETTE MALO
	KYLE BEATTY
264	BRIAN GANO
	GAGE GANO
	GINA GANO
	JIM GANO
	KEITHA GANO
270	ALISHIA BISHOP
	BRIAN GANO
	HAROLD BISHOP
271	ANDREA HORD
	ROGER HORD
	TRACEY HORD
275	HEMISPHERE COFFEE ROASTERS LLC
283	JOANNE HUTSON
	WILLIAM LEMASTER
284	ANN WYATT
	APRIL HOBLER
	BARBARA ROUSH
	CARL MARCUM
	CHONA BURKS
	CONSTANCE GREGG
	CORDELL GREGG
	DANNY DIXON
	DAVID KENDRICK
	DENA TULL
	DENNIS TATMAN
	DOROTHY OLIVER
	ERNEST HOCK
	GEORGE ARNOLD
	GREGORY WYATT
	HARRY WHITED
	HUNTER GREGG
	JARRET BRODERICK
	JASON FRISBY
	JAYME FULTZ
	JERROD BURKS
	JESSICA PITTS
	JOHN CAUDILL
	JOSHUA COMBS
	KAYLA STEWART
	LARRY ROSEBERRY
	MARKUS MASSIE
	MASON PTULL
	MICHAEL MARSH
	NICHOLAS NEWMAN
	RICHARD MARSH

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E SANDUSKY ST 2020 (Cont'd)

284	RICKIE TATMAN
	RUTH CAUDILL
	RUTH DEWEESE
	RYAN NEWMAN
	SHARON HOLTSCHULTE
	SHAWN DOSS
	SHAWNA GODART
	SHIRLEY CHESSER
	STANLEY OLIVER
	TARA HUNT
	TERRY DODDS
	TIMOTHY MORGAN
	TIMOTHY TULL
285	HALEY GOFFE
	JACQUELINE GOFFE
	MICHAELA EDWARDS
	TODD EDWARDS
286	BLUE RHINO
	FAMILY DOLLAR STORE
	REDBOX

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2017

102	WALTERS, DEBRA L
105	BROWN, SAMMY
108	SORENSEN, ADAM K
109	FOSS, BEAU A
115	LIVINGSTON, CASEY L
116	LEESON, DIANA
121	RAPELYE, ADELE P
124	OYER, DUANE
127	BIGGS, SAMANTHA J
133	BALTES, MARGARET A
136	WIANT, DAVID M
137	ENDICOTT, BRANDY L
141	WIANT, JOSEPH D
145	EDWARDS, MICHAEL K
146	BOLIN, JEREMY S
150	SADLER, RICK L
159	TRAINER, JON W
163	SHONKWILER, TIM L
168	GARRISON, JENNIFER
169	MCGUIRE, ELEANOR
173	WISKIRCHEN, RICHARD E
174	JONES, MITZI
177	CALLICOAT, SHEILA J
180	COLLIER, MAX A
183	BUTZ, RICHARD L
196	CANTRELL, JAMES P
200	FRALEY, DAVID F
201	RODGERS, BETTY J
202	FOX, JAMES E
206	JACKSON, ANTHONY D
210	BUZZARD BARN
	CHETS FOOD MARKET INC
211	SPARKS, JOHN J
223	HIXON, ALLISON R
227	FOSS, PAUL A
231	HULL, MIKE M
240	WILLIAMS, RONNIE E
245	BELL, LARRY F
258	DUFFY, KEVIN M
261	SHOEMAKER, PAUL A
264	GANO, BRIAN L
270	DUBBS, H
275	KURTZ, PAUL A
282	PRESTONS IGA
	UHAUL
283	HUTSON, JOANNE E
284	BRAUTIGAM, JAMES R
	CAUDILL, COURTNEY
	DODDS, CHRISTY
	FROST, MIRANDA

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2017 (Cont'd)

284 HELMS, JOHN P
HONEYMAN, RON
JENKINS, CINDY
OLIVER, DAVID
SHOEMAKER, LLOYD J
TATMAN, APRIL
TULL, BRIAN L
WILDER, BETH
WILSON, LORRAINE L
WYATT, GREG A

286 REDBOX

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2014

101	OCCUPANT UNKNOWN,
102	WALTERS, DEBRA L
103	PEARSON, CASEY
108	SORENSEN, ADAM K
109	OCCUPANT UNKNOWN,
115	LIVINGSTON, CASEY L
116	LEESON, JON D
121	THOMPSON, PAUL N
124	OWEN, AMY L
127	PLACKE, AARON J
133	BALTES, PETER F
136	WIANT, DAVID M
137	HIGGINS, RONALD J
	WING, LESLIE
141	WIANT, JOSEPH D
145	EDWARDS, MICHAEL K
146	LEEDOM, DONALD L
150	SADLER, THERESA
153	CULP, MARY A
159	TRAINER, JON W
160	VENDLEY, KELLY
163	SHONKWILER, TIM L
168	OCCUPANT UNKNOWN,
169	SCOTT, ANDREW R
173	OCCUPANT UNKNOWN,
174	OCCUPANT UNKNOWN,
177	CALLICOAT, SHEILA J
180	COLLIER, MAX A
183	BUTZ, RICHARD L
188	OCCUPANT UNKNOWN,
196	CANTRELL, JAMES P
200	LAYNE, DANIEL L
201	RODGERS, BETTY J
202	OCCUPANT UNKNOWN,
206	WOOD, SCOTT A
210	BUZZARD BARN
211	SPARKS, JOANN A
217	OCCUPANT UNKNOWN,
223	CUSHMAN, JAMES G
227	FOSS, CONNIE I
231	OCCUPANT UNKNOWN,
240	WILLIAMS, RONNIE E
245	BELL, LARRY F
257	OCCUPANT UNKNOWN,
258	DUFFY, KEVIN M
261	MALO, JEANETTE N
264	GANO, BRIAN L
270	GAGE, P G
275	OCCUPANT UNKNOWN,
282	UHAUL

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2014 (Cont'd)

283 HUTSON, JOANNE E
284 BURKS, BRANDY
CAUDILL, COURTNEY
CHASTAIN, MICHAEL
CURRY, JENNIFER
CURTIS, PEGGY
FERGUSON, STEVEN
FULCHER, WILLIAM A
HERRON, JAMES O
HOLTSCHULTE, LISA
HONEYMAN, KIMBERLY
KENDRICK, TIMOTHY L
LEVERNIER, PATRICIA A
MASSIE, JAY
OLIVER, DAVID
PARKARD, JEREMY A
PITTS, JESSICA A
POLAND, MASON
PURK, SANDY K
TATMAN, DENNIS E
TULL, BRIAN L
WILSON, LORRAINE
WRIGHT, TAMMY
WYATT, GREG A
285 OCCUPANT UNKNOWN,
286 FAMILY DOLLAR

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2010

101	SADOWSKI, MARGARET
102	TEETS, KYLE
103	OCCUPANT UNKNOWN,
105	BROWN, BRENDA R
108	OYER, ARTHUR J
109	MERRITT, DAVE A
115	YOHN, AMY
116	LEESON, JON D
121	THOMPSON, PAUL N
124	MILLER, SKYLOR
127	BIGGS, SAMANTHA J
133	BALTES, MARGARET A
136	WIANT, CARMELA
137	CORNELISON, JASEN
	HERDMAN, JOSEPH L
	HIGGINS, RONALD J
141	WIANT, JOSEPH D
145	EDWARDS, MICHAEL K
146	LEEDOM, DONALD L
150	SADLER, RICK L
153	CULP, MARY A
159	TRAINER, JON W
160	OCCUPANT UNKNOWN,
163	OCCUPANT UNKNOWN,
168	GAVER, MELISSA A
169	SCOTT, ANDREW R
173	SPANGLER, JOHN R
174	TONEY, CURTIS R
177	CALLICOAT, ZACHARY
180	BARNETT, KATHY
183	BUTZ, RICHARD L
188	OCCUPANT UNKNOWN,
196	CANTRELL, JAMES P
200	LAYNE, KIMBERLY D
201	RODGERS, DAVID E
202	OCCUPANT UNKNOWN,
206	JACKSON, HEIDI
211	TROUP, JAMES R
217	OCCUPANT UNKNOWN,
223	CUSHMAN, JAMES G
227	FOSS, PAUL A
231	GOULD, RAYMOND M
240	MAPLE GROVE CEMETERIES
	WILLIAMS, RON E
245	OCCUPANT UNKNOWN,
257	KELLER, THOMAS W
258	DUFFY, KEVIN M
261	SHOEMAKER, PAUL A
264	GANO, BRIAN L
270	LANE, CONNIE B

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2010 (Cont'd)

271 GIBSON, JILL R
275 CURTIS, ROBERT
282 PRESTONS IGA
UHAUL CO
283 HUTSON, JOANNE E
284 BECK, ELIZABETH
BLACKBURN, CARL G
BURKS, TONY A
CALLAHAN, JAMES O
COSTA, ANDREA
FROST, GARRY L
HARSH, DOLLY
HERRON, JAMES O
KAUFMAN, TERI
LEWIS, DIANE K
LOVELESS, RONALD S
MASSIE, JERMEY
MOORE, E
MOORE, ROGER
OLIVER, STANLEY M
POWELL, CHRISTINA
PULLINS, LAWRENCE
QUICK, KATIE
ROBERTS, RAYMOND T
SEAGLE, DARREN
THOMPSON, PATRICIA A
TONEY, JENNA
TULL, TIM
WALLACE, JAMES
WENDEL, PHYLLIS
WHEATLEY, M
WHITED, LEE
WYCINSKI, WILLIAM
285 RIPLEY, JEFFERY N
286 FAMILY DOLLAR STORE

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2005

101 LYNDAKER, ANTHONY
102 TEETS, DEBRA L
103 ANDES TRADING CO
105 COLLIER, MARANDA L
108 OCCUPANT UNKNOWN,
STEWART, PATRICIA M
109 OCCUPANT UNKNOWN,
115 LIVINGSTON, MICHAEL J
121 BROWN, JAMES R
124 MILLER, ELANIE L
127 GIBSON, CORKY
133 BALTES, MARGARET A
136 CAM AUDIO
OCCUPANT UNKNOWN,
137 CAULEY, VICKIE L
CLEARY, JENNIFER E
COLLIER, JEFFERY S
141 WIANT, JOSEPH D
145 EDWARDS, MICHAEL K
146 LEEDOM, DONALD L
153 CULP, LEWIS E
160 DELAY, MANDY
163 FOUT, DAVID E
168 CHEEK, JOHN R
169 SCOTT ANDREW R REV
SCOTT, ROBERT A
173 SPANGLER, JOHN R
174 OCCUPANT UNKNOWN,
177 CALLICOAT, SHEILA J
180 PHARES, ANTHONY M
183 BUTZ, RICHARD L
188 VANHOOSE, MARGARET J
196 CANTRELL, JAMES P
200 FRALEY, DAVID
201 OCCUPANT UNKNOWN,
202 DILLARD, VIRGINIA A
206 WOOD, SCOTT A
211 TROUP, JAMES R
217 FITCH, EDWARD J
223 CUSHMAN, CHAD C
227 FOSS, PAUL A
231 GOULD, RAYMOND M
240 WILLIAMS, RON
245 BELL, LARRY F
257 OCCUPANT UNKNOWN,
258 DUFFY, KEVIN
261 MALO, JEANETTE L
264 GANO CO LLC
GANO, BRIAN L
270 SWENSON, ERIC A

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2005 (Cont'd)

271 YODER, HERMAN H
275 BARCLAY, DAVID L
282 CHET S FOOD MARKET INC
RAL REAL ESTATE LLC
283 LEMASTER, WILLIAM D
284 ADAMS, MILVA
ARNOLD, ROBERT E
BARE, WADE A
BOAZ, CYNTHIA A
BURKS, TONY
CAMPBELL, ANGELA
CORDLE, DAVID J
DOSS, SHAWN D
FERRIMAN, ERIC E
FLEMMINGS, DOROTHY
FRISBY, JASON
FROST, GARRY L
HATCHER, EDWIN L
HOWARD, JAMES
LAMENTO, MELISSA
LEWIS, BARBARA L
LEWIS, DIANE K
MOORE, ROGER
OLIVER, STANLEY
PACK, GLENN
PACKARD, JEREMY A
PARSON, JAMES
PULLINS, LAWRENCE
ROBSON, NOAH
SCOTT, MINA
THOMPSON, PATRICIA A
THOMSON, RACHEL
TULL, BRIAN
VANHOOSE, LINDA M
WHITED, LEE
WYATT, GREG A
285 RIPLEY, JEFFERY N

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2000

101	LIPPINCOTT, HARRY L
102	TEETS, RICK
103	OCCUPANT UNKNOWN,
105	OCCUPANT UNKNOWN,
108	OYER, ARTHUR J
109	FRENCH, ANN
115	CLEMENS, F M
121	BROWN, JAMES
124	MILLER, MELANIE
127	BAUGHMAN, BRYAN
133	BALTES, GERALD
136	OCCUPANT UNKNOWN,
141	WIANT, JOSEPH D
145	EDWARDS, HAROLD K
146	LEEDOM, DONALD
150	SADLER, RICK
153	OCCUPANT UNKNOWN,
159	OCCUPANT UNKNOWN,
160	WILL, SHAUN
163	OCCUPANT UNKNOWN,
169	SCOTT ANDREW R REV
173	POWERS, PINA
174	TONEY, CURTIS
177	CALLICOAT, SHEILA J
180	FULLER, TERRY
183	BUTZ, RICHARD
188	RATLIFF, JAYNE L
196	CANTRELL, JAMES
200	HUNTER, V E
201	BUTZ, RANDALL L
202	DILLARD, DAN
206	CLIGROW, WILLIAM
210	CHETS I G A MARKET
217	FITCH, EDWARD
223	CUSHMAN, BRENDA J
227	FOSS, PAUL
231	OCCUPANT UNKNOWN,
240	ROBINSON, MARTHA T
245	BELL, LARRY
257	OCCUPANT UNKNOWN,
258	DUFFY, PEGGY
261	MALO, HUGO L
270	OCCUPANT UNKNOWN,
271	BARCUS, KATHY
275	CURTIS, ROBERT
282	RITCHIE, JACK
283	KEEN, NANCY
284	ADAMS, MILVA B
	ARNOLD, GEORGE
	BARE, PAUL E

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 2000 (Cont'd)

284	BOWSHIER, BONNIE
	BYERS, CHARLES
	CANTRELL, VIOLET L
	CASTLE, JOHN F
	COLE, GENEVA
	COLLIER, K L
	CORDELL, KENT
	DOZER, DOROTHY E
	EVERSOLE, REBECCA A
	FERGUSON, STEVEN A
	HATCHER, EDWIN L
	MCMANNIS, LORI
	MOORE, ALICE A
	OLIVER, DOROTHY M
	PEASE, DAWN
	RISTER, GLENN A
	THOMPSON, P
	VANHOOSE, L M
285	RIPLEY, JEFF
286	NO LIMIT

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 1995

101	LIPPINCOTT, HARRY L
102	GOMEZ, DEBRA L
103	MCMAHILL, PHYLLIS
105	OCCUPANT UNKNOWNN
108	OYER, ARTHUR J
115	CLEMENS, F M
124	MILLER, MELANIE L
127	MCCOY, CHARLES
133	OCCUPANT UNKNOWNN
136	WIANT, DAVID
137	HUTSON, JOANNE
141	WIANT, JOSEPH D
145	EDWARDS, HAROLD K
146	LEEDOM, DONALD L
150	SADLER, RICK
153	OCCUPANT UNKNOWNN
159	TRAINER, MICHAEL H
160	ANDERSON, STEVEN A
163	OCCUPANT UNKNOWNN
168	OCCUPANT UNKNOWNN
169	ANDREW R SCOTT
	OCCUPANT UNKNOWNN
173	POWERS, PINA
174	OCCUPANT UNKNOWNN
177	KELLER, TABATHA
180	HANNAH, LARRY
183	BUTZ, RICHARD
188	OCCUPANT UNKNOWNN
196	CANTRELL, JAMES
200	HUNTER, ROBERT J
201	BUTZ, RANDALL L
202	OCCUPANT UNKNOWNN
206	CLIGROW, WILLIAM
210	CHETS IGA MARKET
211	OCCUPANT UNKNOWNN
213	GOULD, P S
217	FITCH, EDWARD
223	CUSHMAN, BRENDA J
227	FOSS, PAUL
231	GOULD, RAYMOND
240	ROBINSON, MARTHA T
245	BELL, LARRY
257	OCCUPANT UNKNOWNN
258	DUFFY, PEGGY
261	MEYER, SUSAN S
264	WALTERS, GERRY C
270	DIAL, DANIEL
271	YODER, JOHN H
275	CURTIS, ROBERT
282	DINGIEDINE, NANCY

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 1995 (Cont'd)

283 KEEN, NANCY
284 ADAMS, FEDROE
ARNOLD, GEORGE
CORNELISON, W
GREGORY, PAUL
HATCHER, EDWIN L
HERRON, JAMES
MATTOX, MISTIE
OLIVER, DOROTHY M
OWEN, LUTHER
REED, KELLY
SHORT, WILLIAM C
SMITH, DANA
VANHOOSE, LINDA M
285 RIPLEY, JEFF
286 SHERMAN, CYNTHIA
THOMPSONS GRAPHICS

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Target Street	Cross Street	Source
✔	-	Cole Information

E SANDUSKY ST 1992

101	LIPPINCOTT, HARRY L
102	GOMEZ, DEBRA L
103	MCMAHILL, PHYLLIS
105	CLARK, FREDDIE L
108	OYER, ARTHUR J
115	CLEMENS, F M
124	EDWARDS, EARL
133	BALTES, GERALD
136	WIANT, DAVID
137	HUTSON, J
141	WIANT, JOSEPH D
145	EDWARDS, HAROLD K
146	ARNETT, FRANCIS M
150	SADLER, RICK
159	TRAINER, MICHAEL H
169	SCOTT, ANDREW R
173	POWERS, PINA
174	TONEY, CURTIS R
177	CALLICOAT, BARRY L
180	HANNAH, LARRY
183	BUTZ, RICHARD
188	VANHOOSE, MICHAEL
196	CANTRELL, JAMES
200	HUNTER, ROBERT J
201	BUTZ, R L
206	CLIGROW, WILLIAM
217	FITCH, EDWARD
223	CUSHMAN, BRENDA J
227	FOSS, PAUL
240	ROBINSON, MARTHA T
245	SALYERS, JOHN
261	JOHNSON, ROBERT E
264	WALTERS, GERRY C
270	DIAL, DANIEL
275	CURTIS, ROBERT
283	KEEN, NANCY
284	BIDWELL, RENEE
	BOGGS, C L
	CORNELISON, W
	GREGORY, PAUL
	OWEN, LUTHER
	THORNHILL, JAMES J
	VANHOOSE, LINDA M

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L: Prior Reports

DRAFT

M: Title Records

DRAFT

N: Other Supporting Documents

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Allegiant
Commercial Asset Services Group, LLC

Management Questionnaire v.08.06.2021G
Return To: inspections@allegiant-inspections.com

Complete Following Section for All Property Types

Property Name: Chandler Mhp LLC
Address: 1616 E. Sandusky St
City/State/Zip: Mechanicsburg OH 43044

Affordable Housing?	Yes		No	✓	N/A	
Any Dark Space?	Yes		No	✓	N/A	
Any Down Space?	Yes		No	✓	N/A	

If Dark/Down Space Exists, Explain:

Rental Concessions? Yes | No ✓ | N/A
If Yes, Explain:

# Bldgs:	2
# of Elevators:	0
# of Parking Spaces:	166
# of Total Units:	33
# of Rooms (If Applicable):	0
# of Beds (If Applicable):	0
Sq. Ft. Gross:	Net:
Year Built:	Renovated:
# of Occupied Units:	33
# of Down Units:	0
# of Commercial Units:	0
Annual Occupancy %:	
Annual Turn Over %:	

Management Information:

Management Company Name: Impact Communities
Main Contact Name: Tonia Warren
Main Contact Email: twarren@impactmhc.com
Affiliated with the Borrower (Y/N)? Yes | No
Title: CM
Phone: (614) 560-92-95
Time at Property (Yrs):

Onsite Contact (If Different):
Onsite Contact Email:
Affiliated with the Borrower (Y/N)? Yes | No
Title:
Phone:
Time at Property (Yrs):

Change in Key Employees Past 12 Mos?	Yes		No	✓	Avg. Market Rents:	569.00
Units/Corp Leases for Home Sharing?	Yes		No	✓	Average Market Vacancy:	0
Code Violations Past 12 Mos?	Yes		No	✓	Date of Last Rent Increase:	9/23
Fire/Flood in Past 12 Mos?	Yes		No	✓	Amount of Last Increase:	20.00
Pending Lawsuits?	Yes		No	✓		

If "Yes" to any of the above, please explain in detail:

Is the Property a Co-Op? Yes | No ✓
If Yes to Co-Op, are there special assessments needed to cover expenses? Yes | No | Unk

What Operations & Maintenance (O&M) Plans Are In Effect at the Property?

	Mold/Moisture Prevention		Polychlorinated Biphenyls		Radon
	Lead Based Paint		Above Ground Storage Tanks		Other
	Asbestos		Below Ground Storage Tanks		Unknown

Is the property in compliance with all applicable O&M Plans? Yes | No | Unk
Where are Copies of O&M Plans Maintained? Off-Site | Onsite | Unk
Name/Title of Designated Person to Respond to O&M Issues:
Any Instances of Environmental Issues in Past 12 Months(spills, leaks, mold, radon gas, etc.?) Yes | No

If "Yes" explain in detail:

# of Leasing Employees:	1	# of Administrative Employees:	0
# of Maintenance Employees:	1	# of All Other Employees:	0

Commercial Tenants (list 3 largest Commercial Tenants (Where Applicable))

Tenant Name	Expiration	Sq. Feet	% NRA	Annual Rent	Lease Renewed

Required Supplemental Documentation:

- [ ] Current Rent Roll
- [ ] Attach List of Capital Improvements Completed in Past Year, In Process, or Planned Within Next 12 Months
- [ ] Copy of the Cover Page of Each Applicable O&M Plan (if listed above)
- [ ] Senior Living/Assisted Living Facility License (Senior Properties Only)

Disclosure: This is a baseline assessment restricted to visual survey of general property conditions at commonly accessible areas and excludes inspection and testing of structural components, building mechanical, and safety systems/equipment. Allegiant makes no warranty nor assumes liability for errors or omissions

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in reporting related to potential defects not reasonably visible or that are otherwise outside the scope of this visual survey.

Complete Following Section for MULTIFAMILY & SENIOR PROPERTIES ONLY

Safety Devices (# of Units Equipped)	
Smoke Detectors	
Fire Extinguishers	
Fire Sprinklers	
CO Detectors	
Last Fire Cert/Inspection Date:	

Green / Energy Efficient Devices (# of Units Equipped)	
WaterSense Certified 1.0-1.5 GPM Aerators @ Kitchens	
WaterSense Certified 1.0 GPM Aerators at Bathrooms	
WaterSense Certified 1.25-1.50 GPM Showerheads	
WaterSense Certified 1.28 GPF Toilets	
Energy Start Certified Smart Type Thermostats	
Energy Star Certified Appliances	
Energy Star Certified LED Lighting	

Unit Mix: *(Complete All Fields - Units of same type (ie. 1b/1b) should be listed with average SF and rents - do not separate by size)*

# Beds	# Bath	Avg SF	Avg Rent	Total Units	# Tenant Occupied	# Non Revenue	# Vacant	# Vacant Down
Studio	1							
1	1							
2	1							
2	1.5							
2	2							
3	2							
Enter Other								
Enter Other								
Totals:				0	0	0	0	0

List All Down Units by Unit #: *(All down units must be inspected)*

List All Non-Revenue Units by Unit #: *(All non-revenue, including model and employee free-rent units, must be inspected)*

List All Commercial Units by Unit #: *(All commercial units within a Multifamily development must be inspected)*

Certified By:

Name _____ Signature _____ Date _____

Complete Following Section and Next Page for SENIOR & HEALTHCARE PROPERTIES ONLY

Name of Administrator:			
Time on Property (Yrs):		Total Yrs. Experience:	
Name of Nursing Director:			
Time on Property (Yrs):		Total Yrs. Experience:	

# of Personnel/Staffing	Day	Evening	Night	Comments
RN's				
LPN's				
Non-Direct Care Staffing				
Administrative Personnel				

Estimated Annual Employee Turn Over:
- Direct Care Givers
- Administrative Personnel

Staffing Experience (# Years):
- Administrative/Executive Director:
- Head Care Giver/Resident Assistant:

Breakdown by Care Type	Total Units	# Units Occ	Total Beds	# Beds Occ	Payor Type
Independent Living					
Assisted Living					
Alzheimer's/Memory Care					
Other					
	0	0	0	0	

How Many Days Does it Take to Turn A Unit: _____ # of Units in Turn: _____

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Complete Following Section for All Senior Properties Only (Continued)

Resident Services Provided	Yes/No/NA	Frequency	Comment
24-Hour Nursing Care			
Physician Service			
Medication Assistance			
Specialized Dietary Services			
Meals			
Regular Health Assessments			
Scheduled Transportation			
Unscheduled Transportation			
Social and Activity Programs			
Housekeeping			
Laundry Service			

Exit Doors Alarmed		Licensed Dietician on Staff	
Wandergard/Elopement System		Menu Choices Available	
Dementia Unit Secured		Meals Delivered to Units	
Staff Utilizes Medication Aides		Pharmacy on Premise	
Staff Utilizes Medication Cart		Medication Room Secured	

List Staff that is Permitted to Administer Resident Medication:

Indicate How Resident Medication is Documented:

# of Nurses Stations: Location of Stations:

Management & Marketing

	Yes/No/NA	Comment
Does property have a written marketing plan?		
Does property maintain a resident list/waiting list?		
Does property network with religious organizations, hospitals, etc?		
Marketing material distribution/outreach?		
Telemarketing?		
Does property have a formal property brochure? (provide copy)		
Does property have a resident handbook? (provide copy)		

# of Leasing Staff: Total # of Years Experience of Leasing/Marketing Staff:

Nearest Two Competitors	# of Units	Type of Property	Operator

Name of Regulatory/Licensing Agency:	
Regulatory Agency Contact Person:	
Date of Last Agency Visit:	Exp. Date of License:

Are There Any Material Violations, Lawsuits, or Judgements Against Any Licensed Professional Employee Employed by the Operator? Yes No

Are There Any Material Violations, Lawsuits or Judgements Against Any Other Personnel at the Property? Yes No

Purpose of Agency Visit	Yes / No / NA	Comments
Certification/Licensure		
Life/Safety		
Follow Up		
Were Deficiencies Cited?		
Were Non-Monetary Penalties Assessed?		
Were Monetary Penalties Assessed?		
Does Agency Consider Property in Compliance		
Agency Report/Correction Plan? (Attach)		
Were Any Corrective Actions Related to Resident Care and/or Criminal Background Checks?		

Date of Expiration of Commercial Kitchen/Food & Beverage Permit

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Date of Expiration of Commercial Vehicle License/Permit

Date of Expiration of Elevator Certification/Permit

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Rent Roll

Community: OHME Darby MHP, LLC --- Please use this for your records Keep track of what each tenant pays so you can know who is delinquent.

Lot	Tenant Name	Acct#	Prior Balance	Charges	Balance Due	Amount Paid
01	David Colflesh	14104	$0.00	1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00	$714.73	| $
02	Edelmira Bustos	67423	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 520.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/2/2024 Payment Card Convenience Fee 20.01	$713.95	| $
03	Reese Allen	09659	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
04	Cordell Gregg	95106	-$648.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
05	Vicente Castro Leyva	14528	$0.00	1/2/2024 Rent Charge 531.29 1/2/2024 Security Deposit Lot 100.00 1/2/2024 Utility: Trash Service 30.00 1/2/2024 Utility: Service Fee 5.00 1/12/2024 Payment Card Convenience Fee 4.50	$584.00	| $
06	Bunnie Roseberry	47134	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
07	Matthew Schmucker	17731	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/4/2024 Payment Card Convenience Fee 4.50	$648.95	| $

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Lot	Tenant Name	Acct#	Prior Balance	Charges	Balance Due	Amount Paid
08	Holly Mercer	91148	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/3/2024 Payment Card Convenience Fee 4.50	$648.95	| $
09	Peggy Hall	05142	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$718.95	| $
10	Keyona Evans	10722	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
11	Vicki Christensen	65136	$788.51	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/6/2024 Late Charge 50.00	$2,411.41	| $
12	Dennis Tatman	47139	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$254.95	| $
13	Janet Bush	29016	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
14	Clyde Dodds	14076	$603.16	1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/5/2024 Payment Card Convenience Fee 4.50	$702.06	| $

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Lot	Tenant Name	Acct#	Prior Balance	Charges	Balance Due	Amount Paid
15	Nicole Miller	14675	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Sewer Base Charge 76.41	$718.95	| $
16	Tonia Herrera	76707	-$689.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 520.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$689.95	| $
17	Eduardo Santiago	86198	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/6/2024 Late Charge 50.00	$1,534.50	| $
18	Terry Dodds	47144	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/3/2024 Payment Card Convenience Fee 4.50	$648.95	| $
19	Richard Marsh	61672	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	| $
20	Clyde Jones	45736	-$689.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 520.00 1/1/2024 Utility: Sewer Base Charge 76.41	$0.00	| $
21	Amarilys Rodriguez Santana	34418	-$1,195.37	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Sewer Base Charge 76.41	$102.53	| $

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Lot	Tenant Name	Acct#	Prior Balance	Charges	Balance Due	Amount Paid
22	Stan Oliver	47146	-$808.46	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$489.44	$
23	Oscar Pedraza Quinones	98294	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Rent Charge 549.00 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/2/2024 Payment Card Convenience Fee 4.50	$1,463.47	$
24	Erin Hornbeck	81161	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/6/2024 Late Charge 50.00 1/29/2024 Payment Card Convenience Fee 20.27	$648.95	$
25	Mark Taylor	12108	-$639.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 470.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$0.00	$
26	Hunter Gregg	30707	-$689.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 520.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$689.95	$
27	Derek Gregg	95204	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	$
28	Constance Gregg	95105	-$648.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41	$648.95	$

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Lot	Tenant Name	Acct#	Prior Balance	Charges	Balance Due	Amount Paid
29	Tim Tull	47149	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/4/2024 Payment Card Convenience Fee 4.50	$648.95	| $
30	Sherry Kaiser	93124	-$648.95	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/26/2024 Payment Card Convenience Fee 4.50	$0.00	| $
31	Elizabeth Horner	81054	$0.00	1/1/2024 Utility: Water Base Charge 58.54 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 499.00 1/1/2024 Utility: Sewer Base Charge 76.41 1/6/2024 Late Charge 50.00	$668.95	| $
32	Carl Marcum	79382	$0.00	1/1/2024 Utility: Sewer charge 78.87 1/1/2024 Utility: Water charge 61.55 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Rent Charge 499.00 1/1/2024 MTM Fee 50.00	$724.42	| $
33	Michelle Vogt	05129	-$654.42	1/1/2024 Utility: Water charge 61.55 1/1/2024 Utility: Trash Service 30.00 1/1/2024 Rent Charge 479.00 1/1/2024 Utility: Service Fee 5.00 1/1/2024 Utility: Sewer charge 78.87 1/26/2024 Payment Card Convenience Fee 18.98	$0.00	| $
			-$5,923.23		**$21,618.58**	

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Listed below is information on those contaminants that were found in The Village of Mechanicsburg drinking water.

Contaminants	Collection Year	Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Residual Disinfectants								
Total Chlorine	2022	0.35	1-Sample 0.35	MRDLG = 4	= 4	ppm	No	Water additive used to control microbes.
Inorganic Contaminants								
Barium	2020	0.0783	N/A	2	2	ppm	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride	2020	0.44	N/A	4	4	ppm	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate	2022	0.12	0.12	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits
Disinfection Byproducts								
Total Trihalomethanes (TTHM)	2022	15.5	1-Sample 11.3 – 19.8	N/A	80	ppb	No	By product of drinking water chlorination
Haloacetic Acids (HAA5)	2022	6.45	1-Sample 4.1 – 8.8	N/A	60	ppb	No	By product of drinking water chlorination

Contaminants	Collection Year	Action Level (AL)	Individual Results over the AL	90% of test levels were less than	Violation	Typical Source of Contaminants
Lead and Copper						
Copper (ppm)	2022	1.3 ppm	None	0.195 ppm	No	Corrosion of household plumbing systems
	Zero out of 10 samples were found to have levels in excess of the copper action level of 1.3 ppm.					
Lead (ppb)	2022	15 ppb	None	1.6 ppb	No	Corrosion of household plumbing systems
	Zero out of 10 samples were found to have levels in excess of the lead action level of 15 ppb.					

Maximum contaminant Level Goal (MCLG): The level of a contaminant in drinking water below, which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Parts per Million (ppm)* or *Milligrams per Liter (mg/L): Units of measure for a concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.
***Parts per Billion (ppb)* or *Micrograms per Liter (ug/L)*:** Units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.
Picocuries per liter (pCi/L): A common measure of radioactivity.
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system much follow.
Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.
Contact Time (CT): The mathematical product of a "residual disinfectant concentration" (C), which is determined before or at the first customer, and the corresponding "disinfectant contact time" (T).
Maximum Residual Disinfectant Level Goal (MRDLG): The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants. ***Action Level (AL)*:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
The "<" symbol: A symbol which means less than. A result of <5 means that the lowest level that could be detected was 5 and the contaminant in that sample was not detected.

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Village of Mechanicsburg

Annual Drinking Water Quality Report 2022

CONSERVATION CORNER

Only 1% of the earth's water can be used for drinking

Turn off tap while brushing your teeth and shaving

Water your lawn in the cooler part of the day

Mechanicsburg Facts

- Serving 1,644 people
- Pumped 67.16 million gallons in 2022
- Pumped 184,000 gallons per day

EPA SAFE DRINKING WATER HOTLINE
1-800-426-4791
For any questions dealing with water quality

We are pleased to present to you this year's Annual Drinking Water Quality Report (Consumer Confidence Report) for Mechanicsburg Public Water System as required by the Safe Drinking Water Act (SDWA). This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of our water.

The Village of Mechanicsburg receives its drinking water from 3 active wells (well #1, well #4, well #5) off SR 29 that pump approximately 184,000 gallons of water per day to the Water Treatment Plant located at 420 West Main Street. The plant treats its water using aeration for iron oxidation followed by one detention basin, where chlorine is added. The water is then filtered through three, Greensand pressure filters and disinfected using sodium hypochlorite. Three high service pumps send the finished water to the distribution system. There is a diesel generator on site for auxiliary power.

Susceptibility Analysis

This assessment indicates that the Village of Mechanicsburg's source of drinking water has a moderate susceptibility to contamination due to:

- Presence of a relatively thick protective layer of clay overlying the aquifer,
- No evidence to suggest that ground water has been impacted by any significant levels of chemical contaminants from human activities,
- Presence of significant potential contaminant sources in the protection area.

This susceptibility means that under currently existing conditions, the likelihood of the aquifer becoming contaminated is moderate. This likelihood can be minimized by implementing appropriate protective measures. This susceptibility analysis is subject to revision if new potential contaminate sources are sited within the projection area, or if water sampling indicates contamination by a manmade contaminant source.

Copies of the source water assessment report prepared for The Village of Mechanicsburg are available at the village municipal building.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally- occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Federal Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The EPA requires regular sampling to ensure drinking water safety. The Village of Mechanicsburg conducted sampling for bacteria; inorganic; radiological; synthetic organic; volatile organic during 2022. Samples were collected for a total of 10 different contaminants most of which were not detected in the Village of Mechanicsburg water supply. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Village of Mechanicsburg is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been setting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at **800-426-4791** or at http://www.epa.gov/safewater/lead.

Unregulated Contaminants monitoring helps the EPA to determine where certain contaminants occur and whether it needs to regulate those contaminants.

Unregulated Contaminants	Collection Date	Level Detected	Units
Bromodichloromethane	2022	4.1 – 6.4	ppb
Bromoform	2022	0.2 – 0.4	ppb
Dibromochloromethane	2022	2.1 – 2.8	ppb
Chloroform	2022	5.1 - 10.6	ppb

Alpha emitters: Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer. The Public Drinking Water Standards' MCL for Gross Alpha particle activity is 15 pCi/L.

Radium-228: Some people who drink water containing radium 226 or 228 in excess of the MCL over many years may have an increased risk of getting cancer. The Public Drinking Water Standards' MCL of Combined Radium 226/228 is 5 pCi/L.

We hope to continue promoting conservation of water so that we can prolong the life of our current well field and use our water resources as responsibly as we can. If you have any questions about your water bill, please contact the Village at 937-834-3187.

We have a current, unconditioned license to operate our water system. Village of Mechanicsburg PWSID# 1100712; Operation License# OH 1100712-1453436-2023, expires Jan. 30, 2024. Operator License WS1-1137714-20.

If you have questions about this report or concerning your water utility, please contact Cameron Brittenstine, Water/Wastewater Superintendent, at (937) 834-3187. You can participate in decisions regarding your water by attending a Council meeting. The Council meets on the 1st and 3rd Monday of each month at 6:30 p.m. at 18 North Main St. Your input is always welcome.

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O: Qualifications

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Andrea Giles

Field Professional

YEARS OF EXPERIENCE: 15

EDUCATION

Bachelor of Arts, Environmental Design, State University of New York at Buffalo, 2003

REGISTRATIONS

LICENSES AND CERTIFICATIONS

Certified Asbestos Inspector
Environmental Professional
OSHA 40 Hour HAZWOPER
Radon Certification (in progress)

AFFILIATIONS

Member of the UB Alumni Association
Member of the UB School of Architecture and Urban Planning Association

SUMMARY OF SKILLS AND QUALIFICATIONS

- O**ver 15 years of experience** - in the environmental design, geographical location analysis and assessment fields.
- Successfully completed hundreds of project assignments including property transaction due diligence site assessments, building condition engineering evaluations, and site analysis studies. Ms. Giles specializes in the assessment, evaluation, and remediation management of multifamily properties, hotel/resorts, public and private institutional facilities, commercial sites, and industrial operations. More than 1,000 environmental site assessments and 700 property condition assessments have been completed to date. Ms. Giles regularly completes Phase I ESA and PCA reports for HUD, Fannie Mae, Freddie Mac client deals.

SUMMARY OF COMPLETED PROJECTS

- Personally written over 1,700 ASTM compliant phase I and PCA reports within the last 10 years
- Personally, performed the site reconnaissance and total report preparation for projects in over 40 states
- Completed 70 plus multi-family PCA reports within the last year
- Completed 150 plus commercial/industrial AAI compliant Phase I's within the last year

RECENT PROJECTS

- Multi-family complex - Phoenix, AZ
- Multi-location Motel Portfolio - Phoenix, AZ, Tempe, AZ, Chandler, AZ, Casa Grande, AZ and Sun City, AZ
- Retail shopping plaza - Ahwatukee, AZ
- Office complex - Scottsdale, AZ
- Light industrial office complex - Sacramento, CA
- Industrial Warehouse/Distribution facility - Dallas, TX

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Michael Alger

Field Professional

YEARS OF EXPERIENCE: 10

EDUCATION

Associate in Science, Engineering Science, Mohawk Valley Community College, 1992

REGISTRATIONS

LICENSES AND CERTIFICATIONS

OSHA 40-Hour Hazardous Waste Worker

AFFILIATIONS

SUMMARY OF SKILLS AND QUALIFICATIONS

- **Over 10 years' experience –** in the telecommunications, environmental assessment, site analysis and property assessment fields.
- Successfully completed hundreds of project assignments including property transaction due diligence site assessments, building condition engineering evaluations, site analysis studies, and telecommunication management operations, oversight, and installation. Mr. Alger specializes in the assessment, evaluation, and research management of multifamily properties, hotel/resorts, public and private institutional facilities, commercial sites, and industrial operations.

SUMMARY OF COMPLETED PROJECTS

- Personally, written over 5**00** ASTM compliant phase I and PCA reports within the last **5** years
- Personally, performed the site reconnaissance and total report preparation for projects in over 25 states
- Completed **60** plus multi-family PCA reports within the last year
- Completed **40** commercial/industrial AAI compliant Phase I's within the last year

RECENT PROJECTS

- Multi-family complex - Glenmont, NY
- Industrial shipyard complex – Houma, LA
- Hospitality resort – Lake George, NY
- Office building - Phoenix, AZ
- Retail complex – Tucson, AZ
- Industrial office/warehouse facility - Hawthorne, NY
- Industrial flex office facility – Louisville, CO

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Steve G. Kovach

Senior Project Manager

YEARS OF EXPERIENCE: 20+

EDUCATION

Bachelor of Arts Degree, Botany
Minor in Conservation and the Environment
Miami University (OH), 2000

REGISTRATIONS

Registered Environmental Assessor

LICENSES AND CERTIFICATIONS

OSHA 40-Hour Hazardous Waste

SUMMARY OF SKILLS AND QUALIFICATIONS

- **Over 20 years experience -** performing Phase I, property condition assessments, and other environmental reconnaissance services.
- **Over 10 years experience -** as a direct department manager/project manager overseeing nationwide projects for two large consulting firms providing lender-equity, and foreclosure-related due diligence services.
- **3 years of direct experience -** performing Property Condition Assessment reports and providing reconnaissance-level seismic assessments for engineers (especially in San Francisco)

SUMMARY OF COMPLETED PROJECTS

- Personally written over **3,000** ASTM compliant phase I reports within the last **15** years; including industrial, commercial, and residential assets
- Personally performed the site reconnaissance and total report preparation for projects in the San Francisco Bay Area, Washington, Oregon, Nevada, Arizona, Utah, and Texas
- Completed many Fannie Mae, Freddie Mac, and HUD related due diligence projects over the 20 years, including sampling requirements

RECENT PROJECTS

- Provided oversight and direction of numerous New York City projects in Brooklyn, Queens, Manhattan, Bronx, etc. undergoing redevelopment under E-Designation status and associated document review, and analysis of efficacy of proposed remedial/engineering/institutional solutions
- Auto Dealer on Santa Monica Boulevard in Los Angeles, CA dealing with lender push-back on previous subsurface investigations performed; providing guidance regarding placement of sub-slab and indoor air quality sampling points
- Phase I ESA on a dry cleaning facility in San Francisco, CA recommending additional assessment; providing guidance for additional subsurface work and working with both lender and borrower to assess risks and solutions to confirmed contamination
- Phase I ESA on property in Ontario, CA with short-term gasoline station occupancy with little available public records; provided direct communication with local agencies and client to obtain documentation resolving concerns to the satisfaction of the lender and borrower

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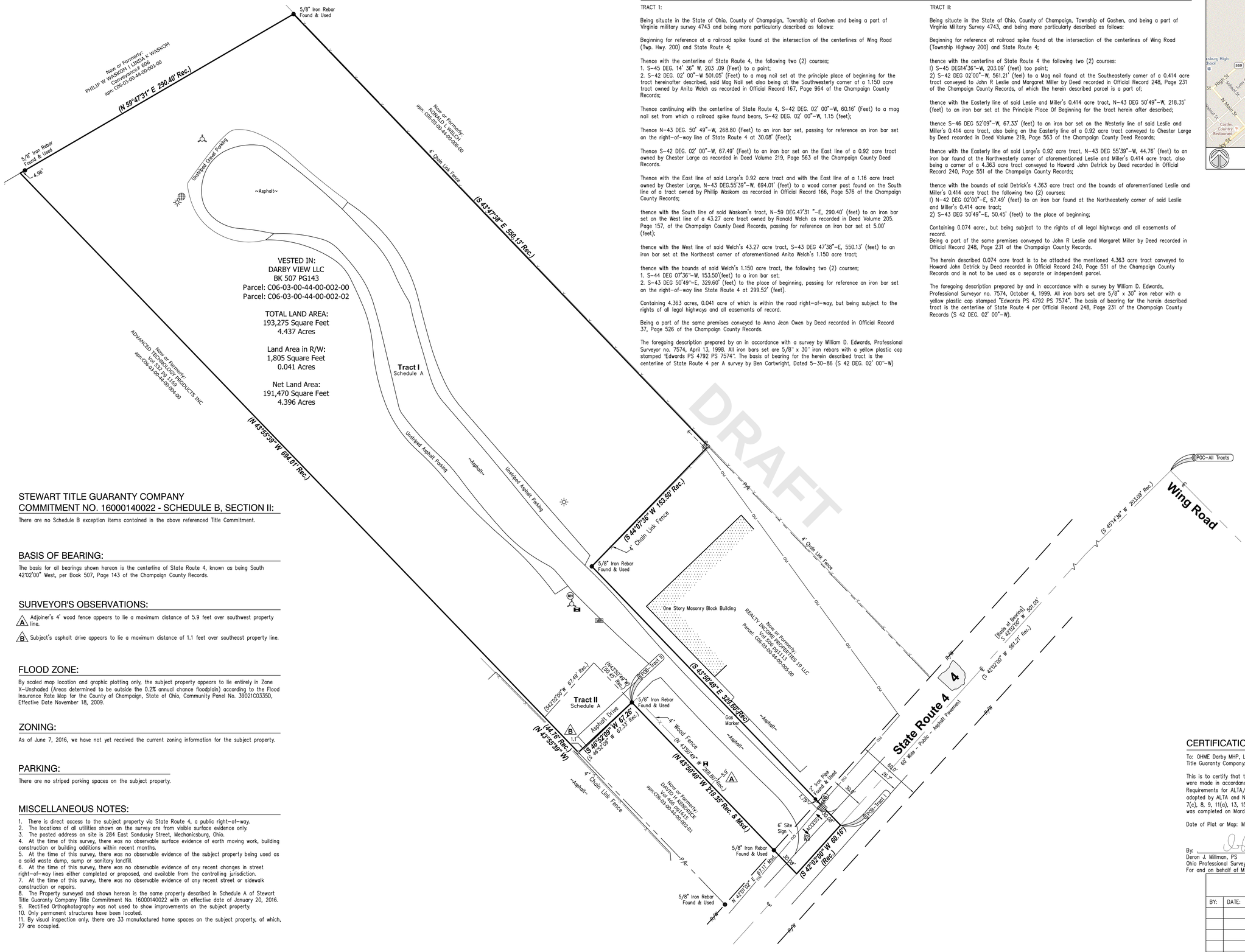


STEWART TITLE GUARANTY COMPANY
COMMITMENT NO. 16000140022 - SCHEDULE A, Exhibit "A":

TRACT I:

Being situate in the State of Ohio, County of Champaign, Township of Goshen and being a part of Virginia military survey 4743 and being more particularly described as follows:

Beginning for reference at a railroad spike found at the intersection of the centerlines of Wing Road (Twp. Hwy. 200) and State Route 4;

Thence with the centerline of State Route 4, the following two (2) courses;
1. S–45 DEG. 14' 36" W, 203 .09 (Feet) to a point;
2. S–42 DEG. 02' 00"–W 501.05' (Feet) to a mag nail set at the principle place of beginning for the tract hereinafter described, said Mag Nail set also being at the Southwesterly corner of a 1.150 acre tract owned by Anita Welch as recorded in Official Record 167, Page 964 of the Champaign County Records;

Thence continuing with the centerline of State Route 4, S–42 DEG. 02' 00"–W, 60.16' (Feet) to a mag nail set from which a railroad spike found bears, S–42 DEG. 02' 00"–W, 1.15 (feet);

Thence N–43 DEG. 50' 49"–W, 268.80 (Feet) to an iron bar set, passing for reference an iron bar set on the right–of–way line of State Route 4 at 30.08' (Feet);

Thence S–42 DEG. 02' 00"–W, 67.49' (Feet) to an iron bar set on the East line of a 0.92 acre tract owned by Chester Large as recorded in Deed Volume 219, Page 563 of the Champaign County Deed Records.

Thence with the East line of said Large's 0.92 acre tract and with the East line of a 1.16 acre tract owned by Chester Large, N–43 DEG.55'39"–W, 694.01' (feet) to a wood corner post found on the South line of a tract owned by Phillip Waskom as recorded in Official Record 166, Page 576 of the Champaign County Records;

thence with the South line of said Waskom's tract, N–59 DEG.47'31 "–E, 290.40' (feet) to an iron bar set on the West line of a 43.27 acre tract owned by Ronald Welch as recorded in Deed Volume 205. Page 157, of the Champaign County Deed Records, passing for reference an iron bar set at 5.00' (feet);

thence with the West line of said Welch's 43.27 acre tract, S–43 DEG 47'38"–E, 550.13' (feet) to an iron bar set at the Northeast corner of aforementioned Anita Welch's 1.150 acre tract;

thence with the bounds of said Welch's 1.150 acre tract, the following two (2) courses;
1. S–44 DEG 07'36"–W, 153.50'(feet) to a iron bar set;
2. S–43 DEG 50'49"–E, 329.60' (feet) to the place of beginning, passing for reference an iron bar set on the right–of–way line State Route 4 at 299.52' (feet).

Containing 4.363 acres, 0.041 acre of which is within the road right–of–way, but being subject to the rights of all legal highways and all easements of record.

Being a part of the same premises conveyed to Anna Jean Owen by Deed recorded in Official Record 37, Page 526 of the Champaign County Records.

The foregoing description prepared by an in accordance with a survey by William D. Edwards, Professional Surveyor no. 7574, April 13, 1998. All iron bars set are 5/8" x 30" iron rebars with a yellow plastic cap stamped "Edwards PS 4792 PS 7574". The basis of bearing for the herein described tract is the centerline of State Route 4 per A survey by Ben Cartwright, Dated 5–30–86 (S 42 DEG. 02' 00"–W)

TRACT II:

Being situate in the State of Ohio, County of Champaign, Township of Goshen, and being a part of Virginia Military Survey 4743, and being more particularly described as follows:

Beginning for reference at railroad spike found at the intersection of the centerlines of Wing Road (Township Highway 200) and State Route 4;

thence with the centerline of State Route 4 the following two (2) courses:
I) S–45 DEG14'36"–W, 203.09' (feet) too point;
2) S–42 DEG 02'00"–W, 561.21' (feet) to a Mag nail found at the Southeasterly corner of a 0.414 acre tract conveyed to John R Leslie and Margaret Miller by Deed recorded in Official Record 248, Page 231 of the Champaign County Records, of which the herein described parcel is a part of;

thence with the Easterly line of said Leslie and Miller's 0.414 acre tract, N–43 DEG 50'49"–W, 218.35' (feet) to an iron bar set at the Principle Place Of Beginning for the tract herein after described;

thence S–46 DEG 52'09"–W, 67.33' (feet) to an iron bar set on the Westerly line of said Leslie and Miller's 0.414 acre tract, also being on the Easterly line of a 0.92 acre tract conveyed to Chester Large by Deed recorded in Deed Volume 219, Page 563 of the Champaign County Deed Records;

thence with the Easterly line of said Large's 0.92 acre tract, N–43 DEG 55'39"–W, 44.76' (feet) to an iron bar found at the Northwesterly corner of aforementioned Leslie and Miller's 0.414 acre tract. also being a corner of a 4.363 acre tract conveyed to Howard John Detrick by Deed recorded in Official Record 240, Page 551 of the Champaign County Records;

thence with the bounds of said Detrick's 4.363 acre tract and the bounds of aforementioned Leslie and Miller's 0.414 acre tract the following two (2) courses:
I) N–42 DEG 02'00"–E, 67.49' (feet) to an iron bar found at the Northeasterly corner of said Leslie and Miller's 0.414 acre tract;
2) S–43 DEG 50'49"–E, 50.45' (feet) to the place of beginning;

Containing 0.074 acre:, but being subject to the rights of all legal highways and all easements of record.
Being a part of the same premises conveyed to John R Leslie and Margaret Miller by Deed recorded in Official Record 248, Page 231 of the Champaign County Records.

The herein described 0.074 acre tract is to be attached the mentioned 4.363 acre tract conveyed to Howard John Detrick by Deed recorded in Official Record 240, Page 551 of the Champaign County Records and is not to be used as a separate or independent parcel.

The foregoing description prepared by and in accordance with a survey by William D. Edwards, Professional Surveyor no. 7574, October 4, 1999. All iron bars set are 5/8" x 30" iron rebar with a yellow plastic cap stamped "Edwards PS 4792 PS 7574". The basis of bearing for the herein described tract is the centerline of State Route 4 per Official Record 248, Page 231 of the Champaign County Records (S 42 DEG. 02' 00"–W).

VICINITY MAP
NOT TO SCALE

SYMBOL LEGEND

R/W	– Right–of–Way
P/L	– Adjoiner Property Line
℄	– Centerline
P.O.B.	– Place/Point of Beginning
P.O.C.	– Place/Point of Commencement
A	– Surveyor's Observation
Msd.	– Measured
Rec.	– Record
(Record)	Actual
●	– Monumentation Found as Noted
○	– 5/8" Iron Pin w/Cap Set Stamped "MILLMAN 3303420723"
MH	– Manhole
	– Catch Basin
SN	– Sanitary Manhole
	– Fire Hydrant
W	– Water Valve
WM	– Water Meter
EM	– Electric Meter
	– Underground Utility Marker
MB	– Mail Box
	– Utility Pole
	– Light Pole
	– Guy Wire
X	– Fence (As Noted)
OU	– Overhead Utilities
	– Building Area

STEWART TITLE GUARANTY COMPANY
COMMITMENT NO. 16000140022 - SCHEDULE B, SECTION II:

There are no Schedule B exception items contained in the above referenced Title Commitment.

BASIS OF BEARING:

The basis for all bearings shown hereon is the centerline of State Route 4, known as being South 42°02'00" West, per Book 507, Page 143 of the Champaign County Records.

SURVEYOR'S OBSERVATIONS:

A Adjoiner's 4' wood fence appears to lie a maximum distance of 5.9 feet over southwest property line.

B Subject's asphalt drive appears to lie a maximum distance of 1.1 feet over southeast property line.

FLOOD ZONE:

By scaled map location and graphic plotting only, the subject property appears to lie entirely in Zone X–Unshaded (Areas determined to be outside the 0.2% annual chance floodplain) according to the Flood Insurance Rate Map for the County of Champaign, State of Ohio, Community Panel No. 39021C0335D, Effective Date November 18, 2009.

ZONING:

As of June 7, 2016, we have not yet received the current zoning information for the subject property.

PARKING:

There are no striped parking spaces on the subject property.

MISCELLANEOUS NOTES:

1. There is direct access to the subject property via State Route 4, a public right–of–way.
2. The locations of all utilities shown on the survey are from visible surface evidence only.
3. The posted address on site is 284 East Sandusky Street, Mechanicsburg, Ohio.
4. At the time of this survey, there was no observable surface evidence of earth moving work, building construction or building additions within recent months.
5. At the time of this survey, there was no observable evidence of the subject property being used as a solid waste dump, sump or sanitary landfill.
6. At the time of this survey, there was no observable evidence of any recent changes in street right–of–way lines either completed or proposed, and available from the controlling jurisdiction.
7. At the time of this survey, there was no observable evidence of any recent street or sidewalk construction or repairs.
8. The Property surveyed and shown hereon is the same property described in Schedule A of Stewart Title Guaranty Company Title Commitment No. 16000140022 with an effective date of January 20, 2016.
9. Rectified Orthophotography was not used to show improvements on the subject property.
10. Only permanent structures have been located.
11. By visual inspection only, there are 33 manufactured home spaces on the subject property, of which, 27 are occupied.

CERTIFICATION:

To: OHME Darby MHP, LLC and Stewart Title Guaranty Company, and Stewart Title Guaranty Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2011 Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 2, 3, 4, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, 11(a), 13, 15, 16, 17 and 18 of Table A thereof. The field work was completed on March 2, 2016.

Date of Plat or Map: March 3, 2016

By: _____
Deron J. Millman, PS
Ohio Professional Surveyor No. 7717
For and on behalf of Millman Surveying, Inc.

REVISION HISTORY

BY:	DATE:	COMMENT:

millman
National Land Services
Transforming the Industry
Surveying
Zoning
Environmental
Real Support - Title Review
Millman Surveying, Inc.
Corporate Headquarters
4111 Bradley Circle NW
Canton, OH 44718
Phone: 800-520-1010
Fax: 330-342-0834
www.millmanland.com
landsurveyors@millmanland.com

ALTA/ACSM LAND TITLE SURVEY PREPARED FOR:

RV HORIZONS, INC.
PO Box 457
Cedaredge, Colorado 81413

millman virtualsurveyor
for more information visit http://vimeo.com/25774136

Darby View Mobile Home Park
284 East Sandusky Street
City of Mechanicsburg
County of Champaign
State of Ohio

NORTH
GRAPHIC SCALE
0 40 80
1 INCH = 40 FT.

STATE OF OHIO
DERON J. MILLMAN 7717
REGISTERED PROFESSIONAL SURVEYOR

Surveyor's Seal

Sheet No. **1** of **1**

MSI Project No. 37839
PC: DJ
PM: TAR Drafter: TAR

DRAFT

APPENDIX E: Laboratory Reports (No Documents Are Associated With This Appendix)

DRAFT

APPENDIX F: Other Supporting Documentation

OHIO - EPA Map of Radon Zones

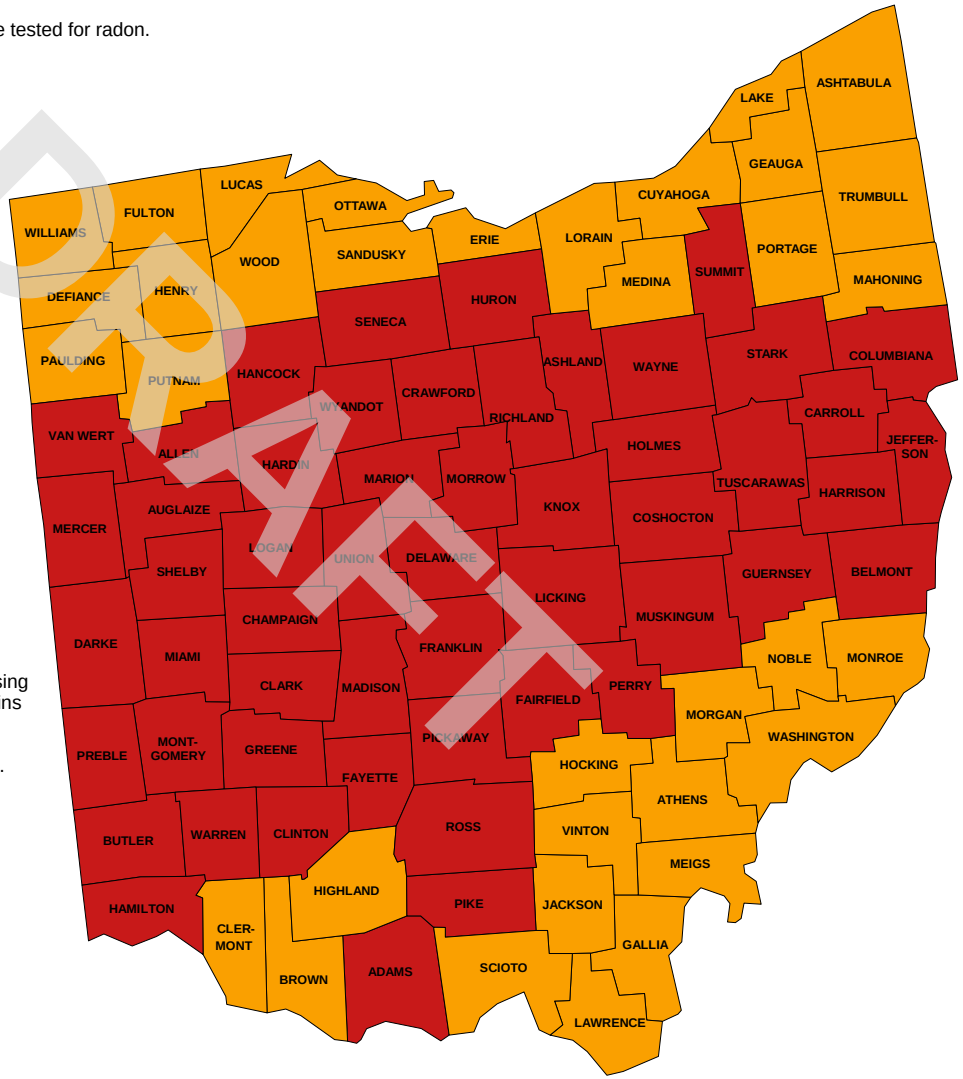
http://www.epa.gov/radon/zonemap.html

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

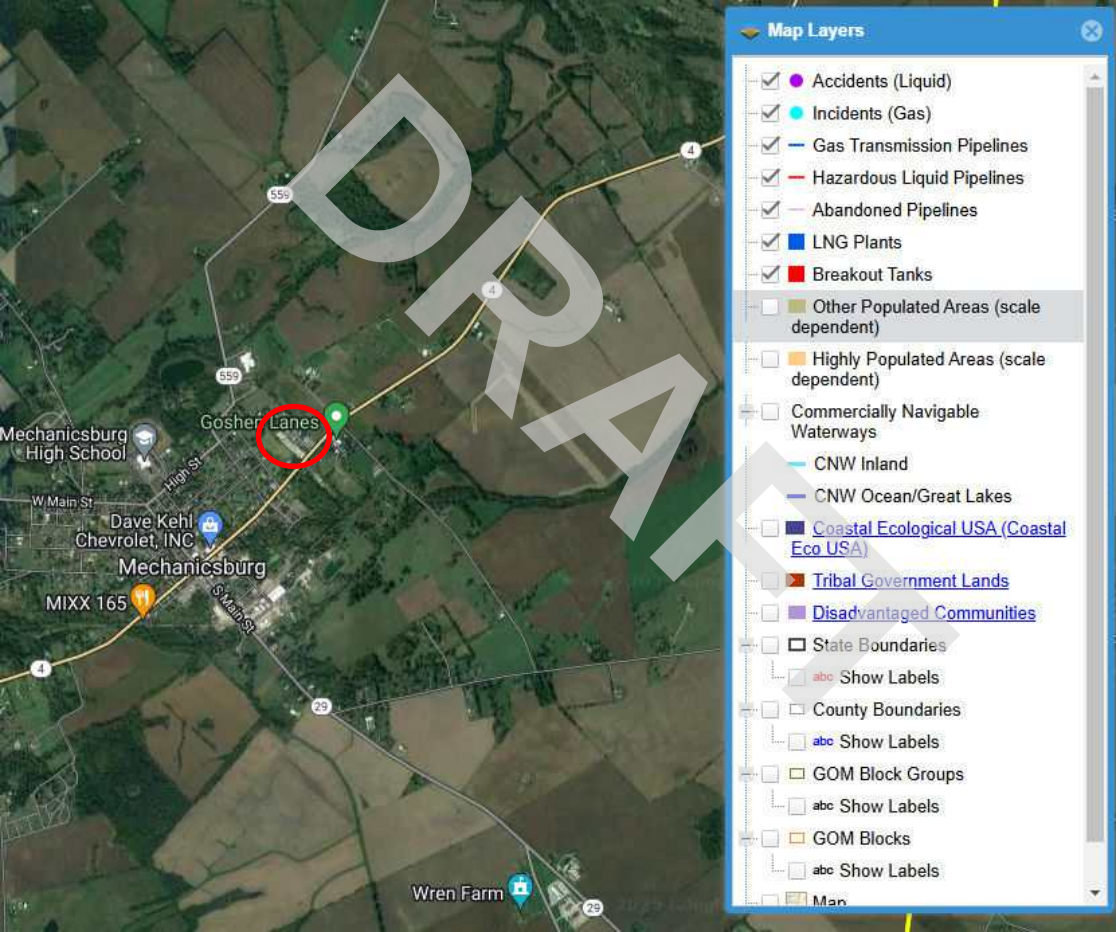
All homes should be tested, regardless of zone designation.

DRAFT



IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of Ohio" (USGS Open-file Report 93-292-E) before using this map. http://energy.cr.usgs.gov/radon/grpinfo.html This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.

Zone 1 Zone 2 Zone 3


Map Layers
Accidents (Liquid)
Incidents (Gas)
Gas Transmission Pipelines
Hazardous Liquid Pipelines
Abandoned Pipelines
LNG Plants
Breakout Tanks
Other Populated Areas (scale dependent)
Highly Populated Areas (scale dependent)
Commercially Navigable Waterways
CNW Inland
CNW Ocean/Great Lakes
Coastal Ecological USA (Coastal Eco USA)
Tribal Government Lands
Disadvantaged Communities
State Boundaries
Show Labels
County Boundaries
Show Labels
GOM Block Groups
Show Labels
GOM Blocks
Show Labels
Map
Goshen Lanes
Mechanicsburg High School
High St
W Main St
Dave Kehl Chevrolet, INC
Mechanicsburg
MIXX 165
S Main St
Wren Farm
559
4
29
DRAFT

Soil Map—Champaign County, Ohio

Map Scale: 1:2,440 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 35 70 140 210

Feet: 0 100 200 400 600

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: Champaign County, Ohio
Survey Area Data: Version 25, Aug 27, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 21, 2023—Aug 8, 2023

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.

DRAFT

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BsA	Brookston silty clay loam, fine texture, 0 to 2 percent slopes	1.7	8.0%
BsB	Brookston silty clay loam, 2 to 6 percent slopes	7.3	34.8%
CnB	Celina silt loam, 2 to 6 percent slopes	5.6	26.5%
CrB	Crosby silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes	2.7	12.7%
FnB	Fox silt loam, 2 to 6 percent slopes	0.5	2.5%
MIC2	Miami silt loam, 6 to 12 percent slopes, eroded	3.2	15.4%
Totals for Area of Interest		**21.0**	**100.0%**

DRAFT

Champaign County, Ohio

BsA—Brookston silty clay loam, fine texture, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2t98m
Elevation: 820 to 1,140 feet
Mean annual precipitation: 37 to 46 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 145 to 180 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Brookston and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Brookston

Setting

Landform: Ground moraines
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Loamy glaciofluvial deposits derived from sedimentary rock over loamy till derived from limestone and dolomite

Typical profile

Ap - 0 to 12 inches: silty clay loam
Btg - 12 to 39 inches: silty clay loam
2C - 39 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 35 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

DRAFT

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C/D
Ecological site: F111XA007IN - Till Depression Flatwood
Hydric soil rating: Yes

Minor Components

Celina

Percent of map unit: 5 percent
Landform: Till plains
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: F111XA009IN - Till Ridge
Hydric soil rating: No

Crosby

Percent of map unit: 5 percent
Landform: Till plains
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F111XA008IN - Wet Till Ridge
Hydric soil rating: No

Data Source Information

Soil Survey Area: Champaign County, Ohio
Survey Area Data: Version 25, Aug 27, 2024

DRAFT

Champaign County, Ohio

BsB—Brookston silty clay loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 5rcp
Elevation: 500 to 1,020 feet
Mean annual precipitation: 30 to 46 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 130 to 200 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Brookston and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Brookston

Setting

Landform: Ground moraines
Parent material: Loamy till

Typical profile

H1 - 0 to 12 inches: silty clay loam
H2 - 12 to 39 inches: silty clay loam
H3 - 39 to 60 inches: silt loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 35 percent
Available water supply, 0 to 60 inches: High (about 9.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C/D
Ecological site: F111XA007IN - Till Depression Flatwood
Forage suitability group: Unnamed (G111AYC-1OH)
Other vegetative classification: Unnamed (G111AYC-1OH)

DRAFT

Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Champaign County, Ohio
Survey Area Data: Version 25, Aug 27, 2024

DRAFT

Champaign County, Ohio

CnB—Celina silt loam, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2rwj9
Elevation: 820 to 1,180 feet
Mean annual precipitation: 37 to 46 inches
Mean annual air temperature: 48 to 55 degrees F
Frost-free period: 145 to 180 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Celina and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Celina

Setting

Landform: Till plains
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Loess derived from quartzite over loamy till derived from limestone and dolomite

Typical profile

Ap - 0 to 9 inches: silt loam
2Bt - 9 to 38 inches: clay loam
2Cd - 38 to 79 inches: loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: 24 to 40 inches to densic material
Drainage class: Moderately well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low (0.01 to 0.06 in/hr)
Depth to water table: About 12 to 30 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Moderate (about 6.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

DRAFT

Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C/D
Ecological site: F111XA009IN - Till Ridge
Hydric soil rating: No

Minor Components

Brookston
Percent of map unit: 5 percent
Landform: Depressions
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: F111XA007IN - Till Depression Flatwood
Hydric soil rating: Yes

Crosby
Percent of map unit: 5 percent
Landform: Till plains
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: F111XA008IN - Wet Till Ridge
Hydric soil rating: No

Kokomo
Percent of map unit: 5 percent
Landform: Depressions on till plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Ecological site: F111XA007IN - Till Depression Flatwood
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Champaign County, Ohio
Survey Area Data: Version 25, Aug 27, 2024

DRAFT

Champaign County, Ohio

CrB—Crosby silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes

Map Unit Setting

National map unit symbol: 2thy8
Elevation: 520 to 1,550 feet
Mean annual precipitation: 36 to 44 inches
Mean annual air temperature: 48 to 54 degrees F
Frost-free period: 145 to 180 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Crosby and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Crosby

Setting

Landform: Water-lain moraines, recessionial moraines, ground moraines
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Silty material or loess over loamy till

Typical profile

Ap - 0 to 8 inches: silt loam
BE - 8 to 11 inches: silt loam
Bt1 - 11 to 14 inches: silt loam
2Bt2 - 14 to 28 inches: silty clay loam
2BCt - 28 to 36 inches: loam
2Cd - 36 to 79 inches: loam

Properties and qualities

Slope: 2 to 6 percent
Depth to restrictive feature: 24 to 40 inches to densic material
Drainage class: Somewhat poorly drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.20 in/hr)
Depth to water table: About 6 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Low (about 5.7 inches)

DRAFT

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C/D
Ecological site: F111XA008IN - Wet Till Ridge
Hydric soil rating: No

Minor Components

Kokomo, drained

Percent of map unit: 5 percent
Landform: Water-lain moraines, swales, depressions
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Base slope, dip
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: F111XA007IN - Till Depression Flatwood
Hydric soil rating: Yes

Celina, eroded

Percent of map unit: 3 percent
Landform: Water-lain moraines, recessionial moraines, ground moraines
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Head slope, nose slope, side slope, crest, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Ecological site: F111XA009IN - Till Ridge
Hydric soil rating: No

Lewisburg

Percent of map unit: 1 percent
Landform: Ground moraines, water-lain moraines, recessionial moraines
Landform position (two-dimensional): Summit, backslope, footslope
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: F111XA009IN - Till Ridge
Hydric soil rating: No

Miamian, eroded

Percent of map unit: 1 percent
Landform: Water-lain moraines, recessionial moraines, ground moraines
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Head slope, nose slope, side slope, crest, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Ecological site: F111XA009IN - Till Ridge

DRAFT

Hydric soil rating: No

Data Source Information

Soil Survey Area: Champaign County, Ohio
Survey Area Data: Version 25, Aug 27, 2024

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Listed below is information on those contaminants that were found in The Village of Mechanicsburg drinking water.

Contaminants	Collection Year	Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Residual Disinfectants								
Total Chlorine	2023	0.68	0.4 to 1.07	MRDLG = 4	= 4	ppm	No	Water additive used to control microbes.
Inorganic Contaminants								
Barium	2023	0.0855	1-Sample N/A	2	2	ppm	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Cyanide	2023	1.0	1-Sample N/A	200	200	ppb	No	Discharge from steel/ metal factories; Discharge from plastic and fertilizer factories
Fluoride	2023	0.37	1-Sample N/A	4	4	ppm	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate	2023	0.23	1-Sample N/A	10	10	ppm	No	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits
Synthetic Organic Contaminants, including Pesticides and Herbicides								
Atrazine	2023	0.04	1-Sample N/A	3	3	ppb	No	Runoff from herbicide used on row crops
Simazine	2023	0.08	1-Sample N/A	4	4	Ppb	No	Herbicide runoff
Alachlor	2023	0.05	1-Sample N/A	0	2	ppb	No	Runoff from herbicide used on row crops
Disinfection Byproducts								
Total Trihalomethanes (TTHM)	2023	9.2	1-Sample N/A	N/A	80	ppb	No	By product of drinking water chlorination
Haloacetic Acids (HAA5)	2023	2.4	1-Sample N/A	N/A	60	ppb	No	By product of drinking water chlorination

Contaminants	Collection Year	Action Level (AL)	Individual Results over the AL	90% of test levels were less than	Violation	Typical Source of Contaminants
Lead and Copper						
Copper (ppm)	2023	1.3 ppm	None	0.1130 ppm	No	Corrosion of household plumbing systems
	Zero out of 10 samples were found to have levels in excess of the copper action level of 1.3 ppm.					
Lead (ppb)	2023	15 ppb	None	1.3 ppb	No	Corrosion of household plumbing systems
	Zero out of 10 samples were found to have levels in excess of the lead action level of 15 ppb.					

Maximum contaminant Level Goal (MCLG): The level of a contaminant in drinking water below, which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Parts per Million (ppm) or Milligrams per Liter (mg/L): Units of measure for a concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.
Parts per Billion (ppb) or Micrograms per Liter (ug/L): Units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.
Picocuries per liter (pCi/L): A common measure of radioactivity.
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system much follow.
Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.
Contact Time (CT): The mathematical product of a "residual disinfectant concentration" (C), which is determined before or at the first customer, and the corresponding "disinfectant contact time" (T).
Maximum Residual Disinfectant Level Goal (MRDLG): The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. The "<" symbol: A symbol which means less than. A result of <5 means that the lowest level that could be detected was 5 and the contaminant in that sample was not detected.

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Village of Mechanicsburg

Annual Drinking Water Quality Report 2023

CONSERVATION CORNER

Only 1% of the earth's water can be used for drinking

Turn off tap while brushing your teeth and shaving

Water your lawn in the cooler part of the day

Mechanicsburg Facts

- Serving 1,644 people
- Pumped 62.05 million gallons in 2023
- Pumped 170,000 gallons per day

EPA SAFE DRINKING WATER HOTLINE
1-800-426-4791
For any questions dealing with water quality

We are pleased to present to you this year's Annual Drinking Water Quality Report (Consumer Confidence Report) for Mechanicsburg Public Water System as required by the Safe Drinking Water Act (SDWA). This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of our water.

The Village of Mechanicsburg receives its drinking water from 3 active wells (well #1, well #4, well #5) off SR 29 that pump approximately 170,000 gallons of water per day to the Water Treatment Plant located at 420 West Main Street. The plant treats its water using aeration for iron oxidation followed by one detention basin, where chlorine is added. The water is then filtered through three, Greensand pressure filters and disinfected using sodium hypochlorite. Three high service pumps send the finished water to the distribution system. There is a diesel generator on site for auxiliary power.

Susceptibility Analysis

This assessment indicates that the Village of Mechanicsburg's source of drinking water has a moderate susceptibility to contamination due to:

- Presence of a relatively thick protective layer of clay overlying the aquifer,
- No evidence to suggest that ground water has been impacted by any significant levels of chemical contaminants from human activities,
- Presence of significant potential contaminant sources in the protection area.

This susceptibility means that under currently existing conditions, the likelihood of the aquifer becoming contaminated is moderate. This likelihood can be minimized by implementing appropriate protective measures. This susceptibility analysis is subject to revision if new potential contaminate sources are sited within the projection area, or if water sampling indicates contamination by a manmade contaminant source.

Copies of the source water assessment report prepared for The Village of Mechanicsburg are available at the village municipal building.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally- occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Federal Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The EPA requires regular sampling to ensure drinking water safety. The Village of Mechanicsburg conducted sampling for bacteria; inorganic; radiological; synthetic organic; volatile organic during 2023. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Village of Mechanicsburg is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been setting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at **800-426-4791** or at http://www.epa.gov/safewater/lead.

Unregulated Contaminants monitoring helps the EPA to determine where certain contaminants occur and whether it needs to regulate those contaminants.

Unregulated Contaminants	Collection Date	Level Detected	Units
Bromodichloromethane	2023	3.5	ppb
Bromoform	2023	0.3	ppb
Dibromochloromethane	2023	2.0	ppb
Chloroform	2023	3.7	ppb

Alpha emitters: Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer. The Public Drinking Water Standards' MCL for Gross Alpha particle activity is 15 pCi/L.

Radium-228: Some people who drink water containing radium 226 or 228 in excess of the MCL over many years may have an increased risk of getting cancer. The Public Drinking Water Standards' MCL of Combined Radium 226/228 is 5 pCi/L.

We hope to continue promoting conservation of water so that we can prolong the life of our current well field and use our water resources as responsibly as we can. If you have any questions about your water bill, please contact the Village at 937-834-3187.

We have a current, unconditioned license to operate our water system. Village of Mechanicsburg PWSID# 1100712; Operation License# OH 1100712-1596570-2024, expires Jan. 30, 2025. Operator License WS1-1137714-20.

If you have questions about this report or concerning your water utility, please contact Cameron Brittenstine, Water/Wastewater Superintendent, at (937) 834-3187. You can participate in decisions regarding your water by attending a Council meeting. The Council meets on the 1st and 3rd Monday of each month at 6:30 p.m. at 18 North Main St. Your input is always welcome.

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ODNR Water Wells

Statewide Parcels
Current Township
Counties
Well Logs

January 27, 2025

Scale: 1:9,028

0 0.05 0.1 0.2 mi
0 0.1 0.2 0.4 km

WATER WELL LOG & DRILLING REPORT

Ohio Department of Natural Resources
Division of Geological Survey
Phone: 614-265-6740

Well Log Number: 255744

Original Owner & Location

Original Owner Name: *FIRST CHURCH GOD*
County: *CHAMPAIGN* **Township:** *GOSHEN* **Section Number:**
Address: *SR 4*
City: **State:** *OH* **Zip Code:**
Location Number: *58* **Location Map Year:** *1962* **Location Area:**
Latitude: *40.077369* **Longitude:** *-83.549191*

Construction Details

Borehole Diameter 1: *in.* **Borehole Depth 1:** *42 ft.* **Depth to Bedrock:** *ft.*
Casing Diameter 1: *4.25 in.* **Casing Length 1:** *42 ft.* **Casing Thickness 1:** *in.*
Casing Height Above Ground: *ft.* **Aquifer Type:** *GRAVEL* **Well Use:**
Date of Completion: *07/23/1962* **Total Depth:** *42*
Drilling Company Name:

Well Test Details

Static Water Level: *20 ft.* **Test Rate:** *gpm*
Drawdown: *8 ft.* **Test Duration:** *hrs.*
Associated Documents:

Comments

Drilling Log

Formations:	From:	To:
CLAY	0	12
GRAVEL	12	15
CLAY	15	32
SAND	32	40
GRAVEL	40	42

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WATER WELL LOG & DRILLING REPORT

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Phone: 614-265-6740

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U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands

January 31, 2025

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.

National Flood Hazard Layer FIRMette

Basemap Imagery Source: USGS National Map 2023

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 *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

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 / 17.5 — Cross Sections with 1% Annual Chance / 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

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/31/2025 at 10:58 AM 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: basemap 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.

STATE OF OHIO
Ted Strickland, Governor

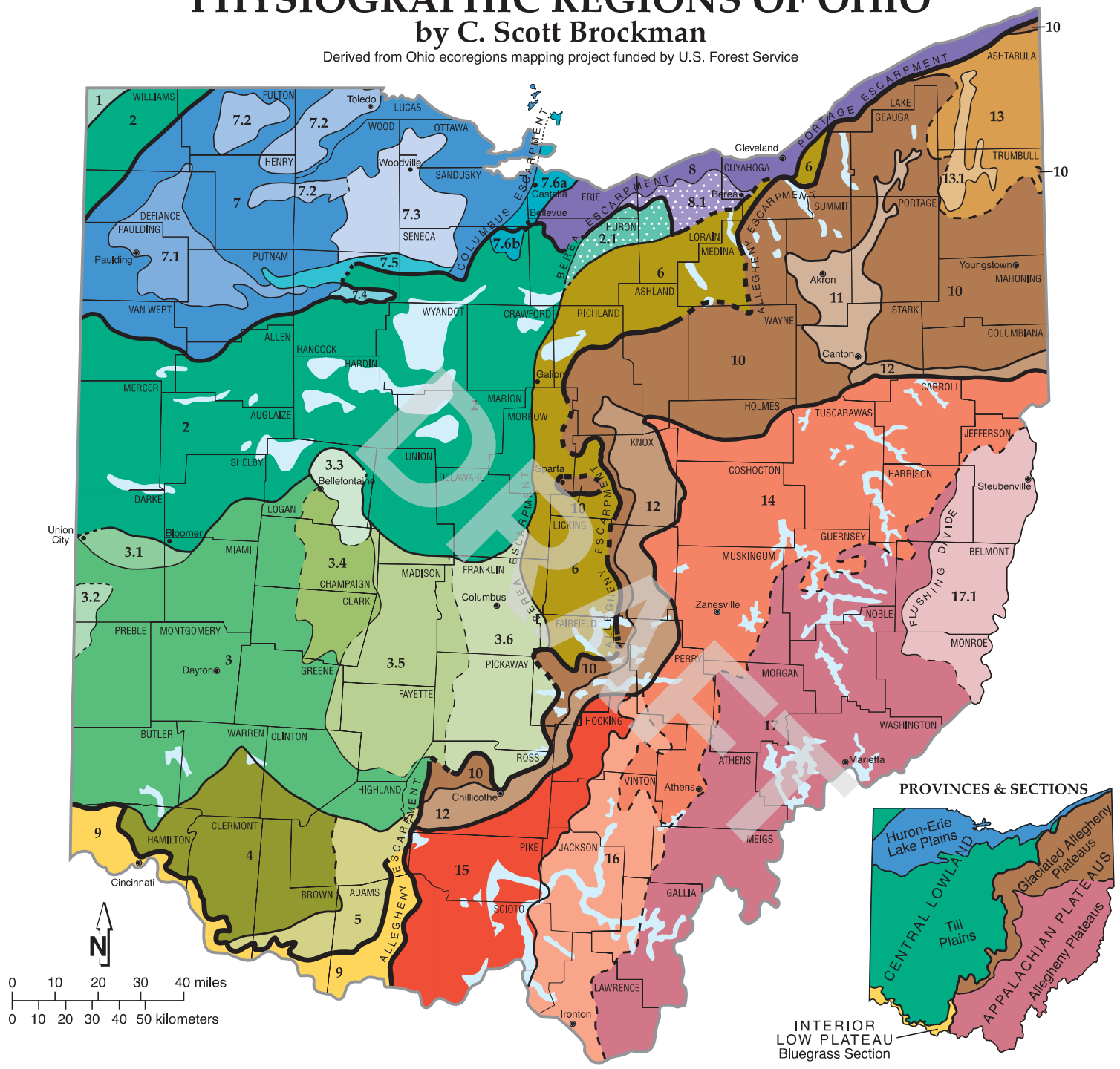
DEPARTMENT OF NATURAL RESOURCES
Sean D. Logan, Director

DIVISION OF GEOLOGICAL SURVEY
Lawrence H. Wickstrom, Chief

PHYSIOGRAPHIC REGIONS OF OHIO

by C. Scott Brockman

Derived from Ohio ecoregions mapping project funded by U.S. Forest Service



Till Plains

- 1. Steuben Till Plain
- 2. Central Ohio Clayey Till Plain
  - 2.1. Berea Headlands of the Till Plain
- 3. Southern Ohio Loamy Till Plain
  - 3.1. Union City-Bloomer Transitional Terrain
  - 3.2. Whitewater Interlobate Plain
  - 3.3. Bellefontaine Upland
  - 3.4. Mad River Interlobate Plain
  - 3.5. Darby Plain
  - 3.6. Columbus Lowland
- 4. Illinoian Till Plain
- 5. Dissected Illinoian Till Plain
- 6. Galion Glaciated Low Plateau

Transitional boundary

Lake basin/deposits outside Huron-Erie Lake Plains

Huron-Erie Lake Plains

- 7. Maumee Lake Plains
  - 7.1. Paulding Clay Basin
  - 7.2. Maumee Sand Plains
  - 7.3. Woodville Lake-Plain Reefs
  - 7.4. Findlay Embayment
  - 7.5. Fostoria Lake-Plain Shoals
  - 7.6a and 7.6b. Bellevue-Castalia Karst Plain
- 8. Erie Lake Plain
  - 8.1. Berea Headlands of the Erie Lake Plain

Bluegrass Section

- 9. Outer Bluegrass Region

Glaciated Allegheny Plateaus

- 10. Killbuck-Glaciated Pittsburgh Plateau
- 11. Akron-Canton Interlobate Plateau
- 12. Illinoian Glaciated Allegheny Plateau
- 13. Grand River Low Plateau
  - 13.1 Grand River Finger-Lake Plain

Allegheny Plateaus

- 14. Muskingum-Pittsburgh Plateau
- 15. Shawnee-Mississippian Plateau
- 16. Ironton Plateau
- 17. Marietta Plateau
  - 17.1. Little Switzerland Plateau

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PHYSIOGRAPHIC REGIONS OF OHIO

Major Divisions	Provinces	Sections *	DISTINGUISHING CHARACTERISTICS OF REGIONS & DISTRICTS	GEOLOGY	BOUNDARIES
INTERIOR PLAINS	CENTRAL LOWLAND	Till Plains	**1. Steuben Till Plain.** Hummocky terrain with rolling hills, interspersed flats and closed depressions; wetlands, few streams, deranged drainage; only a small part of the region is in Ohio; elevation 950'-1100', moderately low relief (60')	Wisconsinan-age (latest Ice-Age) loamy till from a northern source (Saginaw glacial lobe) over Mississippian-age Coldwater Shale	Southeast: edge of Wabash Moraine
			2. Central Ohio Clayey Till Plain. Surface of clayey till; well-defined moraines with intervening flat-lying ground moraine and intermorainal lake basins; no boulder belts; about a dozen silt-, clay- and till-filled lake basins range in area from a few to 200 square miles; few large streams; limited sand & gravel outwash; elevation 700'-1150', moderate relief (100')	Clayey, high-lime Wisconsinan-age till from a northeastern source (Erie glacial lobe) and lacustrine materials over Lower Paleozoic-age carbonate rocks and, in the east, shales; loess thin to absent	North: Lake Plain; northeast: limit of Berea Sandstone; east: Berea Escarpment; south: Powell and Union City/Bloomer Moraines; northern segment boundaries: Wabash Moraine and lake plain
			2.1. Berea Headlands of the Till Plain. Gently rolling to flat terrain of thin drift descending to Lake Erie; punctuated by more than 20 streamlined "whalebacks" of Berea Sandstone, 0.5 to 2.5 miles long, 30'-60' high; somewhat poorly drained; elevation 800'-1000', low relief (20')	Thin, clayey, medium-lime Wisconsinan-age till over resistant Mississippian-age Berea Sandstone	South: limit of Berea Sandstone; elsewhere: Berea Escarpment and/or margin of highest Pleistocene lake
			3. Southern Ohio Loamy Till Plain. Surface of loamy till; end and recessional moraines, commonly associated with boulder belts, between relatively flat-lying ground moraine, cut by steep-valleyed large streams; stream valleys filled with outwash and alternate between broad floodplains and narrows; buried valleys common; elevation 530'-1150', moderate relief (200')	Loamy, high-lime Wisconsinan-age till, outwash, and loess over Lower Paleozoic-age carbonate rocks and, in the east, shales	East: Berea and Allegheny Escarpments; north: Powell and Union City/Bloomer Moraines; south: limit of Wisconsinan-age till
			3.1. Union City-Bloomer Transitional Terrain. Well-defined moraines with low-relief, hummocky ground moraine like the Central Ohio Clayey Till Plain to the north; loamy till with loess cap like Southern Ohio Loamy Till Plain to the south; elevation 920'-1075', moderately low relief (30')	Loamy, high-lime Wisconsinan-age till with thin loess cap over Silurian-age dolomites	North: Bloomer Moraine and limit of loamy till; south: Union City Moraine
			3.2. Whitewater Interlobate Plain. An upland between two converging glacial lobes with hummocky moraines, moraine complexes, kames, boulder belts, and broad outwash trains/plains; contains highest elevations in Indiana (1257') and in adjacent Ohio counties (1240'); elevation in Ohio 980'-1240', moderate relief (150')	Loamy, high-lime Wisconsinan-age till and sand and gravel outwash over resistant Silurian-age carbonate rocks (north) and less resistant Ordovician-age shales and limestones (south)	North: limit of Knightstown/Farmersville Moraines and kame fields; east: high, dissected hills draining to Whitewater River
			3.3. Bellefontaine Upland. Moderately high relief (250') dissected topography with moraine complexes, boulder belts, high-gradient major streams, caves and sinkholes; few glacial depressions/kettles compared to surrounding areas; elevation 1100'-1549', includes highest elevation in Ohio (Campbell Hill, 1549')	Loamy, high-lime Wisconsinan-age till over generally deeply buried Silurian- to Devonian-age carbonate rocks and Ohio Shale	North: areas with hilltops above 1200'; elsewhere: hilltops above about 1300'
			3.4. Mad River Interlobate Plain. Area between two major converging glacial lobes with extensive outwash, outwash terraces, and bordering moraines; springs and cool, ground-water-fed surface waters; elevation 800'-1350', moderate relief (200')	Loamy, high-lime Wisconsinan-age till and sand and gravel outwash over Silurian- to Devonian-age carbonate rocks and Ohio Shale	East and north: rear edge of Cable Moraine Complex; south: outwash to Clifton Gorge; west: western edge of Mad River Outwash
			3.5. Darby Plain. Moderately low relief (25'), broadly hummocky ground moraine with several broad, indistinct recessional moraines; between hummocks are broad, poorly drained swales which held wet prairies/meadows in pioneer days; few large streams; elevation 750'-1100'	Loamy, high-lime Wisconsinan-age till and sparse outwash over Silurian- and Devonian-age carbonate rocks and Ohio Shale in the southeast	South and west: front of Reesville and rear of Cable Moraines; north: Powell Moraine; east: increasing eastward slope (see 3.6)
			3.6. Columbus Lowland. Lowland surrounded in all directions by relative uplands, having a broad regional slope toward the Scioto Valley; many larger streams; elevation 600'-850' (950' near Powell Moraine), moderately low relief (25')	Loamy, high-lime (west) to medium-lime (east) Wisconsinan-age till and extensive outwash in Scioto Valley over deep Devonian- to Mississippian-age carbonate rocks, shales, and siltstones	North: Powell Moraine; east and south: Berea and/or Allegheny Escarpments; west: flatter and higher Darby Plain
			4. Illinoian Till Plain. Rolling ground moraine of older till generally lacking ice-constructional features such as moraines, kames, and eskers; many buried valleys; modern valleys alternating between broad floodplains and bedrock gorges; elevation 600'-1100', moderately low relief (50')	Silt-loam, high-lime, Illinoian-age till with loess cap; soils leached several feet; underlain by Ordovician- and Silurian-age carbonate rocks and calcareous shales	North: Wisconsinan glacial margin (Cuba and Hartwell Moraines); elsewhere: limit of common till-covered hillslopes
			5. Dissected Illinoian Till Plain. Hilly former till plain in which glacial deposits have been eroded from many valley sides; relatively high stream density; elevation 600'-1340', moderate relief (200')	Hilltops of high-lime Illinoian-age till with loess cap; slopes of bedrock- and till-derived colluvium and Ordovician- and Silurian-age carbonate rocks and calcareous shales	East: maximum glacial margin; elsewhere: limit of general absence of till on hillslopes
			6. Galion Glaciated Low Plateau. Rolling upland transitional between the gently rolling Till Plain and the hilly Glaciated Allegheny Plateau; mantled with thin to thick drift; elevation 800'-1400', moderate relief (100')	Medium- to low-lime Wisconsinan-age till over Mississippian-age shales and sandstones	North: limit of Berea Sandstone; west: Berea Escarpment; south and east: Allegheny Escarpment
		Huron-Erie Lake Plains	**7. Maumee Lake Plains.** Flat-lying Ice-Age lake basin with beach ridges, bars, dunes, deltas, and clay flats; contained the former Black Swamp; slightly dissected by modern streams; elevation 570'-800', very low relief (5')	Pleistocene-age silt, clay, and wave-planed clayey till over Silurian- and Devonian-age carbonate rocks and shales	Northeast: Lake Erie; elsewhere: margin of highest Pleistocene lake
			7.1. Paulding Clay Basin. Nearly flat lacustrine plain; most clayey of all Lake Plain subregions; low-gradient, highly meandering streams; easily ponded soils; elevation 700'-725', extremely low relief (less than 5')	Pleistocene-age lacustrine clay over clay till and Silurian-age dolomites	Northeast: subdued ("drowned") remnant of Defiance Moraine; elsewhere: limit of lacustrine clay
			7.2. Maumee Sand Plains. Lacustrine plain mantled by sand; includes low dunes, inter-dunal pans, beach ridges, and sand sheets of glacial lakeshores; well to poorly drained; elevation 600'-800', very low relief (10')	Late Wisconsinan-age sand over clay till and lacustrine deposits; Silurian- and Devonian-age carbonate rocks and shales buried deeply.	Limit of sandy deposits and/or low dunes
			7.3. Woodville Lake-Plain Reefs. Very low relief (10') lacustrine plain with low dunes and lake-margin features, punctuated by more than 75 ancient bedrock reefs rising 10' to 40' above the level of the plain and ranging in area from 0.1 to 3.0 square miles; the oblong reefs are thinly draped with drift; elevation 600'-775'	Thin to absent Wisconsinan-age wave-planed clay till, lacustrine deposits, and sand over Silurian-age reefal Lockport Dolomite	Limit of thinly mantled Lockport Dolomite (Bowling Green Fault to the west and the Defiance Moraine to the south)
			7.4. Findlay Embayment. Very low relief (10'), broadly rolling lacustrine plain; embayment of ancestral Lake Erie in which relatively coarse lacustrine sediments collected; elevation 775'-800'	Silty to gravelly Wisconsinan-age lacustrine deposits and wave-planed clayey till over Silurian-age Lockport Dolomite	West: 775' beach ridge; north: Defiance Moraine; south: margin of highest Pleistocene lake level
			7.5. Fostoria Lake-Plain Shoals. Portion of the Defiance Moraine lightly eroded by shallow Lake Maumee with low north-south trending hillocks and shallow, closed depressions; many sandy areas; elevation 750'-825', low relief, decreasing westward (10'-15')	Silty to gravelly Wisconsinan-age lacustrine deposits and wave-planed clay till over deeply covered Silurian-age dolomite	South and east: unmodified Defiance Moraine; elsewhere: very low-relief lake plain
	INT. LOW PLATEAUS	Bluegrass Section	**7.6a and 7.6b. Bellevue-Castalia Karst Plain.** Hummocky plain of rock knobs and numerous sinkholes, large solution features, and caves; large springs; thinly mantled by drift; region straddles both Lake Plain (7.6a) and Till Plain (7.6b); 7.6a has greatest relief of any Lake Plain region (25'); elevation 570'-825'	Columbus and Delaware Limestones overlain by thin clay till in 7.6b, and thin silty and sandy Wisconsinan-age lacustrine deposits and wave-planed clay till in 7.6a	Limit of thinly mantled Columbus and Delaware Limestones, which is marked in the west by the Columbus Escarpment
			8. Erie Lake Plain. Edge of very low-relief (10') Ice-Age lake basin separated from modern Lake Erie by shoreline cliffs; major streams in deep gorges; elevation 570'-800'	Pleistocene-age lacustrine sand, silt, clay, and wave-planed till over Devonian- and Mississippian-age shales and sandstones	North: Lake Erie; south: margin of highest Pleistocene lake
			8.1 Berea Headlands of the Erie Lake Plain. Portion of the Erie Lake Plain underlain by resistant Berea Sandstone; several large sandstone headlands jut into the Ice-Age lake basin; contains several streamlined "whalebacks" of Berea Sandstone, 0.5 to 2.0 miles long, 20'-35' high; poorly drained; elevation 670'-800', very low relief (10')	Thin lacustrine deposits over thin, wave-planed, clayey, medium-lime Wisconsinan-age till; underlain by resistant Berea Sandstone	North: portion of Lake Plain underlain by soft shales; south: margin of highest Pleistocene lake
			9. Outer Bluegrass Region. Moderately high relief (300') dissected plateau of carbonate rocks; in east, caves and other karst features relatively common; in west, thin, early drift caps narrow ridges; elevation 455'-1120'	Ordovician- and Silurian-age dolomites, limestones, and calcareous shales; thin pre-Wisconsinan drift on ridges in west; silt-loam colluvium	Eastern segment: maximum glacial margin and high eastern ridges capped by noncarbonate rocks; connected by Ohio River bluffs to western segment which is bounded by nondissected till plain
APPALACHIAN HIGHLANDS	APPALACHIAN PLATEAUS	Glaciated Allegheny (Southern New York) Plateaus	**10. Killbuck-Glaciated Pittsburgh Plateau.** Ridges and flat uplands generally above 1200', covered with thin drift and dissected by steep valleys; valley segments alternate between broad drift-filled and narrow rock-walled reaches; elevation 600'-1505', moderate relief (200')	Thin to thick Wisconsinan-age clay to loam till over Mississippian- and Pennsylvanian-age shales, sandstones, conglomerates and coals	West and north: resistant sandstones of the Allegheny and Portage Escarpments; south and east: Wisconsinan glacial margin
			11. Akron-Canton Interlobate Plateau. Hummocky area between two converging glacial lobes dominated by kames, kame terraces, eskers, kettles, kettle lakes, and bogs/fens; deranged drainage with many natural lakes; elevation 900'-1200', moderate relief (200')	Sandy Wisconsinan-age and older drift over Devonian- to Pennsylvanian-age sandstones, conglomerates and shales	Limit of common, sandy ice-contact features and deposits
			12. Illinoian Glaciated Allegheny Plateau. Dissected, rugged hills; loess and older drift on ridgetops, but absent on bedrock slopes; dissection similar to unglaciated regions of the Allegheny Plateau; elevation 600'-1400', moderate relief (200')	Colluvium and Illinoian-age till over Devonian- to Pennsylvanian-age shales, siltstones and sandstones	North and west: Wisconsinan glacial margin; south and east: Illinoian (maximum) glacial margin
			13. Grand River Low Plateau. Gently rolling ground and end moraine having thin to thick drift; poorly drained areas and wetlands relatively common; elevation 760'-1200', low relief (20') except near Grand River Valley (200')	Clayey, low-lime Wisconsinan-age till over deeply buried, soft Devonian-age shales and near-surface Mississippian-age sandstones and shales	North: Portage Escarpment; south and west: Defiance Moraine; southeast: increasing relief from proximity of buried Pennsylvanian-age sandstones
			13.1. Grand River Finger-Lake Plain. Very low relief (10') lake deposits in steep-sided troughs (200' relief) within the Grand River Low Plateau; cut by glacial and stream erosion; extensive wetlands; elevation 800'-900'	Surficial lacustrine clay and drift over deeply buried, soft Devonian-age shales	Margins of steeply sloping troughs containing the Grand River and parts of Rock and Mosquito Creeks
		Allegheny (Kanawha) Plateaus	**14. Muskingum-Pittsburgh Plateau.** Moderately high to high relief (300'-600') dissected plateau having broad major valleys that contain outwash terraces, and tributaries with lacustrine terraces; medium-grained bedrock sequences coarser than those in Marietta Plateau (17) but finer than those in Ironton Plateau (16); remnants of ancient Teays-age drainage system uncommon; elevation 650'-1400'	Mississippian and Pennsylvanian-age siltstones, shales, sandstones and economically important coals and claystones; Wisconsinan-age sand, gravel, and lacustrine silt; silt-loam colluvium	North and west: maximum glacial margin; southeast: transition to finer grained bedrock; southwest: transition to coarser grained bedrock
			15. Shawnee-Mississippian Plateau. High relief (400'-800'), highly dissected plateau of coarse and fine grained rock sequences; most rugged area in Ohio; remnants of ancient lacustrine clay-filled Teays drainage system are extensive in lowlands, absent in uplands; elevation 490'-1340'	Devonian- and Mississippian-age shales, siltstones, and locally thick sandstones; Pleistocene-age sandy outwash in Scioto River; Teays-age Minford Clay; silt-loam and channery colluvium	North: Maximum glacial margin; west:: carbonate bedrock; east: limit of Mississippian-age bedrock
			16. Ironton Plateau. Moderately high relief (300') dissected plateau; coarser grained coal-bearing rock sequences more common than in other regions of the Allegheny Plateau; common lacustrine clay-filled Teays Valley remnants; elevation 515'-1060'	Pennsylvanian-age (Pottsville, Allegheny and Conemaugh Groups) cycles of sandstones, siltstones, shales and economically important coals; Pleistocene (Teays)-age Minford Clay; silt-loam and channery colluvium	West: limit of common Pennsylvanian-age bedrock; north and east: gradation to finer rock sequences
			17. Marietta Plateau. Dissected, high-relief (generally 350', to 600' near Ohio River) plateau; mostly fine-grained rocks; red shales and red soils relatively common; landslides common; remnants of ancient lacustrine clay-filled Teays drainage system common; elevation 515'-1400'	Pennsylvanian-age Upper Conemaugh Group through Permian-age Dunkard Group cyclic sequences of red and gray shales, and siltstones, sandstones, limestones and coals; Pleistocene (Teays)-age Minford Clay; red and brown silty-clay loam colluvium; landslide deposits	North and west: transition to medium-grained Lower Conemaugh rocks; east: Flushing Divide
			17.1. Little Switzerland Plateau. Highly dissected, high-relief (generally 450', to 750' along Ohio River) plateau; mostly fine-grained rocks; red shales and red soils relatively common; landslides common; high-gradient shale-bottomed streams subject to flash flooding; no remnants of ancient Teays drainage system; elevation 540'-1400'	Similar to Marietta Plateau but lacking Pleistocene (Teays)-age Minford Clay	North: transition to medium-grained rocks; west and south: Flushing Divide; east: Ohio River

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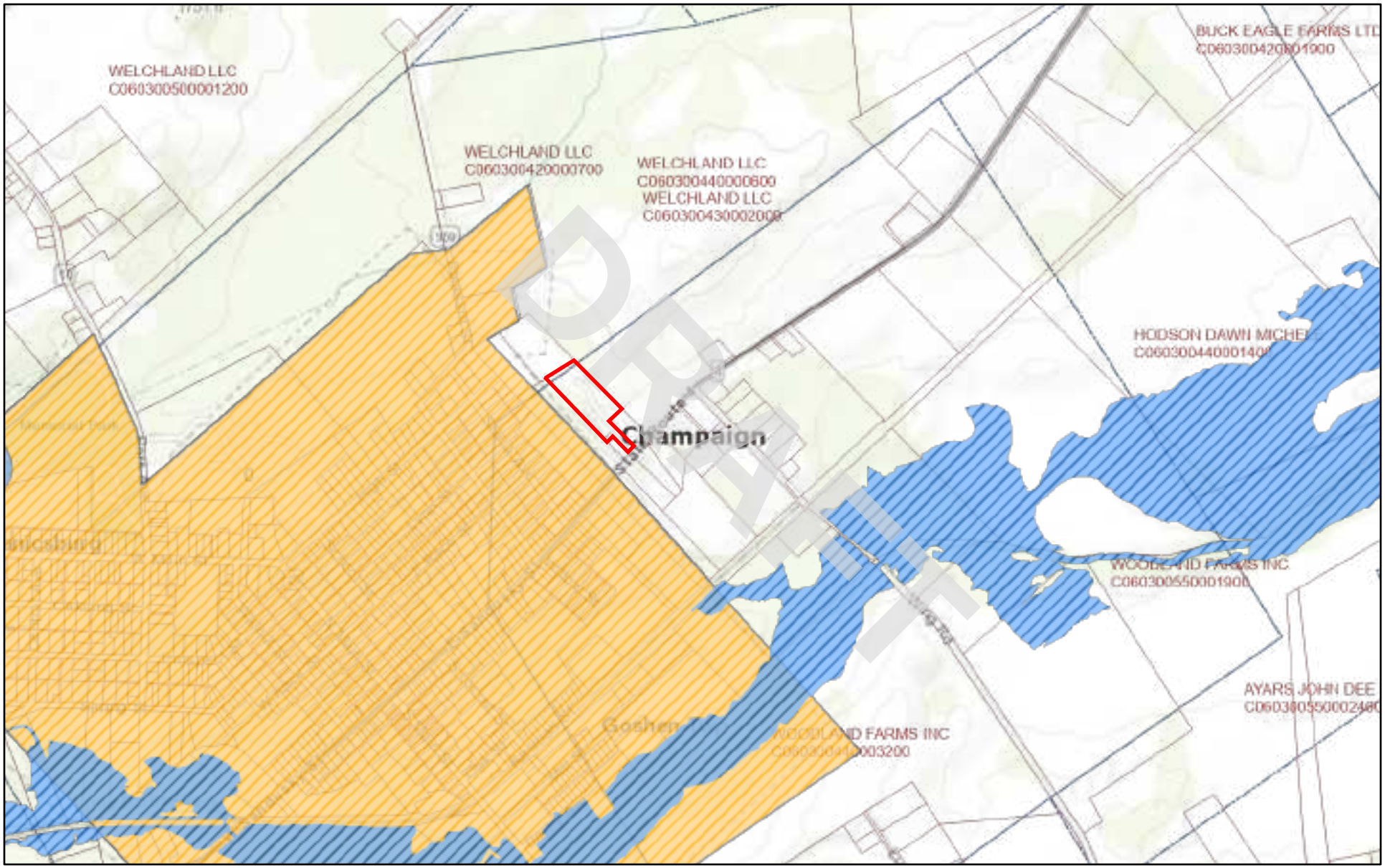
* Section names modified from Fenneman (1938, 1946).

Ohio Oil & Gas Wells



January 27, 2025

Statewide Parcels

Land Subdivision

Current Township

Counties

1:18,056

0 0.1 0.2 0.4 mi

0 0.17 0.35 0.7 km

Division of Drinking and Ground Waters, Ohio EPA, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

ODNR - Division of Oil and Gas Resources Management

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APPENDIX G: Qualifications of Environmental Professionals

KRISTEN RINI, EP
NOVA ASSOCIATE

PROFESSIONAL EDUCATION
Bachelor of Science, Environmental and Resource Science, University of California - Davis, Davis, California – 2010

CERTIFICATIONS/QUALIFICATIONS
- Environmental Professional (EP) in Accordance with ASTM E1527-13
- Environmental Site Assessment (ESA) Experience, 11+ years
- Multifamily ESA Experience, 4+ years

SELECTED EXPERIENCE
Ms. Rini has over eleven years of consulting experience in the environmental industry throughout the United States. She has conducted Environmental Site Assessments (ESAs) for a wide range of local and national clients, including government agencies, banks, agency lenders, investment banks, life companies, law firms and property owners. The properties she has evaluated have included multifamily residential, retail, office, industrial and hospitality.

Ms. Rini has provided hundreds of environmental site assessments in accordance with ASTM E1527, the USEPA All Appropriate Inquiry rules, Fannie Mae Delegated Underwriting Standards, and other client specific scopes of work. Her environmental background includes a detailed understanding of the risks associated with hazardous and regulated materials storage, use generation and disposal, above ground and underground storage tanks, polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold and radon. Ms. Rini has managed numerous subsurface investigations to assess the horizontal and vertical extent of soil and groundwater contamination and has provided oversight services to environmental remediation projects.

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MARC A. WEYD, PG
CLIENT MANAGER

PROFESSIONAL EDUCATION
Bachelor of Arts Degree, Geology/Earth Science, Kean College, Union, NJ, 1987
Post Bachelor Courses, Environmental Management, Montclair State University, Montclair, NJ, 1993-1994

CERTIFICATIONS/QUALIFICATIONS
- Licensed Professional Geologist (PG) in State of Pennsylvania since 1995, License No. PG003023G
- OSHA 40-Hour Hazardous Waste Operations Certification (29CFR 1910.120)
- 120-Hour Level 2 – Emergency Response Technician
- HUD MAP Certification, 2010

SELECTED EXPERIENCE
Mr. Weyd has over 32 years of experience in the geotechnical, due diligence, and environmental industries. He has conducted phase I environmental site assessments (ESAs), phase II subsurface investigations, phase III remedial system design and implementation, and geotechnical evaluations, for a wide range of local and national clients, including conduit/commercial mortgage-backed securities (CMBS) lenders, government agencies (including HUD and FDIC), agency lenders (including Fannie Mae and Freddie Mac), local banks and investment banks, insurance companies, law firms, and private-equity property owners. The properties he has evaluated have included multifamily residential, retail, office, industrial, hospitality, and municipal sites. He has a detailed understanding of the risks associated with hazardous and regulated materials generation, use, storage, and disposal; contaminant vapor migration; above ground and underground storage tanks; septic system operation; asbestos-containing materials (ACM); lead-based paint (LBP); moisture intrusions/mold; and radon propensity. He prepares and reviews technical reports and discusses risks associated with commercial loan applications.

Mr. Weyd has conducted and/or managed over 10,000 ESAs for industrial, commercial, and multifamily residential properties throughout the United States. This has included over 800 assessments of self-storage facilities for portfolio acquisitions. In addition, he has conducted technical/third-party desktop reviews of phase I ESAs, phase II subsurface investigations, phase III remedial investigations including pilot testing and remediation system design, and geotechnical reports, prepared for commercial loan applications for national banks and tax-credit lenders.

As a Client Manager, Mr. Weyd's responsibilities include the management of projects for commercial, industrial, and multifamily facilities involving phase I ESAs (in accordance with ASTM 1527-13 and the USEPA All Appropriate Inquiry [AAI] rules) and property condition assessments (PCAs), from proposal preparation, to managing projects, technical review, and discussing conclusions and recommendations with clients. He is experienced in managing multiple-site portfolio projects that require quick-response and verbal updates, technical support for environmental issues, and discussion of both environmental and property condition findings. In addition to ASTM and AAI guidelines, he is versed in agency and lender-specific scopes of work. He is also involved in client relations and personnel management.

Mr. Weyd has been involved with radon mitigation systems and vapor mitigation systems, including sub-slab depressurization system (SSDS) testing and design for residential properties, and commercial properties, such as dry-cleaner facilities and gasoline stations. He has been directly involved in the design and installation of at least 15 SSDSs at various properties.

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KEVIN PEXA
ACCOUNT MANAGER

PROFESSIONAL EDUCATION
Bachelor of Science, Environmental Science, University of Minnesota, Duluth, Minnesota, June 2012
Bachelor of Arts, Environmental Studies, University of Minnesota, Duluth, Minnesota, June 2012

CERTIFICATIONS/QUALIFICATIONS
- AHERA Asbestos Certification
- Environmental Professional (EP) in Accordance with ASTM E1527-21
- Environmental Site Assessment (ESA) Experience, 10+ years
- Multifamily ESA Experience, 5+ years
- Property Condition Assessment (PCA) Experience, 10+ years
- Multifamily PCA Experience, 5+ years

SELECTED EXPERIENCE
Mr. Pexa has over ten years of consulting experience in the environmental and property condition industry throughout the United States. He has conducted Phase I Environmental Site Assessments (ESAs), Phase II Subsurface Investigations, Lead in Water Sampling, Lead Base Paint Analysis, Asbestos Bulk Sampling, Property Condition Assessments (PCAs), and Construction Loan Monitoring (CLM) for a wide range of local and national clients, including government agencies, banks, agency lenders (including Fannie Mae and Freddie Mac), local banks and investment banks, life companies, law firms, property owners, developers, REITs, and equity/acquisition groups. The properties he has evaluated have included multifamily residential, retail, office, industrial, hospitality, mobile home communities, and vacant land. He has a strong understanding of the end use of the product being provided to ensure the frame of the conclusions meet the needs of the client type. All assessments include challenges which are overcome with ease with proper guidance.

Mr. Pexa has provided thousands of ESAs and PCAs in accordance with ASTM E1527 and ASTM 2018-5, the USEPA All Appropriate Inquiry rules, Fannie Mae Delegated Underwriting Standards (DUS), Freddie Mac guidelines, HUD guidelines, Low Income Housing Tax Credit, USDA, and other client-specific scopes of work. His environmental background includes a detailed understanding of the risks associated with hazardous and regulated materials storage, use generation and disposal, above ground and underground storage tanks, polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold, and radon. Furthermore, Mr. Pexa is experienced in assessing site improvements, building structures and envelopes, and mechanical, electrical, and plumbing systems for evidence of deferred maintenance or problematic or deleterious materials, public spaces for ADA compliance, guest rooms for UFAS/504 compliance, and common areas for FHAA compliance. Mr. Pexa extends his knowledge of these scopes to provide a strong understanding of all aspects of real estate transactions at all levels for clients in any situation.

Mr. Pexa has been involved with the successful completion of a Phase I ESA on a multifamily property near the Lowry Airforce base which required extensive research and a summary of environmental engineering documents available with the US Air Force Civil Engineer Center. The strong research, discussion with the client, as well as legal counsel with Fannie Mae, provided a strong conclusion to allow the acquisition of the property through continued engineering and institutional controls along with insurance carve-out.

Mr. Pexa has managed client relationships, completed field assessments, and provided technical reviews of low-income housing throughout the United States, including the successful property condition and Phase I assessment of the Park La Brea, Los Angeles, California – a 150-acre multifamily property including over 175 garden apartments, 18, 13-story towers, and over 2,000 dwelling units. The organizational abilities from all levels of due diligence (field, technical review, client needs) provided a high-level description of the physical needs of the subject property, meeting all requirements of Freddie Mac guidelines to allow owners and investors the opportunity to understand the needs that will be required at future refinance.

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Neutral
Report
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