

January 26, 2022

Phase I Environmental Site Assessment

84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Prepared for:

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DRAFT

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January 26, 2022



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PHASE I ENVIRONMENTAL SITE ASSESSMENT

**84.62-Acre Site
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Mount Vernon, Knox County, Ohio 43050**

1.0 SUMMARY

Kimley-Horn and Associates, Inc. (Kimley-Horn) was retained by Rockford Homes (the "Client" to conduct a Phase I Environmental Site Assessment (ESA) on an approximately 84.62-acre tract of land located at approximately 17795 Coshocton Road, Mount Vernon, Knox County, Ohio 43050 (herein referred to as the "subject property"). The subject property is bound to the north by undeveloped wooded land, to the east by single-family residences and undeveloped wooded land, to the south by undeveloped wooded land and a County education facility, and to the west by undeveloped wooded land, single-family residences, and a condominium complex.

The subject property is comprised of one (1) parcel, identified by the Knox County Auditor's Office as Parcel Number 71-00050.000, encompassing approximately 84.62 acres in total. An overall vicinity map is provided as **Figure 1**, while a topographic vicinity map is provided as **Figure 2**. A current aerial/satellite image depicting the subject property and pertinent site features is provided as **Figure 3**. Photographs are included as **Appendix A**.

This ESA was conducted in general accordance with the accepted principles and methods designed to comply with the procedures outlined in the American Society for Testing and Materials (ASTM) E 1527-13, *Standard Practice for Environmental Site Assessments*. The purpose of this Phase I ESA was to identify Recognized Environmental Conditions (RECs) as defined in ASTM E 1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." The findings contained in this document are based on observations made by Kimley-Horn's professional staff and information obtained from readily available Federal, State, and City's regulatory agencies at the time of the assessment.

1.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

Kimley-Horn has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the subject property. Any exceptions to, or deletions from, this practice are described in **Sections 2.4 and 9.0** of this report. This Phase I ESA revealed evidence of the following RECs in association with the subject property:

RECs originating within the subject property:

- No RECs originating within the subject property were identified.

RECs originating from adjoining/surrounding properties:

- No RECs originating from adjoining/surrounding properties were identified.

2.0 INTRODUCTION

The following is a summary of the purpose, scope of services, and limitations associated with this environmental site assessment.

2.1 PURPOSE

The primary purpose of this assessment was to identify RECs associated with the past or present uses of the subject property and surrounding properties. The findings contained in this document are based on observations made by Kimley-Horn's professional staff and information obtained from readily available federal, state, and city regulatory agencies available at the time of the investigation. This assessment was conducted using currently accepted principles and methods designed to comply with those procedures outlined in the ASTM E 1527-13, Standard Practice for Environmental Site Assessments.

2.2 DETAILED SCOPE OF SERVICES

This assessment represents a reasonable attempt to identify RECs in association with the subject property. The methodology for completing the Phase I ESA consisted of the following activities:

- A site reconnaissance by an environmental scientist to visually examine and photograph the subject property and adjacent properties from public right-of-way to document existing site conditions.
- Interviews with the present and past property owners, operators, and occupants of the properties as well as state and/or local government officials to obtain information indicating RECs in connection with the subject property, if reasonably ascertainable.
- A vapor encroachment screening per the ASTM Standard E-2600-15.
- A review of available historic aerial photographs, topographic maps, city directories and Sanborn maps of the subject property and the immediate vicinity, if available.
- A review of information generated by Environmental Data Resources, Inc. (EDR), which included a search of state and federal databases, including the National Priority List (NPL), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), CERCLIS No Further Remedial Action is Planned (CERCLIS NFRAP), Resource Conservation and Recovery Act (RCRA) Treatment Storage and Disposal facility (RCRA TSD), RCRA Violations and Enforcement (RCRA-VIOL/ENF), RCRA generator list (RCRA GENERATORS), RCRA Corrective Action (RCRA CORRACTS), Emergency Response Notification System (ERNS), Toxic Release Inventory System (TRIS), Department of Defense Sites (DOD), Facility Index System/Facility Identification Initiative Program Summary Report (FINDS), State Priorities List (SPL), State Cleanup Sites (SCL), Solid Waste Management Facilities (SWF), Registered Underground and/or Aboveground Storage Tanks (UST/AST), Leaking Underground Storage Tank Incident Reports (LUST), Leaking Tanks (LTANKS), Enforcement Actions (ENF), VA Spills, or Dry Cleaners. A copy of the EDR report is located in **Appendix B**.

2.3 SIGNIFICANT ASSUMPTIONS

Kimley-Horn assumes that all information provided by EDR regarding the regulatory status of facilities located within the minimum search radius and information obtained

from the state and city's files were complete, accurate, and current. Kimley-Horn also assumes that all information obtained through interviews was complete, accurate, and unbiased.

2.4 LIMITATIONS AND EXCEPTIONS

This assessment represents a reasonable attempt to identify RECs for the subject property through the implementation of the methodology and the use of resources described above. There is always the possibility that RECs have escaped detection due to the limitations of this study, the incompleteness or inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents.

Conclusions were based on practically reviewable information available within reasonable time and cost constraints. There is always the possibility that potential sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents.

The following limitations apply to the information summarized in this Phase I ESA report:

- Low resolution on some historical aerial/satellite images, limiting the ability to ascertain site features.
- Not all areas of the site were observed during site reconnaissance activities.
- Interior areas of subject property structures were not observed.
- An interview with the former property owner was not reasonably ascertainable, and therefore not included as part of this investigation.
- Interviews with adjacent property owners were not conducted.

2.5 SPECIAL TERMS AND CONDITIONS

The terms and conditions of the completion of the Phase I ESA are those defined in the contract with Rockford Homes for preparation of this report.

2.6 USER RELIANCE

This report is provided for the sole use of Kimley-Horn and Rockford Homes. Unless provided with a Right of Reliance letter, use of this report by any third party will be at the party's sole risk, and Kimley-Horn disclaims any liability for any such uses or reliance by third parties.

3.0 SITE DESCRIPTION

The following is a summary of the subject property and the surrounding properties, as well as their environmental setting.

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is comprised of one (1) parcel encompassing approximately 84.62 acres located at 17795 Coshocton Road, Mount Vernon, Delaware County, Ohio 43050. The subject property is bound to the north by undeveloped wooded land, to the east by single-family residences and undeveloped wooded land, to the south by undeveloped wooded land and a county education facility, and to the west by undeveloped wooded land, single-family residences, and a condominium complex.

The subject property is comprised of one (1) parcel, identified by the Knox County Auditor's Office as Parcel Number 71-00050.000, encompassing approximately 84.62 acres in total.

3.2 SUBJECT PROPERTY AND VICINITY GENERAL CHARACTERISTICS

The subject property generally consists of active agricultural land with a garage/barn located on the eastern portion of the site adjacent to where a former residential dwelling was located. The subject property is generally surrounded by undeveloped wooded areas and limited residential and commercial development located in the vicinity.

3.2.1 SUBJECT PROPERTY ELEVATION AND TOPOGRAPHY

A review of the 2019 *Mount Vernon, OH* United States Geologic Survey (USGS) topographic map indicates that the subject property and surrounding areas have an elevation of approximately 1,184 feet above National Geodetic Vertical Datum (NGVD). Historical topographic maps of the subject property ranging from 1912 to 2019 were obtained from EDR and are provided in **Appendix C**.

Based on Federal Emergency Management Agency (FEMA) map numbers 39083C0195D, effective July 7, 2009, the subject property is depicted as occurring in unshaded Zone X; areas determined to be outside of the 0.2% annual chance floodplain. A copy of the FEMA map is included in **Appendix F**.

3.2.2 SURFACE WATER FEATURES

A portion of a roadside ditch is located along Coshocton Road that was flowing at the time of the site reconnaissance. No other surface waters were observed as occurring on the subject property during the site reconnaissance. The Kokosing River is located approximately 9,000 feet south of the subject property.

3.3 CURRENT USE OF PROPERTIES

Current uses of the subject property are described in **Section 3.2**.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS OF THE SUBJECT PROPERTY

Site improvements of the subject property are described in **Sections 3.2 and 6.0**.

3.5 CURRENT USE OF ADJOINING PROPERTIES

Current used of the adjoining properties were observed to be described as below:

North – Private residence (Upper Gilcrest Rd) and undeveloped woods

East – Private residences (17939, 17919, 17899, 17863, 17841, 17821, 17830, 17790, 17762 Coshocton Road), Hospice of Knox County (17700 Coshocton Road), Board of County Commissioners (17606 Coshocton Road), Knox County Water & Wastewater (17602 Coshocton Road)

South – Private residence (17635 Coshocton Road), Knox County Board of Developmental Disabilities (11700 Upper Gilchrist Road), private residence (11810 Upper Gilchrist Road)

West – Undeveloped land, private residences (11867, 11973, 11990, 12000, 12045, 12067 Upper Gilchrist Road), Colonial Woods Condominiums (Colonial Woods Drive).

4.0 USER PROVIDED INFORMATION

4.1 USER QUESTIONNAIRE

Mr. Justin Lowe, Land Development Manager with Rockford Homes was sent the User Questionnaire on January 24, 2022. The User Questionnaire was received on January 5, 2022 and the responses are indicated below. A copy of the completed User Questionnaire and associated documents can be found in **Appendix D**.

4.2 TITLE RECORDS

Chain-of-title was not provided and therefore not reviewed as part of this assessment.

4.3 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

An environmental lien/AUL search was not conducted as part of this assessment.

4.4 SPECIALIZED KNOWLEDGE

No specialized knowledge or experience was identified.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

None provided.

4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The subject property is currently owned by the following entities: Casey's Way LLC (Parcel Number: 71-00050.000)

4.7 REASON FOR PERFORMING THE ENVIRONMENTAL SITE ASSESSMENT

Kimley-Horn was contracted by Rockford Homes to perform a Phase I ESA consistent with ASTM E 1527-13 for due diligence purposes.

4.8 OTHER ENVIRONMENTAL REPORTS REVIEWED

No other environmental reports were reviewed for the subject property.

5.0 RECORD REVIEW

The following is a summary of the historical record review conducted for the subject property.

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

As a part of this assessment, Kimley-Horn reviewed various sources of information to obtain data pertaining to the release of regulated substances or petroleum products on or near the subject property.

An environmental database search for the subject property and the surrounding area was performed by EDR using ASTM 1527-13 standard radii. A copy of the EDR Radius Report is attached in its entirety in **Appendix B**.

Below is a summary of pertinent information obtained from the EDR Radius Report pertaining to recorded database records within the subject property or the surrounding vicinity.

Subject Property Listings

The EDR Radius Report did not identify any database listings originating on the subject property.

Adjoining/Surrounding Property Listings

The EDR Radius Report did not identify any database listings originating from adjoining or surrounding area sites in proximity to the subject property.

Orphan Sites

The EDR Radius Report did not identify any orphan property listings within the standard search radii of the subject property.

5.2 PHYSICAL SETTING SOURCES

Site elevation and topography were reviewed using the 2019 *Mount Vernon, Ohio* USGS 7.5 Minute topographic quadrangle provided in **Appendix C**. Information on local topography was obtained from the Physical Setting Summary of the EDR Radius Report in **Appendix B**.

5.3 HISTORICAL USE INFORMATION ON THE PROPERTY

The following is a summary of the historic uses of the subject property.

5.3.1 AERIAL/SATELLITE IMAGE REVIEW

In order to ascertain the previous land uses of the subject property, a review of historical aerial/satellite images for physical conditions of the subject property was conducted. Aerial/satellite images were reviewed for years including 1959, 1960, 1974, 1981, 1988, 1994, 2000, 2006, 2010, 2013, and 2017.

The 1959 aerial/satellite image depicts the subject property as generally active agricultural land although due to poor image resolution, additional features cannot be deciphered.

The 1960 and 1974 aerial/satellite images depict the subject property as active agricultural land with an apparent residential dwelling and associated out-buildings located on the eastern portion of the site along Coshocton Road. Tree-lined wind breaks are present within the agricultural portions of the subject property, while an apparent farm pond is depicted on the central portion of the site. The subject property is bordered by a combination of residential dwellings and agricultural and undeveloped land.

The 1981 aerial/satellite image continues to depict the subject property as previously referenced. The farm pond area is depicted as dry and vegetated, while a portion of the subject property located on the western side, adjacent to Gilchrist Road, is depicted as undeveloped woods. The adjoining sites are depicted as previously referenced with the south adjoining County facilities depicted as developed with associated structures present.

The 1988 aerial/satellite image depicts the subject property as generally active agricultural land although due to poor image resolution, additional features cannot be deciphered.

The 1994 aerial/satellite image continues to depict the subject property and adjoining sites as previously referenced.

The 2000 aerial/satellite image depicts the subject property as generally active agricultural land although due to poor image resolution, additional features cannot be deciphered.

The 2006 aerial/satellite images continue to depict the subject property and adjoining sites as previously referenced. The residential dwelling located on the eastern portion of the subject property and associated out-buildings remains present, while the site continues to be depicted as active agricultural land. The tree-lined wind breaks are no longer depicted as the entirety of the subject property is depicted as active farmland, with the exception of the wooded portion located on the western portion of the site. The adjoining sites and overall vicinity continue to be depicted as a combination of private residence, undeveloped wooded land, and limited commercial development.

The 2010, 2013, and 2017 aerial/satellite images depict the subject property and adjoining sites in their current configuration, with the exception of the residential dwelling located on the eastern portion of the subject property, which was observed during the recent site reconnaissance as having been removed. The western Colonial Woods condominium complex is depicted as present but under construction. Further review of Google Earth images indicates the dwelling was removed sometime between March 2019 and February 2021.

The review of aerial/satellite images identified historical property use of the subject property for agricultural purposes. Given the historical use of the subject property for agricultural purposes, potential concern is noted regarding the possible use of pesticides, herbicides and fertilizers. If these materials were stored, used, and applied according to industry standards, they should not have significantly impacted the subject property. Evidence of large-scale use or disposal of pesticides, herbicides or fertilizers, such as mixing tanks, chemical storage areas, sprayers, etc. was not observed on the subject property.

Evidence of the overuse of such materials, such as stressed vegetation or surface staining, was not observed. Therefore, Kimley-Horn concluded that the historical use of the subject property for agricultural purposes and any potential residual pesticides, herbicides and fertilizers in the subject property soils represents a *de minimis* condition to the site. Aerial/satellite images were obtained from EDR and are provided in **Appendix C**.

5.3.2 CHAIN OF TITLE REVIEW

Chain of title was not provided by the User, and therefore not reviewed as part of this assessment.

5.3.3 CITY DIRECTORY REVIEW

A City Directory summary of the subject property and adjoining sites for the years spanning 1964, 1968, 1970, 1975, 1980, 1985, 1990, 1992, 1995, 2000, 2005, 2010, 2014, and 2017 was provided by EDR and is attached in its entirety in **Appendix C**. City Directory records were available for the years 1964, 1968, 1970, 1975, 1980, 1985, 1990, 1992, 1995, 2000, 2005, 2010, 2014, and 2017. The subject property located at 17795 Coshocton Road was identified a private individual in 1992 through 2010 and not listed in 2014 or 2017. The adjoining sites are generally either not listed or listed as private individuals with the associated County facilities located at 17602/17604 Coshocton Road and 11700 Upper Gilchrist Road listed from circa 1992 through 2017. Review of historical city directories did not identify past uses indicating *recognized environmental conditions* in connection with the subject property.

5.3.4 BUILDING PERMIT REPORT

A Building Permit Report through EDR was not included or reviewed as part of this assessment.

5.3.5 SANBORN FIRE INSURANCE MAPS

EDR conducted a search of available Sanborn Fire Insurance Maps for the subject property in which EDR indicated that the subject property is currently unmapped. A copy of the EDR Certified Sanborn Map Report is provided in **Appendix C**.

5.3.6 HISTORICAL TOPOGRAPHIC MAPS

Kimley-Horn reviewed available historical USGS topographic maps for information regarding past uses of the subject property through EDR. Historical topographic maps of the subject property and surrounding area that were provided and reviewed include the following years: 1912, 1914, 1943, 1961, 1974, 1982, 2013, 2016, and 2019.

The 1912 and 1914 topographic map (*Gambier, OH* quadrangle) depicts two (2) structures present along the eastern portion of the subject property along Coshocton Road. An intermittent stream is also depicted as occurring directly west of the subject property. Coshocton Road is depicted as occurring along the eastern portion of the subject property, while Upper Gilchrist road is depicted as occurring along the western portion. No other features are depicted as occurring on the subject property.

The 1943 topographic map (*Gambier, OH* quadrangle) continues to depict two (2) structures present along the eastern portion of the subject property along Coshocton Road, while the intermittent stream located west of the site is no longer depicted. Coshocton Road and Upper Gilchrist Road are depicted as previously indicated.

The 1961, 1974, and 1982 topographic maps (*Mt Vernon, OH* quadrangle) depict one (1) structure present along the eastern portion of the subject property. An intermittent stream is also depicted as occurring directly west of the subject property along with a racetrack labeled as Knox-Vernon Speedway. No other features are depicted as occurring on the subject property.

The 2013 and 2016 topographic maps (*Mt Vernon, OH* quadrangle) depict the subject property and nearby vicinity in its current configuration. No structures are depicted on the topographic map. An intermittent stream remains depicted as occurring directly west of the subject property.

The 2019 topographic map (*Mt Vernon, OH* quadrangle) depicts the subject property and nearby vicinity in its current configuration. No structures are depicted on the topographic map. An intermittent stream remains depicted as occurring directly west of the subject property. Colonial Woods Drive is also depicted as occurring to the west of the subject property.

Review of historical topographic maps did not identify past uses indicating *recognized environmental conditions* in connection with the subject property. The land use depicted is consistent with the aerial/satellite images reviewed in **Section 5.3.1** of this report.

5.3.7 OTHER ENVIRONMENTAL RECORDS

No other environmental records were found.

5.3.8 PAST USE OF SUBJECT PROPERTY

The past use of the subject property is described in **Section 5.3.1**.

5.3.9 PAST GENERAL SURROUNDING LAND USES

Past general surrounding land uses are described in **Section 5.3.1**.

6.0 SITE RECONNAISSANCE

The following is a summary of the methodology and observations of the site reconnaissance.

6.1 METHODOLOGY AND LIMITING CONDITIONS

Mr. Justin Williams, environmental scientist with Kimley-Horn, conducted the subject property reconnaissance on December 29, 2021. The site visit was performed to make the necessary site observations for compliance with ASTM E 1527-13. The subject property reconnaissance included an inspection of the outdoor areas of the subject property and observation of any onsite structures from the exterior only. Kimley-Horn did not have access to the interior of any structures located on the subject property. The weather on the date of the reconnaissance was cloudy with a temperature of approximately 50°F with no visibility limitations. Representative site photographs are included as **Appendix A**. Representative locations of pertinent site features are provided in **Figure 3**.

6.2 GENERAL SITE SETTING

General site settings are described in **Section 3.2** and can be seen on **Figure 3**.

6.3 SITE OBSERVATIONS

On December 29, 2021, Mr. Justin Williams of Kimley-Horn completed the site reconnaissance and was unescorted during the site visit. The perimeter of the subject property was walked, including an exterior visual inspection of the onsite garage/shed, and unimproved wooded area(s).

6.3.1 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS IN CONNECTION WITH IDENTIFIED USES

Two (2) Columbus Gas pipeline markers were observed on the western portion of the subject property along Upper Gilchrist Road. Natural gas lines do not typically result in potential sources of contaminants of environmental media unless they are converted from previous crude or production lines. Since natural gas volatilizes at standard atmospheric pressures and temperatures, potential releases from natural gas lines do not collect in soil or groundwater media. However, natural gas pipelines can form condensate under pressure. This usually collects in the pipeline near compressor stations. The condensate contains a complex mixture of hydrocarbons, including benzene. In addition, polychlorinated biphenyls (PCBs), which are probable human carcinogens, can also enter natural gas pipelines from the use of PCB lubricants at compressor stations. No compressor station or natural gas surface infrastructure was observed on the subject property or adjacent sites. Based on this information the observed natural gas pipeline markers do not appear to constitute a *recognized environmental condition* in connection with the subject property. No other hazardous substances were reported or observed as occurring on the subject property.

6.3.2 STORAGE TANKS

No storage tanks were observed on the subject property.

6.3.3 ODORS

No significant odors were observed or detected on the subject property.

6.3.4 DRUMS

No drums were observed on the subject property.

6.3.5 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS CONTAINERS

No petroleum product or hazardous substances containers were observed on the subject property.

6.3.6 UNIDENTIFIED SUBSTANCE CONTAINERS

No unidentified substance containers were observed on the subject property.

6.3.7 POLYCHLORINATED BIPHENYLS (PCBS)

Transformers are a potential concern due to the potential presence of polychlorinated biphenyls (PCBs) in the coolant of some older units. Polychlorinated biphenyls (PCBs) are a toxic chemical component of dielectric fluids, coolants or lubricating oils used in many electrical transformers, light ballasts, capacitors or other similar equipment manufactured prior to 1979.

Kimley-Horn observed one (1) pole-mounted transformer located on the western portion of the subject property along Upper Gilchrist Road. Kimley-Horn did not observe any transformer labeling regarding its PCB-content. No evidence of stains or leaks were noted on or beneath the transformers. The existing transformers are owned and maintained by the local electrical provider, American Electric Power (AEP), and any releases from the transformers would be the utility providers' responsibility. Based on this information and visual observations, the transformer is not considered to represent an environmental concern to the subject property at this time.

6.3.8 PITS, PONDS, LAGOONS

No pits, ponds, or lagoons were observed at the subject property.

6.3.9 STAINED SOIL OR PAVEMENT

No stained soil or pavement was observed on the subject property.

6.3.10 STRESSED VEGETATION

No evidence of stressed vegetation was observed at the subject property.

6.3.11 SOLID WASTE

No solid waste containers were observed at the subject property. Various household debris (scrap metal, empty cans, wood, bricks) was observed as located on the northeast portion of the subject property adjacent to the access drive.

6.3.12 WASTEWATER

No wastewater was observed at the subject property.

6.3.13 WELLS

One (1) water well head was observed as occurring on the subject property in the vicinity of the previous residential dwelling located at 17795 Coshocton Road. According to the review of historical aerial/satellite images and the site reconnaissance, the subject property residential dwelling was removed

sometime between 2017 and 2021. Review of Google Earth further indicates the dwelling was removed sometime between March 2019 and February 2021. Refer to the photolog in **Appendix A** for representative photos of subject property water well head and **Figure 3** for the location of pertinent site features.

According to the review of the Ohio Department of Natural Resources (ODNR), Division of Geological Survey, Water Well Viewer, thirteen (13) historical water well records are located on the subject property, generally from years 1956, 1987, and 2005. The majority of the water wells completed in 2005 reference they were developed for geothermal use and further reference the well address as 1700 Coshocton Road. However, the Water Well Viewer and well record sketch map places the wells within the boundaries of the subject property. It is assumed that a number of these wells may have been historically abandoned as no water well pipes/markers were observed during the site reconnaissance. One (1) of the historical water wells is depicted as occurring in the vicinity of the previous residential dwelling located at 17795 Coshocton Road which was installed on September 24, 1959. Additionally, according to demolition permit records dated September 19, 2019 for the subject property which was obtained from the Knox County Health Department on January 5, 2022, the subject property and associated address does have an existing water well that was to be kept for future site development.

6.3.14 SEPTIC SYSTEMS

One (1) suspect septic tank access pipe was observed in the vicinity of the previous residential dwelling located at 17795 Coshocton Road. Refer to the photolog in **Appendix A** for representative photos of suspect septic tank access pipe head and **Figure 3** for the location of pertinent site features.

According to the demolition permit dated September 19, 2019 for the subject property which was obtained from the Knox County Health Department on January 5, 2022, the subject property does not have an existing septic system and is on City sanitary sewer service. However, a comment noted at the bottom of the permit notes the following; "must abandon septic tank", indicating that a septic tank/system may currently be present on the subject property. An additional septic tank cleaning document dated February 22, 2002 was provided that also indicates routine cleaning of the septic tank in 2001. Historical septic system coliform testing results were also provided for years 2000, 1996, and 1995 indicating negative results. Kimley-Horn recommends that if a septic system is encountered proximate to this location that it be closed, removed and/or disposed of in accordance with all applicable local, state, federal rules and regulations. Additionally, follow correspondence with the Knox County Health Department indicates that if a septic tank/system is present on the subject property that requires removal/abandonment for the proposed project, that a registered installer with Knox County would be required to perform the duties of the septic system abandonment.

6.4 INTERIOR OBSERVATIONS

One (1) garage/shed structure was observed as present along the eastern portion of the subject property located at 17795 Coshocton Road, which according to Knox County Auditor records was constructed in 1998. Kimley-Horn was not able to access or observe the interior of any structures located on the subject property to identify the potential use, storage, or disposal of hazardous substances or other potential environmental concerns.

Kimley-Horn considers the inability to observe the interior of structures to be located on the subject property to represent a *data gap*; however, based on the consistent historical use of the subject property for residential and agricultural purposes and lack of recorded or observed leaks and/or spills onsite, Kimley-Horn does not consider the lack of interior structure access to represent a *significant data gap*.

7.0 INTERVIEWS

The following is a summary of the interviews conducted by Justin Williams of Kimley-Horn in support of this assessment.

7.1 INTERVIEW WITH CURRENT PROPERTY OWNER / MANAGER

Kimley-Horn submitted an Owner Questionnaire to Rockford Homes on December 23, 2021 for forwarding to the owner/owner's representative. As of this writing, a response has not been received. The lack of response is considered a *data gap*. However, based on information obtained from other sources during the course of this assessment, the presence of this *data gap* is not considered to represent a *significant data gap*.

7.2 INTERVIEWS WITH GOVERNMENT OFFICIALS

Kimley-Horn submitted a public records request to the Mount Vernon Engineering Department on December 21, 2021, for information pertaining to historical building records on file for the subject property. Mr. Duane Van Horn, Engineering Technician with the Mount Vernon Engineering Department responded via e-mail on December 22, 2021 that the Department does not have any records on file for the associated subject property address. Agency responses and associated records of communication are provided in **Appendix E**.

Kimley-Horn submitted a public records request to the Knox County Health Department on December 21, 2021, for information pertaining to any permits for wells or septic systems, spills, releases or other matters of an environmental health nature. Ms. Cathy Miller, Administrative Assistant with the Knox County Health Department, Environmental Health Division, responded on January 5, 2022 with available files for the subject property which included a demolition permit dated September 19, 2019 indicating that a water well and septic system may be present onsite, Knox County Auditor parcel records, historical septic tank cleaning documentation and associated coliform testing results. Agency responses and associated records of communication are provided in **Appendix E**.

Kimley-Horn contacted the Monroe Township (Knox County), Ohio Fire Department for records of hazardous spills, past or present underground storage tanks (USTs), and emergency hazardous responses associated with the subject property and nearby vicinity. Mr. Tom Clinedinst with the Monroe Township Fire Department indicated in a phone interview on December 4, 2021 that the Department does not have any records on file for the associated subject property or nearby vicinity. Agency responses and associated records of communication are provided in **Appendix E**.

7.3 INTERVIEWS WITH OTHERS

No other interviews were conducted for the subject property for the purposes of this assessment.

8.0 VAPOR EVALUATION

A Tier I Vapor Encroachment Screening was performed in conjunction with this Phase I ESA. The object of this screening is to identify vapor encroachment conditions (VECs). ASTM Standard Guide E2600-15 defines a VEC as “The presence or likely presence of constituent-of-concern vapors in the vadose zone of the Target Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Target Property as identified by the Tier 1 or Tier 2 procedures in this guide.”

Information regarding nearby facilities with the potential to be vapor sources, local soil types, and topographic information was obtained through EDR. This information was used to assess the potential for VECs at the subject property. As no RECs have been currently identified, no VECs are anticipated.

9.0 SIGNIFICANT DATA GAPS

According to ASTM Standard Method E 1527-13:

“...The report shall identify and comment on significant data gaps that affect the ability of the EP to identify recognized environmental conditions and identify the sources of information that were consulted to address the data gaps. A data gap by itself is not inherently significant. For example, if a property’s historical use is not identified back to 1940 because of data failure (see 8.3.2.3), but the earliest source shows that the property was undeveloped; this data gap by itself would not be significant. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap. For example, if a building on the property is inaccessible during the site visit, and the environmental professional’s experience indicates that such a building often involves activity that leads to a recognized environmental condition, the inability to inspect the building would be a significant data gap warranting comment.”

Conclusions were based on practically reviewable information available within reasonable time and cost constraints. There is always the possibility that potential sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents.

The following data gaps apply to the information summarized in this Phase I ESA report:

- Adjacent and former property owner interview were not conducted and as such is not included as part of this report.
- Kimley-Horn submitted an Owner Questionnaire to Rockford Homes on December 23, 2021 for forwarding to the owner/owner’s representative. As of this writing, a response has not been received. The lack of response is considered a *data gap*. However, based on information obtained from other sources during the course of this assessment, the presence of this *data gap* is not considered to represent a *significant data gap*.
- Kimley-Horn considers the inability to observe the interior of structures to be located on the subject property to represent a *data gap*; however, based on the consistent historical use of the subject property for residential and agricultural purposes and lack of recorded or observed leaks and/or spills onsite, Kimley-Horn does not consider the lack of interior structure access to represent a *significant data gap*.

10.0 FINDINGS

The following is a summary of the RECs, *de minimis* conditions and constructability concerns that were identified during completion of this Phase I ESA and required in ASTM E 1527-13, 12.5.

10.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

Kimley-Horn has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the subject property. Any exceptions to, or deletions from, this practice are described in **Sections 2.4 and 9.0** of this report. This Phase I ESA revealed evidence of the following RECs in association with the subject property:

RECs originating within the subject property:

- No RECs originating within the subject property were identified.

RECs originating from adjoining/surrounding properties:

- No RECs originating from adjoining/surrounding properties were identified.

10.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

A controlled recognized environmental conditions (CREC) can be defined as “*a recognized environmental condition 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...property use restrictions, activity and use limitations, institutional controls, or engineering controls.*”

This Phase I ESA revealed no evidence of CRECs in association with the subject property.

10.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

A historical recognized environmental condition (HREC) can be defined as “*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....*”

This Phase I ESA revealed no evidence of HRECs in association with the subject property.

10.4 DE MINIMIS CONDITIONS

A *de minimis* condition can be defined as: “*a condition that generally does 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 the appropriate government agencies.*”

This Phase I ESA revealed the following *de minimis* conditions in association with the subject property:

- Review of aerial/satellite images identified historical property use of the subject property for agricultural purposes. Given the historical use of the subject property for agricultural purposes, potential concern is noted regarding the possible use of pesticides, herbicides and fertilizers. If these materials were stored, used, and

applied according to industry standards, they should not have significantly impacted the subject property. Evidence of large-scale use or disposal of pesticides, herbicides or fertilizers, such as mixing tanks, chemical storage areas, sprayers, etc. was not observed on the subject property. Evidence of the overuse of such materials, such as stressed vegetation or surface staining, was not observed. Therefore, Kimley-Horn concluded that the historical use of the subject property for agricultural purposes and any potential residual pesticides, herbicides and fertilizers in the subject property soils represents a *de minimis* condition to the site.

10.5 CONSTRUCTIBILITY CONCERNS

The Constructability Concern analysis is designed to identify issues that could affect the facility design, budget or timetable. This Phase I ESA revealed evidence of the following constructability concerns in association with the subject property:

- Kimley-Horn observed two (2) Columbia Gas natural gas pipeline markers located on the western portion of the subject property, adjacent to Upper Gilchrist Road. The observed natural gas pipeline markers do not appear to constitute a *recognized environmental condition* with the subject property but should be noted.
- One (1) water well head was observed as occurring on the subject property in the vicinity of the previous residential dwelling located at 17795 Coshocton Road. According to the review of the Ohio Department of Natural Resources (ODNR), Division of Geological Survey, Water Well Viewer, thirteen (13) historical water wells are located on the subject property, generally from years 1956, 1987, and 2005. The majority of the water wells completed in 2005 reference they were developed for geothermal use and further reference the well address as 1700 Coshocton Road. However, the Water Well Viewer and well record sketch map place the wells within the boundaries of the subject property. It is assumed that a number of these wells may have been historically abandoned as no water well pipes/markers were observed during the site reconnaissance. One (1) of the historical water wells is depicted as occurring in the vicinity of the previous residential dwelling located at 17795 Coshocton Road which was installed on September 24, 1959. Additionally, according to demolition permit records dated September 19, 2019 for the subject property which was obtained from the Knox County Health Department on January 5, 2022, the subject property and associated address does have an existing water well that was to be kept for future site development.
- One (1) suspect septic tank access pipe was observed in the vicinity of the previous residential dwelling located at 17795 Coshocton Road. Refer to the photolog in **Appendix A** for representative photos of suspect septic tank access pipe head and **Figure 3** for the location of pertinent site features. According to the demolition permit dated September 19, 2019 for the subject property which was obtained from the Knox County Health Department on January 5, 2022, the subject property does not have an existing septic system and is on City sanitary sewer service, however a comment noted at the bottom of the permit notes the following; "must abandon septic tank", indicating that a septic tank/system may currently be present on the subject property. An additional septic tank cleaning document dated February 22, 2002 was provided that also indicates routine cleaning of the septic tank in 2001. Historical septic system coliform testing results were also provided for years 2000, 1996, and 1995 indicating negative results. Kimley-Horn recommends that if a septic system is encountered

proximate to this location that it be closed, removed and/or disposed of in accordance with all applicable local, state, federal rules and regulations. Additionally, follow correspondence with the Knox County Health Department indicates that if a septic tank/system is present on the subject property that requires removal/abandonment for the proposed project, that a registered installer with Knox County would be required to perform the duties of the septic system abandonment.

- One (1) roadside ditch was observed as occurring on the eastern portion of the subject property along Coshocton Road. If any development activities are anticipated to take place on the subject property that may result in the discharge of dredged or fill material into streams, wetlands, or other potentially regulated aquatic features onsite, a jurisdictional determination and applicable state and/or federal permitting may be required.

11.0 DEVIATIONS

As defined in ASTM Standard Method E 1527-13, no deviations were part of this Phase I ESA.

12.0 REFERENCES

American Society for Testing and Materials, (2012). Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E 1527-13.

American Society for Testing and Materials, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, E 2600-15.

Environmental Data Resources, Inc. (EDR), Certified Sanborn Map Report, Inquiry Number 6800991.3, dated December 27, 2021.

Environmental Data Resources, Inc., The EDR-City Directory Image Report, Inquiry Number 6800991.5, dated December 29, 2021.

Environmental Data Resources, Inc., The EDR Radius Map™ Report with Geocheck®, Inquiry Number 6800991.2s, dated December 27, 2021.

Environmental Data Resources, Inc., The EDR Historical Topographic Map Report, Inquiry Number 6800991.4, dated December 27, 2021.

Environmental Data Resources, Inc., The EDR Aerial Photograph Decade Package, Inquiry Number 6800991.8, dated December 29, 2021.

Federal Emergency Management Agency (FEMA), National Flood Insurance Program, Flood Insurance Rate Map for Jay County, Indiana Unincorporated and Incorporated Areas, Map Numbers 39041C0233K and 39041C0234K and, effective date April 16, 2009.

Ohio Department of Natural Resources, Division of Water website, water well logs, <http://www.dnr.state.oh.us/water/maptechs/wellogs/appl/>.

United States Geological Survey (USGS) *Mount Vernon, Ohio Quadrangle Topographic Map, 7.5 Minute Series, 1:24,000.*

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

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



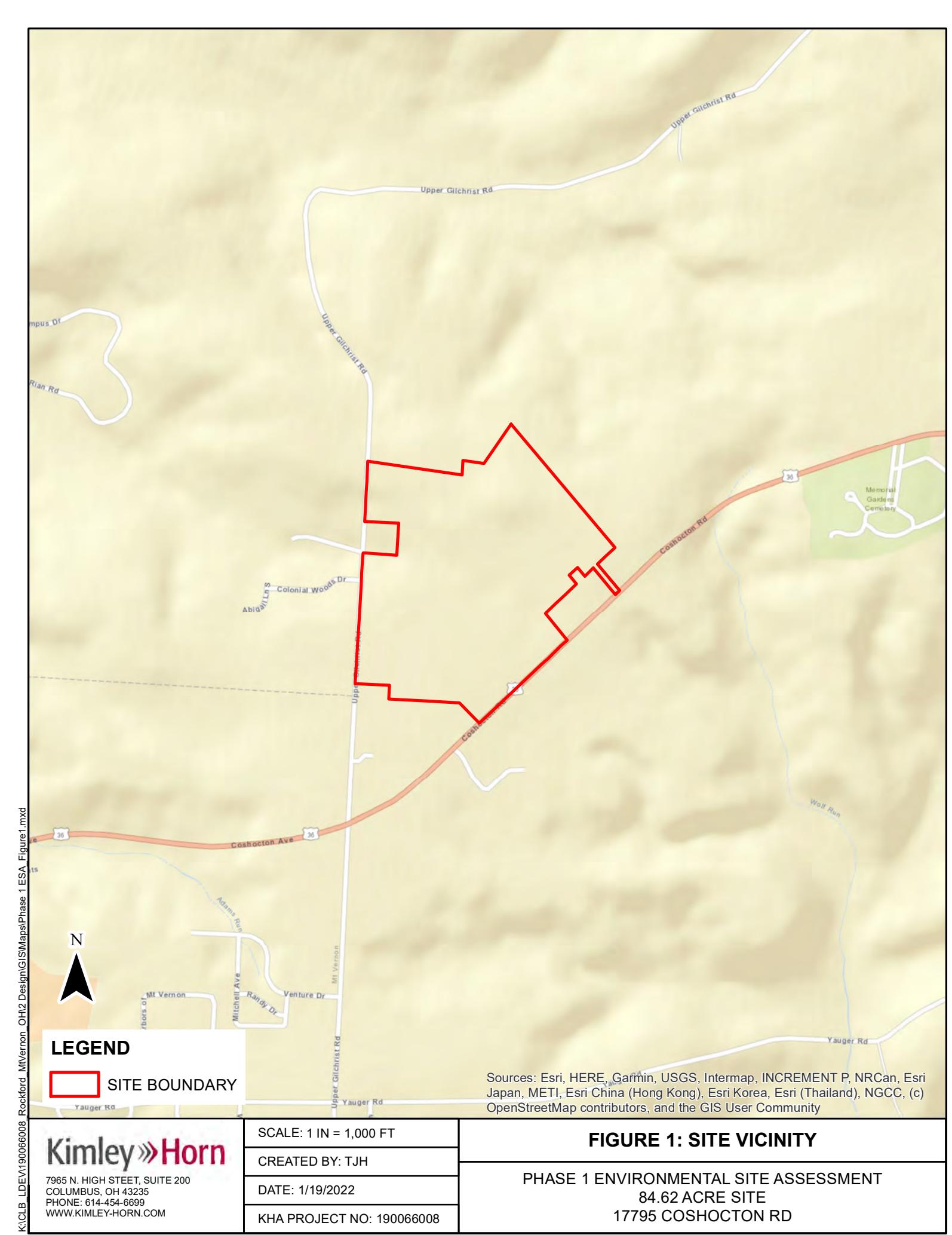
Justin S. Williams, EP
Site Assessor / Environmental Scientist

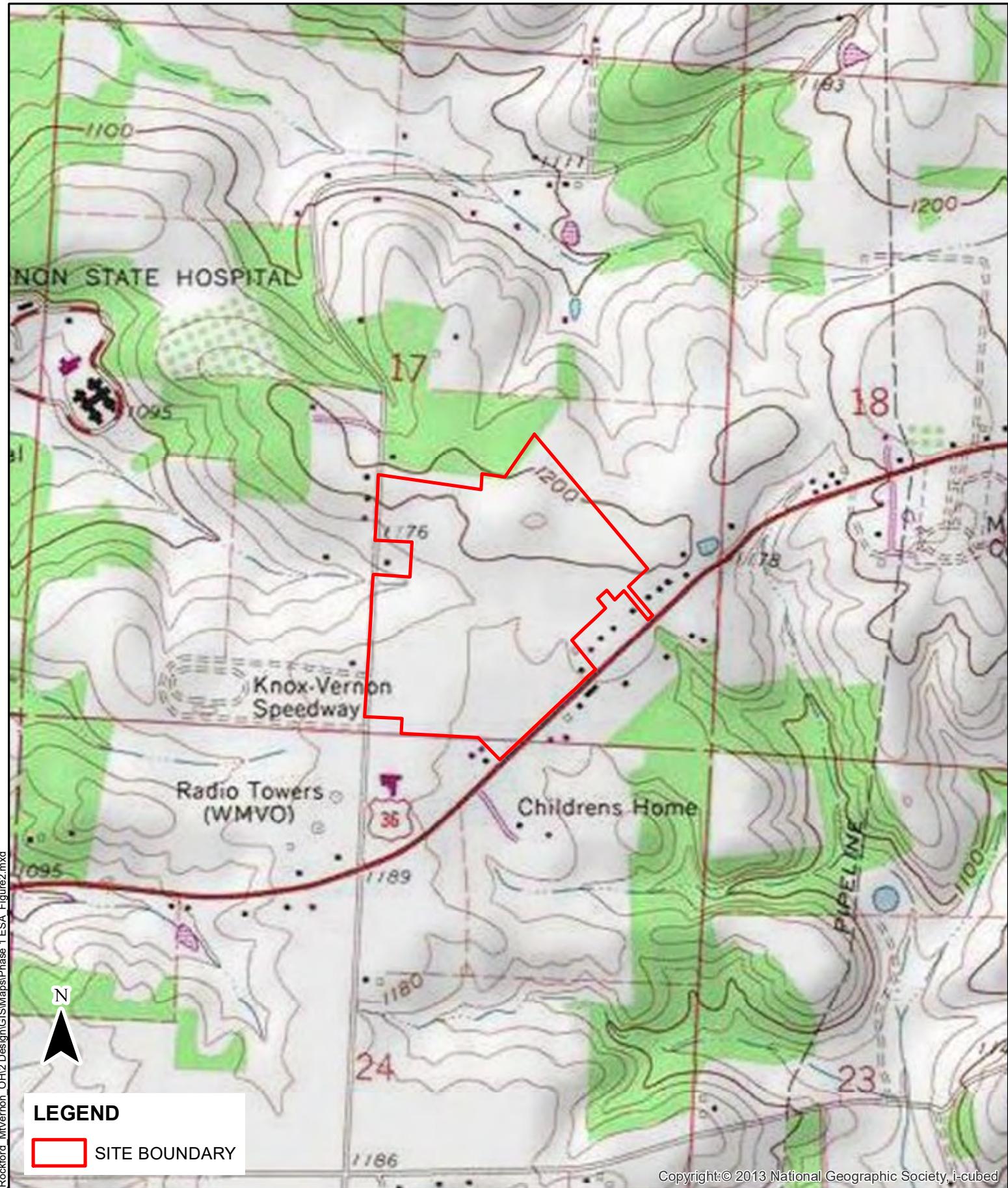
Andrew M. Schneider, AICP, EP
Senior Reviewer / Senior Project Manager

Please refer to the qualifications of personnel participating in this assessment attached in **Appendix G**.

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Figures





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Kimley » Horn

7965 N. HIGH STREET, SUITE 200
COLUMBUS, OH 43235
PHONE: 614-454-6699
WWW.KIMLEY-HORN.COM

SCALE: 1 IN = 1,000 FT

CREATED BY: TJH

DATE: 1/19/2022

KHA PROJECT NO: 190066008

FIGURE 2: TOPOGRAPHIC VICINITY

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
84.62 ACRE SITE
17795 COSHOCTON RD



LEGEND

	SITE BOUNDARY	▲	DEBRIS PILE
	ROADSIDE DITCH	■	POLE-MOUNTED TRANSFORMER
●	COLUMBIA GAS PIPELINE MARKER	◆	SUSPECT HISTORICAL WATERWELL HEAD OR SEPTIC TANK PIPE
●	CULVERT INLET	●	WATERWELL HEAD

Kimley » Horn

7965 N. HIGH STREET, SUITE 200
COLUMBUS, OH 43235
PHONE: 614-454-6699
WWW.KIMLEY-HORN.COM

SCALE: 1 IN = 400 FT

CREATED BY: TJH

DATE: 1/19/2022

KHA PROJECT NO: 190066008

FIGURE 3: PERTINENT SITE FEATURES

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
84.62 ACRE SITE
17795 COSHOCTON RD

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix A

Photographic Documentation



Photo 1: View of subject facing north along Coshocton Road.



Photo 2: View of the subject property facing south along Coshocton Road.



Photo 3: View of the subject property entrance drive located at 17795 Coshocton Rd.



Photo 4: View of the location of the previous dwelling located at 17795 Coshocton Rd.



Photo 5: View of water well head located adjacent to former dwelling location at 17795 Coshocton Road.



Photo 7: View of subject property garage/shed located at 17795 Coshocton Rd.



Photo 6: View of suspect septic tank access located adjacent to former dwelling location at 17795 Coshocton Road.



Photo 8: View of eastern portion of the suspect property looking north.



Photo 9: View of the southeast portion of the subject property facing north.



Photo 10: View of the southeast portion of the subject property facing northwest.



Photo 11: View of roadside culvert carrying ditch flow east under Coshocton Road.



Photo 12: View of the roadside ditch located along the southeast portion of Coshocton Road.



Photo 13: Representative view of Columbia Gas pipeline marker located on southwest portion of the subject property.



Photo 14: View of pole-mounted transformer located on the western portion of the subject property along Upper Gilchrist Road.



Photo 15: Representative view of the undeveloped wooded area located on the western portion of the subject property. Photo taken facing west.



Photo 16: View of the subject property access drive located on the northeast portion of the site and associated debris pile.



Photo 17: Representative view of the north adjoining undeveloped wooded area.



Photo 19: Representative view of the east adjoining private residences located along Coshocton Road. Photo taken facing north.



Photo 18: Representative view of the south adjoining single-family residence.



Photo 20: Representative view of the west adjoining Colonial Hills condo complex.

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix B

Database Reports

Mount Vernon Multi-Family
17795 Coshocton Avenue
Mount Vernon, OH 43050

Inquiry Number: 6794909.2s
December 20, 2021

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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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
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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

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 (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

17795 COSHOCTON AVENUE
MOUNT VERNON, OH 43050

COORDINATES

Latitude (North): 40.4088750 - 40° 24' 31.95"
Longitude (West): 82.4333430 - 82° 26' 0.03"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 378377.9
UTM Y (Meters): 4473915.5
Elevation: 1184 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14405633 MOUNT VERNON, OH
Version Date: 2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150731
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
17795 COSHOCTON AVENUE
MOUNT VERNON, OH 43050

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

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
RCRA-VSQG.....	RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS.....	Land Use Control Information System
------------	-------------------------------------

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

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

LUST..... Leaking Underground Storage Tank File
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
UST..... Underground Storage Tank File
AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

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

Lists of state and tribal voluntary cleanup sites

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

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

EXECUTIVE SUMMARY

HIST LF.....	Old Solid Waste Landfill
INDIAN ODL.....	Report on the Status of Open Dumps on Indian Lands
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
PFAS.....	PFOA & PFOS Site Listing

Local Lists of Registered Storage Tanks

ARCHIVE UST.....	Archived Underground Storage Tank Sites
------------------	---

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

EXECUTIVE SUMMARY

CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered 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
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
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

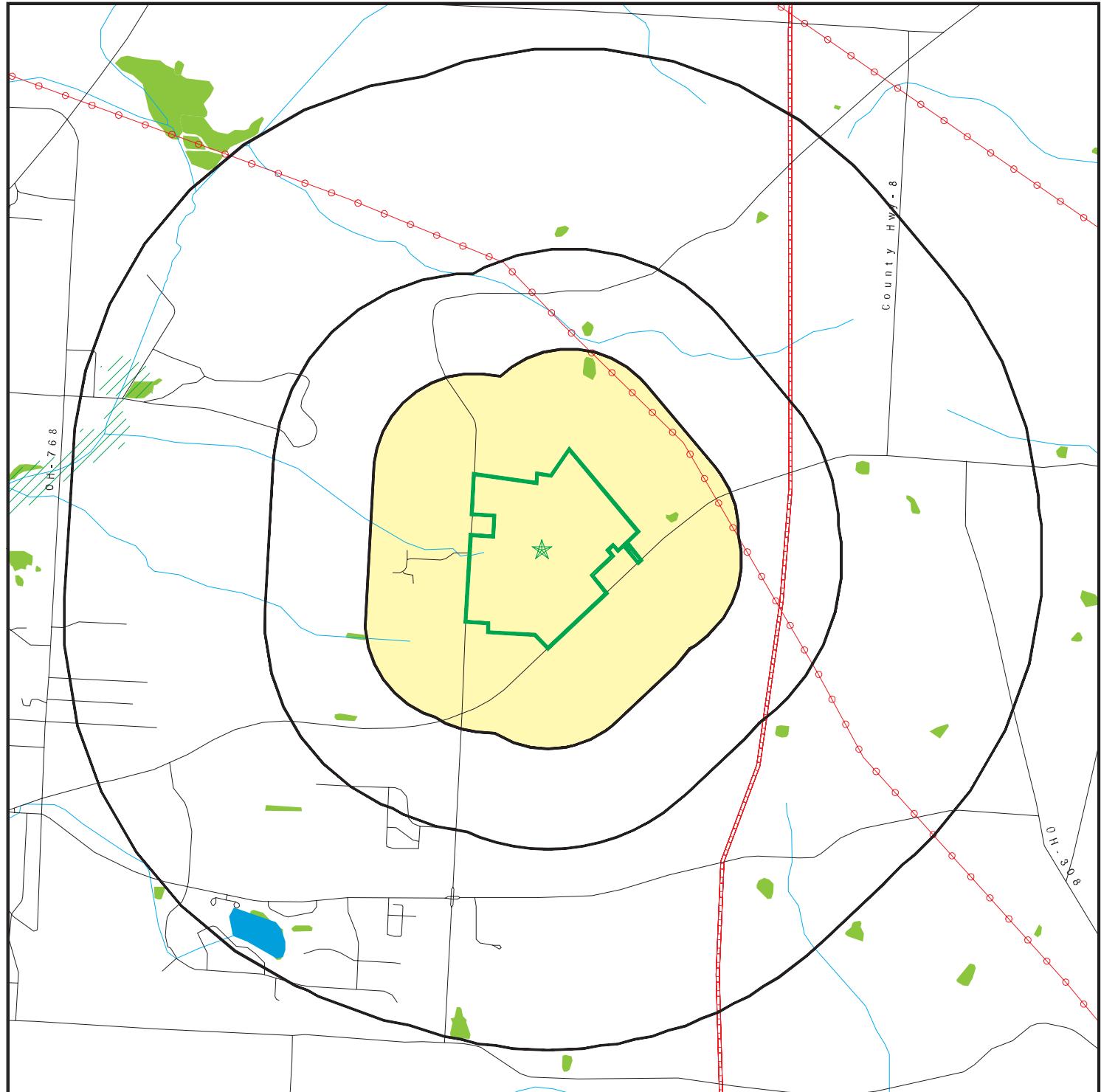
Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6794909.2S



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

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

0 1/4 1/2 1 Miles

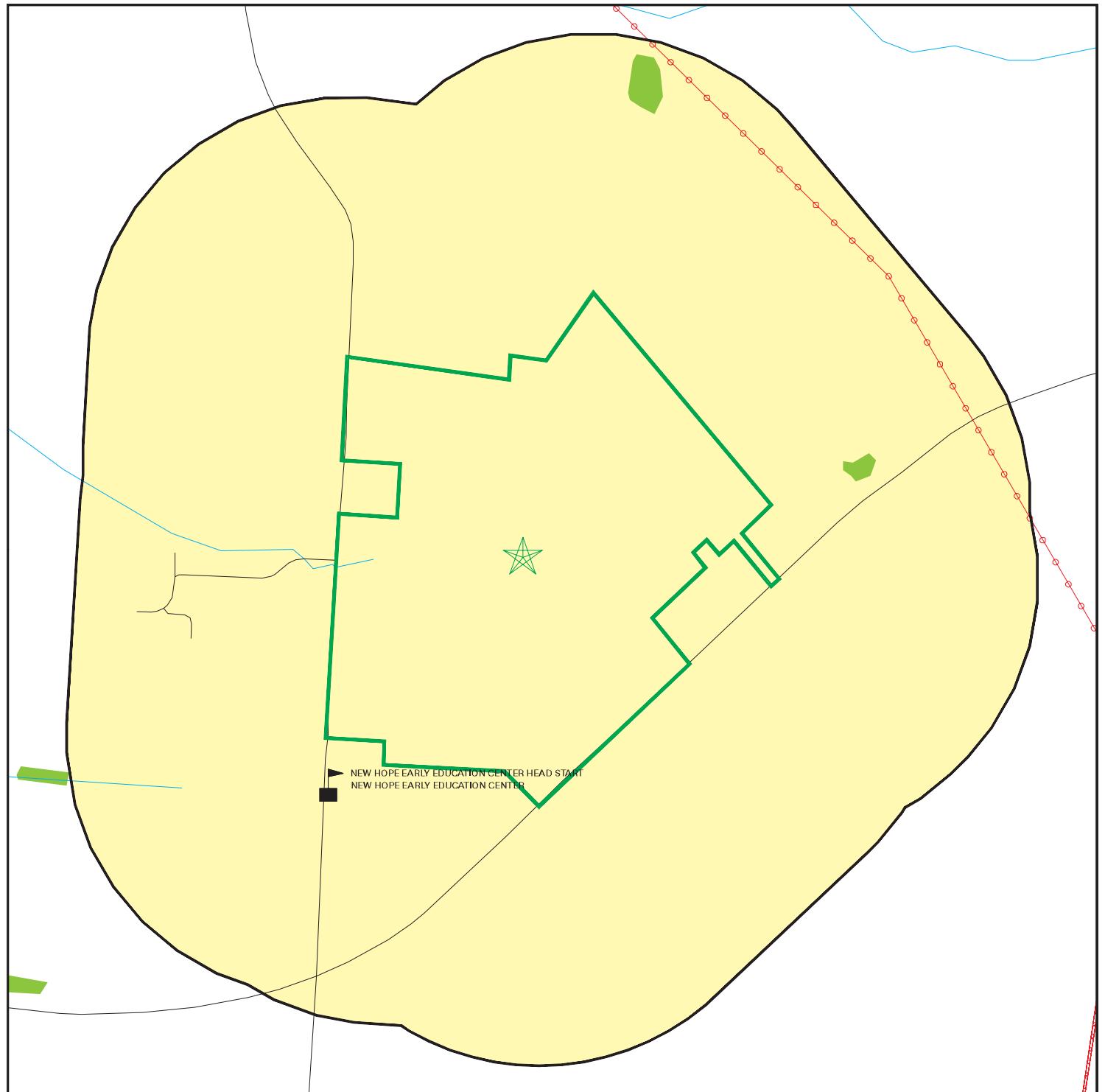


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
 Mount Vernon OH 43050
LAT/LONG: 40.408875 / 82.433343

CLIENT: Kimley-Horn
CONTACT: Justin Williams
INQUIRY #: 6794909.2s
DATE: December 20, 2021 3:55 pm

DETAIL MAP - 6794909.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 Sensitive Receptors

 National Priority List Sites

 Dept. Defense Sites

0

1/8

1/4

1/2 Miles

 Indian Reservations BIA

 Power transmission lines

 Pipelines

 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: Mount Vernon Multi-Family
 ADDRESS: 17795 Coshocton Avenue
 Mount Vernon OH 43050
 LAT/LONG: 40.408875 / 82.433343

CLIENT: Kimley-Horn
 CONTACT: Justin Williams
 INQUIRY #: 6794909.2s
 DATE: December 20, 2021 3:56 pm

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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
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
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
DERR	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
UNREG LTANKS	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
HIST INST CONTROLS	0.500		0	0	0	NR	NR	0
HIST ENG 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
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
PFAS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	TP	NR	NR	NR	NR	NR	NR	0
SPILLS 90	TP	NR	NR	NR	NR	NR	NR	0
SPILLS 80	TP	NR	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	NR	0
EPA WATCH LIST	TP	NR	NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP	NR	NR	NR	NR	NR	NR	0
TRIS	TP	NR	NR	NR	NR	NR	NR	0
SSTS	TP	NR	NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP	NR	NR	NR	NR	NR	NR	0
RAATS	TP	NR	NR	NR	NR	NR	NR	0
PRP	TP	NR	NR	NR	NR	NR	NR	0
PADS	TP	NR	NR	NR	NR	NR	NR	0
ICIS	TP	NR	NR	NR	NR	NR	NR	0
FTTS	TP	NR	NR	NR	NR	NR	NR	0
MLTS	TP	NR	NR	NR	NR	NR	NR	0
COAL ASH DOE	TP	NR	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	NR	0
RADINFO	TP	NR	NR	NR	NR	NR	NR	0
HIST FTTS	TP	NR	NR	NR	NR	NR	NR	0
DOT OPS	TP	NR	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	NR	0
US AIRS	TP	NR	NR	NR	NR	NR	NR	0
US MINES	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	NR	0
DOCKET HWC	TP	NR	NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	NR	NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP	NR	NR	NR	NR	NR	NR	0
ASBESTOS	TP	NR	NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
CRO	TP	NR	NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP	NR	NR	NR	NR	NR	NR	0
HIST USD	0.500		0	0	0	NR	NR	0
LEAD	TP	NR	NR	NR	NR	NR	NR	0
NPDES	TP	NR	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000	0	0	0	0	NR	0
EDR Hist Auto	0.125	0	NR	NR	NR	NR	0
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	0	0	0	0	0

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.

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1	EPA Region 6
Telephone 617-918-1143	Telephone: 214-655-6659

EPA Region 3	EPA Region 7
Telephone 215-814-5418	Telephone: 913-551-7247

EPA Region 4	EPA Region 8
Telephone 404-562-8033	Telephone: 303-312-6774

EPA Region 5	EPA Region 9
Telephone 312-886-6686	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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/10/2022
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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 known 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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/01/2021
Number of Days to Update: 24	Next Scheduled EDR Contact: 01/24/2022
	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: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	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: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/21/2022
	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: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/06/2022
	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: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/21/2021

Telephone: 202-267-2180

Date Made Active in Reports: 12/15/2021

Last EDR Contact: 12/16/2021

Number of Days to Update: 85

Next Scheduled EDR Contact: 04/04/2022

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

Source: Ohio EPA

Date Data Arrived at EDR: N/A

Telephone: 614-644-2924

Date Made Active in Reports: N/A

Last EDR Contact: 11/29/2021

Number of Days to Update: N/A

Next Scheduled EDR Contact: 02/14/2022

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: 06/25/2021

Source: Ohio EPA

Date Data Arrived at EDR: 08/04/2021

Telephone: 614-644-3538

Date Made Active in Reports: 11/01/2021

Last EDR Contact: 11/03/2021

Number of Days to Update: 89

Next Scheduled EDR Contact: 02/14/2022

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: 07/06/2021

Source: Ohio Environmental Protection Agency

Date Data Arrived at EDR: 07/07/2021

Telephone: 614-644-2621

Date Made Active in Reports: 09/29/2021

Last EDR Contact: 10/04/2021

Number of Days to Update: 84

Next Scheduled EDR Contact: 01/17/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

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: 05/06/2021

Source: Department of Commerce

Date Data Arrived at EDR: 05/07/2021

Telephone: 614-752-8200

Date Made Active in Reports: 05/12/2021

Last EDR Contact: 11/08/2021

Number of Days to Update: 5

Next Scheduled EDR Contact: 02/21/2022

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-6597
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6271
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 04/06/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-7439
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 01/31/2022
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
Source: Department of Commerce
Date Data Arrived at EDR: 08/19/2003
Telephone: 614-752-7938
Date Made Active in Reports: 08/26/2003
Last EDR Contact: 08/01/2003
Number of Days to Update: 7
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: 01/29/2021 Source: FEMA
Date Data Arrived at EDR: 02/17/2021 Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021 Last EDR Contact: 11/01/2021
Number of Days to Update: 33 Next Scheduled EDR Contact: 01/17/2022
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: 08/09/2021
Source: Department of Commerce
Date Data Arrived at EDR: 08/10/2021
Telephone: 614-752-8200
Date Made Active in Reports: 11/04/2021
Last EDR Contact: 11/10/2021
Number of Days to Update: 86
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank site locations in the state.

Date of Government Version: 07/22/2021 Source: Department of Commerce
Date Data Arrived at EDR: 07/23/2021 Telephone: 614-752-7037
Date Made Active in Reports: 10/18/2021 Last EDR Contact: 10/25/2021
Number of Days to Update: 87 Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

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: 04/28/2021 Source: EPA, Region 1
Date Data Arrived at EDR: 06/11/2021 Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021 Last EDR Contact: 11/15/2021
Number of Days to Update: 88 Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 04/06/2021	Source: EPA Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-6136
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6137
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-7591
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	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: 05/27/2021	Source: EPA Region 9
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3368
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/31/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021

Source: EPA Region 4

Date Data Arrived at EDR: 06/22/2021

Telephone: 404-562-9424

Date Made Active in Reports: 09/20/2021

Last EDR Contact: 11/15/2021

Number of Days to Update: 90

Next Scheduled EDR Contact: 01/31/2022

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

Source: Ohio EPA

Date Data Arrived at EDR: 04/06/2006

Telephone: 614-644-2306

Date Made Active in Reports: 05/04/2006

Last EDR Contact: 06/02/2008

Number of Days to Update: 28

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 it will 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

Source: Ohio EPA

Date Data Arrived at EDR: 04/04/2006

Telephone: 614-644-2306

Date Made Active in Reports: 05/04/2006

Last EDR Contact: 06/02/2008

Number of Days to Update: 30

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: 06/25/2021

Source: Ohio EPA

Date Data Arrived at EDR: 08/04/2021

Telephone: 614-644-2306

Date Made Active in Reports: 11/01/2021

Last EDR Contact: 11/04/2021

Number of Days to Update: 89

Next Scheduled EDR Contact: 02/14/2022

Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 06/25/2021

Source: Ohio Environmental Protection Agency

Date Data Arrived at EDR: 08/04/2021

Telephone: 614-644-2306

Date Made Active in Reports: 11/01/2021

Last EDR Contact: 11/04/2021

Number of Days to Update: 89

Next Scheduled EDR Contact: 02/14/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/14/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 06/25/2021	Source: Ohio EPA, Voluntary Action Program
Date Data Arrived at EDR: 08/04/2021	Telephone: 614-728-1298
Date Made Active in Reports: 11/01/2021	Last EDR Contact: 11/04/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	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: 09/07/2021	Source: Ohio EPA
Date Data Arrived at EDR: 09/08/2021	Telephone: 614-644-3748
Date Made Active in Reports: 11/30/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	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: 06/10/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/10/2021	Telephone: 202-566-2777
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/02/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 83

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: No Update Planned

SWRCY: Recycling Facility Listing

A listing of recycling facility locations.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/07/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 5

Source: Ohio EPA
Telephone: 614-728-5357
Last EDR Contact: 10/04/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
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 Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
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: 08/03/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/01/2021
Number of Days to Update: 89

Source: Ohio EPA
Telephone: 614-644-2080
Last EDR Contact: 11/04/2021
Next Scheduled EDR Contact: 02/14/2022
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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

PFAS: PFOA & PFOS Site Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. 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: 03/29/2018
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Ohio EPA
Telephone: 614-644-2752
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

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: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 87

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938
Last EDR Contact: 11/10/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Local Land Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
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: 08/03/2021 Source: Ohio EPA
Date Data Arrived at EDR: 08/04/2021 Telephone: 614-644-2084
Date Made Active in Reports: 11/01/2021 Last EDR Contact: 11/04/2021
Number of Days to Update: 89 Next Scheduled EDR Contact: 02/14/2022
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
Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013
Telephone: N/A
Date Made Active in Reports: 02/27/2013
Last EDR Contact: 01/03/2013
Number of Days to Update: 55
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2021 Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021 Telephone: 312-886-6186
Date Made Active in Reports: 10/12/2021 Last EDR Contact: 12/17/2021
Number of Days to Update: 27 Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021 Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/17/2021 Telephone: 202-528-4285
Date Made Active in Reports: 10/22/2021 Last EDR Contact: 11/16/2021
Number of Days to Update: 66 Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Source: USGS
Date Data Arrived at EDR: 11/10/2006 Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007 Last EDR Contact: 10/15/2021
Number of Days to Update: 62 Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018 Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018 Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019 Last EDR Contact: 10/05/2021
Number of Days to Update: 574 Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017 Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017 Last EDR Contact: 11/08/2021
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/21/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
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: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2021
Next Scheduled EDR Contact: 01/31/2022
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: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 02/14/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

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: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
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: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
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: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 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: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
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 Transportation, 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 Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 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 Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010 Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010 Last EDR Contact: 12/02/2009
Number of Days to Update: 36 Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Source: EPA
Date Data Arrived at EDR: 10/26/2016 Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017 Last EDR Contact: 09/26/2017
Number of Days to Update: 100 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 Source: EPA
Date Data Arrived at EDR: 10/26/2016 Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017 Last EDR Contact: 09/26/2017
Number of Days to Update: 100 Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021 Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 07/01/2021 Telephone: 202-693-9424
Date Made Active in Reports: 09/28/2021 Last EDR Contact: 12/09/2021
Number of Days to Update: 89 Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

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: 08/09/2021 Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 08/24/2021 Telephone: 303-231-5959
Date Made Active in Reports: 11/19/2021 Last EDR Contact: 11/22/2021
Number of Days to Update: 87 Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020 Source: USGS
Date Data Arrived at EDR: 05/27/2020 Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020 Last EDR Contact: 11/22/2021
Number of Days to Update: 78 Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/14/2021
Number of Days to Update: 29

Source: Ohio EPA
Telephone: 614-644-2270
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification Listing

A listing of notifications site locations with abatement and demolition dates.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/26/2021
Date Made Active in Reports: 10/18/2021
Number of Days to Update: 84

Source: Ohio EPA
Telephone: 614-466-3770
Last EDR Contact: 10/27/2021
Next Scheduled EDR Contact: 02/07/2022
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: 10/01/2021
Next Scheduled EDR Contact: 01/17/2022
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: 06/22/2021
Date Data Arrived at EDR: 07/30/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 84

Source: Ohio EPA
Telephone: 614-644-3065
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2021 Source: Ohio EPA
Date Data Arrived at EDR: 09/16/2021 Telephone: 614-644-3469
Date Made Active in Reports: 12/03/2021 Last EDR Contact: 12/15/2021
Number of Days to Update: 78 Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Semi-Annually

Financial Assurance: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/05/2017 Source: Ohio EPA
Date Data Arrived at EDR: 12/08/2017 Telephone: 614-644-2955
Date Made Active in Reports: 01/08/2018 Last EDR Contact: 10/01/2021
Number of Days to Update: 31 Next Scheduled EDR Contact: 01/17/2022
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: 07/09/2021 Source: Ohio EPA
Date Data Arrived at EDR: 07/09/2021 Telephone: 614-644-2621
Date Made Active in Reports: 09/29/2021 Last EDR Contact: 10/18/2021
Number of Days to Update: 82 Next Scheduled EDR Contact: 01/17/2022
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 Source: Ohio EPA
Date Data Arrived at EDR: 04/25/2006 Telephone: 614-644-3749
Date Made Active in Reports: 05/11/2006 Last EDR Contact: 06/02/2008
Number of Days to Update: 16 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: 09/13/2021 Source: Department of Health
Date Data Arrived at EDR: 09/14/2021 Telephone: 614-466-3543
Date Made Active in Reports: 12/06/2021 Last EDR Contact: 12/13/2021
Number of Days to Update: 83 Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

NPDES: NPDES General Permit List

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

Date of Government Version: 08/03/2021 Source: Ohio EPA
Date Data Arrived at EDR: 08/04/2021 Telephone: 614-644-2031
Date Made Active in Reports: 11/03/2021 Last EDR Contact: 11/04/2021
Number of Days to Update: 91 Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/09/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992
Date Data Arrived at EDR: 02/21/2003
Date Made Active in Reports: 03/05/2003
Number of Days to Update: 12

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 02/12/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 09/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 12/10/2021
Number of Days to Update: 38

Source: Ohio EPA
Telephone: 614-644-2752
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
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: 06/15/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/01/2021
Number of Days to Update: 89

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Semi-Annually

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018 Source: USGS
Date Data Arrived at EDR: 10/21/2019 Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019 Last EDR Contact: 11/23/2021
Number of Days to Update: 3 Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Source: EPA
Date Data Arrived at EDR: 01/06/2015 Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015 Last EDR Contact: 09/30/2021
Number of Days to Update: 120 Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A
Number of Days to Update: 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 Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A
Number of Days to Update: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Protection 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: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
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: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
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: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
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: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MOUNT VERNON MULTI-FAMILY
17795 COSHOCTON AVENUE
MOUNT VERNON, OH 43050

TARGET PROPERTY COORDINATES

Latitude (North):	40.408875 - 40° 24' 31.95"
Longitude (West):	82.433343 - 82° 26' 0.03"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	378377.9
UTM Y (Meters):	4473915.5
Elevation:	1184 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 14405633 MOUNT VERNON, OH
Version Date: 2019

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).

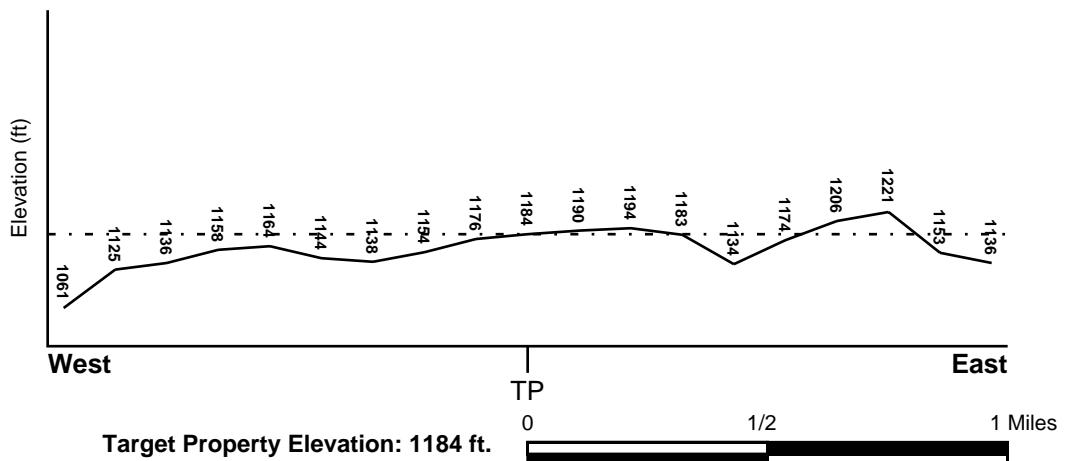
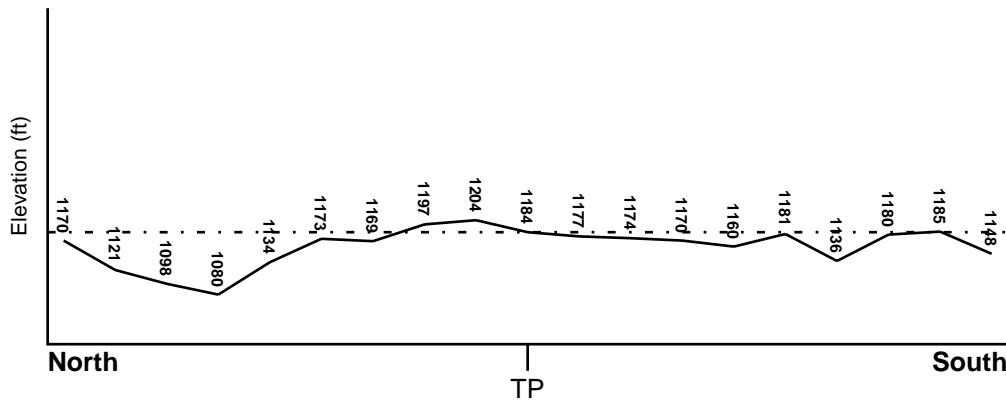
TOPOGRAPHIC INFORMATION

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 WSW

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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
39083C0195D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
39083C0187D	FEMA FIRM Flood data
39083C0189D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic
NOT AVAILABLE	<u>Data Coverage</u>
	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.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	FROM TP	GROUNDWATER FLOW

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

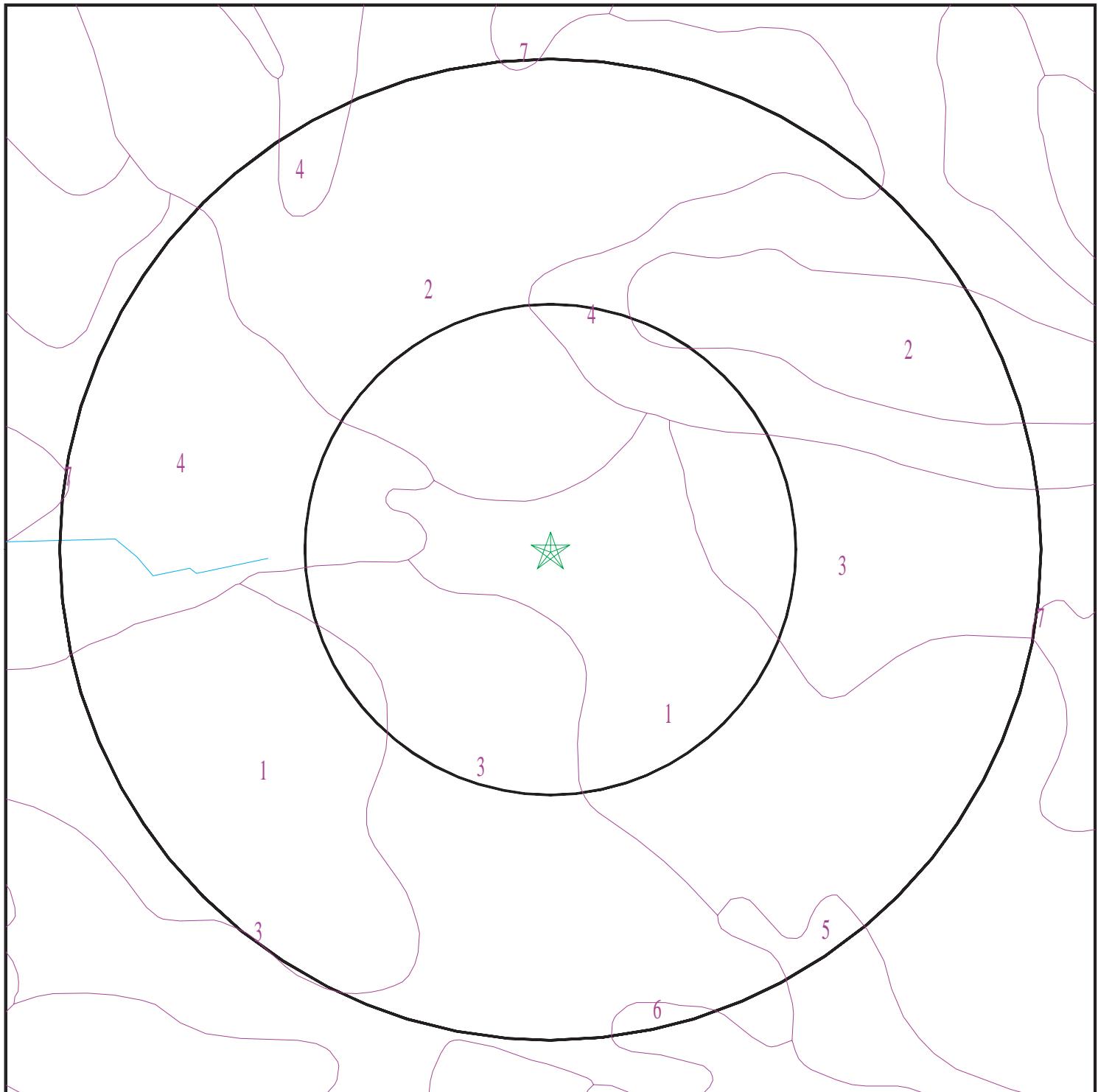
Era: Paleozoic
System: Mississippian
Series: Mississippian
Code: M *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6794909.2s



SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
Mount Vernon OH 43050
LAT/LONG: 40.408875 / 82.433343

CLIENT: Kimley-Horn
CONTACT: Justin Williams
INQUIRY #: 6794909.2s
DATE: December 20, 2021 3:56 pm

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: Homewood

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: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	
2	9 inches	29 inches	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	

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			
3	29 inches	66 inches	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	
4	66 inches	79 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	

Soil Map ID: 2

Soil Component Name: Loudonville
 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: Well drained
 Hydric Status: Unknown
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 77 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	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
2	9 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
3	25 inches	37 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
4	37 inches	38 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	

Soil Map ID: 3

Soil Component Name: Titusville

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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 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	9 inches	silt loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	
2	9 inches	20 inches	silt loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	
3	20 inches	46 inches	loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	
4	46 inches	59 inches	loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	

Soil Map ID: 4

Soil Component Name:	Loudonville
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:	Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
2	9 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
3	25 inches	37 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
4	37 inches	38 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	

Soil Map ID: 5

Soil Component Name: Homewood

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	
2	9 inches	29 inches	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	
3	29 inches	66 inches	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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	
4	66 inches	79 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.41 Min: 0.42	Max: 7.8 Min: 4.5	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: Titusville
 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: Unknown
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 69 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	
2	9 inches	20 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	
3	20 inches	46 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5	

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		
4	46 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. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 6 Min: 4.5

Soil Map ID: 7

Soil Component Name: Loudonville
 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: Well drained
 Hydric Status: Unknown
 Corrosion Potential - Uncoated Steel: Moderate
 Depth to Bedrock Min: > 77 inches
 Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
2	9 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
3	25 inches	37 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	
4	37 inches	38 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:	

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u> <u>FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u> <u>FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
48	OH4234312	1/2 - 1 Mile SE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	OHD800000304199	1/8 - 1/4 Mile ENE
A2	OHD800000432726	1/8 - 1/4 Mile ENE
A3	OHD800000436451	1/8 - 1/4 Mile ENE
A4	OHD800000304197	1/8 - 1/4 Mile ENE
A5	OHD800000304192	1/8 - 1/4 Mile ENE
A6	OHD800000303808	1/8 - 1/4 Mile ENE
A7	OHD800000304193	1/8 - 1/4 Mile ENE
A8	OHD800000304196	1/8 - 1/4 Mile ENE
A9	OHD800000304195	1/8 - 1/4 Mile ENE
B10	OHD800000087438	1/8 - 1/4 Mile WNW
C11	OHD800000086805	1/8 - 1/4 Mile SE
12	OHD800000087741	1/8 - 1/4 Mile SSE
C13	OHD800000086806	1/8 - 1/4 Mile ESE
B14	OHD800000087439	1/8 - 1/4 Mile NW
B15	OHD800000361034	1/8 - 1/4 Mile West
D16	OHD800000363810	1/8 - 1/4 Mile ESE
D17	OHD800000087440	1/8 - 1/4 Mile East
C18	OHD800000417736	1/8 - 1/4 Mile SE
C19	OHD800000086804	1/8 - 1/4 Mile SE
E20	OHD800000426958	1/8 - 1/4 Mile NW
21	OHD800000341306	1/8 - 1/4 Mile South
22	OHD800000086800	1/8 - 1/4 Mile WSW
23	OHD800000086801	1/8 - 1/4 Mile SW
D24	OHD800000341307	1/8 - 1/4 Mile East
25	OHD800000087426	1/4 - 1/2 Mile ESE
E26	OHD800000408304	1/4 - 1/2 Mile NW
27	OHD800000388761	1/4 - 1/2 Mile WNW
F28	OHD800000086807	1/4 - 1/2 Mile East
E29	OHD800000262070	1/4 - 1/2 Mile NW
F30	OHD800000087445	1/4 - 1/2 Mile East
G31	OHD800000303803	1/4 - 1/2 Mile SSE
G32	OHD800000303805	1/4 - 1/2 Mile SSE
F33	OHD800000320334	1/4 - 1/2 Mile ENE
34	OHD800000085931	1/4 - 1/2 Mile SSW
35	OHD800000087429	1/4 - 1/2 Mile NNW
36	OHD800000087431	1/4 - 1/2 Mile NW
F37	OHD800000363814	1/4 - 1/2 Mile East
F38	OHD800000248337	1/4 - 1/2 Mile East
39	OHD800000086803	1/4 - 1/2 Mile South
40	OHD800000416121	1/4 - 1/2 Mile South
H41	OHD800000088532	1/4 - 1/2 Mile North
H42	OHD800000086794	1/4 - 1/2 Mile North
43	OHD800000340845	1/4 - 1/2 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

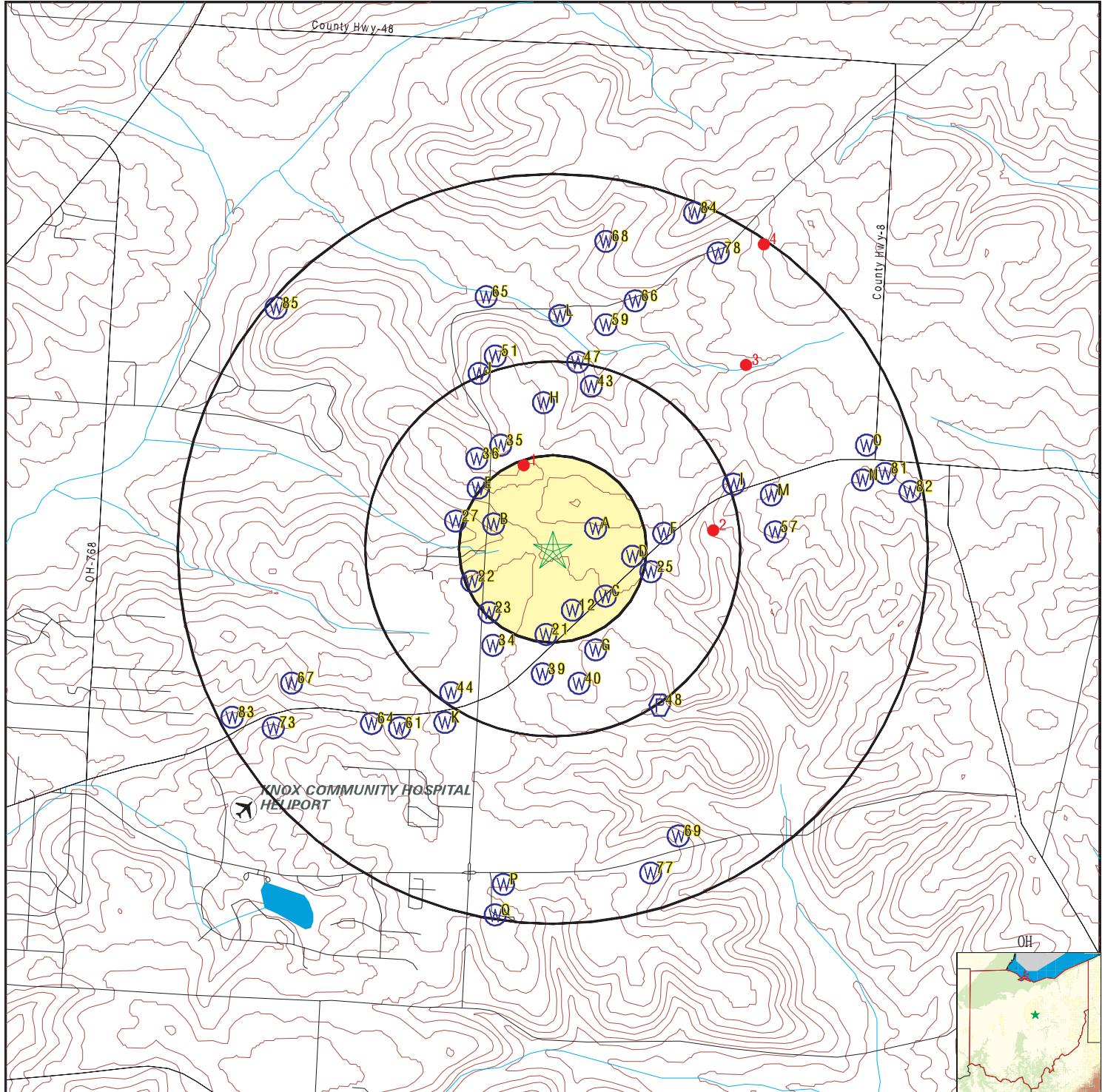
MAP ID	WELL ID	LOCATION FROM TP
44	OHD800000088530	1/4 - 1/2 Mile SW
I45	OHD800000087449	1/4 - 1/2 Mile ENE
J46	OHD800000086795	1/4 - 1/2 Mile NNW
47	OHD800000262346	1/2 - 1 Mile North
I49	OHD800000088070	1/2 - 1 Mile ENE
I50	OHD800000086808	1/2 - 1 Mile ENE
51	OHD800000323398	1/2 - 1 Mile NNW
J52	OHD800000267424	1/2 - 1 Mile NNW
K53	OHD800000313617	1/2 - 1 Mile SSW
K54	OHD800000086799	1/2 - 1 Mile SW
L55	OHD800000087518	1/2 - 1 Mile North
M56	OHD800000281270	1/2 - 1 Mile ENE
57	OHD800000381492	1/2 - 1 Mile East
M58	OHD800000086809	1/2 - 1 Mile ENE
59	OHD800000361419	1/2 - 1 Mile NNE
L60	OHD800000087423	1/2 - 1 Mile North
61	OHD800000087742	1/2 - 1 Mile SW
L62	OHD800000248936	1/2 - 1 Mile North
L63	OHD800000257975	1/2 - 1 Mile North
64	OHD800000341310	1/2 - 1 Mile SW
65	OHD800000087451	1/2 - 1 Mile NNW
66	OHD800000226839	1/2 - 1 Mile NNE
67	OHD800000086798	1/2 - 1 Mile WSW
68	OHD800000086793	1/2 - 1 Mile North
69	OHD800000087151	1/2 - 1 Mile SSE
N70	OHD800000087516	1/2 - 1 Mile ENE
N71	OHD800000087732	1/2 - 1 Mile ENE
O72	OHD800000268960	1/2 - 1 Mile ENE
73	OHD800000263147	1/2 - 1 Mile WSW
O74	OHD800000086810	1/2 - 1 Mile ENE
P75	OHD800000319840	1/2 - 1 Mile South
P76	OHD800000087149	1/2 - 1 Mile South
77	OHD800000270126	1/2 - 1 Mile SSE
78	OHD800000252031	1/2 - 1 Mile NNE
P79	OHD800000087150	1/2 - 1 Mile South
P80	OHD800000310365	1/2 - 1 Mile South
81	OHD800000086811	1/2 - 1 Mile ENE
82	OHD800000088534	1/2 - 1 Mile East
83	OHD800000363812	1/2 - 1 Mile WSW
84	OHD8000000339615	1/2 - 1 Mile NNE
85	OHD800000088525	1/2 - 1 Mile NW
Q86	OHD800000088623	1/2 - 1 Mile South
Q87	OHD800000087428	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	OHOG40000107027	1/8 - 1/4 Mile NNW
2	OHOG40000100730	1/4 - 1/2 Mile East
3	OHOG40000107026	1/2 - 1 Mile NE
4	OHOG40000107030	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 6794909.2s



County Boundary

Major Roads

Contour Lines

Airports

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

SITE NAME: Mount Vernon Multi-Family
 ADDRESS: 17795 Coshocton Avenue
 Mount Vernon OH 43050
 LAT/LONG: 40.408875 / 82.433343

CLIENT: Kimley-Horn
 CONTACT: Justin Williams
 INQUIRY #: 6794909.2s
 DATE: December 20, 2021 3:56 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A1 ENE 1/8 - 1/4 Mile Higher	OH WELLS	OHD800000304199
Database: Water Well Database	Well Log #:	996987
Well Type: Water Well	Drill Type:	ROTARY
Test Type: Not Reported	Well Use:	HTG/COOLING
Aquifer Type: Not Reported	Permit #:	Not Reported
Test Rate: 0	Draw Down:	0
Test Duration: 0	Surface Water Level:	0
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	300
Completion Date: 2005 818	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 0	Well Drilled By:	Not Reported
A2 ENE 1/8 - 1/4 Mile Higher	OH WELLS	OHD800000432726
Database: Water Well Database	Well Log #:	996994
Well Type: Water Well	Drill Type:	ROTARY
Test Type: Not Reported	Well Use:	HTG/COOLING
Aquifer Type: Not Reported	Permit #:	Not Reported
Test Rate: 0	Draw Down:	0
Test Duration: 0	Surface Water Level:	0
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	300
Completion Date: 2005 818	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 0	Well Drilled By:	Not Reported
A3 ENE 1/8 - 1/4 Mile Higher	OH WELLS	OHD800000436451
Database: Water Well Database	Well Log #:	996988
Well Type: Water Well	Drill Type:	ROTARY
Test Type: Not Reported	Well Use:	HTG/COOLING
Aquifer Type: Not Reported	Permit #:	Not Reported
Test Rate: 0	Draw Down:	0
Test Duration: 0	Surface Water Level:	0
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	300
Completion Date: 2005 818	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A4
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000304197**

Database:	Water Well Database	Well Log #:	996990
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A5
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000304192**

Database:	Water Well Database	Well Log #:	996992
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A6
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000303808**

Database:	Water Well Database	Well Log #:	996993
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A7
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000304193**

Database:	Water Well Database	Well Log #:	996991
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A8
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000304196**

Database:	Water Well Database	Well Log #:	996989
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

A9
ENE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000304195**

Database:	Water Well Database	Well Log #:	996997
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	HTG/COOLING

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

B10
WW
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000087438**

Database:	Water Well Database	Well Log #:	174403
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	ROCK	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	0	Surface Water Level:	105
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	163
Completion Date:	1956 721	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1061	Well Drilled By:	Not Reported

C11
SE
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000086805**

Database:	Water Well Database	Well Log #:	227672
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	38
Test Duration:	1	Surface Water Level:	29
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	77
Completion Date:	1959 930	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1151	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

12
SSE
1/8 - 1/4 Mile
Lower

OH WELLS OHD800000087741

Database:	Water Well Database	Well Log #:	179003
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	150
Completion Date:	19561022	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

C13
ESE
1/8 - 1/4 Mile
Higher

OH WELLS OHD800000086806

Database:	Water Well Database	Well Log #:	338445
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	9
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	230
Completion Date:	1969 612	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

B14
NW
1/8 - 1/4 Mile
Higher

OH WELLS OHD800000087439

Database:	Water Well Database	Well Log #:	174405
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	ROCK	Permit #:	Not Reported
Test Rate:	10	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	163
Completion Date:	1956 9 3	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

B15
West
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000361034**

Database:	Water Well Database	Well Log #:	2018157
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	OTHER
Aquifer Type:	SHALE	Permit #:	NON-POTABL
Test Rate:	50	Draw Down:	0
Test Duration:	2	Surface Water Level:	80
Date Measured:	2008 8 6	Casing Height:	1
Screen Length:	0	Total Depth:	240
Completion Date:	2008 8 6	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	10	Pump Installed By:	KEEN WELL AND PUMP
Water Level Elevation:	0	Well Drilled By:	Not Reported

D16
ESE
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000363810**

Database:	Water Well Database	Well Log #:	612571
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	STONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	120
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	205
Completion Date:	198110 4	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1061	Well Drilled By:	Not Reported

D17
East
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000087440**

Database:	Water Well Database	Well Log #:	141453
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	24
Test Duration:	0	Surface Water Level:	130
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	176
Completion Date:	1955 628	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1055	Well Drilled By:	Not Reported

C18
SE
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000417736**

Database:	Water Well Database	Well Log #:	615860
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	120
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	220
Completion Date:	1982 220	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1051	Well Drilled By:	Not Reported

C19
SE
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000086804**

Database:	Water Well Database	Well Log #:	615866
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	0
Test Duration:	2	Surface Water Level:	120
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	220
Completion Date:	1982 222	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1050	Well Drilled By:	Not Reported

E20
NW
1/8 - 1/4 Mile
Higher

OH WELLS **OHD800000426958**

Database:	Water Well Database	Well Log #:	2050096
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	SANDSTONE	Permit #:	2014-63
Test Rate:	20	Draw Down:	15
Test Duration:	1	Surface Water Level:	120
Date Measured:	201411 5	Casing Height:	2
Screen Length:	0	Total Depth:	200
Completion Date:	20141118	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	10	Pump Installed By:	JAMISON WELL DRILLING
Water Level Elevation:	0	Well Drilled By:	Not Reported

21
South
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000341306**

Database:	Water Well Database	Well Log #:	543064
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	18
Test Duration:	1	Surface Water Level:	112
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	203
Completion Date:	1979 625	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1061	Well Drilled By:	Not Reported

22
WSW
1/8 - 1/4 Mile
Lower

OH WELLS **OHD800000086800**

Database:	Water Well Database	Well Log #:	331470
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	5
Test Duration:	1	Surface Water Level:	140
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	195
Completion Date:	1965 726	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1040	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
23 SW 1/8 - 1/4 Mile Lower	OH WELLS	OHD800000086801
Database: Water Well Database	Well Log #:	668600
Well Type: Water Well	Drill Type:	ROTARY
Test Type: Not Reported	Well Use:	DOMESTIC
Aquifer Type: SANDSTONE	Permit #:	Not Reported
Test Rate: 15	Draw Down:	0
Test Duration: 1	Surface Water Level:	150
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	200
Completion Date: 1987 824	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 1030	Well Drilled By:	Not Reported
D24 East 1/8 - 1/4 Mile Higher	OH WELLS	OHD800000341307
Database: Water Well Database	Well Log #:	375501
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: INJUN SANDSTONE	Permit #:	Not Reported
Test Rate: 12	Draw Down:	11
Test Duration: 1	Surface Water Level:	132
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	290
Completion Date: 1968 5 6	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 1057	Well Drilled By:	Not Reported
25 ESE 1/4 - 1/2 Mile Lower	OH WELLS	OHD800000087426
Database: Water Well Database	Well Log #:	141454
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: SHALE	Permit #:	Not Reported
Test Rate: 0	Draw Down:	22
Test Duration: 0	Surface Water Level:	41
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	135
Completion Date: 1955 7 2	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1130	Well Drilled By:	Not Reported

E26
NW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000408304**

Database:	Water Well Database	Well Log #:	2045338
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	2013-035
Test Rate:	15	Draw Down:	0
Test Duration:	2	Surface Water Level:	100
Date Measured:	201311 1	Casing Height:	1
Screen Length:	0	Total Depth:	240
Completion Date:	201311 1	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	TO BE INSTALLED AT A LATER DATE
Water Level Elevation:	0	Well Drilled By:	Not Reported

27
WNW
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000388761**

Database:	Water Well Database	Well Log #:	2037591
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	2012-027
Test Rate:	40	Draw Down:	0
Test Duration:	2	Surface Water Level:	95
Date Measured:	2012 515	Casing Height:	1
Screen Length:	0	Total Depth:	240
Completion Date:	2012 516	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	10	Pump Installed By:	KEEN WELL AND PUMP
Water Level Elevation:	0	Well Drilled By:	Not Reported

F28
East
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000086807**

Database:	Water Well Database	Well Log #:	680011
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	100
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	200
Completion Date:	1988 311	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1095	Well Drilled By:	Not Reported

E29
NW
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000262070**

Database:	Water Well Database	Well Log #:	45461
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND	Permit #:	Not Reported
Test Rate:	8	Draw Down:	9
Test Duration:	1	Surface Water Level:	150
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	210
Completion Date:	1948 4 2	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

F30
East
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000087445**

Database:	Water Well Database	Well Log #:	172685
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	32
Test Duration:	1	Surface Water Level:	120
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	180
Completion Date:	19561128	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1076	Well Drilled By:	Not Reported

G31
SSE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000303803**

Database:	Water Well Database	Well Log #:	996996
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	HTG/COOLING

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

G32
SSE
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000303805**

Database:	Water Well Database	Well Log #:	996995
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	HTG/COOLING
Aquifer Type:	Not Reported	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	300
Completion Date:	2005 818	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

F33
ENE
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000320334**

Database:	Water Well Database	Well Log #:	284319
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	14	Draw Down:	50
Test Duration:	.3	Surface Water Level:	148
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	275
Completion Date:	1963 926	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1052	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

34
SSW
1/4 - 1/2 Mile
Lower

Database:	Water Well Database	Well Log #:	412363
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	72	Draw Down:	54
Test Duration:	24	Surface Water Level:	141
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	330
Completion Date:	1971 430	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1039	Well Drilled By:	Not Reported

OH WELLS OHD800000085931

35
NNW
1/4 - 1/2 Mile
Lower

OH WELLS OHD800000087429

Database:	Water Well Database	Well Log #:	131625
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	27
Test Duration:	1	Surface Water Level:	155
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	213
Completion Date:	195410 4	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1018	Well Drilled By:	Not Reported

36
NW
1/4 - 1/2 Mile
Higher

OH WELLS OHD800000087431

Database:	Water Well Database	Well Log #:	179009
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	234
Completion Date:	1957 6 7	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

F37
East
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000363814**

Database:	Water Well Database	Well Log #:	141477
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	39
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	89
Completion Date:	1956 6 8	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1141	Well Drilled By:	Not Reported

F38
East
1/4 - 1/2 Mile
Higher

OH WELLS **OHD800000248337**

Database:	Water Well Database	Well Log #:	911042
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	OLD WELL	Permit #:	150-00
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	225
Completion Date:	2000 726	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

39
South
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000086803**

Database:	Water Well Database	Well Log #:	699879
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	18	Draw Down:	25
Test Duration:	2	Surface Water Level:	12
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	200
Completion Date:	1989 823	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1155	Well Drilled By:	Not Reported

40
South
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000416121**

Database:	Water Well Database	Well Log #:	203443
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	16	Draw Down:	26
Test Duration:	1	Surface Water Level:	112
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	223
Completion Date:	195811 1	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1048	Well Drilled By:	Not Reported

H41
North
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000088532**

Database:	Water Well Database	Well Log #:	75050
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	8	Draw Down:	15
Test Duration:	1	Surface Water Level:	143
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	185
Completion Date:	1951 220	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

H42
North
1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000086794**

Database:	Water Well Database	Well Log #:	679181
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	160
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	260
Completion Date:	1989 428	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1020	Well Drilled By:	Not Reported

43
NNE
 1/4 - 1/2 Mile
Lower

OH WELLS **OHD800000340845**

Database:	Water Well Database	Well Log #:	656403
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	20
Test Duration:	2	Surface Water Level:	66
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	120
Completion Date:	1986 5 5	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1048	Well Drilled By:	Not Reported

44
SW
 1/4 - 1/2 Mile
Higher

OH WELLS **OHD80000088530**

Database:	Water Well Database	Well Log #:	32308
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	60
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	123
Completion Date:	1945 616	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
I45 ENE 1/4 - 1/2 Mile Lower	OH WELLS	OHD800000087449
Database: Water Well Database	Well Log #:	172667
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: SANDSTONE	Permit #:	Not Reported
Test Rate: 12	Draw Down:	40
Test Duration: 1	Surface Water Level:	125
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	184
Completion Date: 1956 818	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 1040	Well Drilled By:	Not Reported
J46 NNW 1/4 - 1/2 Mile Lower	OH WELLS	OHD800000086795
Database: Water Well Database	Well Log #:	443526
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: SANDSTONE	Permit #:	Not Reported
Test Rate: 15	Draw Down:	15
Test Duration: .5	Surface Water Level:	115
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	175
Completion Date: 1973 620	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 1041	Well Drilled By:	Not Reported
47 North 1/2 - 1 Mile Lower	OH WELLS	OHD800000262346
Database: Water Well Database	Well Log #:	75042
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: SANDSTONE	Permit #:	Not Reported
Test Rate: 8	Draw Down:	12
Test Duration: 1	Surface Water Level:	155
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	213
Completion Date: 19501025	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

48
SE
1/2 - 1 Mile
Lower

FRDS PWS OH4234312

Epa region:	05	State:	OH
Pwsid:	OH4234312	Pwsname:	KNOX COUNTY SERVICE CENTER
Cityserved:	Not Reported	Stateserved:	OH
Zipservd:	Not Reported	Fipscounty:	39083
Status:	Closed	Retpopsrvd:	75
Pwssvcconn:	2	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Local_Govt
Contact:	KNOX COUNTY SERVICE CENTER		
Contactorgname:	Not Reported	Contactphone:	614-397-7177
Contactaddress1:	Not Reported	Contactaddress2:	17604 COSHOCTON ROAD
Contactcity:	MOUNT VERNON	Contactstate:	OH
Contactzip:	43050	Pwsactivitycode:	I
PWS ID:	OH4234312	PWS type:	System Owner/Responsible Party
PWS name:	KNOX COUNTY SERVICE CENTER-KNO		
PWS address:	Not Reported	PWS city:	MOUNT VERNON
PWS state:	OH	PWS zip:	43050
PWS ID:	OH4234312	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000075	System name:	KNOX COUNTY SERVICE CENTER
System address:	Not Reported	System address:	17604 COSHOCTON ROAD
System city:	MOUNT VERNON	System state:	OH
System zip:	43050		
County FIPS:	042	City served:	MONROE TOWNSHIP
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	402410	Longitude:	0822541

I49
ENE
1/2 - 1 Mile
Lower

OH WELLS OHD800000088070

Database:	Water Well Database	Well Log #:	729068
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	165
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	220
Completion Date:	1991 820	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I50
ENE
1/2 - 1 Mile
Lower

Database:	Water Well Database	Well Log #:	311830
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	18
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	240
Completion Date:	1965 122	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1156	Well Drilled By:	Not Reported

OH WELLS OHD800000086808

51
NNW
1/2 - 1 Mile
Lower

OH WELLS OHD800000323398

Database:	Water Well Database	Well Log #:	2005110
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	2006-137
Test Rate:	20	Draw Down:	0
Test Duration:	2	Surface Water Level:	80
Date Measured:	2006 912	Casing Height:	0
Screen Length:	0	Total Depth:	180
Completion Date:	2006 912	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	10	Pump Installed By:	KEEN WELL AND PUMP
Water Level Elevation:	0	Well Drilled By:	Not Reported

J52
NNW
1/2 - 1 Mile
Lower

OH WELLS OHD800000267424

Database:	Water Well Database	Well Log #:	959755
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	035-03
Test Rate:	20	Draw Down:	0
Test Duration:	1	Surface Water Level:	80
Date Measured:	2003 4 4	Casing Height:	1
Screen Length:	0	Total Depth:	200
Completion Date:	2003 4 4	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

K53
SSW
1/2 - 1 Mile
Higher

OH WELLS **OHD800000313617**

Database:	Water Well Database	Well Log #:	124528
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	140
Completion Date:	1955 9 9	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

K54
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD800000086799**

Database:	Water Well Database	Well Log #:	217306
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	137
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	205
Completion Date:	1959 7 2	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1043	Well Drilled By:	Not Reported

L55
North
1/2 - 1 Mile
Lower

OH WELLS **OHD800000087518**

Database:	Water Well Database	Well Log #:	45468
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SAND	Permit #:	Not Reported
Test Rate:	10	Draw Down:	13
Test Duration:	1	Surface Water Level:	33
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	80
Completion Date:	1948 511	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

M56
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000281270**

Database:	Water Well Database	Well Log #:	966120
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	122-03
Test Rate:	20	Draw Down:	0
Test Duration:	1	Surface Water Level:	100
Date Measured:	200310 8	Casing Height:	1
Screen Length:	0	Total Depth:	220
Completion Date:	200310 8	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

57
East
1/2 - 1 Mile
Higher

OH WELLS **OHD800000381492**

Database:	Water Well Database	Well Log #:	2014264
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	2007-161
Test Rate:	15	Draw Down:	0
Test Duration:	2	Surface Water Level:	75
Date Measured:	20071130	Casing Height:	1
Screen Length:	0	Total Depth:	220
Completion Date:	20071130	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	10	Pump Installed By:	KEEN WELL AND PUMP
Water Level Elevation:	0	Well Drilled By:	Not Reported

M58
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000086809**

Database:	Water Well Database	Well Log #:	387037
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	24
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	265
Completion Date:	19711216	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

59
 NNE
 1/2 - 1 Mile
 Lower

OH WELLS OHD800000361419

Database:	Water Well Database	Well Log #:	62251
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	ROCK	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	80
Completion Date:	1949 614	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

L60
 North
 1/2 - 1 Mile
 Lower

OH WELLS OHD800000087423

Database:	Water Well Database	Well Log #:	203445
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	25	Draw Down:	11
Test Duration:	1	Surface Water Level:	38
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	90
Completion Date:	195811 1	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1042	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
61 SW 1/2 - 1 Mile Lower	OH WELLS	OHD800000087742
Database: Water Well Database	Well Log #:	124525
Well Type: Water Well	Drill Type:	Not Reported
Test Type: Not Reported	Well Use:	Not Reported
Aquifer Type: SHALE	Permit #:	Not Reported
Test Rate: 0	Draw Down:	0
Test Duration: 0	Surface Water Level:	0
Date Measured: 0	Casing Height:	0
Screen Length: 0	Total Depth:	135
Completion Date: 1955 820	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 0	Well Drilled By:	Not Reported
L62 North 1/2 - 1 Mile Lower	OH WELLS	OHD800000248936
Database: Water Well Database	Well Log #:	911116
Well Type: Water Well	Drill Type:	CABLE TOOL
Test Type: Bailing	Well Use:	DOMESTIC
Aquifer Type: SHALE	Permit #:	18401
Test Rate: 20	Draw Down:	0
Test Duration: 1	Surface Water Level:	120
Date Measured: 200111 4	Casing Height:	1
Screen Length: 0	Total Depth:	200
Completion Date: 200111 4	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported
Screen Material: Not Reported	Pump Type:	Not Reported
Pump Capacity: 0	Pump Installed By:	Not Reported
Water Level Elevation: 0	Well Drilled By:	Not Reported
L63 North 1/2 - 1 Mile Lower	OH WELLS	OHD800000257975
Database: Water Well Database	Well Log #:	946448
Well Type: Water Well	Drill Type:	ROTARY
Test Type: Air	Well Use:	DOMESTIC
Aquifer Type: CLAY & SHALE	Permit #:	12802
Test Rate: 25	Draw Down:	0
Test Duration: 1	Surface Water Level:	27
Date Measured: 2002 710	Casing Height:	2
Screen Length: 0	Total Depth:	98
Completion Date: 2002 710	Depth to Bedrock:	0
Drill Year: Not Reported	Well Seal Rpt #:	0
Screen Diameter: 0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

64
SW
1/2 - 1 Mile
Lower

OH WELLS **OHD800000341310**

Database:	Water Well Database	Well Log #:	449300
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	STONE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	5
Test Duration:	1	Surface Water Level:	40
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	177
Completion Date:	197312 5	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1096	Well Drilled By:	Not Reported

65
NNW
1/2 - 1 Mile
Lower

OH WELLS **OHD800000087451**

Database:	Water Well Database	Well Log #:	124515
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	210
Completion Date:	1955 330	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

66
NNE
1/2 - 1 Mile
Lower

OH WELLS **OHD800000226839**

Database:	Water Well Database	Well Log #:	886422
Well Type:	Water Well	Drill Type:	CABLE TOOL
Test Type:	Bailing	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	58-00
Test Rate:	10	Draw Down:	0
Test Duration:	1	Surface Water Level:	65
Date Measured:	2000 413	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	170
Completion Date:	2000 410	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

67
WSW
1/2 - 1 Mile
Lower

OH WELLS **OHD800000086798**

Database:	Water Well Database	Well Log #:	313712
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	2
Test Duration:	.5	Surface Water Level:	90
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	142
Completion Date:	1964 731	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1050	Well Drilled By:	Not Reported

68
North
1/2 - 1 Mile
Lower

OH WELLS **OHD800000086793**

Database:	Water Well Database	Well Log #:	311813
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	16
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	180
Completion Date:	1964 8 6	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

69
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD800000087151**

Database:	Water Well Database	Well Log #:	263344
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	15
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	213
Completion Date:	1964 110	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

N70
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000087516**

Database:	Water Well Database	Well Log #:	32305
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	20
Test Duration:	0	Surface Water Level:	50
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	232
Completion Date:	1948 1 6	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

N71
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000087732**

Database:	Water Well Database	Well Log #:	79692
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	26
Test Duration:	0	Surface Water Level:	154
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	228
Completion Date:	19521125	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1046	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

072
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000268960**

Database:	Water Well Database	Well Log #:	79655
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	6	Draw Down:	0
Test Duration:	0	Surface Water Level:	95
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	138
Completion Date:	0	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1105	Well Drilled By:	Not Reported

73
WSW
1/2 - 1 Mile
Lower

OH WELLS **OHD800000263147**

Database:	Water Well Database	Well Log #:	124524
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	170
Completion Date:	1955 820	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

074
ENE
1/2 - 1 Mile
Higher

OH WELLS **OHD800000086810**

Database:	Water Well Database	Well Log #:	311812
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	0	Draw Down:	14
Test Duration:	0	Surface Water Level:	0
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	254
Completion Date:	1964 730	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

P75
South
1/2 - 1 Mile
Lower

OH WELLS **OHD800000319840**

Database:	Water Well Database	Well Log #:	621105
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	BIG INJUN SANDSTONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	0
Test Duration:	1	Surface Water Level:	100
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	229
Completion Date:	1983 127	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1080	Well Drilled By:	Not Reported

P76
South
1/2 - 1 Mile
Lower

OH WELLS **OHD800000087149**

Database:	Water Well Database	Well Log #:	608715
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	STONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	0
Test Duration:	1	Surface Water Level:	99
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	229
Completion Date:	1983 127	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1081	Well Drilled By:	Not Reported

77
SSE
1/2 - 1 Mile
Lower

OH WELLS **OHD800000270126**

Database:	Water Well Database	Well Log #:	111585
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	7	Draw Down:	30
Test Duration:	2	Surface Water Level:	100
Date Measured:	0	Casing Height:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Length:	0	Total Depth:	167
Completion Date:	1958 1 7	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1062	Well Drilled By:	Not Reported

78
NNE
1/2 - 1 Mile
Lower

OH WELLS **OHD800000252031**

Database:	Water Well Database	Well Log #:	946952
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	7302
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	50
Date Measured:	2002 523	Casing Height:	0
Screen Length:	0	Total Depth:	165
Completion Date:	2002 523	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

P79
South
1/2 - 1 Mile
Lower

OH WELLS **OHD800000087150**

Database:	Water Well Database	Well Log #:	680031
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	0
Test Duration:	1	Surface Water Level:	150
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	220
Completion Date:	1988 420	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1030	Well Drilled By:	Not Reported

P80
South
1/2 - 1 Mile
Lower

OH WELLS **OHD800000310365**

Database:	Water Well Database	Well Log #:	111580
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	12
Test Duration:	1.5	Surface Water Level:	23
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	47
Completion Date:	195710 2	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1157	Well Drilled By:	Not Reported

81
 ENE
 1/2 - 1 Mile
 Higher

OH WELLS **OHD800000086811**

Database:	Water Well Database	Well Log #:	608705
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	10	Draw Down:	0
Test Duration:	1	Surface Water Level:	170
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	50
Completion Date:	19821126	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1030	Well Drilled By:	Not Reported

82
 East
 1/2 - 1 Mile
 Higher

OH WELLS **OHD800000088534**

Database:	Water Well Database	Well Log #:	79680
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	5	Draw Down:	63
Test Duration:	0	Surface Water Level:	64
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	135
Completion Date:	195110 2	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

83
WSW
1/2 - 1 Mile
Lower

Database:	Water Well Database	Well Log #:	131608
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	13	Draw Down:	21
Test Duration:	1	Surface Water Level:	110
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	186
Completion Date:	1954 713	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	970	Well Drilled By:	Not Reported

OH WELLS OHD800000363812

84
NNE
1/2 - 1 Mile
Higher

OH WELLS OHD800000339615

Database:	Water Well Database	Well Log #:	2010550
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Air	Well Use:	DOMESTIC
Aquifer Type:	SHALE	Permit #:	2007-035
Test Rate:	23	Draw Down:	0
Test Duration:	1	Surface Water Level:	140
Date Measured:	2007 611	Casing Height:	1.5
Screen Length:	0	Total Depth:	258
Completion Date:	2007 611	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	SUBMERSIBLE
Pump Capacity:	12	Pump Installed By:	JACKSON & SONS DRILLING & PUMP, INC
Water Level Elevation:	0	Well Drilled By:	Not Reported

85
NW
1/2 - 1 Mile
Lower

OH WELLS OHD800000088525

Database:	Water Well Database	Well Log #:	11621
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:	0	Draw Down:	0
Test Duration:	0	Surface Water Level:	233
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	264
Completion Date:	194912 3	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

Q86
South
1/2 - 1 Mile
Lower

OH WELLS OHD800000088623

Database:	Water Well Database	Well Log #:	797442
Well Type:	Water Well	Drill Type:	ROTARY
Test Type:	Not Reported	Well Use:	DOMESTIC
Aquifer Type:	SANDSTONE	Permit #:	Not Reported
Test Rate:	12	Draw Down:	0
Test Duration:	1	Surface Water Level:	120
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	220
Completion Date:	1995 515	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	0	Well Drilled By:	Not Reported

Q87
South
1/2 - 1 Mile
Lower

OH WELLS OHD800000087428

Database:	Water Well Database	Well Log #:	172686
Well Type:	Water Well	Drill Type:	Not Reported
Test Type:	Not Reported	Well Use:	Not Reported
Aquifer Type:	SHALE	Permit #:	Not Reported
Test Rate:	15	Draw Down:	25
Test Duration:	1	Surface Water Level:	97
Date Measured:	0	Casing Height:	0
Screen Length:	0	Total Depth:	199
Completion Date:	195612 6	Depth to Bedrock:	0
Drill Year:	Not Reported	Well Seal Rpt #:	0
Screen Diameter:	0	Screen Type:	Not Reported
Screen Material:	Not Reported	Pump Type:	Not Reported
Pump Capacity:	0	Pump Installed By:	Not Reported
Water Level Elevation:	1083	Well Drilled By:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance	Database	EDR ID Number
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1 NNW 1/8 - 1/4 Mile	OIL_GAS	OHOG40000107027	
API Permit #:	34083617900000	API Well Hole #:	61790
Well Permit #:	1790	Well #:	1
Alt Well #:	-4-55	Owner #:	9998
Well Status:	Plugged and Abandoned	Date Status Changed:	12-SEP-06
Well Type:	Oil & Gas	Well Name:	BARNARD ISABELLE 1
Const Permit Approved:	Not Reported	Well Completion:	Not Reported
Completion Date:	14-DEC-37	SPUD Date:	Not Reported
Date TD Reached:	14-DEC-37	Plugged/Abandoned Date:	Not Reported
Original SPUD Date:	Not Reported	Lease Name:	BARNARD ISABELLE
Operator Well #:	Not Reported	Oil Field #:	Not Reported
Surface Owner:	Not Reported	Total Depth:	2614
ODNR Current Class:	Not Reported	Init Production-Oil:	Not Reported
Init Production-Gas:	Not Reported	Init Production-Brine:	Not Reported
Original Owner:	H.E. PERKINS	EPA Permit:	Not Reported
Fed Lease:	Not Reported	Lease #:	Not Reported
Original Lease #:	Not Reported	First Prod Date:	Not Reported
1st Producing Formation:	Not Reported	2nd Producing Formation:	Not Reported
Comments:	QUAD=GAMBIER I.P. NAT. DRY.		

2 East 1/4 - 1/2 Mile	OIL_GAS	OHOG40000100730	
API Permit #:	34083200460000	API Well Hole #:	20046
Well Permit #:	0046	Well #:	1
Alt Well #:	Not Reported	Owner #:	9998
Well Status:	Plugged and Abandoned	Date Status Changed:	12-SEP-06
Well Type:	Oil & Gas	Well Name:	PATTERSON JENNIE
Const Permit Approved:	Not Reported	Well Completion:	Not Reported
Completion Date:	21-FEB-35	SPUD Date:	Not Reported
Date TD Reached:	21-FEB-35	Plugged/Abandoned Date:	Not Reported
Original SPUD Date:	Not Reported	Lease Name:	PATTERSON JENNIE
Operator Well #:	Not Reported	Oil Field #:	Not Reported
Surface Owner:	Not Reported	Total Depth:	2602
ODNR Current Class:	Not Reported	Init Production-Oil:	Not Reported
Init Production-Gas:	Not Reported	Init Production-Brine:	Not Reported
Original Owner:	PERKINS	EPA Permit:	Not Reported
Fed Lease:	Not Reported	Lease #:	Not Reported
Original Lease #:	Not Reported	First Prod Date:	Not Reported
1st Producing Formation:	Not Reported	2nd Producing Formation:	Not Reported
Comments:	QUAD=GAMBIER IPN. DRY FDT=WH.		

3 NE 1/2 - 1 Mile	OIL_GAS	OHOG40000107026	
API Permit #:	34083617890000	API Well Hole #:	61789
Well Permit #:	1789	Well #:	1
Alt Well #:	-4-5	Owner #:	9998
Well Status:	Plugged and Abandoned	Date Status Changed:	12-SEP-06

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	Oil & Gas	Well Name:	TURNEY C L 1
Const Permit Approved:	Not Reported	Well Completion:	Not Reported
Completion Date:	16-JUN-21	SPUD Date:	Not Reported
Date TD Reached:	16-JUN-21	Plugged/Abandoned Date:	16-JUN-21
Original SPUD Date:	Not Reported	Lease Name:	TURNEY C L
Operator Well #:	3445-S	Oil Field #:	Not Reported
Surface Owner:	Not Reported	Total Depth:	2655
ODNR Current Class:	Not Reported	Init Production-Oil:	Not Reported
Init Production-Gas:	Not Reported	Init Production-Brine:	Not Reported
Original Owner:	O. F. G. CO.	EPA Permit:	Not Reported
Fed Lease:	Not Reported	Lease #:	Not Reported
Original Lease #:	Not Reported	First Prod Date:	Not Reported
1st Producing Formation:	Not Reported	2nd Producing Formation:	Not Reported
Comments:	QUAD=GAMBIER I.P. NAT. DRY.		

4

NE
1/2 - 1 Mile

OIL_GAS OHOG40000107030

API Permit #:	34083617940000	API Well Hole #:	61794
Well Permit #:	1794	Well #:	1
Alt Well #:	Not Reported	Owner #:	9998
Well Status:	Historical Production Well		
Date Status Changed:	12-SEP-06	Well Type:	Oil & Gas
Well Name:	TUCKER CARL	Const Permit Approved:	Not Reported
Well Completion:	Not Reported	Completion Date:	29-JAN-34
SPUD Date:	Not Reported	Date TD Reached:	29-JAN-34
Plugged/Abandoned Date:	Not Reported	Original SPUD Date:	Not Reported
Lease Name:	TUCKER CARL	Operator Well #:	Not Reported
Oil Field #:	Not Reported	Surface Owner:	Not Reported
Total Depth:	2633	ODNR Current Class:	Not Reported
Init Production-Oil:	Not Reported	Init Production-Gas:	300
Init Production-Brine:	Not Reported	Original Owner:	H. E. PERKINS
EPA Permit:	Not Reported	Fed Lease:	Not Reported
Lease #:	Not Reported	Original Lease #:	Not Reported
First Prod Date:	Not Reported	1st Producing Formation:	357170
2nd Producing Formation:	Not Reported		
Comments:	QUAD=GAMBIER		

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
43050	1380	742.7	0	13.87	5.27

Federal EPA Radon Zone for KNOX 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: 43050

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	8.600 pCi/L	0%	100%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	8.786 pCi/L	43%	43%	14%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Public Water System Data

Source: Ohio Environmental Protection Agency

Telephone: 614-644-2752

The database includes community, transient 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.

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 States Geological Survey

STREET AND ADDRESS INFORMATION

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Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix C

Standard Historic Records

Mount Vernon Multi-Family
17795 Coshocton Avenue
Mount Vernon, OH 43050

Inquiry Number: 6794909.3

December 20, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

12/20/21

Site Name:

Mount Vernon Multi-Family
17795 Coshocton Avenue
Mount Vernon, OH 43050
EDR Inquiry # 6794909.3

Client Name:

Kimley-Horn
7965 North High Street, Suite 200
Columbus, OH 43235
Contact: Justin Williams



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kimley-Horn 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 # 8667-46F7-A149

PO # NA

Project 190066008.1.002



Sanborn® Library search results

Certification #: 8667-46F7-A149

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.

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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Mount Vernon Multi-Family

17795 Coshocton Avenue

Mount Vernon, OH 43050

Inquiry Number: 6794909.8

December 23, 2021

The EDR Aerial Photo Decade Package



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

Site Name:

Mount Vernon Multi-Family
 17795 Coshocton Avenue
 Mount Vernon, OH 43050
 EDR Inquiry # 6794909.8

Client Name:

Kimley-Horn
 7965 North High Street, Suite 200
 Columbus, OH 43235
 Contact: Justin Williams



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:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2000	1"=750'	Flight Date: October 10, 2000	USGS
1994	1"=500'	Acquisition Date: April 22, 1994	USGS/DOQQ
1988	1"=750'	Flight Date: April 12, 1988	USGS
1981	1"=500'	Flight Date: April 18, 1981	USDA
1974	1"=500'	Flight Date: May 01, 1974	USGS
1960	1"=500'	Flight Date: April 12, 1960	USGS
1959	1"=1000'	Flight Date: October 29, 1959	USGS

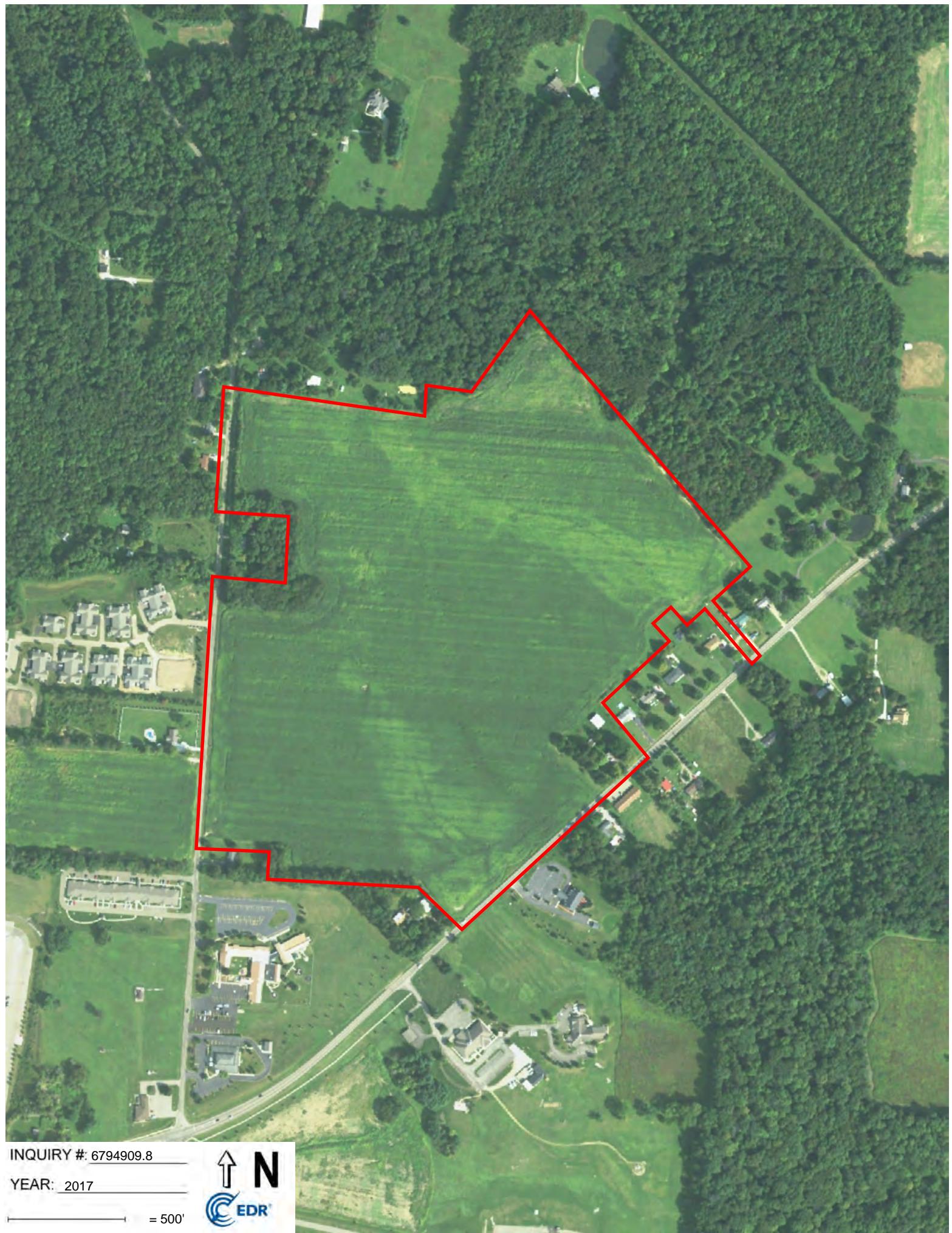
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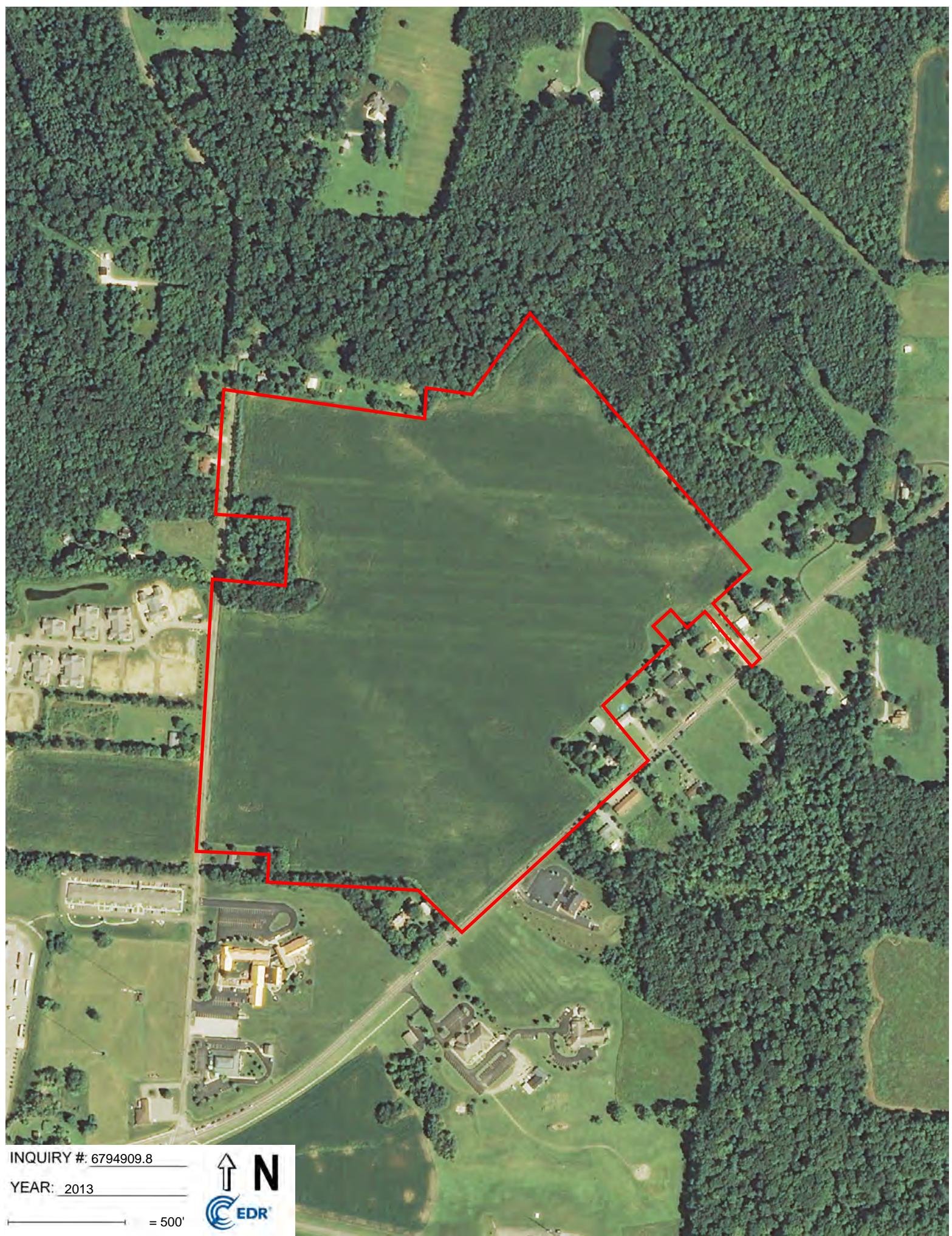


INQUIRY #: 6794909.8

YEAR: 2017

= 500'



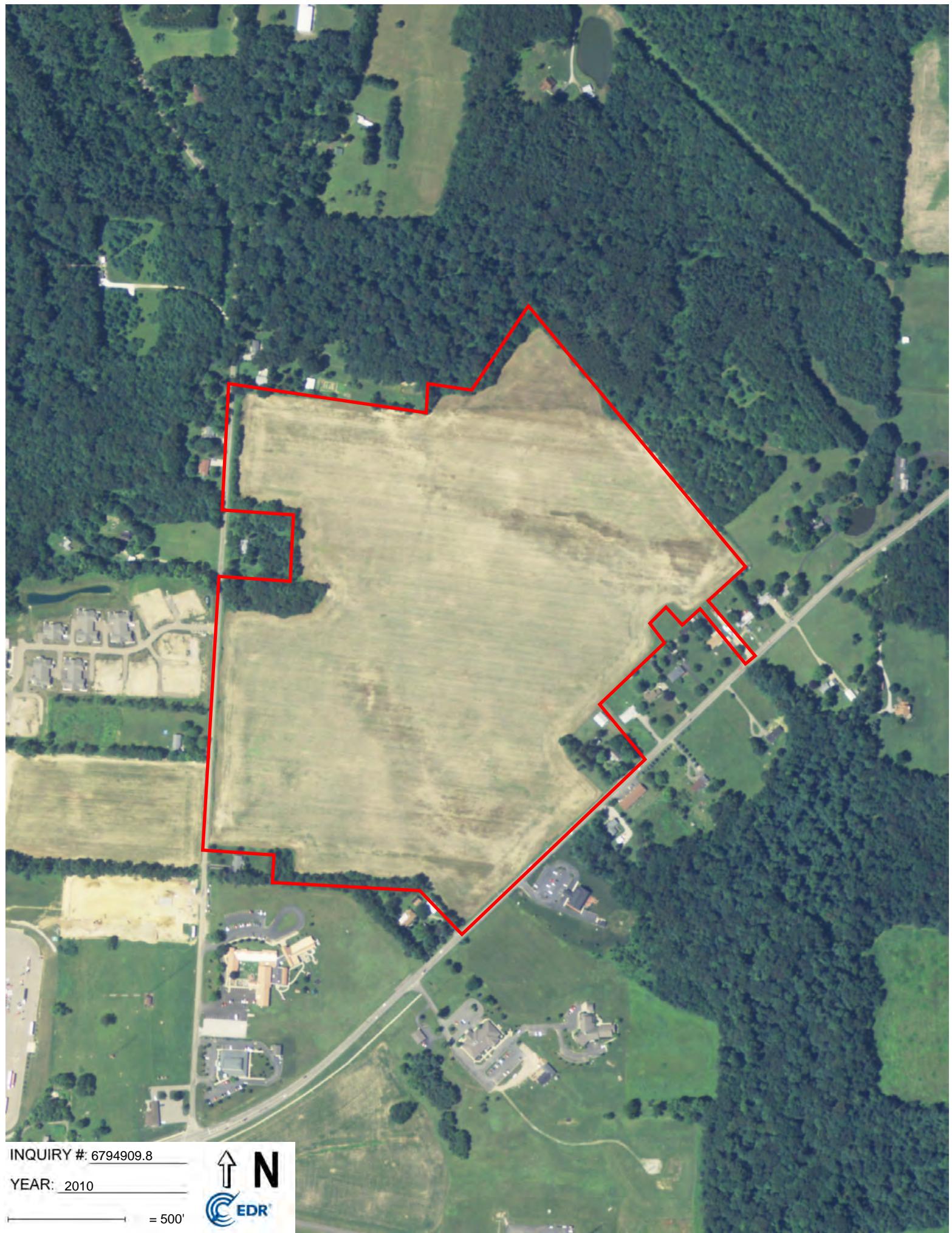


INQUIRY #: 6794909.8

YEAR: 2013



= 500'



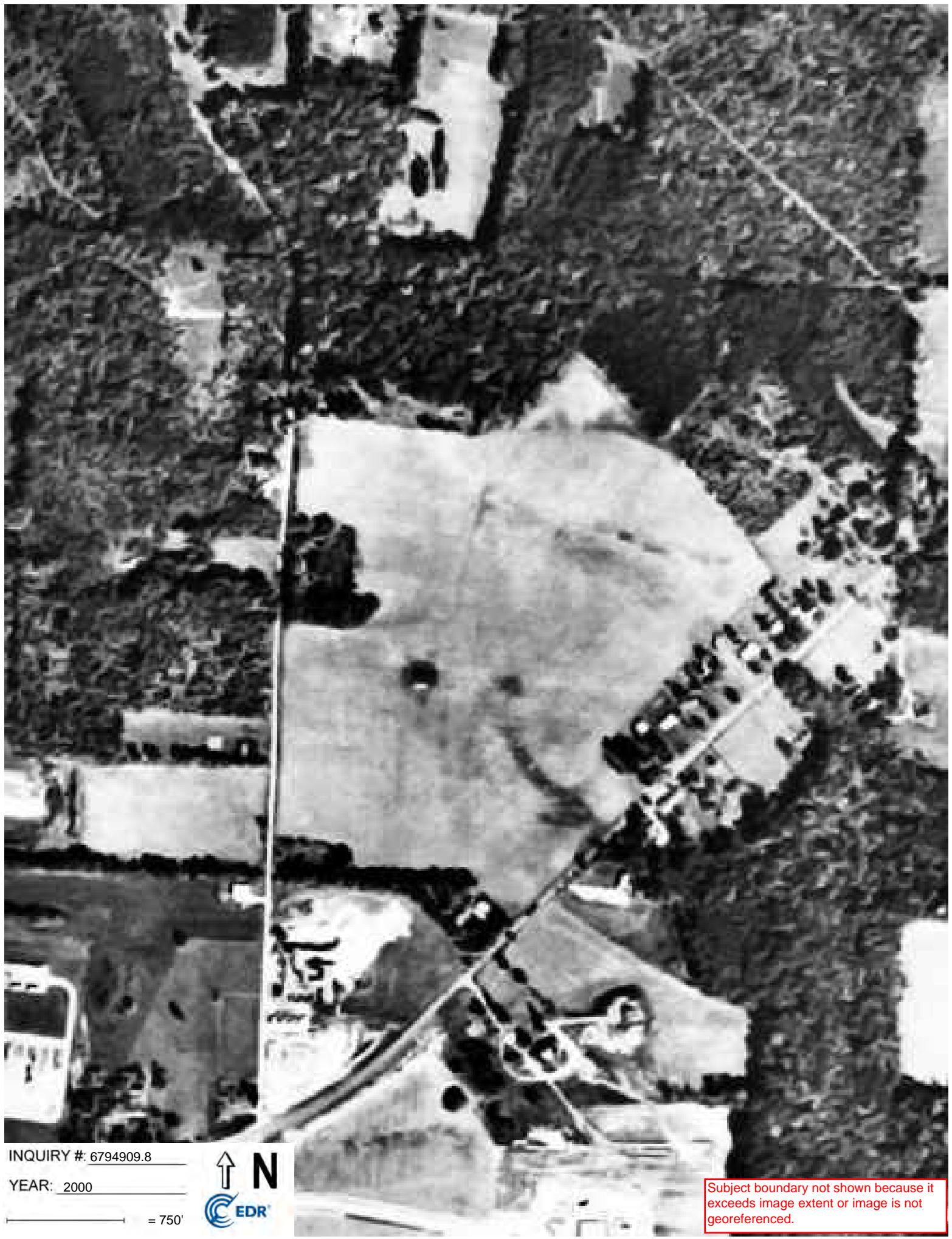


INQUIRY #: 6794909.8

YEAR: 2006

 = 500'





INQUIRY #: 6794909.8

YEAR: 2000

= 750'



Subject boundary not shown because it
exceeds image extent or image is not
georeferenced.



INQUIRY #: 6794909.8

YEAR: 1994

500'



Subject boundary not shown because it
exceeds image extent or image is not
georeferenced.



INQUIRY #: 6794909.8

YEAR: 1988

= 750'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

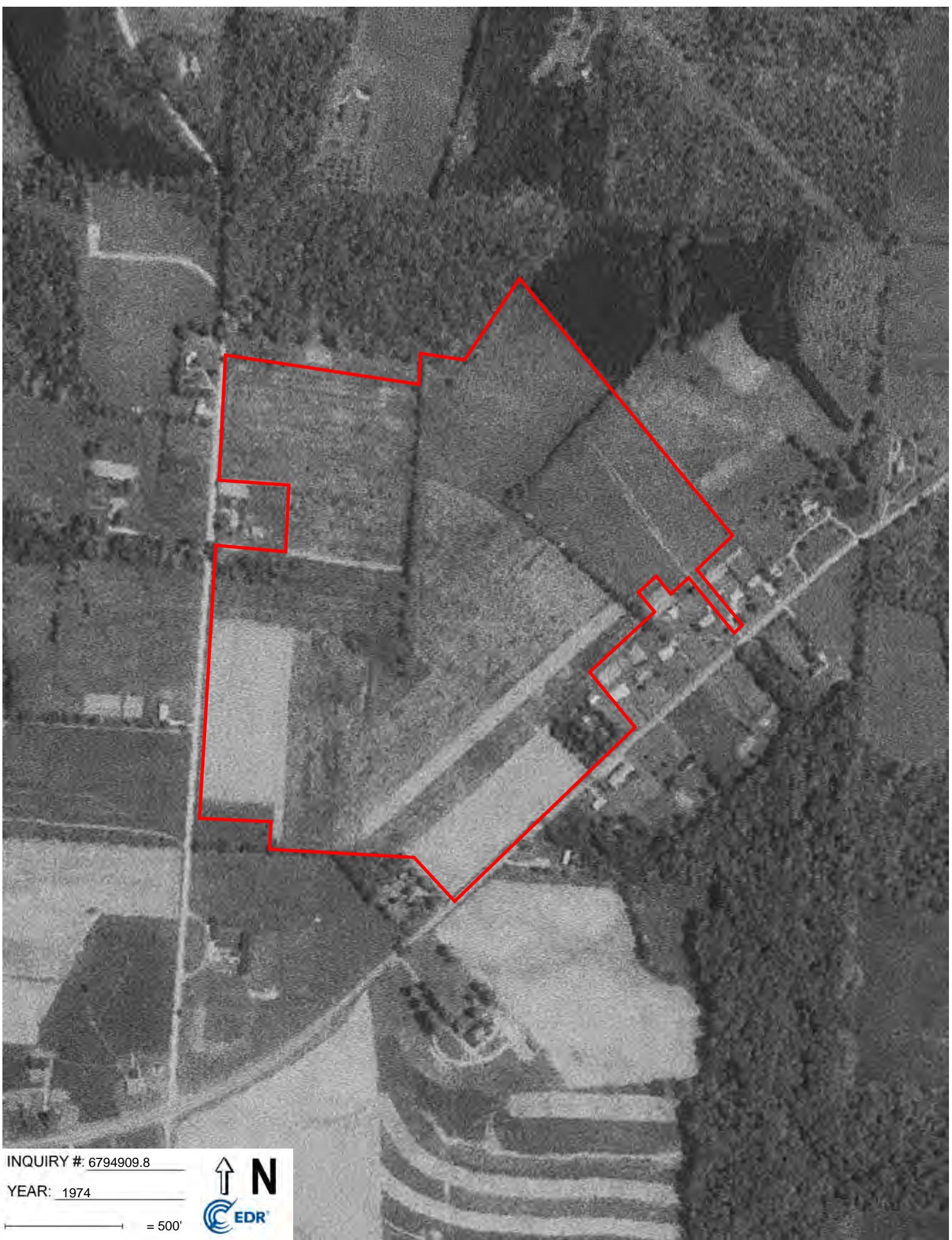


INQUIRY #: 6794909.8

YEAR: 1981

= 500'





INQUIRY #: 6794909.8

YEAR: 1974

— = 500'





INQUIRY #: 6794909.8

YEAR: 1960

 = 500'





INQUIRY #: 6794909.8

YEAR: 1959

= 1000'



Mount Vernon Multi-Family
17795 Coshocton Avenue
Mount Vernon, OH 43050

Inquiry Number: 6794909.4

December 20, 2021

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

12/20/21

Site Name:

Mount Vernon Multi-Family
17795 Coshocton Avenue
Mount Vernon, OH 43050
EDR Inquiry # 6794909.4

Client Name:

Kimley-Horn
7965 North High Street, Suite 200
Columbus, OH 43235
Contact: Justin Williams



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Kimley-Horn 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. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	40.408875 40° 24' 32" North
Project:	190066008.1.002	Longitude:	-82.433343 -82° 26' 0" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	378381.09
		UTM Y Meters:	4474126.19
		Elevation:	1184.15' above sea level

Maps Provided:

2019 1912
2016
2013
1982
1974
1961
1943
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



Mount Vernon
2019
7.5-minute, 24000

2016 Source Sheets



Mount Vernon
2016
7.5-minute, 24000

2013 Source Sheets



Mount Vernon
2013
7.5-minute, 24000

1982 Source Sheets



Mt Vernon
1982
7.5-minute, 24000
Aerial Photo Revised 1981

Topo Sheet Key

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

1974 Source Sheets



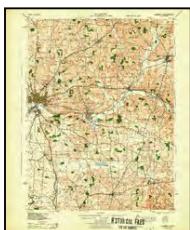
Mt Vernon
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1961 Source Sheets



Mt Vernon
1961
7.5-minute, 24000
Aerial Photo Revised 1960

1943 Source Sheets



Gambier
1943
15-minute, 62500
Aerial Photo Revised 1940

1914 Source Sheets



Gambier
1914
15-minute, 62500

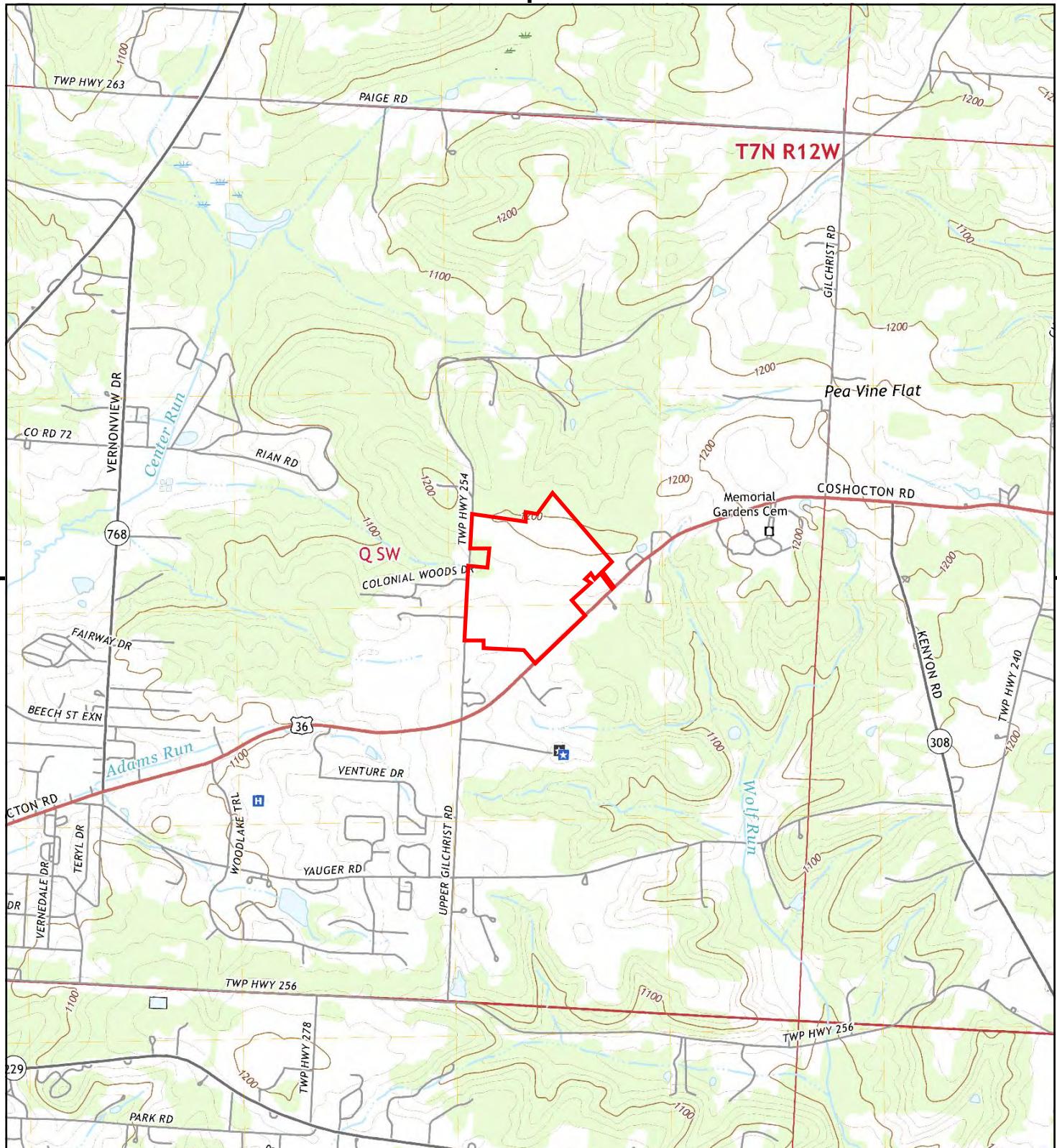
Topo Sheet Key

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

1912 Source Sheets

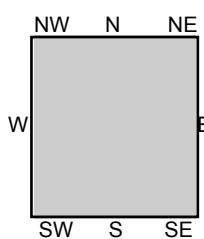


Gambier
1912
15-minute, 62500



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

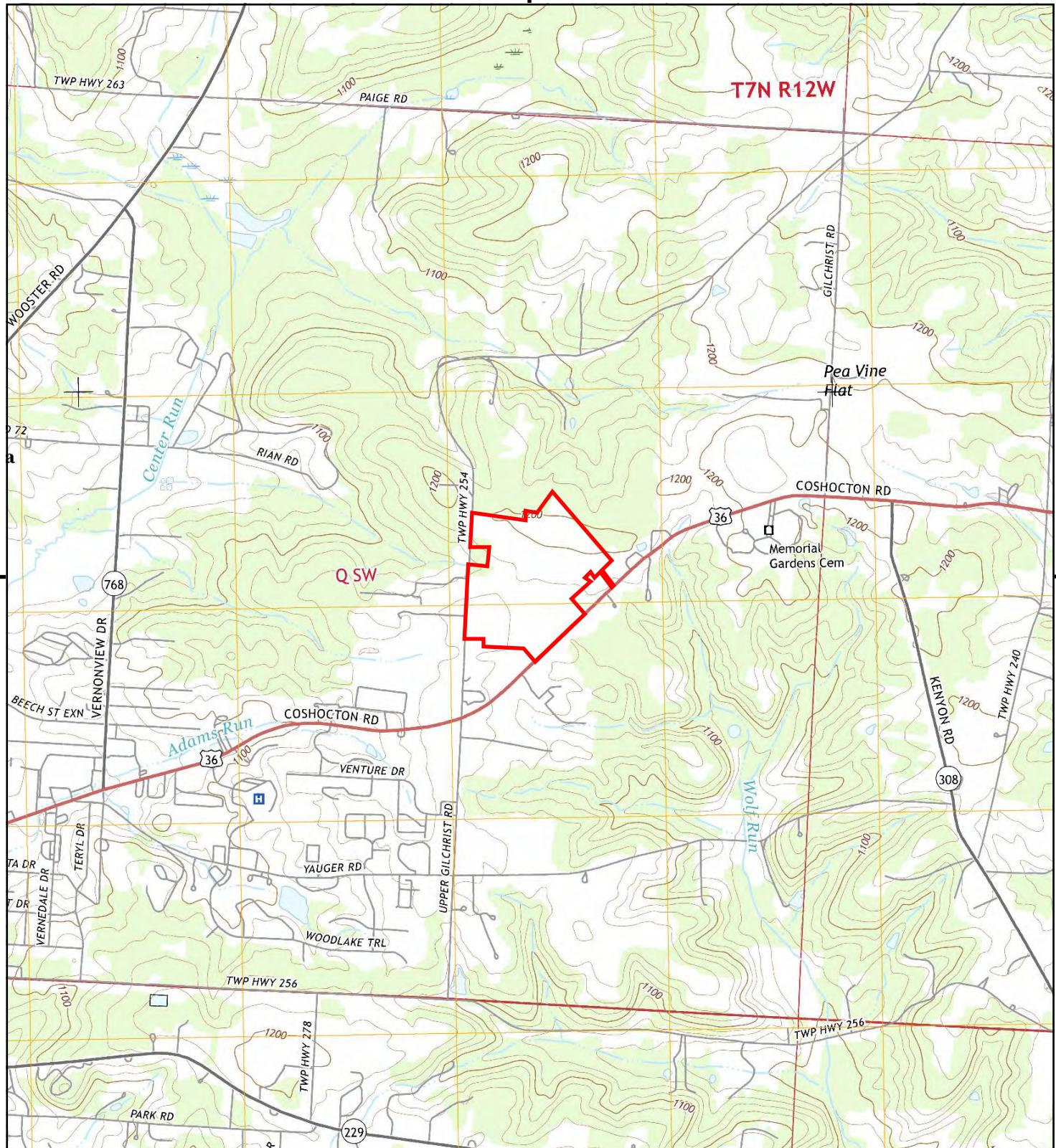
0 Miles 0.25 0.5 1 1.5



TP, Mount Vernon, 2019, 7.5-minute

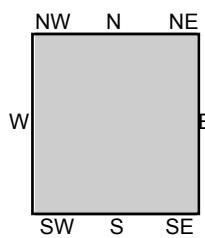
SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn





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

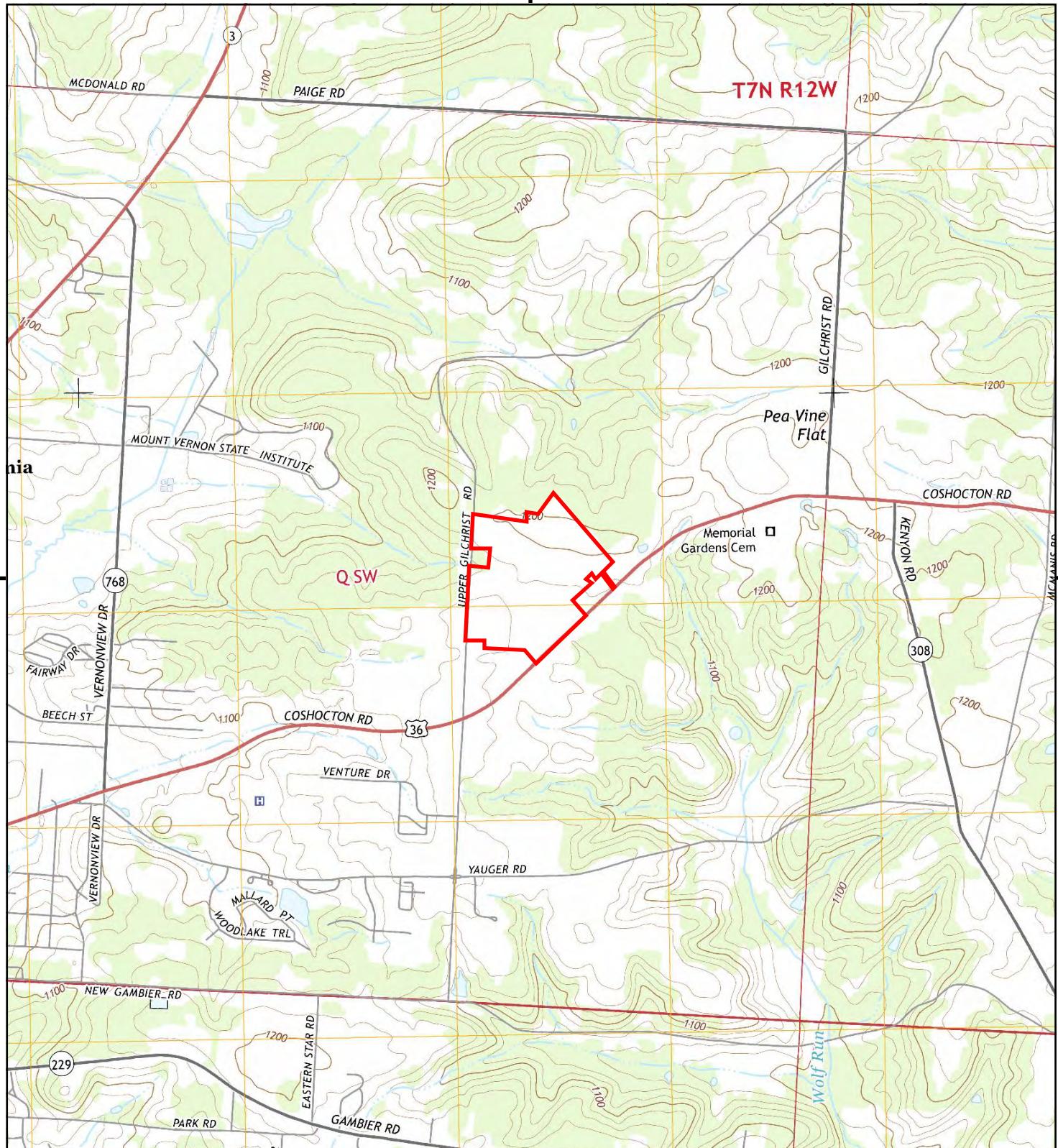
0 Miles 0.25 0.5 1 1.5



TP, Mount Vernon, 2016, 7.5-minute

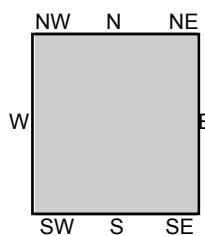
SITE NAME: Mount Vernon Multi-Family
 ADDRESS: 17795 Coshocton Avenue
 Mount Vernon, OH 43050
 CLIENT: Kimley-Horn





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

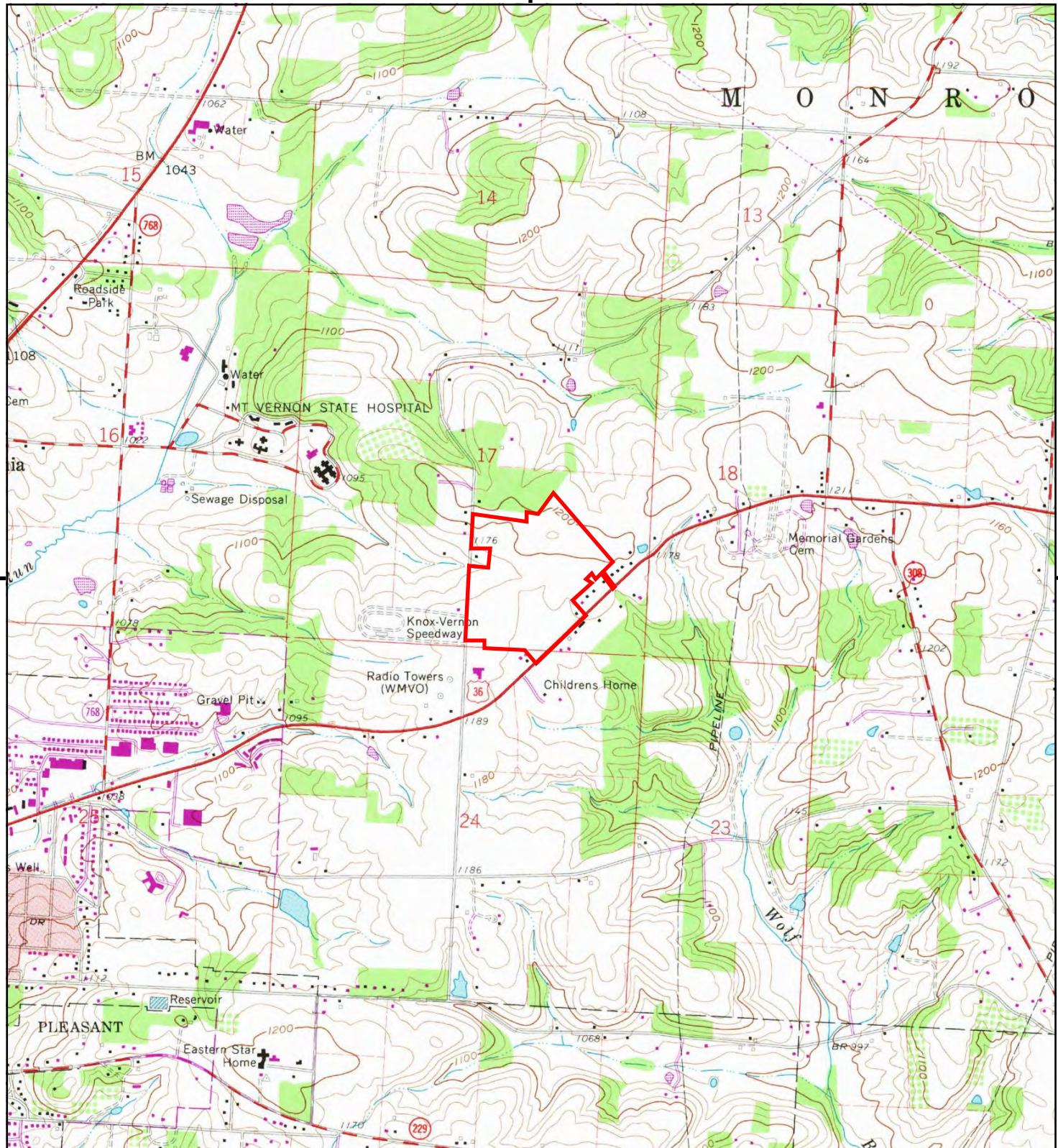
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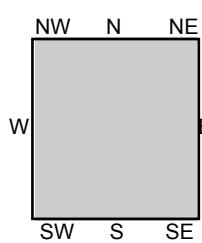
TP, Mount Vernon, 2013, 7.5-minute

SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
 Mount Vernon, OH 43050
CLIENT: Kimley-Horn

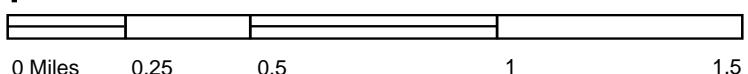




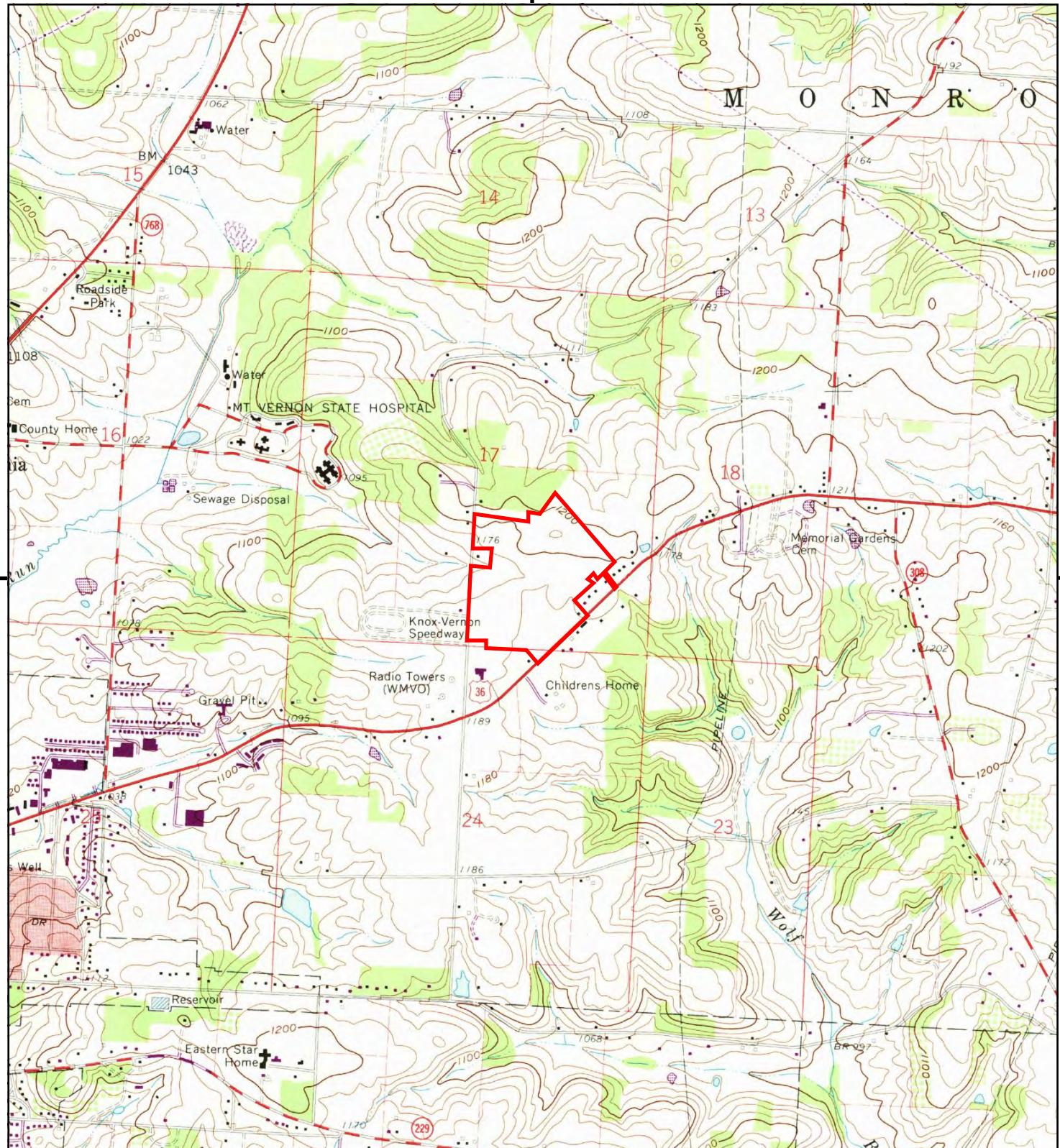
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TP, Mt Vernon, 1982, 7.5-minute

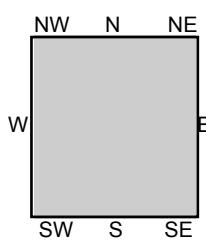


SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn



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

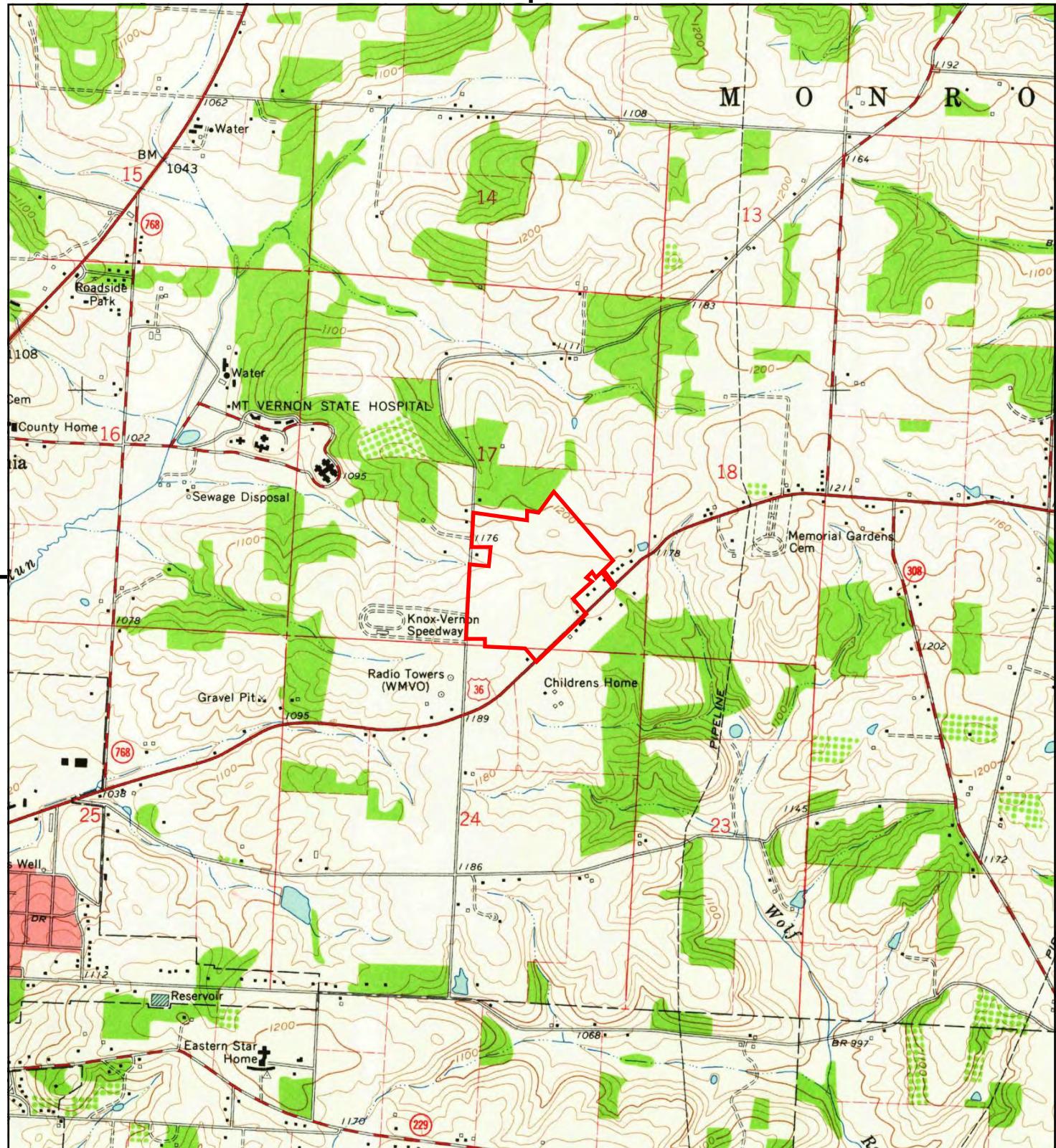
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TP, Mt Vernon, 1974, 7.5-minute

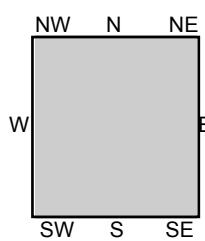
SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn





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

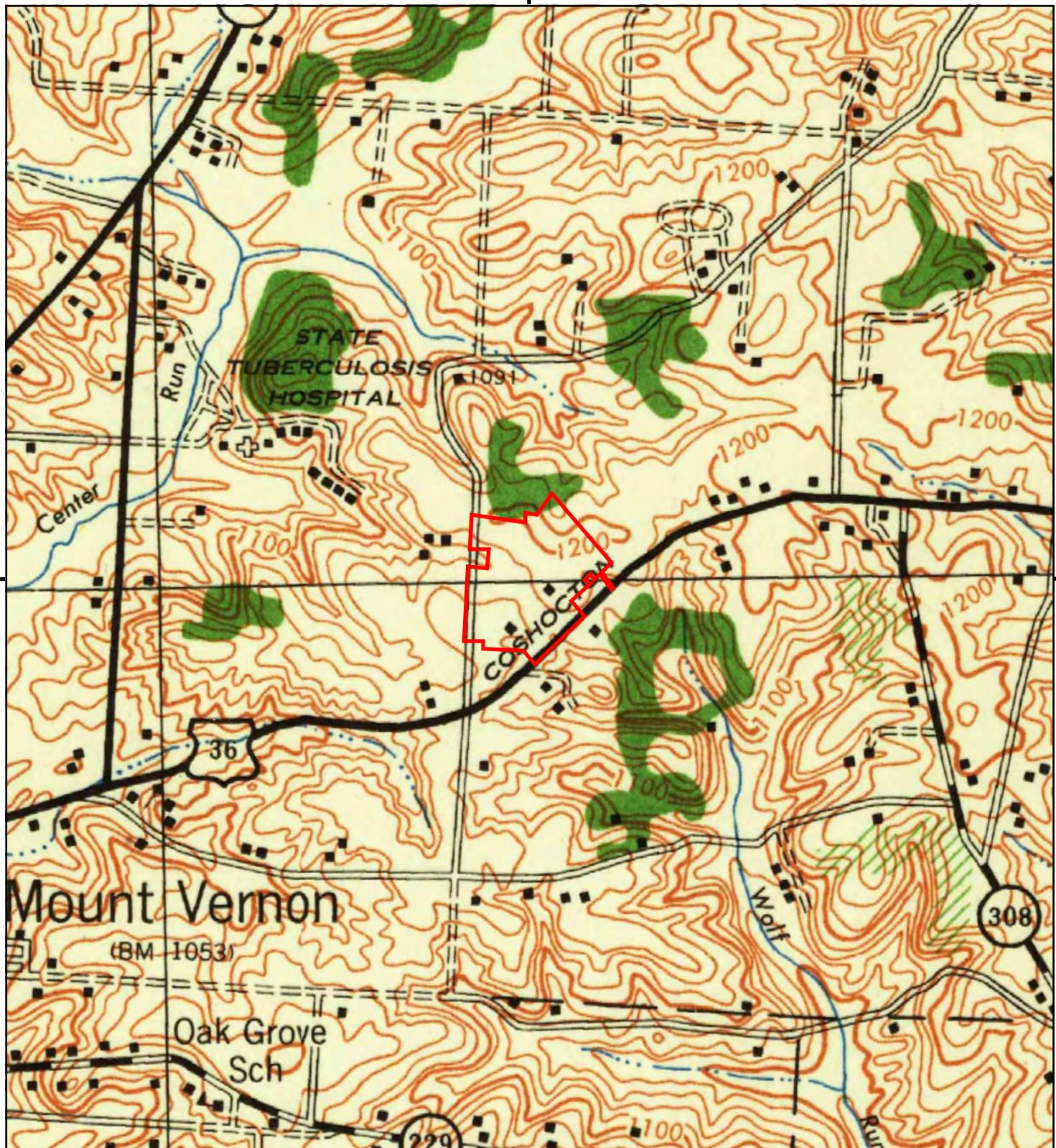
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TP, Mt Vernon, 1961, 7.5-minute

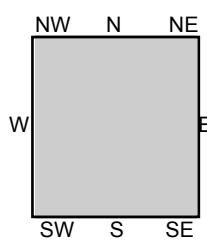
SITE NAME: Mount Vernon Multi-Family
 ADDRESS: 17795 Coshocton Avenue
 Mount Vernon, OH 43050
 CLIENT: Kimley-Horn





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

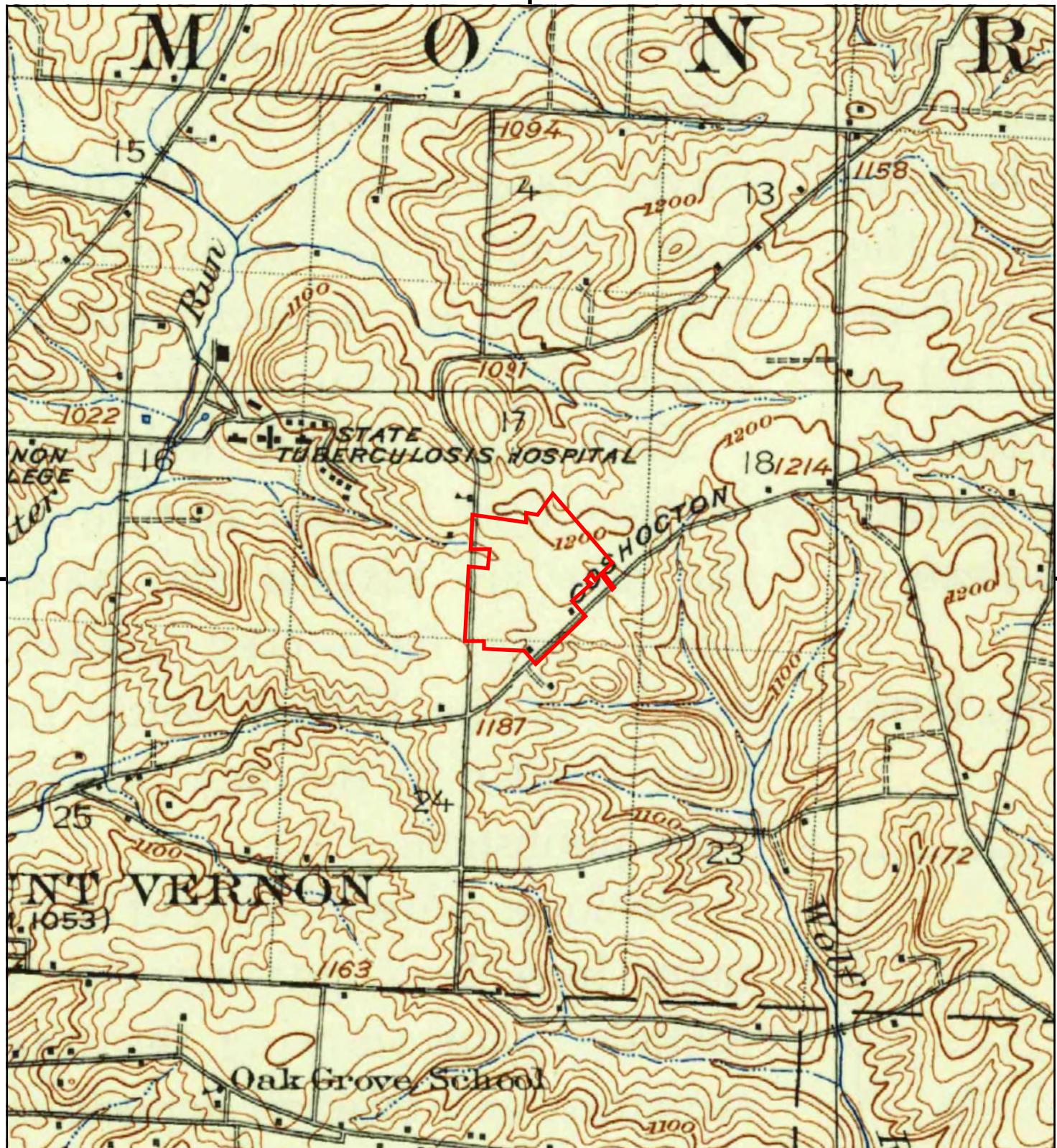
0 Miles 0.25 0.5 1 1.5



TP, Gambier, 1943, 15-minute

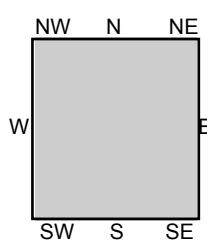
SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocott Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn





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

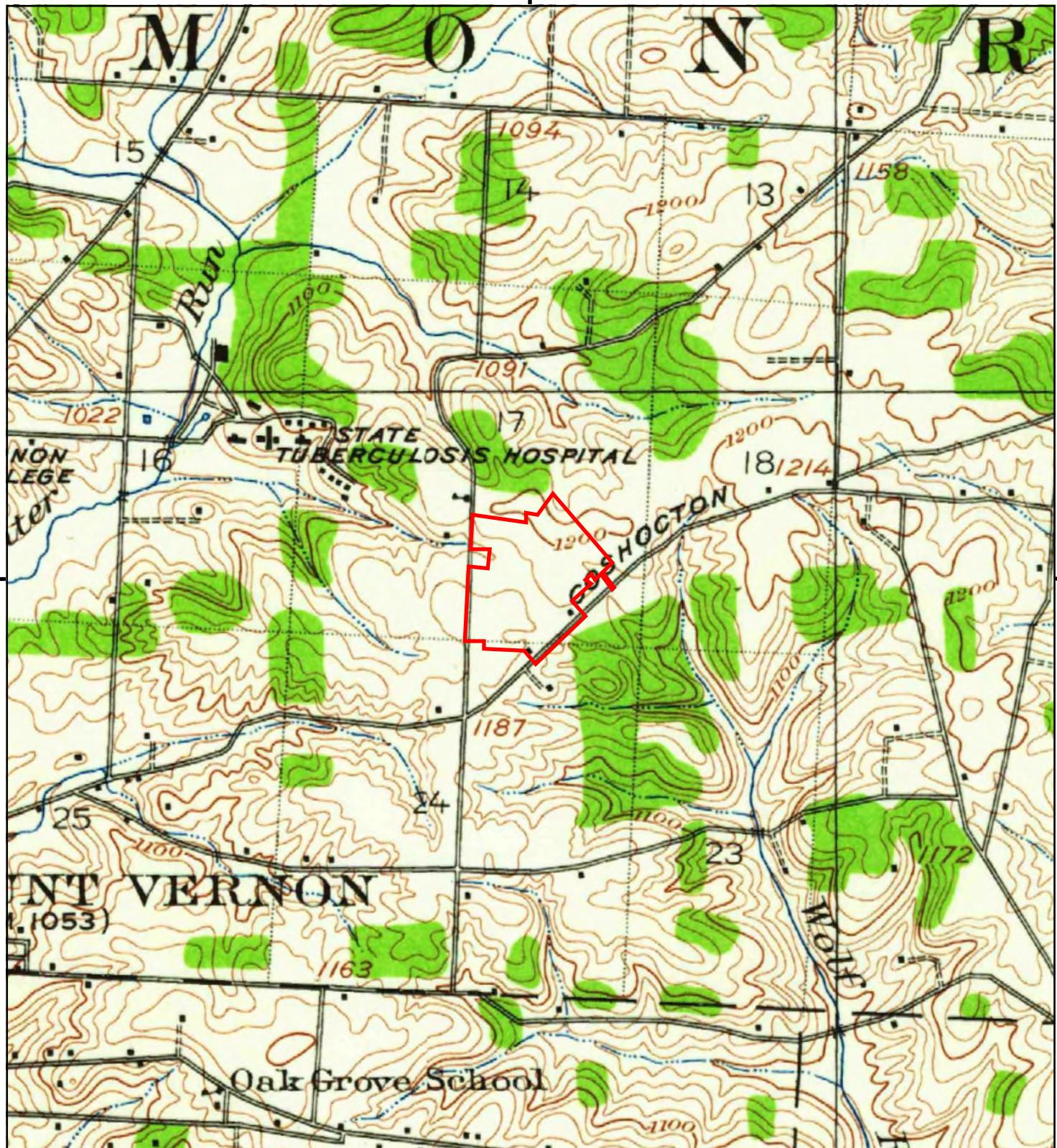
0 Miles 0.25 0.5 1 1.5



TP, Gambier, 1914, 15-minute

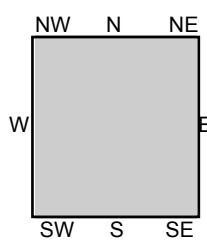
SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshocton Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn





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

0 Miles 0.25 0.5 1 1.5



TP, Gambier, 1912, 15-minute

SITE NAME: Mount Vernon Multi-Family
ADDRESS: 17795 Coshcoton Avenue
Mount Vernon, OH 43050
CLIENT: Kimley-Horn



Mount Vernon Multi-Family

17795 Coshocton Avenue
Mount Vernon, OH 43050

Inquiry Number: 6794909.5
December 23, 2021

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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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 city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by



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RESEARCH SUMMARY

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<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

EXECUTIVE SUMMARY

Year

Target Street

Cross Street

Source

FINDINGS

TARGET PROPERTY STREET

17795 Coshocton Avenue
Mount Vernon, OH 43050

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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COSHOCTON AVE

1990	pg A27	Polk's City Directory
1985	pg A28	Polk's City Directory
1985	pg A29	Polk's City Directory
1980	pg A30	Polk's City Directory
1975	pg A31	Polk's City Directory
1970	pg A32	Polk's City Directory
1970	pg A33	Polk's City Directory
1968	pg A34	Polk's City Directory
1964	pg A35	Polk's City Directory

COSHOCTON RD

2017	pg A2	EDR Digital Archive
2014	pg A6	EDR Digital Archive
2010	pg A10	EDR Digital Archive
2005	pg A14	EDR Digital Archive
2000	pg A17	EDR Digital Archive
1995	pg A20	EDR Digital Archive
1992	pg A24	EDR Digital Archive

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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UPPER GILCHRIST RD

2017	pg. A4	EDR Digital Archive	
2014	pg. A8	EDR Digital Archive	
2010	pg. A12	EDR Digital Archive	
2005	pg. A16	EDR Digital Archive	
2000	pg. A19	EDR Digital Archive	
1995	pg. A23	EDR Digital Archive	
1992	pg. A26	EDR Digital Archive	
1990	-	Polk's City Directory	Street not listed in Source
1985	-	Polk's City Directory	Street not listed in Source
1980	-	Polk's City Directory	Street not listed in Source
1975	-	Polk's City Directory	Street not listed in Source
1970	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source

City Directory Images

COSHOCTON RD 2017

17421 BAS BROADCASTING & WQIO 937
WQIO 93Q REQUEST
WQIO 93Q REQUEST LINE
WQIOFM WMVOAM
WWBK K COUNTRY
17602 COUNTY OF KNOX
17604 OPPORTUNITY KNOX
17606 THE VILLAGE NETWORK KNOX
17635 DENNIS, JEFF
17762 GATES, JIM A
17790 JONES, KELCIE M
17821 ASHER, STEVE S
17830 MCCALLISTER, RONALD D
17863 KIDD, WILLIAM M
17899 STILTNER, JERRY R
17919 BEACHY, ELSIE N
17932 NORRIS, VIRGIL R
17939 STILTNER, JOSEPH L
17989 YOUTKUS, CATHERINE M
18037 FESLER, MICHAEL F
18038 MCELHATTEN, STEPHEN B
18177 CONNER, KENNETH E
18185 HOPPER, SHIRLEY
18201 BOWER BLAINE GARAGE INC
BOWER, HAROLD W
UHAUL
18250 FOSTER, GARY R
18260 AMERICAN CEMETERY SERVICE
MT VERNON MEMORIAL GARDENS INC
18279 STEWARD, MARK A
18287 HIGGINS, CAROLYN R
18359 Vining, JOHN K
18413 DIBLE, THOMAS
18441 READY, DIANA K
18509 MOREY, JASON K
18512 WEILER, ERIC S
18542 WILLIAMSON, ALLEN R
18618 BOOZE, JACKIE
18640 CONGER, DEAN D
18720 GEIGER, RUSS P
18873 DAVIS, KARLA
18907 BLEVINS, BOBBY R
18948 ERSKINE, THOMAS M
18961 WOLFE, MARK E
19001 MOORE, MICHAEL A
19028 WALTON, MAX J
19037 THARP, JENNIFER R
19081 DICKERSON, CRYSTAL A
19157 BURSON, DANDALYNN B
19160 LYONS, BARBARA L

COSHOCTON RD 2017 (Cont'd)

19221 MILLER, STEVEN A
19236 VALLEY SUPPLY INC
19280 FAST EDDYS
FAST EDDYS OUTDOOR POWER EQUIPMENT
FAST EDDYS SALES & SERVICE
19333 WILLIAMS, GARY A
19399 ROADRUNNER TAXI
WALKER, LARRY D
WALKERS CUSTOM AUTO DETAILING
19499 LEONARD, MARK P
19540 SINSLEY, GREG R
19560 GORSUCH, DAN W
19720 ARNOLD, TIMOTHY P
19740 PAGE, TRAVIS D
19820 JACKEY, JON D
19840 SAPP, WALTER L
19889 GROSJEAN, ROBERT W
19980 WILLIAMS, ROY L
20010 STURTZ, BRANDON T
20101 LARNTZ, DAVID L
20175 PALMER, DANIEL G
20203 BUSHONG, RICKY E
20279 KEEN WELL & PUMP INC
20284 HAUGER, RICHARD C
KEEN WELL & PUMP
KEEN WELL & PUMP CO
20426 APPLE VALLEY LANDSCAPING
20428 APPLE VALLEY LANDSCAPING
ON THE RUN
20462 ELEY, LARRY T
20648 PIERCE, C D
20821 WONDERS, CLETUS G
20870 SAUNDERS, RODNEY E
20875 STRAIGHT, DEBRA L
20903 HAWKINS, JAMES E

UPPER GILCHRIST RD**2017**

11035 MARTIN, CHRIS M
11050 CHESTER, CURTIS B
11065 HALL, SAVANNAH
11080 DWYER, EUGENE J
11105 BURKY, MICHAEL D
11176 SHANK, LYNDA L
11201 PORTER, TED E
11301 COMPLETE COMFORT SYSTEMS
11337 BODY BASICS HEALTH & FITNESS
DILLEYLASATER FUNERAL HOME
LASATER FUNERAL HOMES
11359 CONNELLS FURNITURE
CONNELLS HOME FURNISHINGS
11423 COLDWELL BANKER
CORNERSTONE TITLE & CLOSING LLC
MULLENDORE, STEPHEN D
11535 PREMIERE THEATRES
11540 COUNTY OF KNOX
KNOX COUNTY SHERIFFS OFFICE
11555 HOLIDAY INN EXPRESS
HOLIDAY INN EXPRESS MT VERNON
MOUNT VERNON STAR PROPERTIES INC
11587 ALLISONS FINER DINER
11660 KNOX COUNTY HEALTH DEPARTMENT
11700 KNOX COUNTY HEAD START
KNOX COUNTY HEAD START CHILD CARE
11701 ARGANBRIGHT, JAMES S
DOGWOOD PLACE
FLAUGHER, CATHERINE
FRAZEE, LINDA M
FRY, BRENDA S
HARTSOOK, MARY L
HOLLAND, SHARON K
HUBBELL, DAN C
KELLEY, VERN L
MATUSZYNSKI, JEAN G
MUSTON, BEVERLY
NOLAN, BRENDA J
PHIPPS, CYNTHIA
STEVENS, ROBERTA M
TRAXLER, PATRICIA
WALTER, MARIA S
WATTERS, MARSHA A
11810 LAUGHREY, STEVE D
11973 MORRIS, DONALD L
11990 LANG, JASON L
12000 GOEPPINGER, EMIL C
12045 LESTER, KATHY L
12160 HERBERT, RUTH A
12200 GLANCY, ANTHONY E

UPPER GILCHRIST RD**2017****(Cont'd)**

12278 WATERS, SCOTT M
12361 DELPH, MATT A
12378 SNYDER, MICHAEL S
12391 McDOWELL, KIMBERLY E
12394 ODELL, PAUL D
12400 CRONIN, WILLIAM M
12460 VANCE, ASHLEY N
12498 ROBERTS, DAN J
12520 STITTS, ROBERT M
12556 MORTIMER, JAMES M
12558 LYONS, ELISHA
12576 YATES, JERRY L
12590 SWIHART, SHAWN C
12680 COOKMAN, SHARON K
12730 ARNAL, WILLIAM A
12776 MULHERIN, ERIC B
12848 KELSO, JESS E
12861 BARBATO, LAWRENCE S
12913 JACKSON, DAVID H
12943 CRAWFORD, ANDY J
12985 HOAGLAND, MIKE S
12996 SAVAGE, STEPHEN
13013 CENTOFANTI, DOMINIC J
13057 WALCHLE, JOHN W
13081 MONTGOMERY, LORI G
13105 SNYDER, MICHAEL E
13123 HALL, THOMAS
13221 SIMMERMAN, ROBER A
13281 REFFITT, OAKLEY J

COSHOCTON RD 2014

17291 NEECE, JAMES
17421 BAS BROADCASTING WQIO 93 7
WQIO 93Q REQUEST
WWBK K COUNTRY
17602 COUNTY OF KNOX
17604 OPPORTUNITY KNOX
17635 MINTIER, LINDIA A
17762 GATES, JIM A
17790 JONES, KELCIE M
LAKE, KAREN
17821 ASHER, STEVE S
17830 KUHEL, STEPHANIE L
17841 FRANZ, TIMOTHY J
17863 OCCUPANT UNKNOWN,
17880 COFFEY, JAMES L
17899 STILTNER, JERRY R
17919 SMITHHISLER, PHILLIP J
17932 NORRIS, VIRGIL R
17939 STILTNER, JOSEPH L
17989 YOUTKUS, SARAH
18038 BRANNON, ROBERT F
18177 CONNER, KENNETH E
18185 ALLABACK, FRED G
18201 BOWER BLAINE GARAGE INC
BOWER, HAROLD W
UHAUL
18250 FOSTER, GARY R
18260 MT VERNON MEMORIAL GARDENS INC
18279 STEWARD, MARK A
18287 HIGGINS, CAROLYN R
18359 VINING, JOHN K
18413 DIBLE, THOMAS
18441 READY, BOB C
18509 MOREY, JAMES K
18512 WEILER, ERIC S
18542 WILLIAMSON, ALLEN R
18582 KLEINER, DALEEN M
18618 ALBERTS, ROBERT R
18628 OCCUPANT UNKNOWN,
18640 CONGER, DEAN D
18720 OCCUPANT UNKNOWN,
18873 FULK, LAWRENCE R
18907 BOYD, DANIEL
18948 ERSKINE, THOMAS M
18961 WOLFE, MARK E
19001 MOORE, MICHAEL A
19028 OCCUPANT UNKNOWN,
19037 THARP, JENN
19081 DICKERSON, C
19157 OCCUPANT UNKNOWN,

COSHOCTON RD 2014 (Cont'd)

19160 LYONS, BARBARA L
19181 MILLER, CARL J
19221 MILLER, STEVEN A
19236 CRIPPEN, DUDLEY
LEISURE TIME PRODUCTS INC
VALLEY SUPPLY INC
19280 FAST EDDYS
FAST EDDYS GROUNDS MAINTENANCE
FAST EDDYS SALES & SERVICE
19333 STEPHENS, JERRY C
19360 HUFF, ALAN R
19399 OCCUPANT UNKNOWN,
WALKERS CUSTOM AUTO DETAILING
WALKERS WOOD DOCTOR OUTDOOR WOOD FU
19499 LEONARD, MARK P
19540 SINSLEY, GREG R
19551 OCCUPANT UNKNOWN,
19560 GORSUCH, DAN W
19584 OCCUPANT UNKNOWN,
19607 ALLAR, KENNETH L
19720 ARNOLD, THOMAS F
19740 PAGE, TRAVIS D
19820 JACKY, HEATHER A
19840 SAPP, WALTER L
19889 GROSJEAN, ROBERT W
19980 OCCUPANT UNKNOWN,
20101 PLANTE, PETE E
20175 PALMER, ZAKARIAH
20203 OCCUPANT UNKNOWN,
20279 KEEN WELL & PUMP CO
KEEN WELL & PUMP INC
20284 HAUGER, RICHARD C
20426 APPLE VALLEY LANDSCAPING CENTER
SIGNLINE GRAPHICS
20428 ON THE RUN
20462 ELEY, LARRY T
20648 PIERCE, DAVID
20820 PAPPAS, NICK J
20821 WONDERS, CLETUS G
20870 SAUNDERS, RODNEY E
20875 TOPE, ANN
20903 HAWKINS, JAMES E

UPPER GILCHRIST RD**2014**

11035 TORS, JACK
11050 CHESTER, CURTIS B
11065 BRICKER, ROBERT S
11080 DWYER, EUGENE J
11105 BURKY, MICHAEL D
11176 SHANK, LYNDA L
11201 PORTER, TED E
11301 COMPLETE COMFORT SYSTEMS
11359 CONNELLS FURNITURE
11423 COLDWELL BANKER
CORNERSTONE TITLE & CLOSING LLC
11535 PREMIERE THEATRES
11540 COUNTY OF KNOX
KNOX COUNTY OFFICES
11555 HOLIDAY INN EXPRESS
11587 ALLISONS FINER DINER
11660 KNOX COUNTY HEALTH DEPT
11700 KNOX COUNTY HEAD START
KNOX COUNTY HEAD START CHILD CARE
11701 ARGANBRIGHT, JAMES S
ARNOLD, ERNESTINE F
CURRAN, CAROL S
DOGWOOD PLACE
DRYE, CHRISTINE A
FLAUGHER, CATHERINE
FRAZEE, LINDA M
HANLON, HENRY J
HUBBELL, DAN C
JONES, MARY L
KELLEY, VERN L
MUSTON, BEVERLY
NEW, PATRICA
NOLAN, BRENDA J
PARSONS, DONALD W
PHIPPS, CYNTHIA
PRICE, JOHN D
SEYMOUR, JERRY A
SHANNON, ROBERT L
SNOW, JACK W
STEVENS, ROBERTA M
STULTZ, GLORIA J
SUELLEN, GRAY
WALTER, MARIA S
11810 LAUGHREY, STEVE D
11867 PETERS, CHERI L
11973 MORRIS, DONALD L
11990 KING, CATHY A
12000 GOEPPINGER, EMIL C
12045 TALBOTT, LAWRENCE
12092 MCILVOY, NEIL E

UPPER GILCHRIST RD**2014****(Cont'd)**

12160 PIDO, ERNEST J
12200 OCCUPANT UNKNOWN,
12278 WATERS, SCOTT M
12320 ADDAIR, DENNIS L
12349 OCCUPANT UNKNOWN,
12361 MUKA, RUDI Y
12391 HAMRIC, DANIEL W
12394 ODELL, PAUL D
12400 CRONIN, WILLIAM M
12460 VANCE, ASHLEY N
12461 LYBARGER, MARK R
12498 ROBERTS, DAN J
12520 STITTS, ROBERT M
12556 MORTIMER, STANLEY R
12558 PLAGGE, ERIK
12563 FROST, DOYLE
12576 CAMPBELL, PATSY E
12590 ASHCRAFT, DANNY C
12606 VALDEZ, VIOLET
12680 COOKMAN, SHARON K
12730 ARNAL, WILLIAM A
12776 MCGOUGH, MATTHEW E
12848 KELSO, JESS E
12861 BARBATO, LAWRENCE S
12913 JACKSON, DAVID H
12943 EVERSON, RUTHANN
12985 HOAGLAND, MIKE S
12996 DIBLE, AMY
13013 CENTOFANTI, DOMINIC J
13057 WALCHLE, JOHN W
13081 FISCHBACH, STEPHEN J
13105 SNYDER, MICHAEL E
13123 OCCUPANT UNKNOWN,
13153 OCCUPANT UNKNOWN,
13221 SIMMERMAN, ROBER A
13281 REFFITT, OAKLEY J

COSHOCTON RD 2010

17291 NEECE, JAMES
17421 WQIO
WWBK COUNTRY
WWBKK
17602 KNOX COUNTY SEWER DEPT
KNOX COUNTY WATER DEPT
17604 OPPORTUNITY KNOX
17606 BOYS VILLAGE
17635 MINTIER, LINDIA A
17700 HOSPICE OF KNOX COUNTY
17762 OCCUPANT UNKNOWN,
17790 CULLER, STEVE
JOHNSON, NORMA J
JONES, KELCIE M
17795 OCCUPANT UNKNOWN,
17821 BADAL, STELLA B
17830 MCCALLISTER, RONALD D
17841 FRANZ, TIMOTHY L
17863 KIDD, WILLIAM M
17880 OCCUPANT UNKNOWN,
17899 STILTNER, JERRY R
17919 BEACHY, ELSIE N
17932 NORRIS, VIRGIL R
17939 STILTNER, JOSEPH L
17989 YOUTKUS, SARAH
18038 BRANNON, ROBERT F
18177 CONNER, KENNETH E
18185 ALLABACK, FRED G
18201 BLAINE BOWER GARAGE INC
BOWER, ETHEL M
UHAUL CO
18250 FOSTER, GARY F
18260 MT VERNON MEMORIAL GARDENS INC
18279 STEWARD, MARK T
18413 MCFADDEN, YVONNE
18441 READY, BOB C
18509 MOREY, JAMES K
18512 OCCUPANT UNKNOWN,
18542 KING, GREGORY A
18582 TREEN, BRYON L
18618 ALBERTS, TERESA L
18628 HARTSOOK, JAMES
18640 CONGER, DEAN D
18720 GEIGER, RUSS G
18873 FULK, LAWRENCE R
18907 BOYD, CHARLES N
18948 ERSKINE, JOANNE
18961 WOLFE, MARK T
19001 MICHAEL A MOORE TRUCKING
MOORE, MICHAEL A

COSHOCTON RD 2010 (Cont'd)

19028 RICHARDS, GREGORY A
19037 THARP, RANDY R
19081 ERSKINE, MITCH
19157 CRICHTON, DANIEL E
19160 LYONS, BARBARA L
19181 MILLER, GEORGIA M
19221 MILLER, STEVEN A
19236 VALLEY SUPPLY INC
19280 BURCH TREE CARE
FAST EDDYS GROUNDS MNTNC
19333 DUNNEWOLD, ELINOR S
19360 BURGEN, S
19499 LEONARD, MARK P
19540 SINSLEY, GREG R
19551 SMITH, ALGER I
19560 GORSUCH, DAN W
19584 OCCUPANT UNKNOWN,
19588 OCCUPANT UNKNOWN,
19607 OCCUPANT UNKNOWN,
19720 ARNOLD, THOMAS F
19740 OCCUPANT UNKNOWN,
19820 JACKY, DAVID R
19840 SAPP, WALTER L
19889 GROSJEAN, ROBERT W
19980 BECK, JAY D
20101 PLANTE, PETE E
20175 PALMER, DANIEL G
20203 KEEN, WERLEY F
20279 KEEN WELL & PUMP CO
20284 HAUGER, RICHARD A
20426 APPLE VALLEY LANDSCAPING CTR
20428 APPLE VALLEY HOME & GARDEN CTR
20462 ELEY, LARRY T
20648 PIERCE, DAVID
20820 OCCUPANT UNKNOWN,
20821 WONDERS, CLETUS G
20870 SAUNDERS, GERALD E
20875 OCCUPANT UNKNOWN,
20903 HAWKINS, JAMES E
21735 KELLYS PIZZA

UPPER GILCHRIST RD**2010**

11035 MARTIN, CHRIS M
11050 CHESTER, SUE A
11065 OCCUPANT UNKNOWN,
11080 DWYER, EUGENE J
11105 BURKY, MICHAEL D
11176 GASBARRO, PHIL D
11201 PORTER, TED E
11301 COMPLETE COMFORT SYSTEMS
MIDOHIO GEOTHERMAL
11337 BODY BASICS HEALTH & FITNESS
11359 CONNELLS HOME FURNISHINGS
11423 COLDWELL BANKER QUEST
INTEGRATED MEDICAL
NUSSAUM JOHN
PEOPLES BANK
11535 PREMIERE THEATRE
11540 CENTERBURG POLICE DEPT
KNOX COUNTY EMERGENCY MGMT
KNOX COUNTY SHERIFF
KNOX COUNTY SHERIFFDETECTIVE
11555 HOLIDAY INN EXPRESS
11587 ALLISONS FINER DINER
11660 KNOX COUNTY BIRTH & DEATH
KNOX COUNTY ENVIRONMENTAL HLTH
KNOX COUNTY HEALTH DEPT
KNOX COUNTY SHERIFF DEPT
KNOX COUNTY WIC
LAIRD EMERSON L MD
11700 KNOX COUNTY HEAD START
KNOX COUNTY MRDD BOARD
NEW HOPE EARLY EDUCATION CTR
11810 LAUGHREY, WADE J
11867 MORGAN, JOSEPH
11973 MORRIS, DONALD L
11990 KING, CATHY A
12000 GOEPPINGER, EMIL C
12045 LESTER, KATHY L
12067 OCCUPANT UNKNOWN,
12092 MCILVOY, NEIL E
12200 CLARK, ADAM A
12278 WATERS, SCOTT M
12320 ADDAIR, DENNIS J
12349 STILLINGS, SEAN M
12361 MUKA, RUDI Y
12391 OCCUPANT UNKNOWN,
12394 ODELL, PAUL D
12400 CRONIN, WILLIAM M
12460 GERVASE, ROCCO
12461 LYBARGER, MARK R
12498 TEAL, DONALD E

UPPER GILCHRIST RD**2010****(Cont'd)**

12520 STITTS, SCOTT R
12556 DEVORE, SHELLY D
12558 TUFTS, CLARA B
12576 OCCUPANT UNKNOWN,
12590 ASHCRAFT, DANNY C
12606 BALAZS, ARTHUR A
12680 COOKMAN, SHARON K
12730 MCGOUGH, DAVID R
12776 MCGOUGH, MATTHEW E
12848 KELSO, JESS E
12913 JACKSON, DAVID H
12943 CRAWFORD, JUSTIN R
12985 HOAGLAND, MIKE S
12996 DIBLE, AMY
13013 CENTOFANTI, DOMINIC J
13057 WALCHLE, JOHN W
13081 FISCHBACH, THOMAS P
13105 SNYDER, MIKE E
13123 BURSON, DANIELLE M
13153 SMITH, ROY W
13221 SIMMERMAN, ROBER A
13281 REFFITT, OAKLEY J

COSHOCTON RD 2005

17010 OCCUPANT UNKNOWN,
17080 OCCUPANT UNKNOWN,
17291 VARNER, ERIK S
17421 OHIO RADIO
TRISHA MOORE
WMVO AM
17602 KNOX COUNTY WATER & SEWER
17606 BOYS VILLAGE INC
17635 OCCUPANT UNKNOWN,
17762 GATES, JIM A
17790 CAMP, JOHN C
CULLER, STEVE
JONES, KELCIE
LOVETT, JOE L
17795 BECKETT, RODNEY D
17830 OCCUPANT UNKNOWN,
RONS CUSTOM SAWMILL & TREE SERVICE
17841 FRANZ AND SON CONSTRUCTION
17863 KIDD, WILLIAM M
17880 MCNEIL, FLOYD C
17899 STILTNER, JERRY R
17919 BEACHY, ELSIE N
17932 NORRIS, VIRGIL R
17939 STOUTENBURG, THERON T
17989 YOUTKUS, SARAH
18038 OCCUPANT UNKNOWN,
18177 CONNER, KENNETH E
18185 SHEPARD, ELIZABETH P
18201 BLAINE BOWER GARAGE INC
BOWER, BLAINE E
18250 FOSTER, GARY F
18260 MT VERNON MEMORIAL GARDENS INC
18279 STEWARD, MARK T
18287 MOORE, MARC J
18359 Vining, LINDA L
18413 WILLIAMSON, ROBERT A
18441 READY, BOB C
18509 MOREY, JAMES L
18512 SMITH, EUGENE
18542 OCCUPANT UNKNOWN,
18582 BROWN, ELVIN W
18628 HARDEN, VIRGINIA L
18640 CONGER, DEAN D
18720 OCCUPANT UNKNOWN,
18907 BOYD, ADELGUNDE
18948 ERSKINE ENTERPRISES
ERSKINE, JOANNE
19001 MOORE, MICHAEL A
19037 THARP, RANDY R
19081 ERSKINE, MITCH

COSHOCTON RD 2005 (Cont'd)

19157 MIGLIN, SCOTT T
19160 LYONS, BARBARA L
19181 MILLER, GEORGIA M
19221 MILLER, STEVEN A
19236 VALLEY SUPPLY INC
19333 DUNNEWOLD, LAWRENCE J
19360 OCCUPANT UNKNOWN,
19399 WALKER, ORVILLE E
WALKERS CUSTOM AUTO DETAILING
19499 LEONARD, MARK P
19540 SUMMERS, MARGARET K
19551 OCCUPANT UNKNOWN,
19584 OCCUPANT UNKNOWN,
19588 OCCUPANT UNKNOWN,
19607 RAINES, KEN
19720 ARNOLD, THOMAS F
19740 PAGE, TRAVIS D
19820 JACKY, DAVID R
19840 SAPP, WALTER L
19889 GROSJEAN, BARBARA G
19980 BECK, JAY D
20101 PLANTE, PETER E
20175 OCCUPANT UNKNOWN,
20279 KEEN WELL & PUMP INC
20284 HAUGER, RICHARD A
20426 OCCUPANT UNKNOWN,
20428 CENTURION PROPERTY INSPECTIONS INC
20462 ELEY, LARRY
20482 CENTURION PROPERTY INSPECTIONS
20648 PIERCE, DAVID
20820 PAPPAS, NICK J
20821 WONDERS, CLETUS G
20870 SAUNDERS, GERALD E
20875 STRAIGHT, GARY A
20903 HAWKINS, JAMES E

UPPER GILCHRIST RD**2005**

11050 CHESTER, SUE A
11065 BRICKER, ROBERT S
11080 DWYER, EUGENE J
11105 BERGER, JUNIOR J
11176 GASBARRO, PHIL
11201 PORTER, TED E
11301 BODY BASICS LTD
11423 COLDWELL BANKER QUEST INC
PEOPLES BANK THE
STATE FARM INSURANCE
11540 KNOX COUNTY SHERIFFS OFFICE
11555 HOLIDAY INN EXPRESS
MT VERNON STAR PROPERTIES INC
11810 LAUGHREY, STEVE D
11867 BENNETT, ELIJAH
11973 MORRIS, DONALD L
11990 OCCUPANT UNKNOWN,
12000 SAUNDERS, NORMA L
12045 OCCUPANT UNKNOWN,
12067 OCCUPANT UNKNOWN,
12092 MCILVOY, NEIL D
12160 PARK, MICHAEL L
12200 CLARK, ADAM A
12278 CUSTOMS CRAFTED BUILDERS OF OH
WATERS, SCOTT M
12349 STILLINGS, PHILLIP H
12391 LONG, PAULA M
12394 ODELL, PAUL D
12400 CRONIN, WILLIAM M
12460 GERVASE, LYNN A
12498 TEAL, GEORGE F
12520 STITTS, SCOTT R
12556 OCCUPANT UNKNOWN,
12558 MRUMLINSKI, BERNARD F
12576 CAMPBELL, JOHN F
12590 OCCUPANT UNKNOWN,
12606 BALAZS, ARTHUR A
12730 MCGOUGH, JOHN W
12776 MCGOUGH, PAUL E
12848 KELSO, JESS E
12913 JACKSON, DAVID H
12943 OCCUPANT UNKNOWN,
12985 HOAGLAND, MIKE S
12996 SMITH, BETH
13013 CENTOFANTI, DOMINIC J
13105 SNYDER, MIKE E
13123 BURSON, DANIELLE M
13153 MORRIS, KEVIN A
13221 SIMMERMAN, ROBERT A
13281 REFFITT, OAKLEY J

COSHOCTON RD 2000

17000 OCCUPANT UNKNOWN,
17010 RHODES, HARLEY C
17060 OCCUPANT UNKNOWN,
17080 MILL, ROBERT
17421 BRIGHT CHOICE INCORPORATED
17606 SHARON, DAINO
17698 KAM, RAM G
17762 GATES, JIM A
17790 COCHREN, N L
GARDNER, RICKY L
HOYLER, M
MIZER, NANCY L
THOMPSON, REBECCA L
17795 BECKETT, STANLEY
17821 BADAL, STELLA B
17830 MCCALLISTER, RONALD D
17841 FRANZ TIMOTHY & JENNIFER
FRANZ, TIMOTHY
17863 KIDD, WILLIAM
17899 STILTNER, J
17932 NORRIS, VIRGIL R
17939 STOUTENBURG, THERON
17989 STILLWELL, NANCY B
18038 BRANNON, ROBERT
18177 OCCUPANT UNKNOWN,
18185 OCCUPANT UNKNOWN,
18201 BOWER BLAINE GARAGE INCORPORATED
OCCUPANT UNKNOWN,
U HAUL COMPANY INDEPENDENT DEALERS MT VERNON
18250 FOSTER, GARY R
18260 MT VERNON MEMORIAL GARDENS INCORPORATED
OCCUPANT UNKNOWN,
18279 STEWARD, MARK
18287 OCCUPANT UNKNOWN,
18359 Vining, JOHN
18413 MARCUM, G T
18509 STRICKER, DAN
18512 SMITH, EUGENE
18542 HENTHORN, LUCY J
18582 BROWN, ELVIN W
18618 ROGERS, BRAD
18628 OUTCALT, KARL N
18640 CONGER, DEAN
18720 GEIGER, RUSS
18907 BOYD, CHARLES N
18948 ERSKINE, SHULER
19028 WALTON, JOYCE
19037 THARP, RANDY
19081 ERSKINE, THOMAS
19157 HEEBSH INTERIORS

COSHOCTON RD 2000 (Cont'd)

19157 MIGLIN, SCOTT T
19160 OCCUPANT UNKNOWN,
19181 MILLER, CARL
19236 LEISURE TIME PRODUCTS INCORPORATED
VALLEY SUPPLY INCORPORATED
19333 DUNNEWOLD, L
19360 KIRK, RONALD L
19399 OCCUPANT UNKNOWN,
19499 LEONARD, MARK
19540 CLEANING GENIE THE
SUMMERS, DAVID L
19551 SMITH, ALGER T
19560 ZIMMERMAN, CHESTER L
19584 WILLIAMS, STEVE A
19588 ADAMS, LISA R
19607 RAMSEY, DAVID
19619 STEWART, P
19667 RAMSEY, BRENDA J
19707 RAMSEY, BRENDA J
19720 OCCUPANT UNKNOWN,
19740 OCCUPANT UNKNOWN,
19820 OCCUPANT UNKNOWN,
19840 SAPP, WALTER L
19889 GROSJEAN, BARBARA G
19980 BECK, JAY
20101 OCCUPANT UNKNOWN,
20175 OCCUPANT UNKNOWN,
20284 HAUGER, RICHARD
20462 ELEY LARRY CUSTOM BUILDER
LARRY ELEY BUILDER
OCCUPANT UNKNOWN,
20612 KYLE, JON
20648 GRASSBAUGH, C
20820 PAPPAS, K
20821 OCCUPANT UNKNOWN,
20870 SAUNDERS, GERALD E
20875 STRAIGHT, GARY
20903 HAWKINS, APRIL
21021 RYAN, KEITH
21162 MITCHELL, LEE
21311 DERMODY, JOHN P
21539 GILBERT, JACK
21599 ALLMAN, C
21719 CAMPBELL, CURT
21731 ADRIAN, JAMES
21890 MCCORD, RUBY
22159 DOUP, PAUL
23240 BUTLER, BRUCE
26794 LEWIS, LEO

UPPER GILCHRIST RD**2000**

11035 PERRY, REBECCA J
SWETLIC, JAMES A
11050 EDDY, ARTHUR
11065 OCCUPANT UNKNOWN,
11080 DWYER, EUGENE J
MANKOFF, ELLEN S
11105 SEESE, MICHAEL
11176 WHITEHEAD, JAMES
11201 PORTER, TED
11205 OCCUPANT UNKNOWN,
11500 MILLER, ELMER O
11535 PREMIERE THEATRES
11555 HOLIDAY INN EXPRESS
11700 KNOX COUNTY HEAD START CENTERBURG
MID EAST OHIO REGIONAL COUNCIL
SCHOOLS PUBLIC
11810 LAUGHREY, STEVE D
11867 COBURN, HOWARD G
11973 OCCUPANT UNKNOWN,
11990 KING, C A
12000 SAUNDERS, JOHN
12045 LESTER, KATHY L
12067 EVENER, RUTH L
12092 MCILVOY, NEIL E
12160 PARK, MICHAEL
12200 CLARK, ADAM
12349 STILLING, PHILLIP
12361 MILLER, RICK C
12391 ANSEL, ARTHUR
12400 OCCUPANT UNKNOWN,
12460 DAVIS, DORSE
12498 TEAL, GEORGE F
12520 STITTS, TAMMY
12558 OCCUPANT UNKNOWN,
12563 FROST, BERNARD D
12576 CAMPBELL, FRED
12590 HARRIS HEATING & AIR CONDITIONING
HARRIS, WILLIAM L
12606 BALAZS, ARTHUR A
12730 OCCUPANT UNKNOWN,
12848 KELSO, JESS
12913 JACKSON, DAVID H
12943 CRAWFORD, RUTH A
12985 HOAGLAND, MIKE
12996 OCCUPANT UNKNOWN,
13123 BURSON, C
13153 SMITH, A
13221 SIMMERMAN, ROBERT A
13281 REFFITT, OAKLEY

COSHOCTON RD 1995

902	COLONIAL CITY LANES
996	PONDEROSA STEAK HOUSE
998	HARDEES
1000	LEASURE, TROY
1076	AYERS, DORIS
	BODY, DWIGHT
1500	BOB ZABLOUDIL
	KMART PHARMACY
	LITTLE CAESARS PIZZA
	PIC WAY SHOES
1508	999 STOCKROOM
	FAMOUS HAIR
1512	SHOWPLACE RENT TO OWN
1516	HUNAN GARDEN
	LIANG, TAI
1524	FASHION BUG
1530	J C PENNEY CO
1534	MAURICES
1538	DUNKINS DIAMONDS & GOLD
1542	HISSONG ELECTRONICS
	RADIO SHACK
1546	KIRLINS HALLMARK
	KIRLINS, H
1550	BIG BEAR SUPERMARKET
	BIG BEAR SUPERMRKT
	W H COMMUNICATIONS
17000	BRISCOE, DAVID L
17010	RHODES, HARLEY C
17060	HOLSKY, JOHN W
17080	MILL, ROBERT
17291	QUEEN, JEAN
17604	HAMMOND, JAMES E
	JOB CLUB
	KNOX COUNTY JOBS PROGRAM
	KNOX COUNTY JTPA
	KNOX COUNTY LITTER PREVENTION
	KNOX COUNTY WATER & SEWER
17698	KAM RAM GROTTO
	OCCUPANT UNKNOWNNN
17762	BURTON, KENNETH
17790	JONES, DAVID R
	MAY, BRAD
	TAYLOR, LOUISE
	THOMPSON, REBECCA L
17795	BECKETT, STANLEY
17821	BADAL, STEVEN
17830	OCCUPANT UNKNOWNNN
17841	MCINTIRE, HOWARD
17863	KIDD, WILLIAM
17880	OCCUPANT UNKNOWNNN

COSHOCTON RD 1995 (Cont'd)

17889 FOSTER, MARY
17899 OCCUPANT UNKNOWN
17919 MCMURTRY, DIXIE C
17932 OCCUPANT UNKNOWN
17939 STOUTENBURG, THERON
17989 STILLWELL, WENDELL W
18010 BROWN, EDWARD H JR
18038 BRANNON, ROBERT
18177 CONNER, KENNETH
18185 SHEPARD, ELIBETH P
18201 BOWER, BLAINE
18260 HOUCK, C J
MT VERNON MEMORIAL GARDENS INC
18287 PERKINS, LEE P
18359 Vining, LINDA L
18413 OCCUPANT UNKNOWN
18441 READY, ROBERT C
18509 MILLER, VELVA B
18512 SMITH, EUGENE
18542 HENTHORN, LUCY J
18582 BROWN, ELVIN
18618 ROGERS, BRAD
18628 OUTCALT, KARL N
18640 CONGER, DEAN
18720 GEIGER, RUSS
18907 BOYD, CHARLES N
18948 ERSKINE, SHULER
19028 OCCUPANT UNKNOWN
19037 THARP, RANDY
19081 ERSKINE, THOMAS
19157 HEEBSH, RICHARD D
19181 MILLER, CARL
19221 REEDER, FRED
SHINNS DRYWALL & PAINTING
19360 KIRK, RONALD L
19399 BROWN, JOHN N
19499 LEONARD, MARK
19540 CLEANING GENIE
SUMMERS, DAVID L
19551 SMITH, ALGER T
19560 ZIMMERMAN, CHESTER L
19584 WILLIAMS, STEVE A
19588 BRATE, PATRICK
19607 COOPER, ALVA S
19720 ARNOLD, THOMAS F
19820 BROSS, JAMES
19840 SAPP, WALTER L
19889 GROSJEAN, BARBARA G
19980 BARB, TAMMY
20175 WOODS, DARWIN

COSHOCTON RD 1995 (Cont'd)

20284 HAUGER, RICHARD
20380 D & R BUILDING & REMODELING
FRESH TRADITIONS
U S CONCORD
WEDGCOR METAL BUILDINGS SYSTEM
20426 VALLEY MARINA INC
20462 ELEY LARRY BUILDER
20648 GRASSBAUGH, C
20820 A 1 AQUARIUM
PAPPAS, NICK
20821 WONDERS, CLETUS
20870 SAUNDERS, GERALD E
20875 STRAIGHT, GARY
20903 HAWKINS, JAMES E

UPPER GILCHRIST RD

1995

11700 KNOX COUNTY ADMINISTRATION
NEW HOPE SCHOOL

COSHOCTON RD 1992

206	ROHLER, A M
1000	ALLSTATE INS CO
	CLASSIC FAMILY VDO
	MYERS, D L
1002	L N M MOTOR SALES
1005	J&K KAR KARE
	K MART 9032
1010	MURPHYS MART
1057	APPLIANCE RPR CNTR
	HOAGLAND ELEC SERV
	SUNNY SIDE TANNG CT
1059	MCDONALDS MT VERNON
1061	PIZZA HUT
1076	AYERS, DORIS
	BODY, DWIGHT
	COUNTRY COURT
	EASTMAN, KATHRYN N
	GAMBLE, MILDRED
	MOORE, DOROTHY
	PARKER, D
1320	DEZAYAS CHERYL MD
	KNOX GYNECOLOGICAL
1330	KNOX CMTY HSP
	MEDICAL BUR ANS SRV
	ORAL FACIAL SURGERY
1401	KROGER CO THE
1411	SUPER X DRUGS
17000	BRISCOE, DAVID L
17010	RHODES, HARLEY C
17080	MILL, ROBERT
17421	W M V O 1300 AM STA
	W Q I O SPR Q OFC
17604	KNOX CO WATER&SEWER
17698	KAM RAM GROTTO
	KAM, RAM G
17762	BROWN, CHARLES L
17795	BECKETT, STANLEY
17830	SPELLMAN, FORREST
17841	FRANZ, TIMOTHY
17880	CLARK, WILSON P
17899	FOSTER, C H
17939	STOUTENBURG, THERON
17989	STILLWELL, WENDELL W
18010	BROWN, EDWARD H JR
18185	SHEPARD, ELIBETH P
18201	BOWER, BLAINE
18260	MT VERNON MMRL GRDN
18359	VINING, JOHN
18441	READY, ROBERT C
18509	MILLER, VELVA B

COSHOCTON RD 1992 (Cont'd)

18542 KREAKBAUM, OTTO
18628 OUTCALT, KARL N
18640 CONGER, DEAN
18720 GEIGER, RUSS
18907 BOYD, CHARLES N
18948 ERSKINE, SHULER
19037 THARP, RANDY
19221 SHINN, WAYNE
SHINNS DRYWLL&PNTNG
19360 KIRK, RONALD L
19499 LEONARD, MARK
19551 SMITH, ALGER T
19560 ZIMMERMAN, CHESTER L
19607 COOPER, ALVA S
19720 ARNOLD, THOMAS F
19820 BROSS, JAMES
19840 SAPP, WALTER L
19889 GROSJEAN, BARBARA G
19980 BECK, RICHARD E
20175 WOODS, DARWIN
20284 HAUGER, RICHARD
20426 VALLEY MARINA INC
20648 GRASSBAUGH, C
20820 BLUBAUGH, GLEN D
20821 WONDERS, CLETUS
20870 SAUNDERS, GERALD E
20875 STRAIGHT, GARY
20903 HAWKINS, JAMES E
105712 MCCOY, TIM
177901 ELKINS, JAMES E
177902 CARPENTER, L A
177903 THOMPSON, R L

UPPER GILCHRIST RD**1992**

11065 LOONEY, ROBERT E JR
11500 MILLER, ELMER O
11700 SC NEW HOPE
11810 LAUGHREY, STEVE D
11867 COBURN, HOWARD G
11990 LANG, TROY J
12000 SAUNDERS, JOHN
12045 LESTER, K L
12067 EVENER, RUTH L
12092 MCILVOY, NEIL E
12160 PARK, MICHAEL
12340 CRAWFORD, DELBERT
12361 MILLER, R C
12391 ANSEL, ARTHUR
12400 CRONIN, WILLIAM
12498 TEAL, GEORGE F
12563 FROST, BERNARD D
12576 CAMPBELL, FRED
12590 HARRIS, D
12606 BALAZS, ARTHUR A
12913 JACKSON, DAVID H
12996 CORNELIUS, ROBERT
13281 REFFITT, OAKLEY

COSHOCTON AVE 1990

NUMBERS IRREGULAR
17421 Mount Vernon Broadcasting
Co 397-1000
UPPER GILCHRIST RD
INTERSECTS
17060 Eddy Carl L ☎ 397-8428
17080 Mill Bob ☎ 397-8377
1560 Briscoe David L 397-9627
17010 Rhodes Harley 397-8132
17604 County Water & Sewer
Dept 397-7041
17604a Jobs Program Building
392-9675
17604b County J T P A 397-7041
18010 Brown Edw H ☎ 397-2502

COSHOCTON AVE 1985

**UPPER GILCHRIST RD
INTERSECTS****17060★Eddy C****17080★Mill Bob ◎****17291★Queen Harley 397-4870****18010★Brown Edward H Jr ◎****Knox County Bd Of Mental
Retardation 397-9304**

COSHOCTON AVE 1985

COSHOCTON AV RT 6—Contd
New Hope Center (Knox
Cnty Bd Mntl Retardation)
397-9304

COSHOCTON AVE 1980

end Mount Vernon Broadcasting

Co 397-1000

W M V O Broadcasting
Station 397-1000

Knox County Bd Of Mental
Retardation 397-9304

New Hope Center-Knox Cnty
Bd Mntl Retardation
397-9304

New Hope Ind Inc adult
workshop 392-9051

COSHOCTON AVE 1975

end Mount Vernon Broadcasting
Co 392-0946

W M V O Mount Vernon
Broadcasting Co 392-0946

Mount Vernon Cablevision Inc
av (rt 1) 397-2288

Knox County Bd Of Mental
Retardation 397-9304

Knox New Hope Center-
Knox Cnty Bd Mntl
Retardation 397-9304

New Hope Ind Inc adult
workshop 397-9304

COSHOCTON AVE 1970

end Mount Vernon Broadcasting
Co 392-0946
W M V O Radio Station
392-0946

COSHOCTON AVE 1970

**C A T V Mount Vernon
Cablevision av (rt 1)
397-2288**

COSHOCTON AVE 1968

**END MOUNT VERNON
BROADCASTING CO
392-0946
W M V O RADIO STATION
382-0946**

COSHOCTON AVE 1964

902 Charger Lanes bowling

393-8045

end Mt Vernon Broadcasting Co

392-0946

WMVO Radio Sta 392-0946

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix D

User Provided Information

Kimley » Horn

ASTM E1527-13 USER QUESTIONNAIRE

Site Name:	17795 Coshocton Road, Mount Vernon, Ohio 43050
Client Name:	Justin Lowe
Client Contact and Phone Number:	jlowe@rockfordhomes.net 614-785-0015
Date:	01/25/2022

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"),¹⁸⁸ the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25).

Are you aware of any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

No

(2.) Activity and use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26(a)(1)(v) and vi)).

Are you aware of any Activity and Use Limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

Yes

(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses of the *property*?

Yes, Ag

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

No

(c.) Do you know of spills or other chemical releases that have taken place at the *property*?

No

(d.) Do you know of any environmental cleanups that have taken place at the *property*?

No

(6.) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *property*?

No

¹⁸⁷

Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide) issued on March 6, 2003.

¹⁸⁸

P.L 107-118.

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix E

Records of Communication

From: [Duane Van Horn](#)
To: [Williams, Justin](#)
Cc: [Brian Ball](#)
Subject: Re: Engineering Dept Records Request - 17795 Coshocton Rd, Mount Vernon, OH
Date: Wednesday, December 22, 2021 2:32:12 PM

Justin, I have searched our address file for 17795 Coshocton Road and have found no information matching your request criteria.

Thanks,
Duane Van Horn
Engineering Technician
City of Mount Vernon
Engineering Department
40 Public Square
Mount Vernon, OH 43050
Phone: (740) 393-9528

On Tue, Dec 21, 2021 at 7:41 PM Williams, Justin <Justin.Williams@kimley-horn.com> wrote:

Brian,

Thank you. Much appreciated.

Regards,
Justin

Sent from my iPhone

On Dec 21, 2021, at 5:53 PM, Brian Ball <engineer@mountvernonohio.org> wrote:

Justin,
Duane what will process your request.

Thank you, Brian Ball

On Tue, Dec 21, 2021, 5:44 PM Williams, Justin <Justin.Williams@kimley-horn.com> wrote:

Dear Mount Vernon Engineering Department,

Please find attached the records request for available files as it pertains to the approximately 85-acre property located at 17795 Coshocton Road, Mount Vernon, Ohio 43050. Please let me know if you need any additional

information to complete the request. Thank you.

Best wishes,

Justin

Justin S. Williams | Environmental Scientist

Kimley-Horn | 7965 North High Street, Suite 200, Columbus, OH 43235

Direct: 380 215 1794 | Mobile: 614 216 8426

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Secured by Google.

From: [Cathy Miller](#)
To: [Williams, Justin](#)
Subject: 17795 Coshocton Road
Date: Wednesday, January 5, 2022 8:22:41 AM
Attachments: [20220105083128129.pdf](#)

Good morning,

Please find attached the file contents for 17795 Coshocton Road, Mount Vernon. The file was misfiled and found this morning. I hope the information is helpful.

Sincerely,

cathy

Cathy Miller
Administrative Assistant
Environmental Health Division

Phone 740-392-2200 **Ext.** 2222 **Fax** 740-392-9613
11660 Upper Gilchrist Rd., Mount Vernon, OH 43050

[www.knoxhealth.com](#) [www.facebook.com/knoxhealth](#)

 **How are we doing?** [Click here to take a quick survey.](#) (Just 5 questions!)



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**City of Mount Vernon, Ohio
Demolition Permit**

received

09/19/19 ICS

2019 -DEMO-009

Site Identification

Site Address: 17795 Coshocton Road

Parcel Number(s): 71-00050.000

Historic District? Yes No

District? High Street

Gambier Street

Main Street

Downtown

Project Information

Type of Structure: Wood Frame

Present Use: Vacant

Proposed Start Date: 9/16/2019

Expected Completion Date: 10/31/2019

Disposal Facility: *If more than one facility is required, please provide this information for all facilities used.*

Name: Walnut C & DD

Address: 8675 Lancaster Newark Rd., Baltimore, OH 43105

Phone: 740-862-0751

Yes No

- Does the demolition include more than one single family residential building or a residential building containing more than four (4) dwelling units? If yes, please provide a copy of the Ohio EPA Notification of Demolition.
- Does this site require an asbestos survey? If yes, please provide a copy of the survey/results.
- Does the site have City water service?
- Does the site have City sanitary sewer service?
- Does the site have an existing water well? Provide a copy of the appropriate information from the Knox County Health Department.
- Does the site have a septic system? Provide a copy of the appropriate information from the Knox County Health Department.
- Does the site require Historical Review Commission certificate of appropriateness? If yes, attach a copy of the certificate.

Contact Information

Property Owner

Name: JSJD Development LLC

Firm:

Address: 1446 Park Road

City, State, Zip: Mount Vernon, OH 43050

e-mail:

Phone: 740-504-9567

Mobile:

Contractor

Name: United Aggregates Inc

Firm:

Address: 14220 Parrott St. Ext.

City, State, Zip: Mount Vernon, OH 43050

e-mail: Lstenger@ellisbros.net

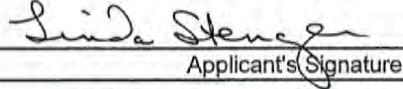
Phone: 740-397-0000

Mobile: 740-507-4862

Signature and Certifications

I hereby certify that the demolition and related work will comply with the ordinances and rules and regulations of the City of Mount Vernon, Ohio. This includes all required inspections and certifications.

Date: September 11, 2019


Linda Stenger
Applicant's Signature

City Approval

Date: 19 SEP 2019



Brian Ball, City Engineer

Comments: WANT TO KEEP WELL FOR FUTURE DEVELOPMENT
MUST ABANDON SEPTIC TANK.

Fee

\$50.00

Total Fee Due

Date Paid:

9/16/2019

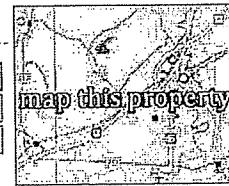
Receipt No.

2951

Data For Parcel 71-00050.000

Base Data

Parcel:	71-00050.000
Owner:	JSJD DEVELOPMENT LLC
Address:	17795 COSHOCOTON RD



Tax Mailing Address

Tax Mailing Name:	JSJD DEVELOPMENT LLC
Address:	1446 PARK RD
City State Zip:	MOUNT VERNON OH 43050

Owner Address

Owner Name:	JSJD DEVELOPMENT LLC
Address:	1446 PARK RD
City State Zip:	MOUNT VERNON OH 43050

Geographic

City:	MOUNT VERNON CITY
Township:	MONROE TOWNSHIP
School District:	MOUNT VERNON LSD

Legal

Legal Acres:	84.626	Homestead Reduction:	NO
Legal Description:	12 7 3 SW PT SE SEC 17 84.626A	2.5% Reduction	NO
Land Use:	111 - CASH - GRAIN OR GEN FARM QUAL	Foreclosure:	NO
Neighborhood:	14901	Board of Revision:	NO
Number Of Cards:	1	New Construction:	NO
Annual Tax (Does not include delinquencies.):	\$4,178.74	Divided Property:	NO
Map Number:		Routing Number:	49-00495-215000

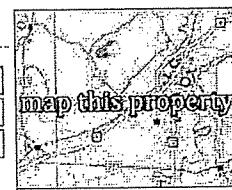
Report Discrepancy

The CAMA data presented on this website is current as of 9/11/2019 2:19:51 AM.

Data For Parcel 71-00050.000

Improvements Data

Parcel:	71-00050.000
Owner:	JSJD DEVELOPMENT LLC
Address:	17795 COSHOCOTON RD



Card 1 of 1

Improvements

Improvement Code	Description	Length	Width	Total Area	Year Built
LEANTO	Lean To	20	12	240	1930
POULTRY	Poultry - Hen/Chicken Hse	12	11	132	1930
PLBN	Pole Barn	48	40	1920	1998
FLBN	Flat Barn	20	14	280	1930
UTSHED	Utility Shed	26	20	520	1930

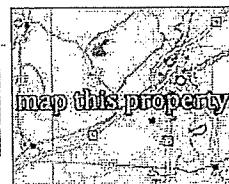
Report Discrepancy

The CAMA data presented on this website is current as of 9/11/2019 2:19:51 AM.

Data For Parcel 71-00050.000

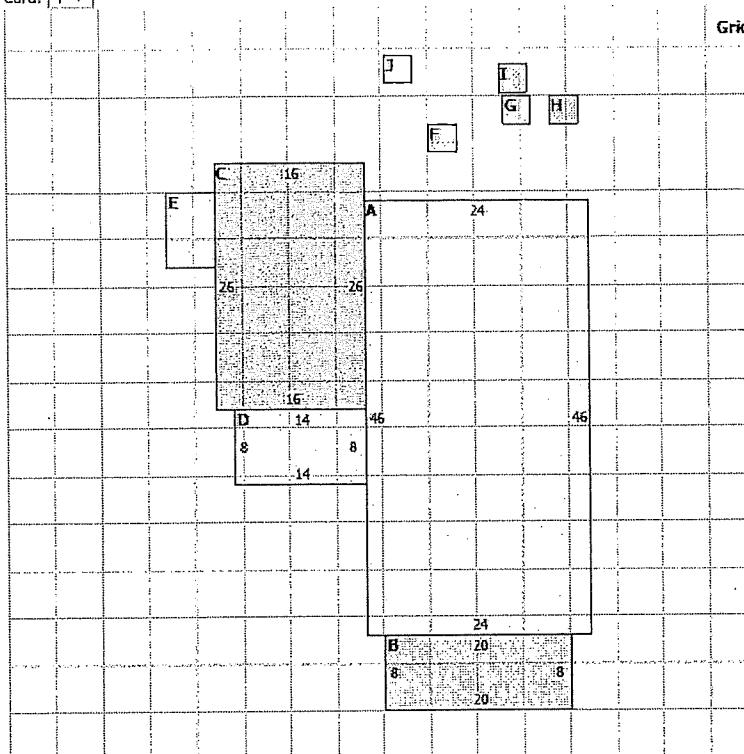
Sketch Data

Parcel:	71-00050.000
Owner:	JSJD DEVELOPMENT LLC
Address:	17795 COSHOCTON RD



Sketch

Card: 1 ▼



Grid Scale: 5ft

A	1-1/2 s Fr/B 1104 sqft
B	OMP 160 sqft
C	1SFRA 416 sqft
D	EFP 112 sqft
E	OMP 40 sqft
F	O1
G	O2
H	O3
I	O4
J	O5

Sketch Labels

A	ATTIC
AA	ATTIC ADDITION
AFCP	ATTACHED FRAME CARPORT
AFG	ATTACHED FRAME GARAGE
AFGFQ	ATTACHED FRAME GARAGE WITH FULL QUARTERS
B	BASEMENT
BA	BASEMENT ADDITION
BSG	BASEMENT GARAGE
EFP	ENCLOSED FRAME PORCH
FQ	FULL LIVING QUARTERS
HQ	WITH HALF LIVING QUARTERS
MSDK	MASONRY DECK
O	OUTBUILDING
OPF	OPEN FRAME PORCH
OMP	OPEN MASONRY PORCH
OPMF	OPEN PATIO MASONRY FLOORING
SBRA	STORY BRICK ADDITION
SFP	SCREEN FRAME PORCH
SFRA	STORY FRAME ADDITION
WDDK	WOOD DECK

Report Discrepancy

KNOX COUN. Y HEALTH DEPARTMENT

Working for a healthier and safer community

1900

Health Commissioner

Dennis G. Murray, M.P.H.

Board of Health

President

Edward Bowlus, D.V.M.

President Pro-Tem

Mary deVillers

Board Members

Ronda Hathaway, R.N.

Gary Mizer

L. Keith Plocki, M.D.

David Pressler, D.D.S.

Dorothy Thompson

Joan Tyson

Art Ward

17604B
Coshocton Road

Mount Vernon
Ohio, 43050

Phone
740-392-2200

Fax
740-392-9613

An equal opportunity
employer/provider

NOTICE: SEPTIC TANK CLEANING

As part of doing business in Knox County, each septic tank cleaner and installer shall submit a copy of this form for every household system which is cleaned or repaired.

NAME OF PROPERTY OWNER Beckett

MAILING ADDRESS OF PROPERTY OWNER 17795 Coshocton Rd
MU

ADDRESS OF PROPERTY Same
(number) (road name) (town)

TOWNSHIP Mount

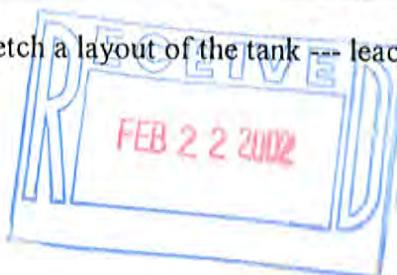
WORK PERFORMED BY Hawks 9-00
(CO. NAME) (REGISTRATION #)

DATE PUMPED Dec 20, 01 GALLONS PUMPED 500

WAS SYSTEM WORKING AT THAT TIME? YES NO

TYPE AND CONDITION OF TANK home built fair

Briefly sketch a layout of the tank --- leach area --- and give location of well



Please return forms to the Knox County Health Department.

providing care • preventing disease • promoting health

Analysis Report - Fax Copy

MASI ENVIRONMENTAL SERVICES
P. O. Box 1440
Dublin, Ohio 43017
(614) 873-4654

Page: 1
Date: 12/11/00

KNOX CO HEALTH DEPT
DENNIS G MURRAY
17604B COSHOCTON RD
MT VERNON OH 43050

Customer No: 0000000106
AR Sheet No: 0000028829-AR
Chemical Certification 4039
Bacterial Certification 877

Dear Client:

Along with your results listed below we would like to thank you for allowing MASI to assist you with your environmental testing requirements.

Account Name: KNOX CO HEALTH DEPT	Private
Sampler Name: RODNEY BECKETT	PWS ID No:
Sample Date: 12/07/00	STU ID No:
Sample Time: 13:30	PO No:
Sample Type: POTABLE	County: KNOX
Sample Monitoring Point:	Chlorinated: <input checked="" type="checkbox"/>
Sample Tap: BASEMENT TAP	Repeat No:
Sample Address: 17795 COSHOCTON RD MT VERNON	
Sample ID:	

Test Requested	Lab Number	Method Number	Analyst Number	Date Analyzed
----------------	------------	---------------	----------------	---------------

Total Coliform NEGATIVE 100ML	44765	MMO-MUG-SM 9223	2146	12/08/00 17:10
----------------------------------	-------	-----------------	------	-------------------

SAFE J.D.



P.O. Box 1440

Dublin, Ohio 43017

Phone (614) 873-4654

ANALYSIS REPORT

PAGE: 1
DATE: 09/28/95

KNOX COUNTY HEALTH DEPT.
WILLIAM ROHLER
117 EAST HIGH STREET
MOUNT VERNON OH 43050

CUSTOMER #: 00106
AR SHEET #: 0636693
SAMPLE DATE: 09/25/95
SAMPLE TIME: 11:30
COUNTY :KNOX
PWS #:
PO #:

DEAR CLIENT,

ALONG WITH YOUR RESULTS LISTED BELOW WE WOULD LIKE TO EXTEND OUR THANKS
FOR THIS OPPORTUNITY TO HAVE SERVED YOU.

ACCOUNT NAME: KNOX COUNTY HEALTH DEPT.

CHEMICAL CERTIFICATION 4039

SAMPLER NAME: STANLEY BECKETT

BACTERIAL CERTIFICATION 877

SAMPLE ID/LOCATION :
17795 COSHOCTON RD MT VERNON KITCHEN SINK

TEST REQUESTED

TEST RESULTS

LAB #

METHOD

ANALYST

DATE

ANALYZED

TOTAL COLIFORM
NEGATIVE / 100 ML

15654 909A/AEM4-89

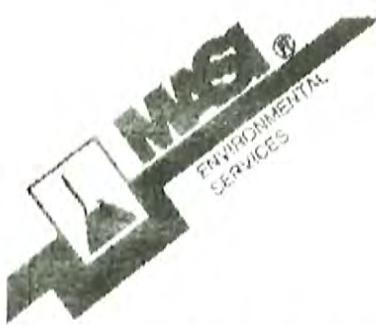
AM

09/26/95

09/28/95 15:24 1047

MAST LABS

002



P.O. Box 1440 • Dublin, Ohio 43017 • Phone (614) 873-4654

ANALYSIS REPORT

PAGE: 1
DATE: 09/28/95

KNOX COUNTY HEALTH DEPT.
WILLIAM ROHLER
117 EAST HIGH STREET
MOUNT VERNON OH 43050

CUSTOMER #: 00106
AR SHEET #: 0636693
SAMPLE DATE: 09/26/95
SAMPLE TIME: 11:30
COUNTY: KNOX
PWS #: 4
PO #: 4

DEAR CLIENT,

ALONG WITH YOUR RESULTS LISTED BELOW WE WOULD LIKE TO EXTEND OUR THANKS FOR THIS OPPORTUNITY TO HAVE SERVED YOU.

ACCOUNT NAME: KNOX COUNTY HEALTH DEPT. CHEMICAL CERTIFICATION 4039

SAMPLER NAME: STANLEY BECKETT BACTERIAL CERTIFICATION 877

SAMPLE ID/LOCATION
17795 CUSHOCION RD MT VERNON KITCHEN SINK

TEST REQUESTED

TEST RESULTS

TOTAL COLIFORM
NEGATIVE / 100 ML

LAB #: 15654

METHOD: 909A/AEM4-89

ANALYST: AM

DATE: 09/26/95

SAFE

S. Becke

Ohio Department of Health

Sanitary Chemistry Section

Agency: Knox County Health Dept

Division Program:

Analysis Reported To: CO CDO SE
 NE SW NW

Environmental Sample Submission Report

Laboratory: Central SE NE SW NWSample Number: 87224015Analyst: HeidiSupervisor: HeidiDate Received: 8/12/08Date Reported: 8/27/08

Sample Identification

Station: Stanley Beckett

Grab Sample Date or Beginning Date of Composite Sample—Use Military Time

Year Month Day Hour Minute
8 7 08 18 11 00ID Number: SCAddress: 17795 Coshocton RdCity: Mt Vernon Zip: 43050County: Knox Phone: 397-9402Collected By: Don Cook

Ending Date of Composite Sample—Use Military Time

Year Month Day Hour Minute CVT S/T TYP

Field Treatment:

Additional Information—Analyst Remarks—Non Routine Analytical Requests

 Filtered CuSO₄ + H₃PO₄Water Flows From a Spring - Cows Drink it! Iced H₂SO₄ Knox County General Health District NaOH HNO₃ 117 East High Unpreserved Other (explain) Mount Vernon, Ohio 43050(614) 397-2727Remit all bill To
Knox Co H.D.

<input type="checkbox"/> Sample Code	P115.	<input type="checkbox"/> Conductivity, Field, U-MHO	P94.	<input type="checkbox"/> Chlorine Total Resd mg/l	P50060.
<input type="checkbox"/> pH, Field S.U.	P400.	<input type="checkbox"/> Flow, Instantaneous CFS	P61.	<input type="checkbox"/> Water Temperature, Field	P10.
<input type="checkbox"/> Dissolved Oxygen, Field mg/l	P300.	<input type="checkbox"/> Hydrogen Sulfide mg/l	P71875.	<input type="checkbox"/> Sample Purpose	P71999.
<input type="checkbox"/> Stream Gage	P65.	<input type="checkbox"/> Chlorine Free Avl, Field mg/l	P50064.	<input type="checkbox"/>	

<input type="checkbox"/> Regular (or indicate by checking boxes)		<input type="checkbox"/> Phosphorus Sol. P mg/l	P666.	<input type="checkbox"/> Lithium Total, Li ug/l	P1132.
<input type="checkbox"/> Turbidity FTU	P76.	<input type="checkbox"/> Phosphate Reactive P mg/l	P70507.	<input type="checkbox"/> Manganese Total, Mn ug/l	P1055.
<input type="checkbox"/> Color Pt-Co	P80.	<input type="checkbox"/> Chloride, Cl mg/l	P940.	<input type="checkbox"/> Mercury Total, Hg ug/l	P71900.
<input type="checkbox"/> Conductivity at 25°C U-MHO	P95.	<input type="checkbox"/> Fluoride Total, F mg/l	P951.	<input type="checkbox"/> Molybdenum Total, Mo ug/l	P1062.
<input type="checkbox"/> pH, Lab S.U.	P403.	<input type="checkbox"/> Cyanide,CN mg/l	P720.	<input type="checkbox"/> Nickel Total, Ni ug/l	P1067.
<input type="checkbox"/> pH, CaCO ₃ Stability S.U.	P70311.	<input type="checkbox"/> Silica, Diss. SiO ₂ mg/l	P955.	<input type="checkbox"/> Selenium Total, Se ug/l	P1147.
<input type="checkbox"/> Alkalinity Total, CaCO ₃ mg/l	P410.	<input type="checkbox"/> Calcium Total, Ca mg/l	P916.	<input type="checkbox"/> Silver Total, Ag ug/l	P1077.
<input type="checkbox"/> Alkalinity Phth, CaCO ₃ mg/l	P415.	<input type="checkbox"/> Magnesium Total, Mg mg/l	P927.	<input type="checkbox"/> Strontium Total, Sr ug/l	P1082.
<input type="checkbox"/> Alkalinity CaCO ₃ Stabl, mg/l	P74023.	<input checked="" type="checkbox"/> Sodium Total, Na mg/l	P929. <u>410</u>	<input type="checkbox"/> Thallium Total, Tl ug/l	P1059.
<input type="checkbox"/> Acidity Total, CaCO ₃ mg/l	P70508.	<input type="checkbox"/> Potassium Total, K mg/l	P937.	<input type="checkbox"/> Tin Total, Sn ug/l	P1102.
<input type="checkbox"/> Acidity M.O. CaCO ₃ mg/l	P436.	<input type="checkbox"/> Aluminum Total, Al ug/l	P1105.	<input type="checkbox"/> Titanium Total, Ti ug/l	P1152.
<input type="checkbox"/> Hardness Total, CaCO ₃ mg/l	P900.	<input type="checkbox"/> Antimony Total, Sb ug/l	P1097.	<input type="checkbox"/> Vanadium Total, V ug/l	P1087.
<input type="checkbox"/> Residue, Total mg/l	P500.	<input type="checkbox"/> Arsenic Total, As ug/l	P1002.	<input type="checkbox"/> Zinc Total, Zn ug/l	P1092.
<input type="checkbox"/> Residue, Total Volatile mg/l	P505.	<input type="checkbox"/> Barium Total, Ba ug/l	P1007.	<input type="checkbox"/> Carbon Total, Organic C mg/l	P680.
<input type="checkbox"/> Residue, Total Nfilt (Sus) mg/l	P530.	<input type="checkbox"/> Beryllium Total, Be ug/l	P1012.	<input type="checkbox"/> Carbon Diss, Organic C mg/l	P681.
<input type="checkbox"/> Residue, Vol, Nfilt mg/l	P535.	<input type="checkbox"/> Bismuth Total, Bi ug/l	P1017.	<input type="checkbox"/> Phenol ug/l	P32730.
<input type="checkbox"/> Residue, Total Filt (Diss) mg/l	P70300.	<input type="checkbox"/> Boron Total, B ug/l	P1022.	<input type="checkbox"/> MBAS mg/l	P38260.
<input type="checkbox"/> Residue, Vol Filt mg/l	P520.	<input type="checkbox"/> Cadmium Total, Cd ug/l	P1027.	<input type="checkbox"/> Oil-Grease, Total mg/l	P556.
<input type="checkbox"/> Residue, Settible ml/l	P545.	<input type="checkbox"/> Chromium Total, Cr ug/l	P1034.	<input type="checkbox"/> BOD, 5-Day mg/l	P310.
<input type="checkbox"/> Sulfate, SO ₄ mg/l	P945.	<input type="checkbox"/> Chromium Hex, Cr ug/l	P1032.	<input type="checkbox"/> COD mg/l	P335.
<input type="checkbox"/> Nitrogen TKN, N mg/l	P625.	<input type="checkbox"/> Cobalt Total, Co ug/l	P1037.	<input type="checkbox"/> TOD mg/l	P343.
<input type="checkbox"/> Nitrogen Ammonia, N mg/l	P610.	<input type="checkbox"/> Copper Total, Cu ug/l	P1042.	<input type="checkbox"/>	
<input type="checkbox"/> Nitrite, Nmg/l	P615.	<input type="checkbox"/> Iron Total, Fe ug/l	P1045.	<input type="checkbox"/>	
<input type="checkbox"/> Nitrate-Nitrite, N mg/l	P620.	<input type="checkbox"/> Iron Diss., Fe ug/l	P1046.	<input type="checkbox"/>	
<input type="checkbox"/> Phosphorus Total, P mg/l	P665.	<input type="checkbox"/> Lead Total, Pb ug/l	P1051.	<input type="checkbox"/>	

Distribution: 1—Data Processing 2—Central Office 3—District Office 4—Owner 5—Laboratory

Knox County General Health District

117 East High

Mount Vernon, Ohio 43050

From: [Kyle Shackle](#)
To: [Williams, Justin](#)
Cc: [Cathy Miller](#); [Landon Magers](#)
Subject: 17795 Coshocton Road
Date: Wednesday, January 5, 2022 11:48:55 AM

You don't often get email from kshackle@knoxhealth.com. [Learn why this is important](#)

Justin,

A registered installer with Knox County will have to perform the duties of the septic system abandonment. You can find the list on our website. www.knoxhealth.com, there is also a septic tank abandonment form on that same site that will need to be filled out and submitted. The contractor will generally call us once they have completed the work so that we can verify the work has been done properly. Please let me know if you have any other questions.

--

Kyle

Kyle Shackle, REHS
Environmental Health

Phone # 740-392-2200 Ext. 2227 Fax 740-326-1926
11660 Upper Gilchrist Rd., Mount Vernon, OH 43050

www.knoxhealth.com www.facebook.com/knoxhealth



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RECORD OF VERBAL COMMUNICATION

Date: December 4, 2021

Time: 11:45pm

Project Number: 190066008

Contact: Tom Clinedinst

Company/Agency: Monroe Township, Knox County, Ohio Fire Department

How Initiated (telephone, in-person, e-mail/text): Telephone

Summary

Kimley-Horn contact the Monroe Township (Knox County) Fire Department for any information on field concerning past or present underground or above ground storage tanks or known hazardous material/chemical spills at or in proximity to the subject property. Mr. Tom Clinedinst of the Monroe Township Fire Department indicated in a telephone interview on December 4, 2021 that the fire department does not have any records on file for the subject property or nearby sites.

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix F

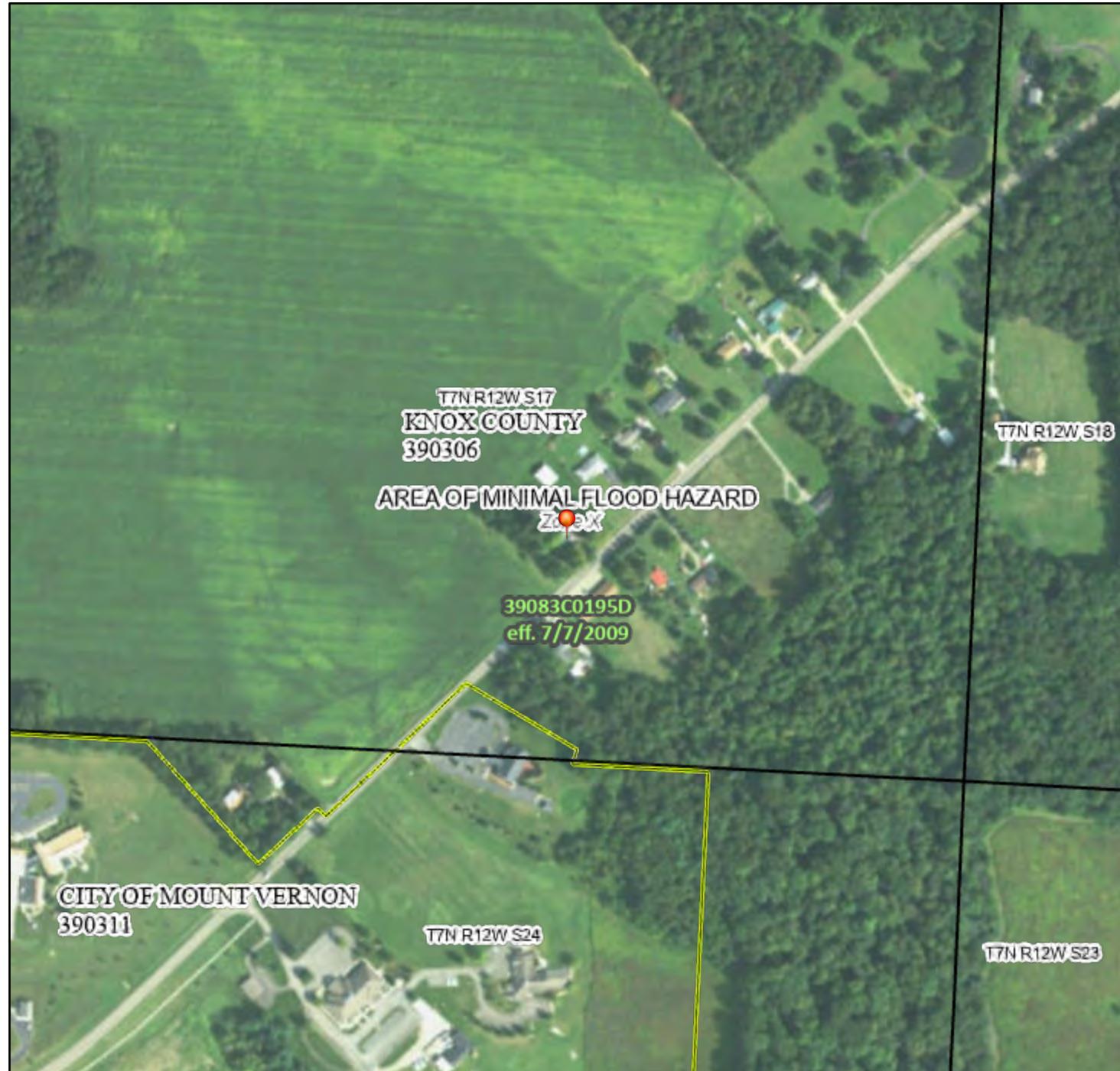
Additional Supporting Documentation

National Flood Hazard Layer FIRMette



FEMA

82°26'10"W 40°24'40"N



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

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 OF FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

Area of Undetermined Flood Hazard Zone D

OTHER AREAS

Channel, Culvert, or Storm Sewer

Levee, Dike, or Floodwall

GENERAL STRUCTURES

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

OTHER FEATURES

Digital Data Available

No Digital Data Available

Unmapped



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 12/29/2021 at 4:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: 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.

Soil Map—Knox County, Ohio (Site Location)



Soil Map may not be valid at this scale.

Map Scale: 1:5,440 if printed on A portrait (8.5" x 11") sheet.

0 50 100 200 300 Meters

0 250 500 1000 1500
Mpc/h WLM LSS SFG WGCC15 LSS LTM7 17M WGCC15



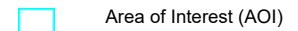
Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/29/2021
Page 1 of 3

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: Knox County, Ohio

Survey Area Data: Version 19, Sep 8, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 31, 2010—Aug 27, 2016

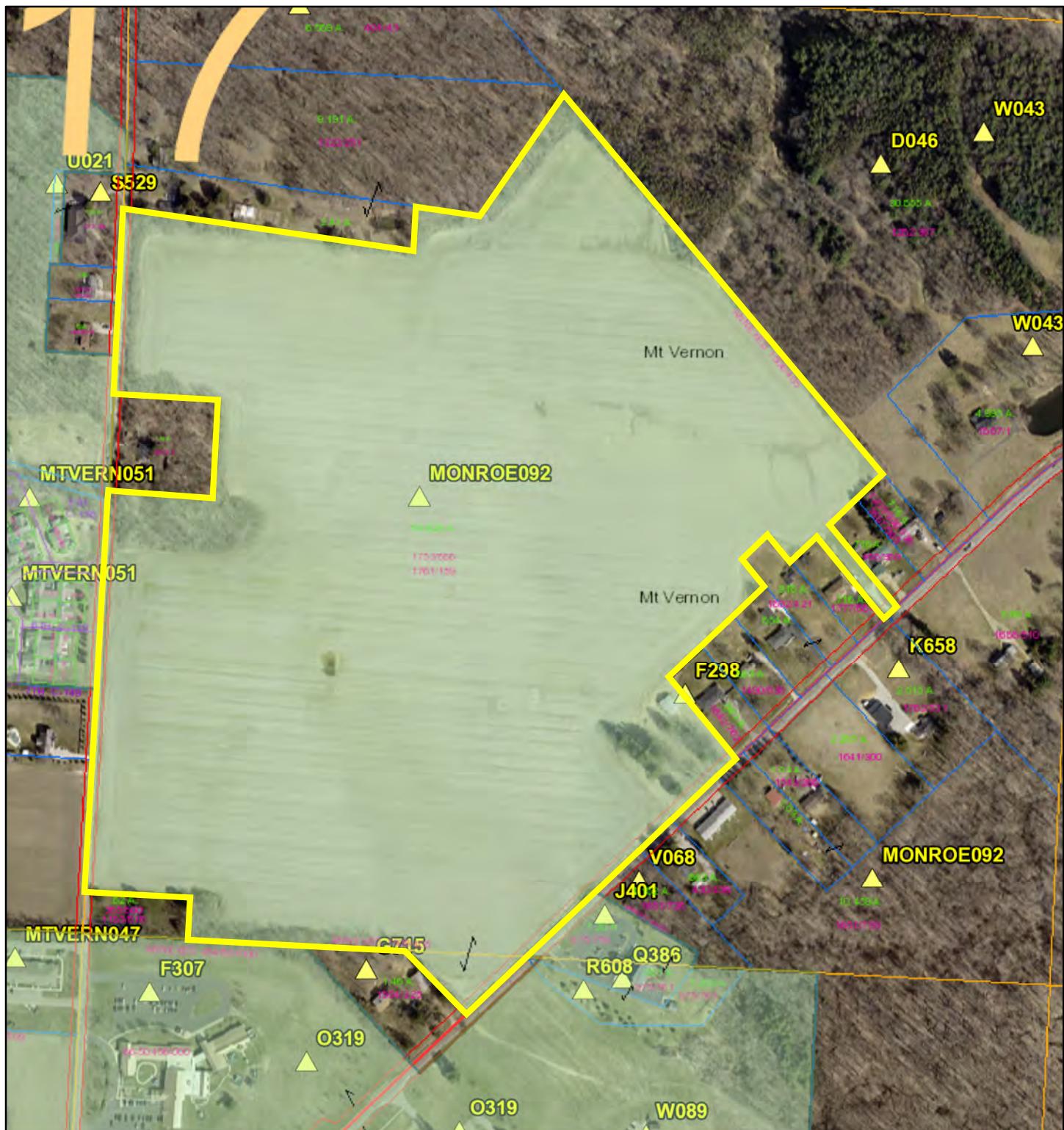
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HwB	Homewood silt loam, 2 to 6 percent slopes	24.7	30.4%
LvB	Loudonville silt loam, 2 to 6 percent slopes	22.5	27.7%
LvC	Loudonville silt loam, 6 to 12 percent slopes	12.6	15.5%
TvB	Titusville silt loam, 2 to 6 percent slopes	21.4	26.4%
Totals for Area of Interest		81.3	100.0%

Parcel ID: 71-00050.000



December 20, 2021

1 inch -

1 inch = 400 feet

Scale - 1:4,800

1 inch = 0.076 miles

Search Results

Township Road

Survey Points

US Route

Centerline

County Road

Knox County, OH; Bruce Harris & Associates

State Route



Summary

Parcel Number	71-00050.000
Map Number	
Location Address	17795 COSHOCTON RD
Acres	84.626
Legal Description	12 7 3 SW PT SE SEC 17 84.626A (Note: Not to be used on legal documents.)
Land Use	111 - Cash - grain or gen farm qual (Note: Land Use is for valuation purposes only. Consult the local jurisdiction for zoning and legal use..)
Neighborhood	14901 - MONROE-MT VERNON GEN
City	MT. VERNON CITY2
Township	
School District	MOUNT VERNON CSD
Homestead Reduction:	No
Owner Occupancy Credit:	No
Foreclosure	No
Board of Revision	No

Map

[View Map](#)

Notes

Routing Number: 49-00495-215000

Owners

Owner Address	Tax Payer Address
CASEY'S WAY LLC C/O CORNEL VAN GORP 1909 ROUNDWYCK LN POWELL OH 43065	CASEY'S WAY LLC C/O CORNEL VAN GORP 1909 ROUNDWYCK LN POWELL OH 43065

Valuation

Assessed Year	2021	2020	2019	2018	2017
Land Value	\$363,860	\$370,860	\$284,650	\$284,650	\$284,650
CAUV Value	\$75,540	\$82,540	\$149,920	\$149,920	\$149,920
Improvements Value	\$14,510	\$93,430	\$67,340	\$85,940	\$85,940
Total Value (Appraised 100%)	\$378,370	\$464,290	\$351,990	\$370,590	\$370,590
Land Value	\$127,350	\$129,800	\$99,630	\$99,630	\$99,630
CAUV Value	\$26,440	\$28,890	\$52,470	\$52,470	\$52,470
Improvements Value	\$5,080	\$32,700	\$23,570	\$30,080	\$30,080
Total Value (Assessed 35%)	\$31,520	\$61,590	\$76,040	\$82,550	\$82,550

Land

Land Type	Calculated Acres	Actual Frontage	Effective Frontage	Depth	Depth Factor	Base Rate	Unit Rate	Adjusted Rate	Appraised Value (100%)
HS - Homesite	1	0	0		100%	28000	28000	28000	\$21,000
T - Tillable	39.066	0	0		100%	4500	4500	4500	\$175,800
P - Pasture	43.601	0	0		100%	3825	3825	3825	\$166,770
W - Waste	0.959	0	0		100%	300	300	300	\$290
Total	84.6260								\$363,860

Ag Soil

Soil Type	Land Usage	Land Type	Acres	Base Rate	CAUV Value (100%)
LVB LOUDONVILLE	C - Crop	CP - CP	21.707	960	\$20,840
LVC LOUDONVILLE	C - Crop	CP - CP	11.15	590	\$6,580
TVB TITUSVILLE	C - Crop	CP - CP	21.58	540	\$11,650
HWB HOMEWOOD	C - Crop	CP - CP	25.53	570	\$14,550
TVB TITUSVILLE	W - Woodland	WD - Woods	0.2	230	\$50
HWB HOMEWOOD	W - Woodland	WD - Woods	0.267	230	\$60
LVC LOUDONVILLE	W - Woodland	WD - Woods	1.428	230	\$330
LVB LOUDONVILLE	W - Woodland	WD - Woods	0.805	230	\$190
Total			82.67		\$54,250

Improvements

Card 1

Improvement Code	Description	Length	Width	Total Area	Year Built	Appraised Value (100%)
PLBN	Pole Barn	48	40	1,920	1998	\$14,510
Total						\$14,510

Sales

Sale Date	Sale Price	Seller	Buyer	No. of Properties
12/6/2019	\$975,000	JSJD DEVELOPMENT LLC	CASEY'S WAY LLC	1
2/3/2016	\$0	BECKETT RODNEY JOEL	JSJD DEVELOPMENT LLC	1
4/30/2015	\$0	BECKETT RODNEY JOEL	BECKETT RODNEY JOEL	0
11/17/2005	\$0	BECKETT RODNEY JOEL TRUST	BECKETT RODNEY JOEL	2
11/17/2005	\$0	BECKETT STANLEY O TRUSTEE	BECKETT RODNEY JOEL TRUST	1
4/17/2000	\$0	BECKETT STANLEY O	BECKETT STANLEY O TRUSTEE	2
11/1/1995	\$0	BECKETT STANLEY O REVOCAB	BECKETT STANLEY O	2
3/23/1995	\$0	BECKETT STANLEY O REVOCAB	BECKETT STANLEY O REVOCAB	1
3/2/1995	\$0	BECKETT STANLEY O TRUSTEE	BECKETT STANLEY O REVOCAB	1
10/31/1994	\$0	BECKETT STANLEY O TRUSTEE	BECKETT STANLEY O TRUSTEE	1
12/28/1993	\$0	BECKETT STANLEY & DOROTHY	BECKETT STANLEY O TRUSTEE	2
12/28/1993	\$0	BECKETT STANLEY & DOROTHY	BECKETT STANLEY & DOROTHY	1
1/1/1950	\$0	BECKETT RODNEY J & DEBORA	BECKETT STANLEY & DOROTHY	0

Recent Sales In Area

Sale date range:

From:

12/20/2018

To:

12/20/2021

Sales by Neighborhood

Tax Detail

Delinquent payments made after the July due date will still show due in the year they were originally assessed. If paid, payment will show in the next tax year.

Tax Year (click for detail)	Delinquent	1st Half	2nd Half	Total Due
2021 Pay 2022				\$0.00
2020 Pay 2021	\$0.00	\$1,446.27	\$1,446.27	\$0.00
2019 Pay 2020	\$0.00	\$1,921.50	\$1,921.50	\$0.00

Tax History

Delinquent payments made after the fall due date will still show due in the year they were originally assessed. If paid, payment will show in the next tax year.

Detail:

Tax Year	Type	Category	Description	Amount	Bal Due
2020 Pay 2021	Property Tax Detail	Tax	1st half tax	\$1,443.27	\$0.00
2020 Pay 2021	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 1st half tax	\$3.00	\$0.00
2020 Pay 2021	Property Tax Detail	Tax	2nd half tax	\$1,443.27	\$0.00
2020 Pay 2021	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 2nd half tax	\$3.00	\$0.00
2019 Pay 2020	Property Tax Detail	Tax	1st half tax	\$1,918.50	\$0.00
2019 Pay 2020	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 1st half tax	\$3.00	\$0.00
2019 Pay 2020	Property Tax Detail	Tax	2nd half tax	\$1,918.50	\$0.00
2019 Pay 2020	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 2nd half tax	\$3.00	\$0.00
2018 Pay 2019	Property Tax Detail	Tax	1st half tax	\$2,086.37	\$0.00
2018 Pay 2019	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 1st half tax	\$3.00	\$0.00
2018 Pay 2019	Property Tax Detail	Tax	2nd half tax	\$2,086.37	\$0.00
2018 Pay 2019	Special Assessment Detail	Tax	MUSKINGUM WATERSHED 2nd half tax	\$3.00	\$0.00

Total:

Tax Year	Amount	Bal Due
2020 Pay 2021	\$2,892.54	\$0.00
2019 Pay 2020	\$3,843.00	\$0.00
2018 Pay 2019	\$4,178.74	\$0.00

Special Assessments

Special Assessments Project
(click for detail)

⊕ C866000000 - MUSKINGUM WATERSHED

To check for added Special Assessments (delinquent water, sewer, etc.) please contact the Treasurer's Office at 740-393-6737.

Levy Estimator

DISCLAIMER: The calculations listed below are estimates of proposed property tax levies that are to be voted on in an upcoming election. The estimated tax amounts are based on the current tax duplicate and do not reflect potential changes in value** or adjustments to the tax rate. Please note that there are many factors that may impact property taxes and actual amounts may differ if the levy is approved by the voters.

** Any change in value for a future year will not be reflected in this **estimate**. This would include changes due to a Revaluation, Triennial Update, BOR, New Construction, Changes in Owner Occupancy or Homestead Eligibility, or any other valuation adjustment.

Authority	Knox County Commissioners	Election Date	11/2/2021
Use	Senior Citizens	Beginning Tax Year	2021
Levy Type	Renewal	Number of Years	5
Proposed Mills	0.790		

Current Taxes	New Taxes	Difference
\$37.59	\$33.41	(\$4.18)

Payments

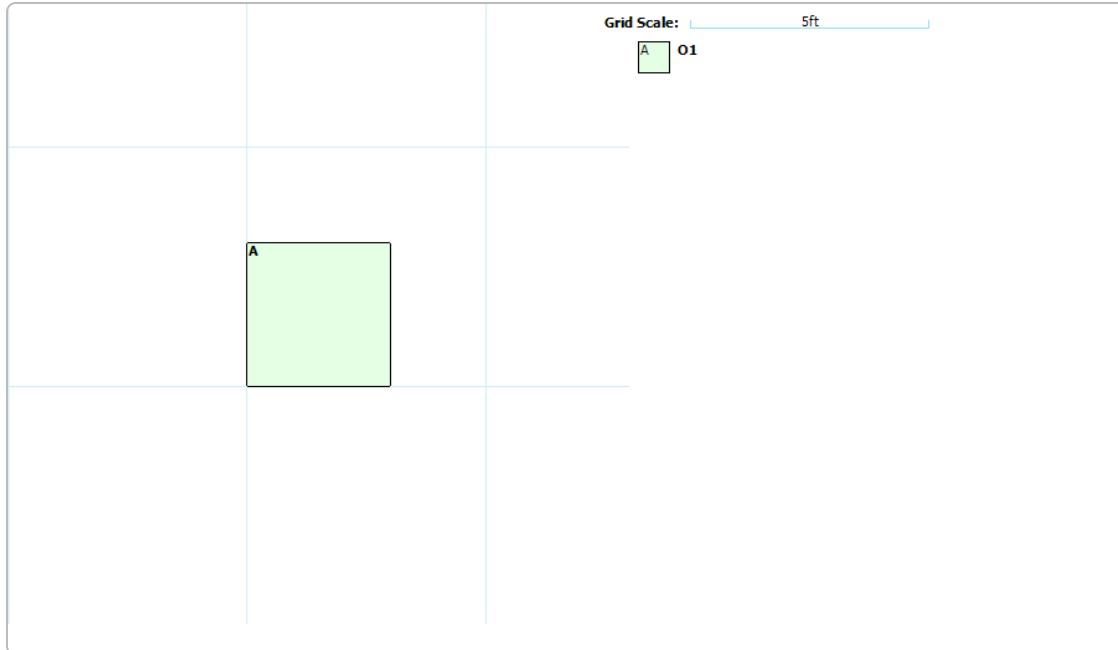
Detail:

Tax Year	Effective Payment Date	Paid By	Prior Paid	First Half Paid	Second Half Paid	Surplus Paid	Receipt Number
2020 Pay 2021	1/25/2021	CASEYS WAY LLC/CORNEL VAN GORP	\$0.00	\$0.00	\$3.00	\$0.00	LM1-01252021-45-1
2020 Pay 2021	1/25/2021	CASEYS WAY LLC/CORNEL VAN GORP	\$0.00	\$3.00	\$0.00	\$0.00	LM1-01252021-45-1
2020 Pay 2021	1/25/2021	CASEYS WAY LLC/CORNEL VAN GORP	\$0.00	\$0.00	\$1,443.27	\$0.00	LM1-01252021-45-1
2020 Pay 2021	1/25/2021	CASEYS WAY LLC/CORNEL VAN GORP	\$0.00	\$1,443.27	\$0.00	\$0.00	LM1-01252021-45-1
2019 Pay 2020	5/28/2020	CASEYS WAY	\$0.00	\$0.00	\$3.00	\$0.00	TH1-05282020-17-1
2019 Pay 2020	5/28/2020	CASEYS WAY	\$0.00	\$0.00	\$1,918.50	\$0.00	TH1-05282020-17-1
2019 Pay 2020	1/21/2020	CASEYS WAY LLC	\$0.00	\$3.00	\$0.00	\$0.00	TH1-01212020-90-1
2019 Pay 2020	1/21/2020	CASEYS WAY LLC	\$0.00	\$1,918.50	\$0.00	\$0.00	TH1-01212020-90-1
2018 Pay 2019	6/18/2019		\$0.00	\$0.00	\$3.00	\$0.00	TH1-06182019-18-2
2018 Pay 2019	6/18/2019		\$0.00	\$0.00	\$2,086.37	\$0.00	TH1-06182019-18-2
2018 Pay 2019	1/14/2019		\$0.00	\$2,086.37	\$0.00	\$0.00	EC1-01142019-200-1
2018 Pay 2019	1/14/2019		\$0.00	\$3.00	\$0.00	\$0.00	EC1-01142019-200-1
2017 Pay 2018	6/7/2018		\$0.00	\$0.00	\$2,055.58	\$0.00	STATION3-06072018-17-1
2017 Pay 2018	6/7/2018		\$0.00	\$0.00	\$3.00	\$0.00	STATION3-06072018-17-1
2017 Pay 2018	2/13/2018		\$0.00	\$3.00	\$0.00	\$0.00	TH1-02132018-4-1
2017 Pay 2018	2/13/2018		\$0.00	\$0.15	\$0.00	\$0.00	TH1-02132018-4-1
2017 Pay 2018	2/13/2018		\$0.00	\$2,055.58	\$0.00	\$0.00	TH1-02132018-4-1
2017 Pay 2018	2/13/2018		\$0.00	\$102.78	\$0.00	\$0.00	TH1-02132018-4-1

Total:

Tax Year	Amount
2020 Pay 2021	\$2,892.54
2019 Pay 2020	\$3,843.00
2018 Pay 2019	\$4,178.74
2017 Pay 2018	\$4,220.09

Sketches



Property Card

Property Card

Comments

Comments: ^NC 2021: DWLG, FLBN, LTO & POULTRY RAZED 100%, ADD H-SITE UD, RECK 2022 POSS N/C 5-5-21 RN ^BD 19-47; HOUSE & FLBN & LEANTO 25%; 100% FOR 2020^CAUV: APPL. #7575^SPLIT: 12/28/93 - 11.641AC TO RODNEY BECKETT (.001) ^COMBINE: 12/28/93 - PARCELS 49-00051 (33.201AC), 49-00052 (.54AC) & ^49-00053 (4.00AC) COMBINED TO THIS^THE STANLEY O. BECKETT REVOCABLE TRUST^EQ05: 25% Land 5% Imp35080 Land3390 Imp ^4/30/15-ORDINANCE NO 2014-12. ANNEXED TO 71-00050.000

No data available for the following modules: Dwellings, Buildings, Additions, Photos.

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Developed by
 Schneider
GEOSPATIAL

Version 2.3.166

Subject Property - Ohio Water Well Map



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Ohio Department of Natural Resources-Division of Water Resources



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **174405**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *TROY LANG*

County: *KNOX*

Address: *UPPER GILCHRIST RD*

City:

Location Number: *41*

Latitude: *40.410464*

Township: *MONROE*

Section Number:

Lot Number:

State: *OH*

Zip Code:

Location Map Year: *1958*

Location Area:

Longitude: *-82.436037*

CONSTRUCTION DETAILS

Borehole Diameter: 1:

Borehole Depth: 1: *163 ft.*

Depth to Bedrock:

2:

Casing Diameter: 1: *5 in.*

Casing Length: 1: *35 ft.*

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type: *ROCK*

Well Use: *DOMESTIC*

Date of Completion: *9/3/1958*

Total Depth: *163 ft.*

Driller's Name: *BEBOUT (R C)*

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level:

Test Rate: *10 gpm*

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

CLAY

From

To

0

20

35

SHALE

35

80

SHALE

80

90

RED SANDSTONE

90

135

SHALE

135

163

SHALE

135

163

SHARP ROCK

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WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 Columbus, Ohio

41
Nº 174405

County KNOX Township MONROE Section of Township
 or Lot Number

Owner TROY LANG Address MT. VERNON OHIO

Location of property 2 1/2 MI NORTH-EAST OF MT VERNON, O.
NO OF RADIONUMO ON LEFT SIDE OF RD #254

CONSTRUCTION DETAILS		PUMPING TEST	
Casing diameter	5	Length of casing	35
Type of screen		Drawdown	<u>NONE</u> ft.
Type of pump	<u>Submersible Pump</u>	Developed capacity	
Capacity of pump	<u>10 gal per min</u>	Static level—depth to water	ft.
Depth of pump setting	<u>145 ft</u>	Pump installed by	<u>R.C. BEBOUT</u>

WELL LOG			SKETCH SHOWING LOCATION
Formations	From	To	Locate in reference to numbered State Highways, St. Intersections, County roads, etc.
Sandstone, shale, limestone, gravel and clay	0 Feet	20 Ft.	
CLAY			
SHALE-ROCK	20	35	
SLATE	35	80	
RED SAND ROCK	80	90	
SLATE	90	135	
SLATE & SHARP ROCK	135	163	

See reverse side for instructions

Drilling Firm R.C. BEBOUT

Date SEPT 3 - 1956

Address MARTINSBURG, O.

Signed R.C. BEBOUT

41



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **179003**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *KENNETH SAKALA*

County: *KNOX*

Township: *MONROE*

Section Number:

Address: *SR 36*

Lot Number:

City:

State: *OH*

Zip Code:

Location Number: *95*

Location Map Year: *1958*

Location Area:

Latitude: *40.406503*

Longitude: *-82.432345*

CONSTRUCTION DETAILS

Borehole Diameter: 1:

Borehole Depth: 1: *150 ft.*

Depth to Bedrock:

2:

Casing Diameter: 1: *4 in.*

Casing Length: 1: *22 ft.*

Casing Thickness: 1:

2:

Casing Height Above Ground:

Aquifer Type: *SHALE*

Date of Completion: *10/22/1956*

Total Depth: *150 ft.*

Well Use: *DOMESTIC*

Driller's Name: *WOLFE'S DRILLING CO*

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations	From	To
UNKNOWN	0	20
SAND & GRAVEL	0	22
GRAY SHALE	22	40
BLUE SHALE	40	50
GRAY SHALE	50	130
BROWN SHALE	130	150
WATER AT		120

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WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
 DEPARTMENT OF NATURAL RESOURCES
 Division of Water
 1500 Dublin Road
 Columbus, Ohio

No. 179003

County Knox Township Manroe Section of Township S. W.

Owner Kenneth J. Sibley Address Rt. 1 Mt. Vernon, Ohio

Location of property 3 miles east of Mt. Vernon on Rt. 36

CONSTRUCTION DETAILS

Casing diameter 4" Length of casing 22
 Type of screen Length of screen
 Type of pump Jet
 Capacity of pump
 Depth of pump setting 70'
 Date of completion

BAILING OR PUMPING TEST

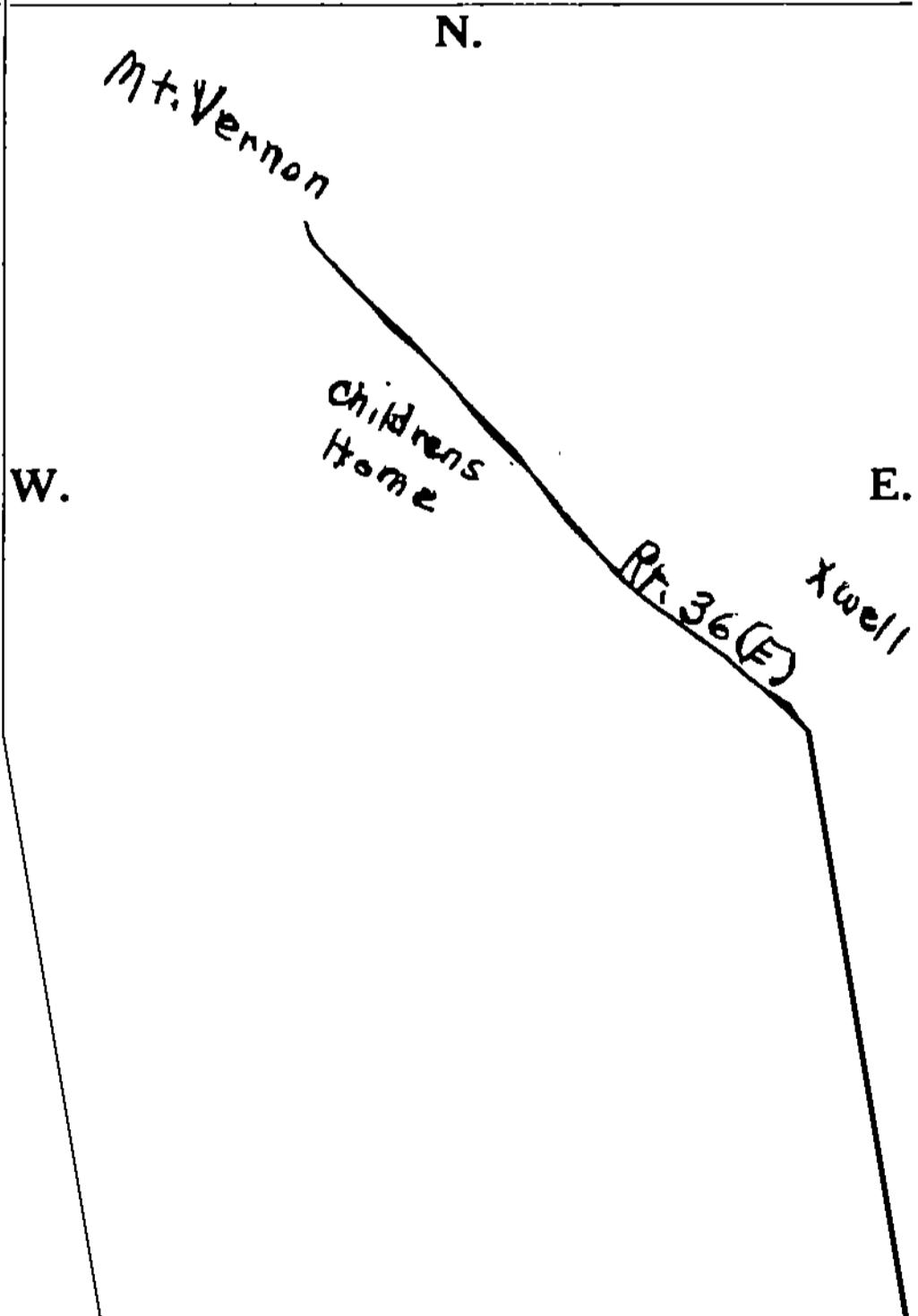
Pumping rate G.P.M. Duration of test hrs.
 Drawdown ft. Date
 Developed capacity
 Static level—depth to water ft.
 Pump installed by

WELL LOG

Formations	From	To
Sandstone, shale, limestone, gravel and clay	0 FeetFt.
Sand and Gravel		<u>22'</u>
Gray Shale	<u>22'</u>	<u>40'</u>
Blue Shale	<u>40'</u>	<u>50'</u>
Gray Shale	<u>50'</u>	<u>130'</u>
Brown Shale	<u>130'</u>	<u>150'</u>
Water at 120'		

SKETCH SHOWING LOCATION

Locate in reference to numbered State Highways, St. Intersections, County roads, etc.





Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **227672**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: STANLEY BECKETT

County: KNOX

Township: MONROE

Section Number:

Address: SR 36

Lot Number:

City:

State: OH

Zip Code:

Location Number: 174

Location Map Year: 1989

Location Area:

Latitude: 40.407394

Longitude: -82.430846

CONSTRUCTION DETAILS

Borehole Diameter: 1:

Borehole Depth: 1: 77 ft.

Depth to Bedrock:

2:

Casing Diameter: 1: 5.5 in.

Casing Length: 1: 26 ft.

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: 9/30/1959

Aquifer Type: SANDSTONE

Well Use: DOMESTIC

Driller's Name: KERR CORPORATION

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: 29 ft.

Test Rate: 12 gpm

[Associated Reports](#)

Drawdown: 38 ft.

Test Duration: 1 hrs.

COMMENTS:

WELL LOG

Formations

SOIL
 YELLOW CLAY
 SHALE
 BLUE SHALE
 YELLOW SANDSTONE
 BLUE SHALE
 WHITE SANDSTONE
 YELLOW SANDSTONE

	From	To
	0	1
	1	9
	9	19
	19	37
	37	39
	39	75
	39	75
	75	77

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WELL LOG AND DRILLING REPORT

State of Ohio

PLEASE USE PENCIL
OR TYPEWRITER.
DO NOT USE INK.

DEPARTMENT OF NATURAL RESOURCES

Division of Water
1562 W. First Avenue
Columbus, Ohio

No. 227672

17795

County KNOX Township MONROE Section of Township

Owner STANLEY BECKETT Address R.F.D.#1 MT. VERNON, OHIO

Location of property 1 1/2 MILES E. of MT. VERNON ON S.R. 36

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

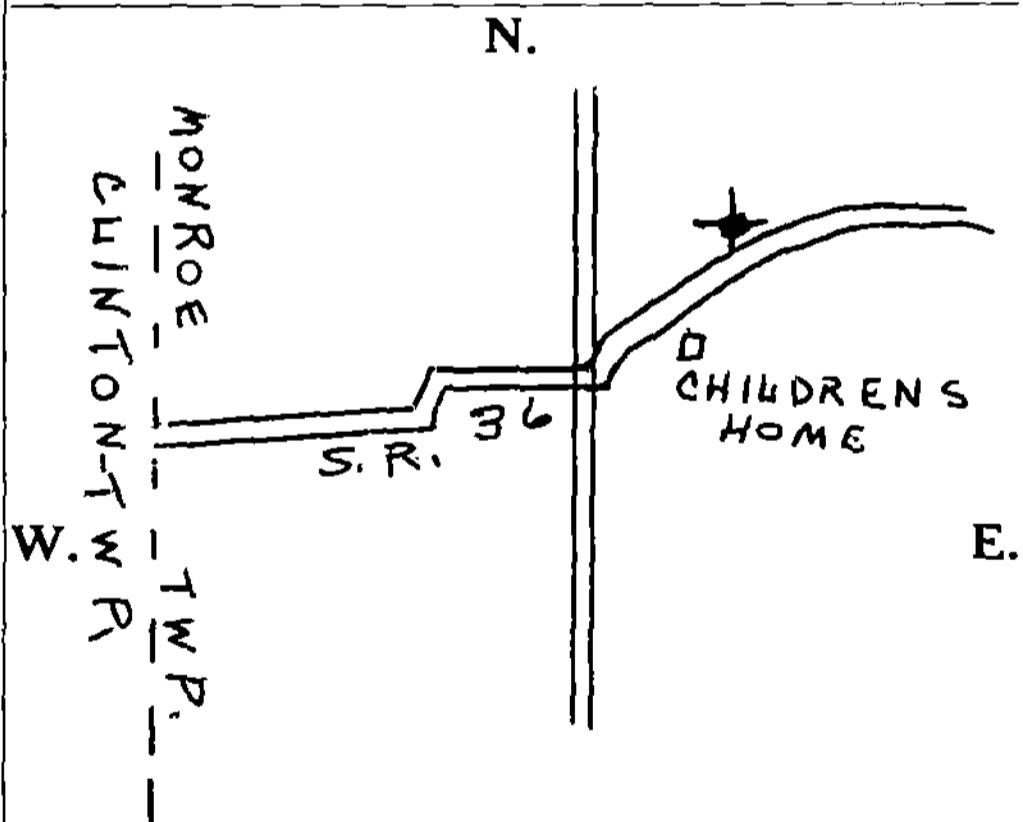
Casing diameter 5 1/2" O.D.	Length of casing 26'	Pumping rate 12 G.P.M.	Duration of test 1 hrs.
Type of screen.....	Length of screen.....	Drawdown 38 ft.	Date SEPT. 3, 1959
Type of pump JET		Developed capacity.....	
Capacity of pump.....		Static level—depth to water 29 ft.	
Depth of pump setting 70'		Pump installed by WILSON E. KERR	
Date of completion SEPT. 24, 1959			

WELL LOG

SKETCH SHOWING LOCATION

Formations
Sandstone, shale, limestone,
gravel and clayFrom
0 FeetTo
1 Ft.Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.

SOIL	0	9
YEL. CLAY & PEBBLES	9	19
SHALE	19	37
BLUE SLATE	37	39
YELLOW SANDSTONE	39	75
BLUE SLATE & WH. SANDSTONE	75	77
YEL. SANDSTONE		



See reverse side for instructions

Drilling Firm WILSON E. KERR
Address 1109 N. MULBERRY ST.
MT. VERNON, OHIODate Sept. 30, 1959
Signed Wilson E. Kerr
B.K.



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **668600**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: STEVE WORKMAN

County: KNOX

Township: MONROE

Section Number:

Address: UPPER GILCHRIST RD

Lot Number:

City:

State: OH

Zip Code:

Location Number: 167

Location Map Year: 1989

Location Area:

Latitude: 40.406414

Longitude: -82.436563

CONSTRUCTION DETAILS

Borehole Diameter: 1:

Borehole Depth: 1: 200 ft.

Depth to Bedrock:

2:

Casing Diameter: 1: 5 in.

Casing Length: 1: 60 ft.

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: 8/24/1987

Aquifer Type: SANDSTONE

Well Use: DOMESTIC

Driller's Name: KEEN WELL AND PUMP

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: 150 ft.

Test Rate: 15 gpm

[Associated Reports](#)

Drawdown:

Test Duration: 1 hrs.

COMMENTS:

WELL LOG

Formations

TOP SOIL
 YELLOW CLAY
 BROKEN SHALE
 SANDSTONE

	From	To
	0	2
	2	8
	8	60
	60	200

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WF 1. LOG AND DRILLING REPORT

668608

NO CARBON PAPER
NECESSARY -
SELF-TRANSCRIBINGState of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Fountain Square
Columbus, Ohio 43224

MONROE

Permit Number _____

COUNTY Knox TOWNSHIP Plains SECTION OF TOWNSHIP _____OWNER Steve Workman ADDRESS Mickey St. MansfieldLOCATION OF PROPERTY Upper Hillcrest Road off st. Rt. 36 East

CONSTRUCTION DETAILS

BAILING OR PUMPING TEST

(specify one by circling)

Casing diameter 5" Length of casing 60'
 Type of screen _____ Length of screen _____
 Type of pump 3/4 hp Sub.
 Capacity of pump 10. G.P.M.
 Depth of pump setting 180'
 Date of completion 8-24-87
 Rotary or Cable

Test rate 15 gpm Duration of test 1 hrs
 Drawdown 0 ft Date 8-24-87
 Static level (depth to water) 150' ft
 Quality (clear, cloudy, taste, odor) Clear
 Pump installed by Ken Shry

WELL LOG*

SKETCH SHOWING LOCATION

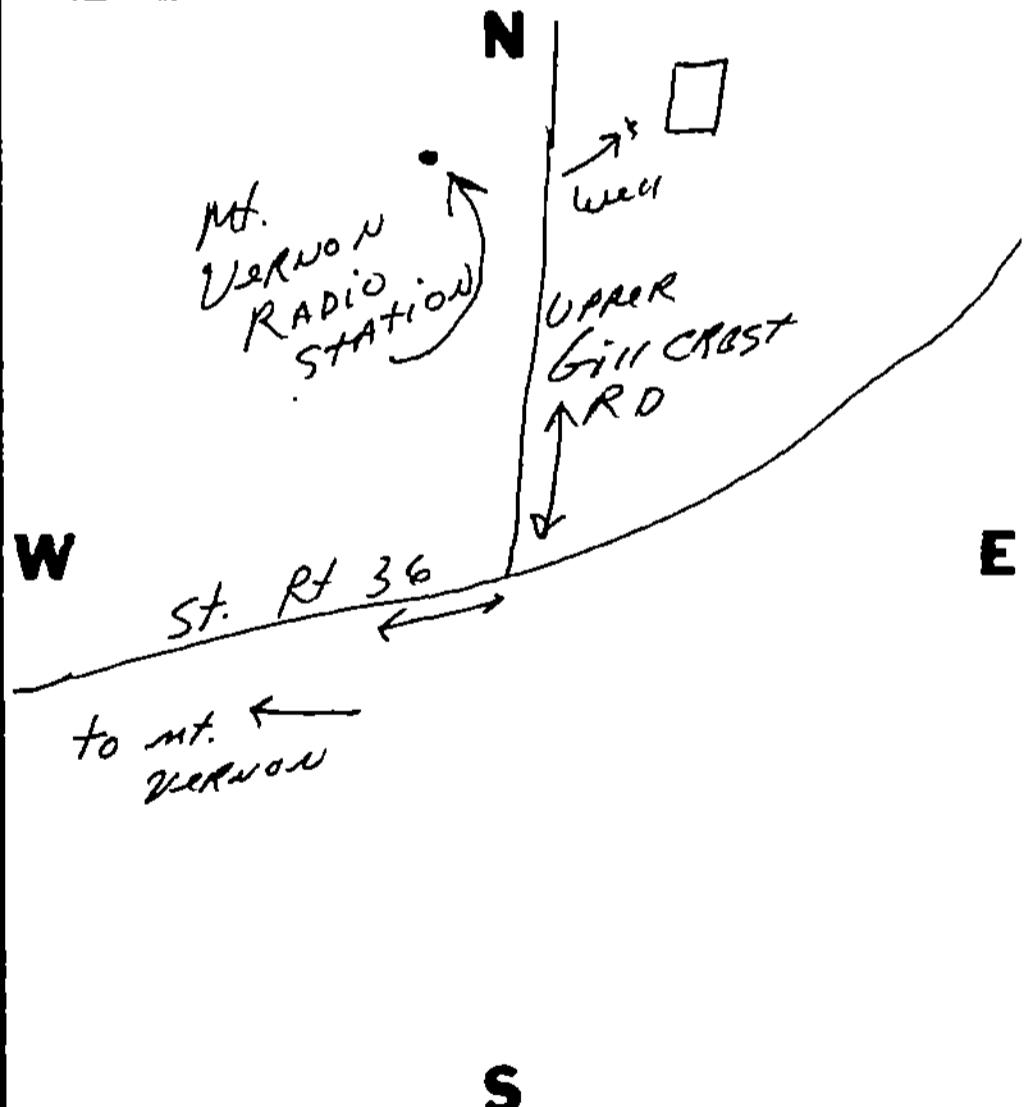
Formations: sandstone, shale,
limestone, gravel, clay

From

To

Locate in reference to numbered
state highways, street intersections, county roads, etc.

<u>Top Soil</u>	<u>0 ft</u>	<u>2 "</u>
<u>Yellow clay</u>	<u>2</u>	<u>8</u>
<u>Brick Shale</u>	<u>8</u>	<u>60</u>
<u>Sand Rock</u>	<u>60</u>	<u>200</u>



* If additional space is needed to complete well log, use next consecutively numbered form.

DNR 7802

DRILLING FIRM Ken Shry REGISTRATION NUMBER 382 DATE 8/14/87ADDRESS Mt. Vernon Ith SIGNED Wiley F. Keay

Completion of this form is required by 1521.05, Ohio Revised Code - file within 30 days after completion.

WHITE ORIGINAL COPY - ODNR, DIVISION OF WATER, FOUNTAIN SQ., COLS., OHIO 43224 / Blue - Customer's Copy / Pink - Driller's Copy / Green - Local Health Dept. Copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996987**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996987

WELL LOCATION

CONSTRUCTION DETAILS

County **Knox**Township **Monroe** Rotary Cable Augered Driven OtherOwner/Builder
(Circle One or Both)**Cosby Heating**

First _____ Last _____

BOREHOLE/CASING (measured from ground surface)

Address of
Well Location**1700 COshocton Road**

Street Name

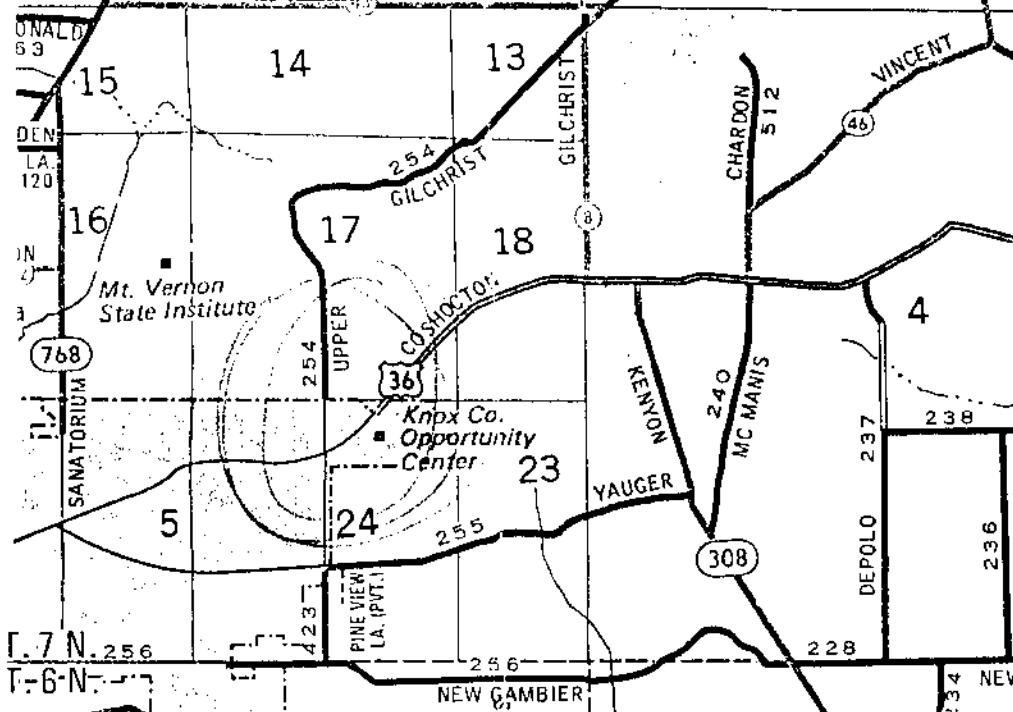
1 Borehole Diameter **4 3/4** inches Depth **300** ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

2 Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

City **Mt. Vernon**Permit No. **Geothermal**Zip Code +4 **43050**Section/Lot No.
(Circle One or Both)Location of Well in State Plane
coordinates, if available:Use of Well **Geothermal**N X **N40** . 24 +/- **398** ft. or mS Y **W082** . 25 +/- **870** ft. or mElevation of Well **1186** . +/- ft. or mDatum Plain: NAD27 NAD83 Elevation Source **GPS**Source of Coordinates: GPS Survey OtherSketch a map showing distance well lies from numbered state highways, street
name, county roads, buildings or other notable landmarks. If latitude and
longitude are known, enter them here.



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996988**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996988

WELL LOCATION

CONSTRUCTION DETAILS

County **Knox**Township **Monroe** Rotary Cable Augered Driven Other

Owner/Builder

Cosby Heating

First _____ Last _____

Address of Well Location

1700 Coshcotton Rd

Number

Street Name

City **Mt. Vernon**Zip Code +4 **43050**Permit No. **Geothermal**Section/Lot No.
(Circle One or Both)

Location of Well in State Plane coordinates, if available:

Use of Well **Geothermal****N** **X** **N40**

. 24 +/- 298 ft. or m

S **X** **Y** **W082**

. 25 +/- 870 ft. or m

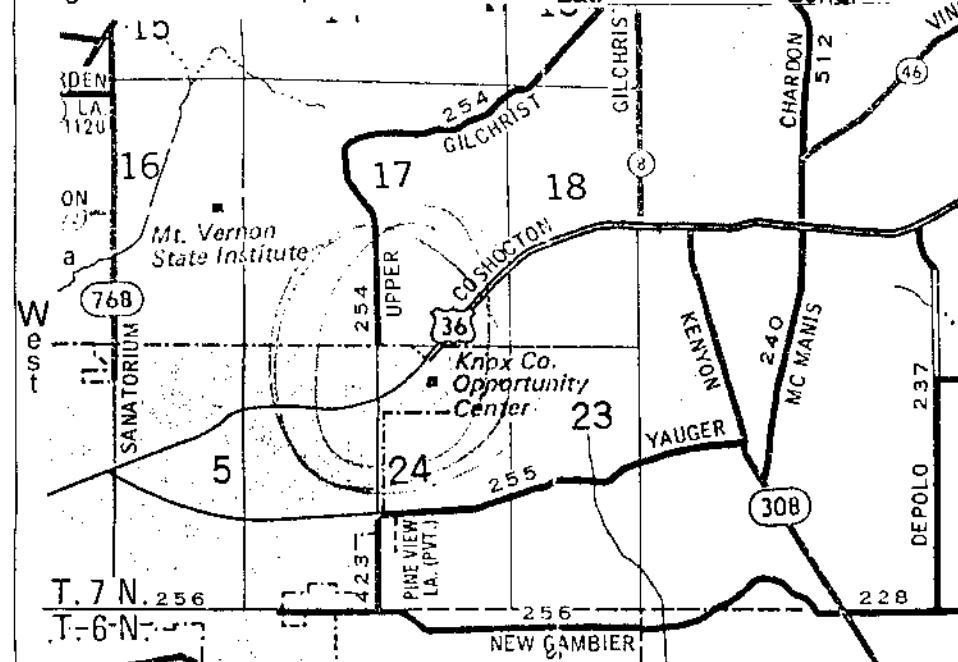
Elevation of Well

1186

. +/- ft. or m

Datum Plain: NAD27 NAD83 Elevation Source **GPS**Source of Coordinates: GPS Survey Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: _____ Long: _____



WELL TEST*

Pre-Pumping Static Level _____ ft. Date **8/18/05**Measured from: Top of Casing Ground Level Other Air Bailing Pumping* Other

Test Rate _____ gpm Duration of Test _____ hrs.

Feet of Drawdown _____ ft. Sustainable Yield _____ gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? Yes No Flowing Well? Yes No

Quality _____

PUMP/PITLESS

Type of pump _____ Capacity _____ gpm

Pump set at _____ ft. Pitless Type _____

Pump installed by _____

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm **Jamison Well Drilling, Inc.**Address **258 Central Avenue**City, State, Zip **Mansfield, OH 44905**Signed **Aynthia A. Golden, Sr.** Date **8/18/05**ODH Registration Number **391** Borehole Diameter **4 3/4** inches Depth **300** ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

 Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

Type	<input type="checkbox"/> Steel	<input type="checkbox"/> Galv.	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> Other
	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
Joints	<input type="checkbox"/> Threaded	<input type="checkbox"/> Welded	<input checked="" type="checkbox"/> Solvent	<input type="checkbox"/> 1
	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2

SCREEN

Diameter _____ Slot Size _____ Screen Length _____ ft.

Type _____ Material _____

Set Between _____ ft. and _____ ft.

GRAVEL PACK (Filter Pack)

Material/Size _____ Volume/Weight Used _____

Method of Installation _____

Depth: Placed FROM _____ ft. TO _____ ft.

GROUT

Material **Benseal/EZ Mud** Volume/Weight Used **300/650**Method of Installation **Pressure Grout/Tremie Pipe**Depth: Placed FROM **300** ft. TO **Surface** ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation:
sandstone, shale, limestone, gravel, clay, sand, etc.

From _____ To _____

Brown Shale	0	39
Gray Shale	39	42
Brown Sandy Shale	42	48
Brown Sandstone	48	51
Gray Sandstone	51	56
Gray Shale/Sandstone	56	75
Brown Sandy Shale	75	138
Brown Sandstone	138	155
Gray Shale/Sandstone	155	300

GEOThermal WELL #2

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion **8/18/05** Total Depth of Well **300** ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996989**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996989

WELL LOCATION

CONSTRUCTION DETAILS

County **Knox**Township **Monroe** Rotary Cable Augered Driven OtherOwner/Builder
(Circle One or Both)**Cosby Heating**

First

Last

BOREHOLE/CASING (measured from ground surface)

Address of
Well Location**1700 COshocton Rd**

Number

Street Name

1 Borehole Diameter **4 3/4** inches Depth **300** ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

2 Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

City **Mt. Vernon**Zip Code +4 **43050**Permit No. **Geothermal**Section/Lot No.
(Circle One or Both)Location of Well in State Plane
coordinates, if available:Use of Well **Geothermal**N X **N40**

24 +/- 298 ft. or m

S Y **W082**

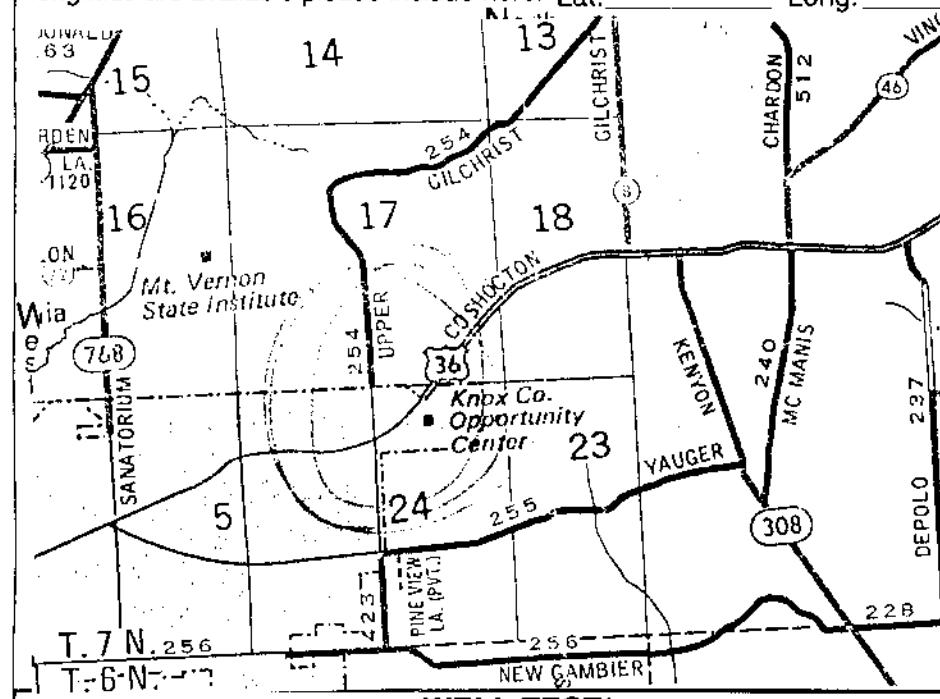
25 +/- 870 ft. or m

Elevation of Well **1186**

+/- _____ ft. or m

Datum Plain: NAD27 NAD83 Elevation Source **GPS**Source of Coordinates: GPS Survey Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: _____ Long: _____



WELL TEST*

Pre-Pumping Static Level _____ ft. Date **8/18/05**Measured from: Top of Casing Ground Level Other Air Bailing Pumping* Other

Test Rate _____ gpm Duration of Test _____ hrs.

Feet of Drawdown _____ ft. Sustainable Yield _____ gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? Yes No Flowing Well? Yes No

Quality

PUMP/PITLESS

Type of pump _____ Capacity _____ gpm

Pump set at _____ ft. Pitless Type _____

Pump installed by _____

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm **Jamison Well Drilling, Inc.**Address **258 Central Avenue**City, State, Zip **Mansfield, OH 44905**Signed **Cynthia A. Golden, Sec** Date **8/18/05**ODH Registration Number **391**

GEOTHERMAL WELL #3

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion **8/18/05** Total Depth of Well **300** ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996990**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

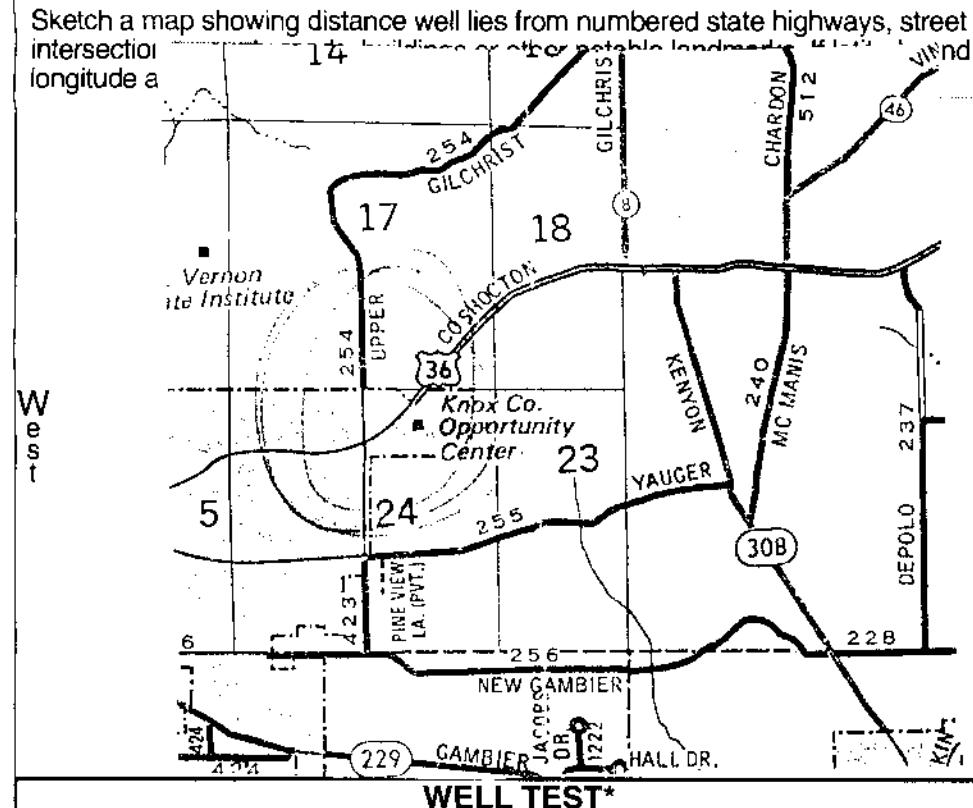
0996990

WELL LOCATION

CONSTRUCTION DETAILS

County **Knox** Township **Monroe**Owner/Builder **Cosby Heating**

First _____ Last _____

Address of Well Location **1700 Coshocton Rd**
Number _____ Street Name _____City **Mt. Vernon** Zip Code +4 **43050**Permit No. **Geo** Section/Lot No. (Circle One or Both) _____Location of Well in State Plane coordinates, if available: Use of Well **Geothermal****N X X N40** .24 +/- **298** ft. or m**S X Y W082** .25 +/- **870** ft. or mElevation of Well **1186** . +/- ft. or mDatum Plain: NAD27 NAD83 Elevation Source **GPS**Source of Coordinates: GPS Survey Other

WELL TEST*

Pre-Pumping Static Level ft. Date **8/18/05**Measured from: Top of Casing Ground Level Other Air Bailing Pumping* Other

Test Rate gpm Duration of Test hrs.

Feet of Drawdown ft. Sustainable Yield gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? Yes No Flowing Well? Yes No

Quality

PUMP/PITLESS

Type of pump Capacity gpm

Pump set at ft. Pitless Type

Pump installed by

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm **Jamison Well Drilling, Inc.**Address **258 Central Avenue**City, State, Zip **Mansfield, OH 44905**Signed **Antonia A. Golden, Sec** Date **8/18/05**
ODH Registration Number **391** Rotary Cable Augered Driven Other**BOREHOLE/CASING** (measured from ground surface)1 Borehole Diameter **4 3/4** inches Depth **300** ft.

Casing Diameter in. Length ft. Thickness in.

2 Borehole Diameter inches Depth ft.

Casing Diameter in. Length ft. Thickness in.

Casing Height Above Ground ft.

Type 1 Steel 1 Galv. 1 PVC 1 2 2 2 2 OtherJoints 1 Threaded 1 Welded 1 Solvent 1 2 2 2 Other

SCREEN

Diameter Slot Size Screen Length ft.

Type Material

Set Between ft. and ft.

GRAVEL PACK (Filter Pack)

Material/Size Volume/Weight Used

Method of Installation

Depth: Placed FROM ft. TO ft.

GROUT

Material **Benseal/EZ Mud** Volume/Weight Used **300/650**Method of Installation **Pressure Grout/Tremie Pipe**Depth: Placed FROM **300** ft. TO **Surface** ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation:
sandstone, shale, limestone, gravel, clay, sand, etc.

From To

Brown Shale	0	39
Gray Shale	39	42
Brown Sandy Shale	42	48
Brown Sandstone	48	51
Gray Sandstone	51	56
Gray Shale/Sandstone	56	75
Brown Sandy Shale	75	138
Brown Sandstone	138	155
Gray Shale/Sandstone	155	300

GEOThermal WELL# 4

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion **8/18/05** Total Depth of Well **300** ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996991**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996991

WELL LOCATION

CONSTRUCTION DETAILS

County **Knox** Township **Monroe**Owner/Builder **Cosby Heating**

First _____ Last _____

Address of Well Location **1700 Coshocton Rd**

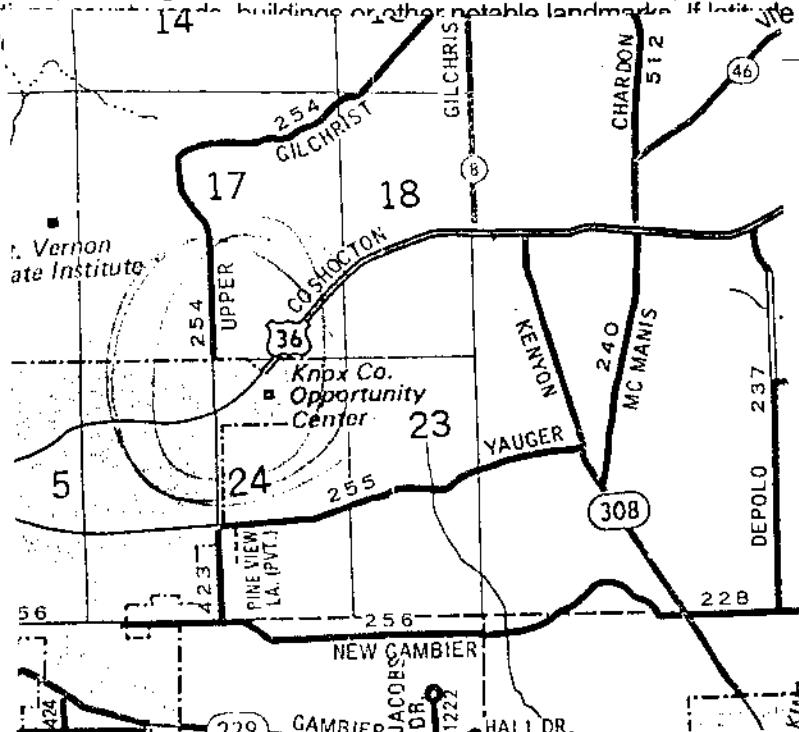
Number _____ Street Name _____

City **Mt. Vernon** Zip Code +4 **43050**Permit No. **Geo** Section/Lot No. _____

Location of Well in State Plane coordinates, if available:

N X **N40** Use of Well **Geothermal** 24 +/- 298 ft. or mS Y **W082** 25 +/- 870 ft. or mElevation of Well **1186** +/- ft. or mDatum Plain: NAD27 NAD83 Elevation Source **GPS**Source of Coordinates: GPS Survey Other

Sketch a map showing distance well lies from numbered state highways, street intersections, buildings or other notable landmarks. If latitude and longitude are available, enter them.

Pre-Pumping Static Level ft. Date **8/18/05**Measured from: Top of Casing Ground Level Other Air Bailing Pumping* Other

Test Rate gpm Duration of Test hrs.

Feet of Drawdown ft. Sustainable Yield gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? Yes No Flowing Well? Yes No

Quality

PUMP/PITLESS

Type of pump Capacity gpm

Pump set at ft. Pitless Type

Pump installed by

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm **Jamison Well Drilling, Inc.**Address **258 Central Avenue**City, State, Zip **Mansfield, OH 44905**Signed **Aynthia A. Golden, Sec** Date **8/18/05**
ODH Registration Number **391**

Rotary Cable Augered Driven Other

BOREHOLE/CASING (measured from ground surface)

1 Borehole Diameter **4 3/4** inches Depth **300** ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

2 Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

Type	<input type="checkbox"/> Steel	<input type="checkbox"/> Galv.	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> 1
	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2
Joints	<input type="checkbox"/> Threaded	<input type="checkbox"/> Welded	<input checked="" type="checkbox"/> Solvent	<input type="checkbox"/> 1
	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2	<input type="checkbox"/> 2

SCREEN

Diameter _____ Slot Size _____ Screen Length _____ ft.

Type _____ Material _____

Set Between _____ ft. and _____ ft.

GRAVEL PACK (Filter Pack)

Material/Size _____ Volume/Weight Used _____

Method of Installation _____

Depth: Placed FROM _____ ft. TO _____ ft.

GROUT

Material **Benseal/EZ Mud** Volume/Weight Used **300/650**Method of Installation **Pressure Grout/Tremie Pipe**Depth: Placed FROM **300** ft. TO **Surface** ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation:
sandstone, shale, limestone, gravel, clay, sand, etc.

From _____

To _____

Brown Shale	0	39
Gray Shale	39	42
Brown Sandy Shale	42	48
Brown Sandstone	48	51
Gray Sandstone	51	56
Gray Shale/Sandstone	56	75
Brown Sandy Shale	75	138
Brown Sandstone	138	155
Gray Shale/Sandstone	155	300

GEOTHERMAL WELL # 5

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion **8/18/05** Total Depth of Well **300** ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996992**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOCATION		CONSTRUCTION DETAILS	
County Knox	Township Monroe	<input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Augered <input type="checkbox"/> Driven <input type="checkbox"/> Other _____	
Owner/Builder (Circle One or Both)	Cosby Heating	<input checked="" type="checkbox"/> Borehole Diameter 4 3/4 inches Depth 300 ft.	
Address of Well Location	1700 Coshocton Road	First _____ Last _____	
City Mt. Vernon	Zip Code +4 43050	<input type="checkbox"/> Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
Permit No. Geo	Section/Lot No. (Circle One or Both)	<input type="checkbox"/> Borehole Diameter _____ inches Depth _____ ft.	
Location of Well in State Plane coordinates, if available:	Use of Well Geothermal	Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
N <input checked="" type="checkbox"/> x N40	24 +/- 298 ft. or m	Casing Height Above Ground _____ ft.	
S <input checked="" type="checkbox"/> Y W082	25 +/- 870 ft. or m	Type	1 <input type="checkbox"/> Steel 1 <input type="checkbox"/> Galv. 1 <input checked="" type="checkbox"/> PVC 1 <input type="checkbox"/> Other _____
Elevation of Well 1186	+/ - _____ ft. or m	Joints	2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other _____
Datum Plain: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83	Elevation Source GPS	1 <input type="checkbox"/> Threaded 1 <input type="checkbox"/> Welded 1 <input checked="" type="checkbox"/> Solvent 1 <input type="checkbox"/> Other _____	2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other _____
Source of Coordinates: <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Survey <input type="checkbox"/> Other			
Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude			
<img alt="A map of a rural area showing roads and landmarks. Key features include Coshocton Road, Gilchrist, Chardon, Mc Mans, Yauger, and Depolo. Roads are numbered 14, 17, 18, 23, 308, 36, 46, 24, 254, 255, 256, 228, 237, 231, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 46100, 46101, 46102, 46103, 46104, 46105, 46106, 46107, 46108, 46109, 46110, 46111, 46112, 46113, 46114, 46115, 46116, 46117, 46118, 46119, 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Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996993**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

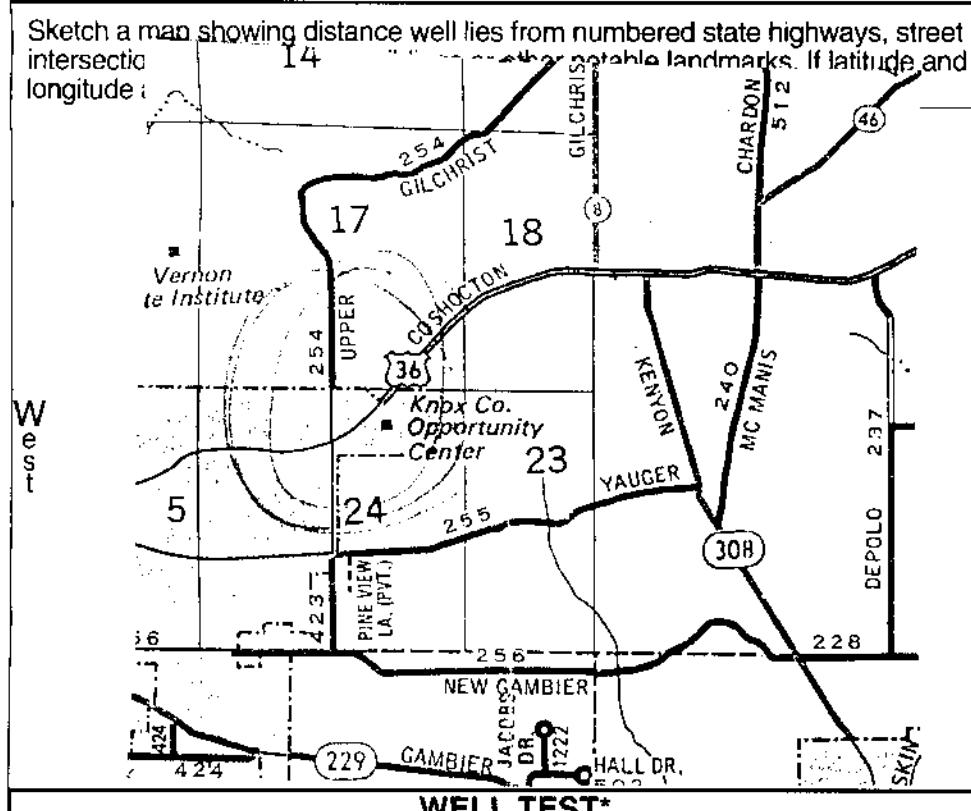
Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996993

WELL LOCATION

CONSTRUCTION DETAILS

County Knox Township Monroe
 Owner/Builder Cosby Heating
 Address of Well Location 1700 Coshocton Rd
 City Mt. Vernon Zip Code +4 43050
 Permit No. Geo
 Location of Well in State Plane coordinates, if available:
 N X N40 Use of Well Geothermal
 S X Y W082 24 25 298 870 ft. or m ft. or m
 Elevation of Well 1186 ft. or m
 Datum Plain: NAD27 NAD83 Elevation Source GPS
 Source of Coordinates: GPS Survey Other



WELL TEST*

Pre-Pumping Static Level ft. Date 8/18/05
 Measured from: Top of Casing Ground Level Other
 Air Bailing Pumping* Other
 Test Rate gpm Duration of Test hrs.
 Feet of Drawdown ft. Sustainable Yield gpm
 *(Attach a copy of the pumping test record, per section 1521.05, ORC)
 Is Copy Attached? Yes No Flowing Well? Yes No
 Quality

PUMP/PITLESS

Type of pump Capacity gpm
 Pump set at ft. Pitless Type
 Pump installed by

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm Jamison Well Drilling, Inc.

Address 258 Central Avenue

City, State, Zip Mansfield, OH 44905

Signed Aynthia A. Golden, Sr. Date 8/18/05
 ODH Registration Number 391

Rotary Cable Augered Driven Other
BOREHOLE/CASING (measured from ground surface)
 1 Borehole Diameter 4 3/4 inches Depth 300 ft.
 Casing Diameter in. Length in. ft. Thickness in.
 2 Borehole Diameter inches Depth ft.
 Casing Diameter in. Length in. ft. Thickness in.
 Casing Height Above Ground ft.
 Type 1 Steel 1 Galv. 1 PVC 1 Other
 2 2 2 2 Other
 Joints 1 Threaded 1 Welded 1 Solvent 1 Other
 2 2 2 Other
SCREEN
 Diameter Slot Size Screen Length ft.
 Type Material ft. and ft.
 Set Between ft. and ft.
GRAVEL PACK (Filter Pack)
 Material/Size Volume/Weight Used
 Method of Installation
 Depth: Placed FROM ft. TO ft.
GROUT
 Material Benseal/EZ Mud Volume/Weight Used 300/650
 Method of Installation Pressure Grout/Tremie Pipe
 Depth: Placed FROM 300 ft. TO Surface ft.
DRILLING LOG*
 INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.
 Show color, texture, hardness, and formation:
 sandstone, shale, limestone, gravel, clay, sand, etc.

	From	To
Brown Shale	0	39
Gray Shale	39	42
Brown Sandy Shale	42	48
Brown Sandstone	48	51
Gray Sandstone	51	56
Gray Shale/Sandstone	56	75
Brown Sandy Shale	75	138
Brown Sandstone	138	155
Gray Shale/Sandstone	155	300

GEOTHERMAL WELL # 7

(*If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 8/18/05 Total Depth of Well 300 ft.



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996994**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

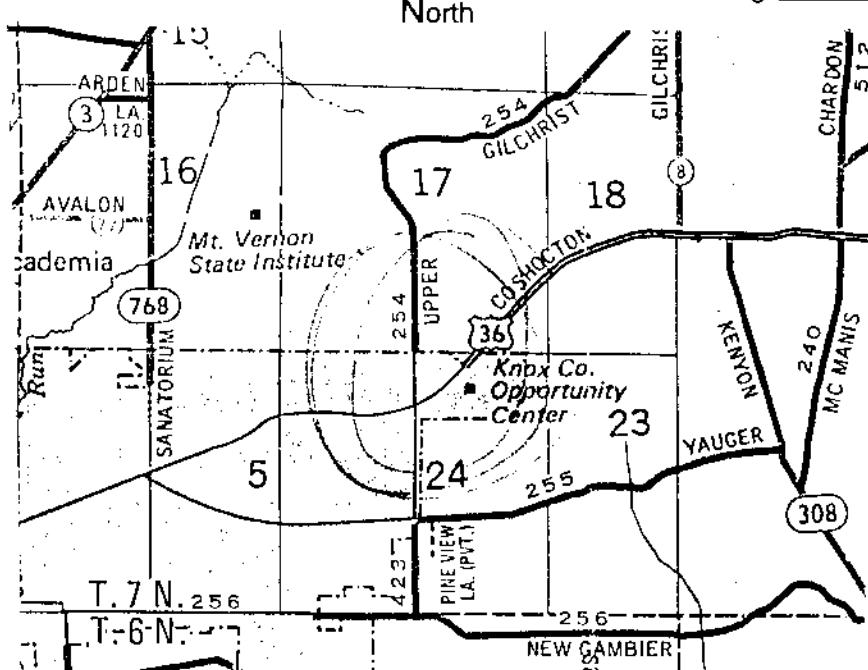
0996994

WELL LOCATION

CONSTRUCTION DETAILS

County <u>Knox</u>	Township <u>Monroe</u>	<input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Augered <input type="checkbox"/> Driven <input type="checkbox"/> Other
Owner/Builder <u>Cosby Heating</u>		BOREHOLE/CASING (measured from ground surface)
Address of Well Location <u>1700 Coshocton Rd</u>		1 <input checked="" type="checkbox"/> Borehole Diameter <u>4 3/4</u> inches Depth <u>300</u> ft.
City <u>Mt. Vernon</u> Zip Code +4 <u>43050</u>		Casing Diameter _____ in. Length _____ ft. Thickness _____ in.
Permit No. <u>Geo</u> Section/Lot No. (Circle One or Both)		2 <input type="checkbox"/> Borehole Diameter _____ inches Depth _____ ft.
Location of Well in State Plane coordinates, if available:		Casing Diameter _____ in. Length _____ ft. Thickness _____ in.
N <input checked="" type="checkbox"/> X <u>N40</u> 24 +/- <u>298</u> ft. or m		Casing Height Above Ground _____ ft.
S <input checked="" type="checkbox"/> Y <u>W082</u> 25 +/- <u>870</u> ft. or m		Type 1 <input type="checkbox"/> Steel 1 <input type="checkbox"/> Galv. 1 <input checked="" type="checkbox"/> PVC 1 <input type="checkbox"/>
Elevation of Well <u>1186</u> +/- _____ ft. or m		2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other
Datum Plain: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83 Elevation Source <u>GPS</u>		Joints 1 <input type="checkbox"/> Threaded 1 <input type="checkbox"/> Welded 1 <input checked="" type="checkbox"/> Solvent 1 <input type="checkbox"/>
Source of Coordinates: <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Survey <input type="checkbox"/> Other		2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: _____ Long: _____



WELL TEST*

Pre-Pumping Static Level	ft.	Date <u>8/18/05</u>
Measured from: <input type="checkbox"/> Top of Casing <input type="checkbox"/> Ground Level <input type="checkbox"/> Other		
<input type="checkbox"/> Air <input type="checkbox"/> Bailing <input type="checkbox"/> Pumping* <input type="checkbox"/> Other		
Test Rate	gpm	Duration of Test _____ hrs.
Feet of Drawdown	ft.	Sustainable Yield _____ gpm
*(Attach a copy of the pumping test record, per section 1521.05, ORC)		
Is Copy Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	Flowing Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Quality _____		

PUMP/PITLESS

Type of pump _____ Capacity _____ gpm

Pump set at _____ ft. Pitless Type _____

Pump installed by _____

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm Jamison Well Drilling, Inc.

Address 258 Central Avenue

City, State, Zip Mansfield, OH 44905

Signed Cynthia A. Golden, Sec Date 8/18/05
ODH Registration Number 391

SCREEN	Diameter _____ Slot Size _____ Screen Length _____ ft.
Type _____	Material _____
Set Between _____ ft. and _____ ft.	
GRAVEL PACK (Filter Pack)	
Material/Size _____	Volume/Weight Used _____
Method of Installation _____	
Depth: Placed FROM _____ ft. TO _____ ft.	
GROUT	
Material <u>Benseal/EZ Mud</u>	Volume/Weight Used <u>300/650</u>
Method of Installation <u>Pressure Grout/Tremie Pipe</u>	
Depth: Placed FROM <u>300</u> ft. TO <u>Surface</u> ft.	
DRILLING LOG*	
INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.	
Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.	
From	To
0	39
39	42
42	48
48	51
51	56
56	75
75	138
138	155
155	300

GEOTHERMAL WELL # 8

(*If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 8/18/05 Total Depth of Well 300 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy



Water Well Log and Drilling Report

Ohio Department of Natural Resources
 Division of Soil and Water
 Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **996997**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: **COSBY HEATING**

County: **KNOX**

Township: **MONROE**

Section Number:

Address: **1700 COSHOCTON RD**

Lot Number:

City: **OH**

Zip Code: **43050**

Location Number:

Location Area:

Latitude: **40.409670**

Longitude: **-82.43117**

CONSTRUCTION DETAILS

Borehole Diameter: 1: **4.75 in.**

Borehole Depth: 1: **300 ft.**

Depth to Bedrock:

2:

2:

Casing Diameter: 1:

Casing Length: 1:

Casing Thickness: 1:

2:

2:

2:

Casing Height Above Ground:

Aquifer Type:

Date of Completion: **8/18/2005**

Total Depth: **300 ft.**

Well Use: **HTG/COOLING**

Driller's Name: **JAMISON WELL DRILLING INC**

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Vol/Wt Used:

Gravel Pack Material/Size:

Placed:

Method of Installation:

Vol/Wt Used:

Grout Material/Size:

Placed

Method of Installation:

WELL TEST DETAILS

Static Water Level:

Test Rate:

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

BROWN-GRAY SHALE

From

To

0

42

BROWN-GRAY SANDSTONE & SHALE

42

300

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources

Division of Water, 2045 Morse Road

Columbus, Ohio 43229-6605 Voice (614) 265-6740 Fax (614) 265-6767

0996997

WELL LOCATION		CONSTRUCTION DETAILS	
County Knox	Township Monroe	<input type="checkbox"/> Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Augered <input type="checkbox"/> Driven <input type="checkbox"/> Other _____	
Owner/Builder (Circle One or Both)	Cosby Heating	BOREHOLE/CASING (measured from ground surface)	
Address of Well Location	1700 Coshocton Rd	1 <input checked="" type="checkbox"/> Borehole Diameter 4 3/4 inches	Depth 300 ft.
Number	Street Name	Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
City Mt. Vernon	Zip Code +4 43050	2 <input type="checkbox"/> Borehole Diameter _____ inches	Depth _____ ft.
Permit No. Geo	Section/Lot No. (Circle One or Both)	Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
Location of Well in State Plane coordinates, if available:	Use of Well Geothermal	Casing Height Above Ground _____ ft.	
N <input checked="" type="checkbox"/> X N40	24 +/- 298 ft. or m	Type 1 <input type="checkbox"/> Steel 1 <input type="checkbox"/> Galv. 1 <input checked="" type="checkbox"/> PVC 1 <input type="checkbox"/>	
S <input checked="" type="checkbox"/> Y W082	25 +/- 870 ft. or m	2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other	
Elevation of Well 1186	ft. or m	1 <input type="checkbox"/> Threaded 1 <input type="checkbox"/> Welded 1 <input checked="" type="checkbox"/> Solvent 1 <input type="checkbox"/>	
Datum Plain: <input type="checkbox"/> NAD27 <input type="checkbox"/> NAD83	Elevation Source GPS	2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> 2 <input type="checkbox"/> Other	
Source of Coordinates: <input checked="" type="checkbox"/> GPS	<input type="checkbox"/> Survey <input type="checkbox"/> Other	SCREEN	
Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: _____ Long: _____			
WELL TEST*			
Pre-Pumping Static Level _____ ft.		Date 8/18/05	
Measured from: <input type="checkbox"/> Top of Casing <input type="checkbox"/> Ground Level <input type="checkbox"/> Other _____			
<input type="checkbox"/> Air <input type="checkbox"/> Bailing <input type="checkbox"/> Pumping* <input type="checkbox"/> Other _____			
Test Rate _____ gpm		Duration of Test _____ hrs.	
Feet of Drawdown _____ ft.		Sustainable Yield _____ gpm	
*(Attach a copy of the pumping test record, per section 1521.05, ORC)			
Is Copy Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No Flowing Well? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Quality _____			
PUMP/PITLESS			
Type of pump _____		Capacity _____ gpm	
Pump set at _____ ft. Pitless Type _____			
Pump installed by _____			
I hereby certify the information given is accurate and correct to the best of my knowledge.			
Drilling Firm Jamison Well Drilling, Inc.			
Address 258 Central Avenue			
City, State, Zip Mansfield, OH 44905			
Signed Cynthia A. Golden, Sec		Date 8/18/05	
ODH Registration Number 391			
*If more space is needed to complete drilling log, use next consecutively numbered form.			
Date of Well Completion 8/18/05		Total Depth of Well 300 ft.	

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm Jamison Well Drilling, Inc.

Address 258 Central Avenue

City, State, Zip

Conclusions: The CMEs are the most important source of the solar energetic particles.

Signed Alma H. Odell, Sec. Date

ODH Registration Number 391

11. *What is the best way to increase the number of people who use a particular service?*

Completion of this form

**If more space is needed to complete drilling log, use next consecutively numbered form.*

Date of Well Completion 8/18/05 Total Depth of Well 300 ft.

11 of 11 pages

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 2045 MORSE ROAD, COLS., OHIO 43229-6605
Bldg. 3, 3rd floor, Room 310, Columbus, Ohio 43228-6605

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

Phase I Environmental Site Assessment
84.62-Acre Site
17795 Coshocton Road
Mount Vernon, Knox County, Ohio 43050

Appendix F

Personnel Qualifications

Justin S. Williams

Environmental Scientist



Justin is an environmental scientist with over 13 years of experience specializing in wetland and ecological services, waterway permitting, natural resource surveys and habitat assessments, regulated material reviews, phase I environmental site assessments, and environmental data collection for a variety of financial institutions, state and federal government entities, real estate and renewable energy developers, and architectural and engineering firms. Mr. Williams has previously managed numerous local and national clients and serves as a point of contact for due diligence and wetlands/ecological services projects in Ohio and the Midwest.

Within the past few years, Justin's primary focus has been on waterway permitting and jurisdictional determinations, environmental site assessments, regulatory guidance, state/federal listed species suitable habitat recommendations, and wetland mitigation monitoring and restoration activities. Justin is a licensed Ohio EPA Asbestos Hazard Evaluation Specialist and is also USFWS-approved to survey for previously federally listed Running Buffalo Clover (*Trifolium stoloniferum*). Justin's field expertise primarily focuses on midwestern states including Ohio, Indiana, Michigan, and Illinois; however, he has previously conducted wetland delineations and various ecological habitat surveys in 24 states throughout the U.S. and Puerto Rico.

Professional Credentials

- Bachelor of Science, Environment & Natural Resources (Major: Fisheries/Wildlife Science), Ohio State University
- Ohio EPA Asbestos Hazard Evaluation Specialist, ID# ES36147
- Ohio Department of Agriculture Commercial Pesticide Applicator License, ID#139687
- USFWS Approved Running Buffalo Clover (*Trifolium stoloniferum*) Surveyor

Relevant Project Experience

- Stream Restoration Plan for Swinerton Renewable Energy, Big River Solar Site, White County, Illinois. 2021.
- Wetlands and Waterways Delineation, Exeter Property Group, 250-acre Site, West Jefferson, Madison County, OH. 2021.
- Wetlands and Waterways Delineation for Invenergy, Proposed High Noon Solar (5,400-Acre Site), Columbia County, WI. 2021.
- Wetlands and Waterways Delineation for Target Brands Inc, Target Distribution Center (88.31-Acre Site), Fridley, Anoka County, MN. 2021.
- Wetlands and Waterways Delineation for Prudential Financial, Inc., Prudential Plaza at Bass Lake (73.86-acre Site), Plymouth, Hennepin County, MN. 2021.
- Indiana Department of Environmental Management (IDEM), 401 WQC Regional General Permit Application, J.C. Hart Company, Inc., Proposed East Bank Mixed Use Development, Noblesville, IN. 2021.
- Indiana Department of Environmental Management (IDEM), 401 WQC Regional General Permit Application, J.C. Hart Company, Inc., Proposed The Preserve at Gray Eagle Development, Fishers, IN. 2021.