

Phase I Environmental Site Assessment for the McKean Woodland Solar Project, McKean County, Pennsylvania

JANUARY 2025

PREPARED FOR

McKean Woodland I LLC

PREPARED BY

SWCA Environmental Consultants

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE MCKEAN WOODLAND SOLAR PROJECT,
MCKEAN COUNTY, PENNSYLVANIA**

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EXECUTIVE SUMMARY

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the proposed McKean Woodland Solar Project, a community-scale solar installation located on an approximately 30-acre portion of 34.53-acre parcel in Liberty Township, McKean County, Pennsylvania (the subject property). The parcel consists primarily of wooded land, with a grassy meadow on the western portion. The subject property excludes the structures on the southwestern corner of the host parcel, as well as the two communication towers on the northern portion of the parcel.

The purpose of this Phase I ESA is to satisfy due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act liability.

The following list presents selected primary findings of this Phase I ESA:

- SWCA's review of historical topographic maps and aerial photographs dated 1902 through 2023 found that the subject property was undeveloped and used primarily for agricultural purposes. A small area of land in the south-central portion of the subject property appears to have potentially been used for an orchard or tree farm. By 1941, aerial photography indicates that many of the trees in this small grid area were missing, and over time the number of trees observed continues to decrease until the area has been completely revegetated in the early 1980s. Based on the small area, the lack of maintenance and reduction of trees, and site history, it is assumed that this potential orchard was not used for commercial sales and was likely not maintained with chemicals. The past use of the subject property is not considered to be a recognized environmental condition (REC).
- SWCA's contact with Agustin Abalo, representing McKean Woodland I LLC, on November 5, 2024, did not reveal any potential environmental concerns related to the subject property or any environmental concerns from neighboring properties.
- SWCA contacted James Lewis, owner of the subject property on November 13, 2024. J. Lewis did not reveal any potential environmental concerns related to the subject property or any environmental concerns from neighboring properties.
- SWCA's review of an October 24, 2024, database search report prepared by Environmental Data Resources, Inc., and supplemental records from state and federal regulatory databases identified no releases on the subject property or any hydrologically upgradient adjoining properties.
- SWCA's reconnaissance of the subject property on August 26, 2024, verified that the subject property consists of primarily agricultural fields and wooded area, with structures along the access road in the southwestern corner that are excluded from the subject property. No significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the property reconnaissance.

The information presented in this report is intended for the exclusive use of McKean Woodland I LLC, and their affiliates, underwriters, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries: interviews, the environmental records review, the property reconnaissance, and the declaration of the Environmental

Professionals. **This Phase I ESA report is viable for 180 days following August 26, 2024** (the date of the property reconnaissance).

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed *no RECs, controlled RECs, or significant data gaps* in connection with the *subject property*.**

CONTENTS

1	Introduction	1
1.1	Purpose	1
1.2	Scope of Work	1
1.3	Limitations.....	2
1.4	User Reliance.....	2
2	Property Description.....	3
3	Physical Setting Analysis	6
3.1	Topography.....	6
3.2	Geology and Hydrogeology.....	6
3.3	Soils	7
4	Historical Property Uses and Records Review	7
4.1	Historical Topographic Map Review.....	7
4.2	Historical Aerial Photograph Review	8
4.3	Sanborn Maps and City Directories.....	9
4.4	Previous Phase I Environmental Site Assessment Reports	9
4.5	Interviews	9
4.6	Environmental Liens and Activity and Use Limitations	10
5	Environmental Records Review	10
5.1	Federal and State Environmental Records.....	10
5.2	Supplemental State and Federal Databases	11
5.2.1	Pennsylvania Department of Environmental Protection.....	11
5.2.2	U.S. Department of Transportation.....	12
5.2.3	U.S. Environmental Protection Agency.....	12
6	Property Reconnaissance.....	12
6.1	Property Inspection.....	12
7	Phase I Environmental Site Assessment Findings.....	13
8	Phase I Environmental Site Assessment Conclusions	14
9	Literature Cited.....	15
10	Signatures of Environmental Professionals	17

Appendices

- Appendix A. Phase I Environmental Site Assessment Scope of Work
- Appendix B. Environmental Professional’s Credentials
- Appendix C. Additional Records
- Appendix D. Correspondence
- Appendix E. Environmental Database Records
- Appendix F. Subject Property Photographs

Figures

Figure 1. Topographic map of the subject property..... 4
Figure 2. Aerial photograph of the subject property..... 5

Tables

Table 1. Soil Types on the Subject Property..... 7
Table 2. Summary of Historical Topographic Map Interpretation for Subject Property 7
Table 3. Summary of Historical Aerial Photograph Interpretation for the Subject Property..... 8
Table 4. Approximate Minimum Search Distances 10
Table 5. Features, Activities, Uses, and Conditions on the Subject Property..... 13

1 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the proposed McKean Woodland Solar Project, a community-scale solar installation located on an approximately 30-acre portion of 34.53-acre parcel in Liberty Township, McKean County, Pennsylvania (the subject property). The parcel consists primarily of wooded land, with a grassy meadow on the western portion. The subject property excludes the structures on the southwestern corner of the host parcel, as well as the two communication towers on the northern portion of the parcel.

1.1 Purpose

The purpose of this Phase I ESA is to satisfy part of the due diligence requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

The Phase I ESA follows the standards described in ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2021). The goal of the processes established by this practice is to assess the property, to the extent feasible pursuant to the processes prescribed in ASTM Standard E1527-21, for the presence of recognized environmental conditions (RECs). A REC is defined in the ASTM standard as “(1) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* to the *environment*; (2) the likely presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* due to a *release* or likely *release* to the *environment*; or (3) the presence of *hazardous substances* or *petroleum products* in, on, or at the *subject property* under conditions that pose a *material threat* of a future *release* to the *environment*.” De minimis conditions, which generally do not present a threat to human health or the environment and generally would not be the subject of enforcement actions if brought to the attention of appropriate regulating agencies, are not RECs.

This Phase I ESA did not include observation, assessment, or reporting of issues identified in the ASTM standard as non-scope considerations, such as asbestos-containing materials, lead-based paint, naturally occurring radon, non-hazardous wastes and materials, mold or microbial growth conditions, biological agents, and medical wastes. No soil, air, or water samples were collected for this Phase I ESA.

1.2 Scope of Work

SWCA’s Environmental Professional (EP), or those under the supervision of the EP, completed this Phase I ESA in accordance with the scope of work included in Appendix A. Deletions or deviations from ASTM Standard E1527-21 are documented in Section 1.3 of this report. To achieve the objective referenced above, SWCA completed the following tasks:

- Requested ASTM-specified information from the user of this Phase I ESA
- Surveyed relevant documents to assess the subject property’s physical setting
- Reviewed historical topographic maps and historical aerial photographs
- Conducted appropriate interviews
- Reviewed appropriate federal and state environmental records
- Completed a reconnaissance of the subject property and observed adjoining properties

- Prepared this Phase I ESA report and referenced all information sources herein

SWCA warrants that qualified EPs were responsible for the preparation of this report in conformance with ethical business practices and industry standards. The tasks required by ASTM to be performed by an EP and competent personnel were in fact performed by an EP and competent personnel. Among other ASTM-required responsibilities for an EP, an EP was involved in the planning of the property reconnaissance. Appendix B contains the credentials of the EP responsible for preparation of this report.

1.3 Limitations

Some standard sources are not readily available and thus were not used to prepare this Phase I ESA. This Phase I ESA is intended to minimize, but not eliminate, uncertainty regarding the potential for RECs in connection with the subject property, with reasonable limits to time and cost. Data gaps, limitations, and deviations from the ASTM standard are described below.

- SWCA was not provided with title reports or judicial records of environmental liens and activity and use limitations (AULs).
- Because of the lack of available aerial photographs and U.S. Geological Survey (USGS) topographic maps, the commonly used 5-year interval between photographs and topographic map dates could not be followed for all photographs and maps reviewed. Although some uses can be determined, the resolution of historical aerial photographs limits SWCA's ability to identify on-site details.
- Based on our professional experience with similar historically undeveloped properties, a city directory search would not have yielded useful information.
- Because the on-site structures are excluded from the subject property, the interior of these buildings were not inspected during this Phase I ESA.

Although SWCA's scope of work precludes SWCA from providing a warranty or guarantee regarding the presence or absence of hazardous materials that could potentially affect the subject property, SWCA has provided its best professional judgement on the presence or absence of such materials. This Phase I ESA was not performed to provide a comprehensive evaluation of business environmental risk.

Because alternatives to standard sources served as a solid basis of learning past property uses and conditions, and because supplemental data sources provided sufficient information, these gaps in the data are not considered to be significant and are not thought to have affected SWCA's ability to identify RECs on the subject property. SWCA's findings and conclusions within this assessment do not take into consideration the limitations identified in this report.

1.4 User Reliance

The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other location. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the property reconnaissance and data source searches. Findings are based solely on the above-referenced methods and limitations.

The information presented in this report is intended for the exclusive use of McKean Woodland I LLC, and their affiliates, underwriters, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. If the Phase I ESA will be relied upon by a

different party than the user for whom the Phase I ESA was originally prepared, that party must also satisfy the user's responsibilities in Section 6 of ASTM Standard E1527-21.

This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries (AAIs): interviews, environmental records review, property reconnaissance, and the declaration of the EPs. **This Phase I ESA report is viable for 180 days following August 26, 2024** (the date of the property reconnaissance). Continued viability of this report is subject to ASTM Standard E1527-21, Sections 4.6 to 4.8. The validity of the report can be renewed by updating the components of AAIs listed above.

2 PROPERTY DESCRIPTION

The subject property is approximately 33 acres of agricultural land, consisting primarily of an open field with wooded land on the eastern and northern portions, in Liberty Township, McKean County, Pennsylvania (Figures 1 and 2). The subject property lies within a single parcel on the northern side of Woodland Road, identified by Parcel Number 26-004-308.2 and listed as being owned by James L. Lewis (McKean County Assessment Office 2024) (Appendix C).

The subject property is adjoined by Woodland Drive to the south, followed by agricultural land and the Grand Army of the Republic Highway (State Route 6) to the south of Woodland Road, and undeveloped wooded land to the north, east, and west. Two communication towers are located on the northern portion and highest elevation of the parcel; however, these towers and the immediate land around them are excluded from the subject property. A gravel driveway from Woodland Drive at the southwestern corner of the subject property provides access to these two towers. A residence and three associated outbuildings are located along the gravel drive. All structures are not included as part of the subject property.

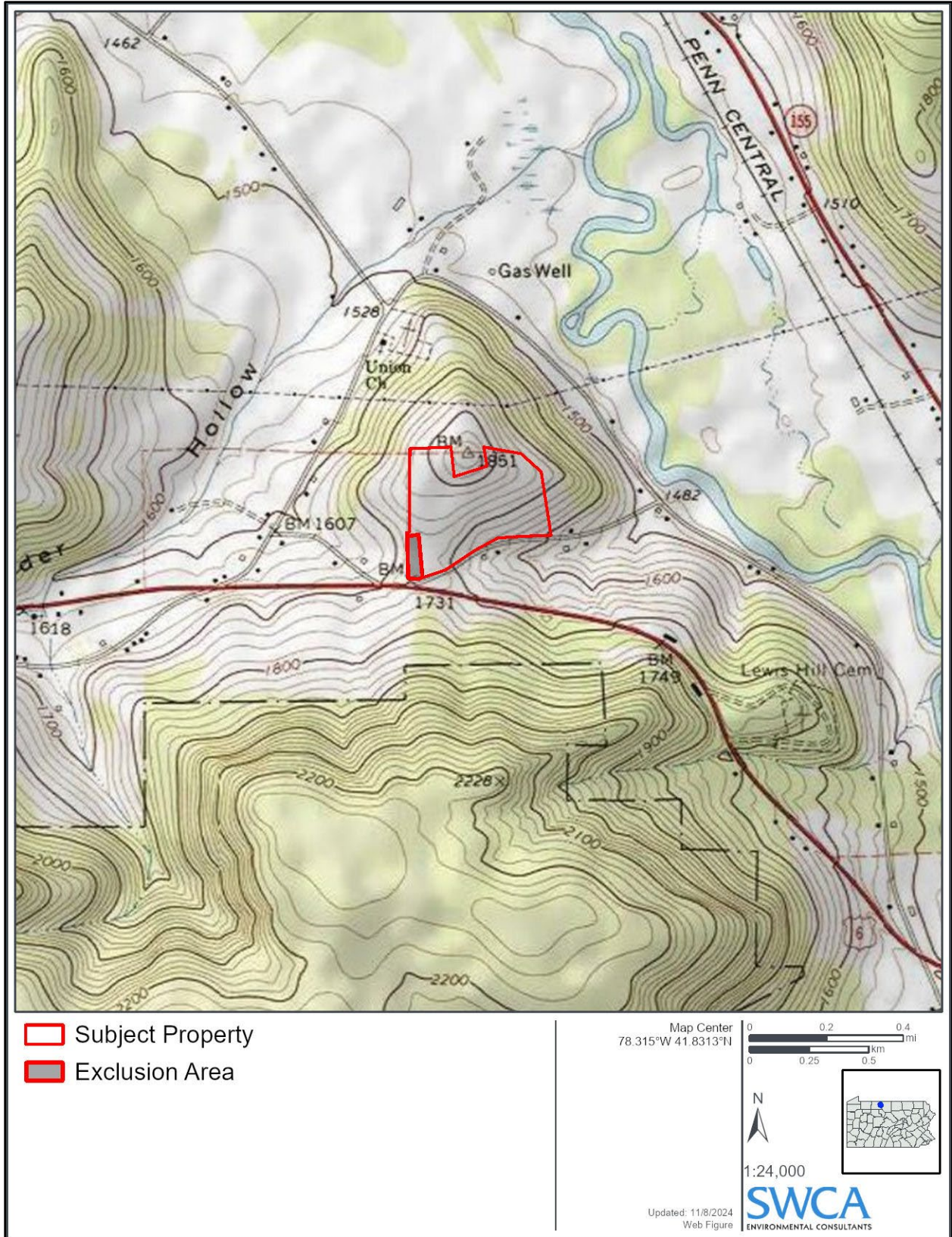


Figure 1. Topographic map of the subject property.

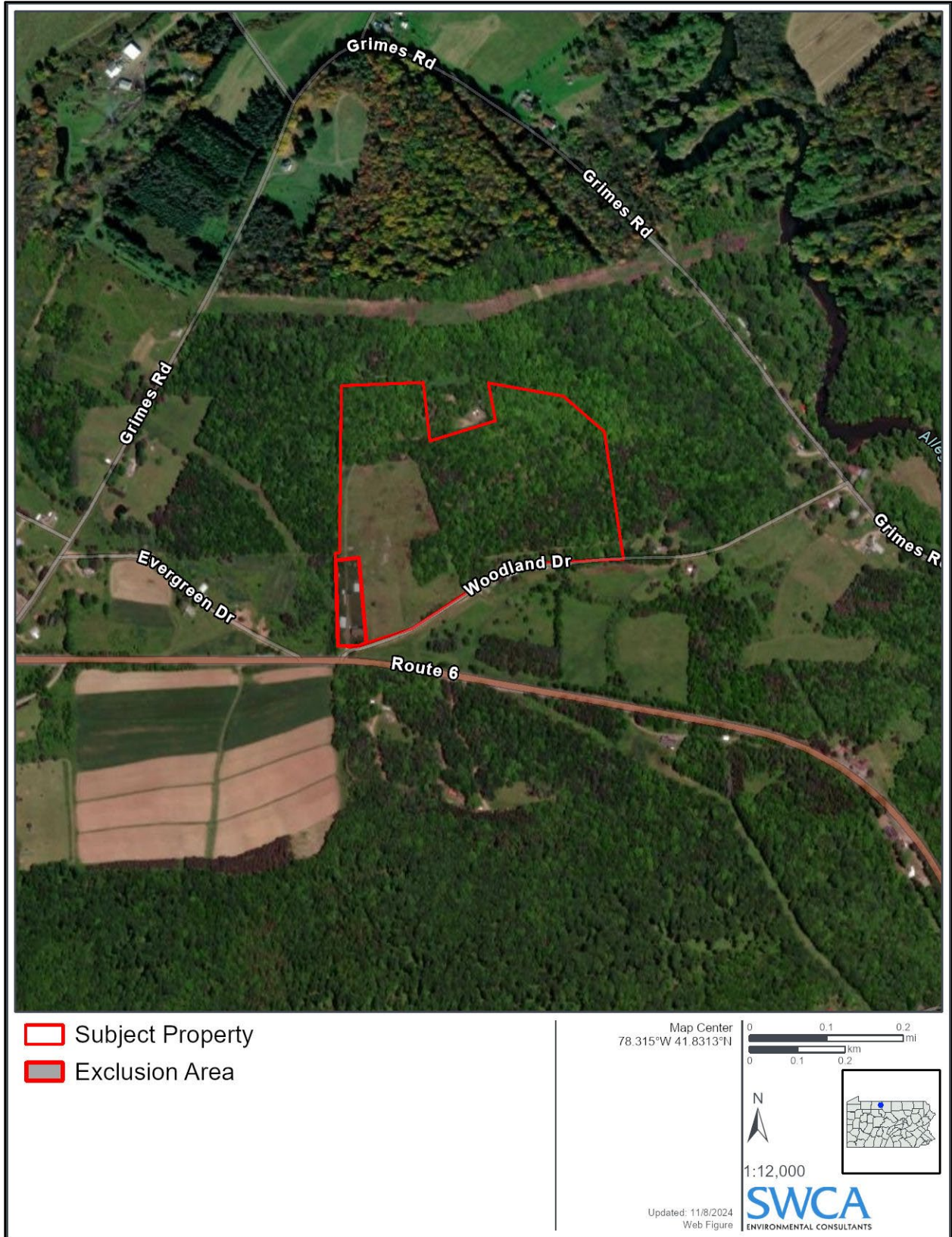


Figure 2. Aerial photograph of the subject property.

3 PHYSICAL SETTING ANALYSIS

SWCA reviewed pertinent key physical characteristics of the subject property, obtained from available natural history information sources.

3.1 Topography

The subject property is in the High Plateaus Section of the Appalachian Plateaus physiographic province of Pennsylvania (National Park Service 2024; Pennsylvania Department of Conservation and Natural Resources [DCNR] 2024a). Stretching from New York to Alabama, the Appalachian Plateau is a result of deformation by mountain-building tectonic plate collisions. It is composed of sedimentary rocks including sandstones, conglomerates, and shales deposited during the late Paleozoic. These rocks exist largely as horizontal beds that have been cut by streams to form the mountainous terrain that is distinctive today. The High Plateaus Section is characterized by broad, rounded to flat uplands having deep, angular valleys.

USGS topographic maps of the region indicate that the subject property includes a hilltop peak on the northern border corner at approximately 1,851 feet above mean sea level (amsl) (USGS 2024a). Along the southeastern perimeter of the subject property, the topography slopes down to approximately 1,600 feet amsl from the hilltop peak. The overall topography slopes downward in a southeastern direction toward the Allegheny River, approximately 0.25 mile east of the subject property.

Elevation ranges from approximately 1,851 feet amsl in the northern portion of the subject property to approximately 1,600 feet amsl in the eastern and southeastern portions of the subject property.

3.2 Geology and Hydrogeology

Mineral resources spatial data indicate the bedrock geology of the of the subject property consists of the Catskill Formation (DCNR 2024b; USGS 2024b). The Catskill Formation dates back to the Devonian period and is characterized by sedimentary clastic sandstone, mudstone, shale, and siltstone as major lithologic constituents.

Groundwater on the subject property flows east toward the Allegheny River and north toward an unnamed tributary of the Allegheny River, which flows in a northerly direction. Generally, groundwater flow direction has been inferred based on topography in the vicinity of the subject property, with the assumption that shallow groundwater flow will follow surface topography (USGS 2024a). It can be inferred that groundwater of the subject property would flow northeast toward the Allegheny River. No site-specific measurements of groundwater depth or flow direction have been performed.

The Pennsylvania Groundwater Information System water well and spring database identified no water wells on the subject property (DCNR 2024c). One water well located within 0.5 mile to the west was drilled to 100 feet, with bedrock (sandstone and gray shale) level observed at 36 feet below grade (bg), water level at 44 feet bg, and a well yield of 20 gallons per minute. A second water well is located within 0.25 mile to the northeast and was drilled to 104 feet, with bedrock level observed at 50 feet bg, water level at 25 feet bg, and a well yield of 6 gallons per minute.

3.3 Soils

A review of soils data from the Natural Resources Conservation Service (NRCS) Web Soil Survey indicates the soil types of the subject property are primarily composed of silt loams (Table 1) (NRCS 2024a).

Location-specific soil data are readily available from the NRCS (2024a, 2024b) and via an interactive KMZ file from the California Soil Resource Lab (2024).

Table 1. Soil Types on the Subject Property

Soil Name	Description
Buchanan silt loam	Soils of the Buchanan series are very deep, somewhat poorly and moderately well drained, and slowly permeable. They formed in colluvium derived from acid sandstone, quartzite, siltstone, and shale and occur on mountain footslopes, side slopes and in valleys. Slope ranges from 0 to 45 percent.
Hartleton and Buchanan soil	The Hartleton series consists of deep, well drained, soils formed in colluvium or residuum from glacial till or frost churned residuum derived from sandstone, shale, and siltstone. Slope ranges from 2 to 70 percent. See above for Buchanan series.
Leck Kill channery silt loam	The Leck Kill series consists of deep and very deep, well drained soils formed in residuum or glacial till weathered from red shale, siltstone, and sandstone. They are on the uplands. Slopes range from 0 to 60 percent.

Source: NRCS (2024b).

4 HISTORICAL PROPERTY USES AND RECORDS REVIEW

The history of the subject property and adjoining properties was reviewed in accordance with the ASTM standard, except as noted in Section 1.3. Historical uses of the subject property were determined based on a review of readily available, reasonably ascertainable data, including topographic maps, aerial photographs, and interviews.

4.1 Historical Topographic Map Review

SWCA reviewed USGS topographic maps of the area dated 1933 to 2019, provided by Environmental Data Resources, Inc. (EDR) (2024a) and the USGS (2024a). Table 2 provides a summary of SWCA’s evaluation of the reviewed topographic maps.

Table 2. Summary of Historical Topographic Map Interpretation for Subject Property

Dates of USGS Topographic Maps	Observations
1937, 1948, and 1960 Smethport USGS 15-minute series 1:62,500 scale	The subject property appears to be undeveloped land, with a hilltop on the northern border that slopes downward to the east, west, and south on the subject property. Woodland Drive is located south of the subject property, running from southwest to northeast. Structures are mapped to the east, south, and west. Route 6 is present to the south of the subject property. The Allegheny River is located east of the subject property. Ostrander Hollow is mapped to the west of the subject property and flows into the Allegheny River to the northeast. Undeveloped cleared and wooded land and a church are located north of the subject property.

Dates of USGS Topographic Maps	Observations
1972, 1983 Port Allegany USGS 7.5-minute series 1:24,000 scale	No significant changes to the subject property or adjoining properties were noted. The benchmark at the top of the hill on the northern portion of the subject property is labeled as 1851 feet amsl and at the southwestern point the benchmark is labeled as 1731 feet amsl. The utility right-of-way line is depicted 300 feet to the north of the subject property by this time. A gas well is depicted 2,000 feet to the northeast and downgradient of the subject property.
2010, 2013, 2016, 2019, and 2023 USGS 7.5-minute series 1:24,000 scale	These maps are modern topographic maps and do not depict details or structures.

4.2 Historical Aerial Photograph Review

SWCA reviewed historical aerial photographs of the subject property spanning from 1941 to 2022 (EDR 2024b; Google Earth 2024). Table 3 provides a summary of SWCA’s evaluation of the reviewed aerial photographs.

Table 3. Summary of Historical Aerial Photograph Interpretation for the Subject Property

Year	Observations of Aerial Photographs
1941	The subject property is undeveloped cleared land. It appears that the western portion is used for agricultural fields. There is a small area with grid partially full of trees that appears to be an orchard on the subject property. The surrounding properties are primarily undeveloped fields with some tree coverage. There is a single structure on the parcel south of Woodland Drive and one structure west of the subject property.
1956	No significant changes to the subject property or surrounding properties were observed other than the agricultural fields on western side of subject property are no longer seen.
1958	No significant changes to the subject property or surrounding properties were observed other than the orchard has thinned to only 12 trees.
1968	No significant changes to the subject property or surrounding properties were observed other than the orchard being further thinned to only six trees. A second structure has been constructed to the south of Woodland Drive by this time.
1977	No significant changes to the subject property or surrounding properties were observed other than more tree coverage observed on the eastern and northern portions of the subject property.
1983	No significant changes to the subject property or surrounding properties were observed with the exception of further tree coverage present on the subject property and the orchard area appears to be revegetating naturally.
1989	By this time, the gravel access road for the future communication towers is seen and construction of the residence adjoining the subject property in the southwestern corner of the subject parcel has started.
1993	The residence in the southwest corner of the subject parcel has been constructed by this time. No other significant changes to the subject property or adjoining properties were observed.
1994	No significant changes to the subject property or adjoining properties were observed.
2000	No significant changes to the subject property or surrounding properties were observed. Unclear image.
2005	There are additional structures in the southwest corner of the subject parcel, as well as a gravel path going north along these structures and the agricultural fields and then turning east toward a new structure and the communications tower. A utility right-of-way is seen by this time running west to east along the southern portion of the subject property. No other significant changes to the subject property or adjoining properties were observed.
2006	No significant changes to the subject property or adjoining properties were observed.
2008	No significant changes to the subject property or adjoining properties were observed other than the wooded area becoming more thickly vegetated

Year	Observations of Aerial Photographs
2010	No significant changes to the subject property or adjoining properties were observed other than the communications tower north of the subject property has been constructed.
2013	No significant changes to the subject property or adjoining properties were observed.
2015	No significant changes to the subject property or adjoining properties were observed.
2016	No significant changes to the subject property or adjoining properties were observed.
2019	There is second electrical tower adjacent to the structure on the northern portion of the subject parcel. No other significant changes to the subject property or adjoining properties were observed.
2022	No significant changes to the subject property or adjoining properties were observed.

4.3 Sanborn Maps and City Directories

Historical Sanborn Fire Insurance Maps were originally produced to assess fire insurance liability in the United States, primarily in urban areas. Key information, such as building construction, site occupants, storage tank locations, and hazardous materials, are identified in Sanborn Fire Insurance Maps. The Certified Sanborn Map Report by EDR (2024c) certifies that the complete holdings of the Sanborn Library, LLC, collection have been searched based on client-supplied target property information, and that fire insurance maps covering the target property were not found.

Historical city directories (EDR 2024d) revealed that since 2005, all structures adjoining the subject property have been residential. There are two commercial businesses along Route 6; however, these are both hydrologically downgradient of the subject property, and the nature of the businesses do not pose a REC.

4.4 Previous Phase I Environmental Site Assessment Reports

SWCA is not aware of and did not review any other previously completed Phase I ESA reports or other similar environmental reports relevant to this Phase I ESA.

4.5 Interviews

Agustin Abalo, representing McKean Woodland I LLC, completed a Phase I ESA User Questionnaire regarding the subject property on November 5, 2024 (Appendix D). A. Abalo noted that the purchase price being paid for the subject property reasonably reflects its fair market value. A. Abalo stated that past uses of the subject property were primarily agricultural. They do not know of any significant spills, chemical releases, or environmental cleanups that have occurred on the subject property, and they are not aware of any obvious indicators that point to the presence or likely presence of releases at the subject property.

SWCA conducted an interview over the phone with James Lewis, the owner of the subject property, to complete a Phase I ESA Landowner Questionnaire regarding the subject property on November 13, 2024 (Appendix D). J. Lewis stated that he has owned the subject property since the 1980s, purchasing it from the Hahns (previous owners, did not know first name). J. Lewis stated that the subject property has only been used for agricultural and residential purposes. J. Lewis was unaware of any significant spills, chemical releases, or environmental cleanups that have occurred on the subject property and are not aware of any obvious indicators that point to the presence or likely presence of releases at the subject property.

J. Lewis was unaware of AULs, current or former underground storage tanks, or previous environmental reports for the subject property.

4.6 Environmental Liens and Activity and Use Limitations

Completion of searches for recorded environmental liens and AULs is a responsibility of the user of a Phase I ESA. It is the user’s responsibility to obtain and review title records back to 1980 (the year CERCLA was enacted); however, A. Abalo, representing McKean Woodland I LLC, indicated on November 5, 2024, that they are not aware of any environmental cleanup liens or AULs for the subject property.

5 ENVIRONMENTAL RECORDS REVIEW

SWCA conducted an environmental records review to establish the environmental history of the subject property and surrounding area to ascertain whether hazardous waste or hazardous material management, handling, treatment, or disposal activities have occurred on or near the subject property.

5.1 Federal and State Environmental Records

An environmental database search report generated by EDR (2024e) on August 2, 2024, was used to access environmental records for the subject property and surrounding properties (Appendix E). The databases searched by EDR include those specified by ASTM Standard E1527-21, as well as several additional federal and state databases and databases proprietary to EDR. EDR updates its records in accordance with ASTM Standard E1527-21 guidelines, and ASTM’s standard search distances were followed (Table 4). Additional listed facilities that EDR has not identified may exist within a 1-mile radius.

Table 4. Approximate Minimum Search Distances

Record Sources	Approximate Minimum Search Distance (miles)
Federal Databases	
National Priorities List (NPL)	1.0
Delisted NPL	0.5
CERCLA/CERCLA No Further Remedial Action Planned sites	0.5
Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities	1.0
RCRA non-CORRACTS Treatment, Storage, and Disposal facilities	0.5
RCRA generators list	Subject property and adjoining
Institutional control/Engineering control registries	Subject property only
Emergency Response Notification System	Subject property only
State and Tribal Databases	
NPL/“Superfund” state equivalent	1.0
Hazardous waste facilities	0.5
Landfill and solid waste disposal site lists	0.5

Record Sources	Approximate Minimum Search Distance (miles)
Leaking storage tank lists	0.5
Registered storage tank lists	Subject property and adjoining
Institutional control/Engineering control registries	Subject property only
Voluntary cleanup sites	0.5
Brownfield sites	0.5

Source: ASTM (2021).

SWCA’s review of the EDR database report reviewing records from state and federal regulatory databases found the following:

- There were no sites mapped on the EDR Report within the applicable search radii (Table 4) of the subject property.
- EDR database reports also identify unmapped sites (sites or facilities that are listed in one or more regulatory agency databases but that could not be readily mapped because of incomplete address or location information). No unmapped sites were identified within the search area.

5.2 Supplemental State and Federal Databases

SWCA reviewed supplemental records from state and federal regulatory databases at the Pennsylvania Department of Environmental Protection (PADEP) (2024a–2024f), U.S. Department of Transportation (2024), and U.S. Environmental Protection Agency (EPA) (2024a–2024d). The summary of these findings is below in Sections 5.2.1 through 5.2.3.

5.2.1 Pennsylvania Department of Environmental Protection

The following was found on or within 1 mile of the subject property on the PADEP Environmental Site Assessment Search Tool (PADEP 2024a) with any additional information for each site found on the PA eFACTs database (PADEP 2024b). PADEP’s Environmental Site Assessment online mapping search tool results showed no sites or reported releases identified on the subject property or adjoining properties (PADEP 2024b). There were multiple encroachment sites within 1 mile that were associated with natural gas main replacement and wetlands permitting. An oil or gas well site was mapped 0.85 mile to the southeast labeled the Hall 101 OG Well and is currently inactive. A violation was listed from 2000 for failure to plug the well upon abandonment. The former OG well does not represent a REC for the subject property based on distance and topographic gradient. An oil or gas well was mapped 0.81 mile to the west labeled C Ostrander 82 OG. This well is currently inactive and was plugged in 1995 (PADEP 2024b). The plugged OG well does not represent a REC for the subject property based on distance, age, and topographic gradient. Mines are mapped on the opposite side of the Allegheny River that were all reclaimed or never materialized and therefore do not represent RECs for the subject property.

There were no oil and gas well sites identified on the subject property on the PADEP Oil and Gas Mapping Application (PADEP 2024c). There were no oil or gas wells mapped within 1 mile of the subject property and the two (inactive) wells identified in the PADEP ESA Search Tool were not included on this map.

No sites listed as having Municipal Waste Landfills and Resource Recovery Facilities were mapped on the subject property or adjoining properties (PADEP 2024d). No underground storage tanks were

identified on the subject property or adjoining properties (PADEP 2024e). Additionally, the subject property and adjoining properties do not appear to be mapped as reported sites with perfluoroalkyl and polyfluoroalkyl substances (PFAS). The Statewide PFAS Sampling Plan did not reveal any water supplies within 1 mile of the subject property that contain PFAS (PADEP 2024f).

5.2.2 U.S. Department of Transportation

No national natural gas transmission pipelines or hazardous liquid pipelines are mapped within 1 mile of the subject property. No national hazardous liquid pipelines, liquefied natural gas plants, or Breakout Tanks are mapped in the vicinity of the subject property. No pipeline incidents (gas) or accidents (liquid) are reported on or adjoining the subject property (U.S. Department of Transportation 2024).

5.2.3 U.S. Environmental Protection Agency

No Cleanups in my Community sites listed by the EPA are mapped within 1 mile of the subject property (EPA 2024a). No sites were mapped within 1 mile of the subject property on the Enviromapper database other than National Pollutant Discharge Elimination System permits (EPA 2024b). No sites were found on the Envirofacts database mapping system within 1 mile (EPA 2024c). The closest toxic release was on Old Coleman Road in Port Alleghany, approximately 3 miles southeast of the subject property (EPA 2024d).

6 PROPERTY RECONNAISSANCE

Alex Miller of SWCA, under the supervision of and with planning by the EP, completed the Phase I ESA site investigation for the subject property on August 26, 2024. The subject property was accessed by on-site access roads and by walking throughout the site. Appendix F includes photographs taken during the property reconnaissance.

6.1 Property Inspection

The subject property consists of primarily undeveloped agricultural fields and wooded areas, with an access road travelling north from Woodland Drive. The structures along this gravel road are excluded from the subject property. An electrical utility right-of-way lies along the southern portion of the subject property, travelling in an east-west orientation. A gravel access road for two communication towers comes from Woodland Drive and heads north. These towers and the immediate land surrounding the tower are excluded from the subject property. The interiors of the excluded structures were not inspected as part of this assessment.

No significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the property reconnaissance (Table 5). The only signs of dumping are located off the subject property on the parcel to the south of Woodland Drive, downgradient of the subject property.

Table 5. Features, Activities, Uses, and Conditions on the Subject Property

Item	Present	Notes
Structures	No	Structures along the access road on the southwest corner are excluded from subject property. The communications tower has an associated meter building that is also excluded from the subject property.
Roads	Yes	Access road in southwest going up western border.
Potable water supply/source	No	Not applicable (N/A)
Sewage disposal system	No	N/A
Hazardous substances and petroleum products in connection with identified uses	No	N/A
Storage tanks	No	N/A
Strong, pungent, or noxious odors	No	N/A
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	No	N/A
Drums, totes, and intermediate bulk containers	No	N/A
Hazardous substance and petroleum product containers not in connection with identified uses	No	N/A
Unidentified substance containers	No	N/A
Polychlorinated biphenyl-containing items	No	N/A
Heating/Cooling	No	N/A
Stains or corrosion on floors, walls, or ceilings (not water)	No	N/A
Drains and sumps	No	N/A
Pits, ponds, or lagoons	No	N/A
Stained soil or pavement	No	N/A
Unduly stressed vegetation	No	N/A
Solid waste disposal	No	N/A
Water/Wastewater discharge	No	N/A
Wells	No	N/A
Septic systems or cesspools	No	N/A

7 PHASE I ENVIRONMENTAL SITE ASSESSMENT FINDINGS

The following list presents selected primary findings of this Phase I ESA:

- SWCA’s review of historical topographic maps and aerial photographs dated 1902 through 2023 found that the subject property was undeveloped and used primarily for agricultural purposes. A small area of land in the south-central portion of the subject property appears to have potentially been used for an orchard or tree farm. By 1941, aerial photography indicates that many of the trees in this small grid area were missing, and over time the number of trees observed continues to decrease until the area has been completely revegetated in the early 1980s. Based on the small area, the lack of maintenance and reduction of trees, and site history, it is assumed that this

potential orchard was not used for commercial sales and was likely not maintained with chemicals. The past use of the subject property is not considered to be a REC.

- SWCA's contact with McKean Woodland I LLC, did not reveal any potential environmental concerns related to the subject property or any environmental concerns from neighboring properties.
- SWCA contacted J. Lewis, owner of the subject property on November 13, 2024. J. Lewis did not reveal any potential environmental concerns related to the subject property or any environmental concerns from neighboring properties.
- SWCA's review of an October 24, 2024, EDR database search report and supplemental records from state and federal regulatory databases identified no releases on the subject property or any hydrologically upgradient adjoining properties.
- SWCA's reconnaissance of the subject property on August 26, 2024, verified that the subject property consists of primarily agricultural fields and wooded area, with structures along the access road in the southwestern corner that are excluded from the subject property. No significant quantities of hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of significant spills, ground staining, unusual odors, or potential contamination was observed on or adjoining the subject property during the property reconnaissance.

8 PHASE I ENVIRONMENTAL SITE ASSESSMENT CONCLUSIONS

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation and the information obtained through the activities of this Phase I ESA, excluding the limitations. The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other site. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the property reconnaissance and data source searches.

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed *no RECs, controlled RECs, or significant data gaps in connection with the subject property.***


9 LITERATURE CITED

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10 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in 312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. My qualifications are presented in Appendix B of this report.

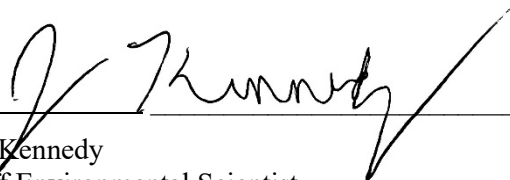


Alison Holmes
Environmental Professional

January 9, 2025

Date

Research and reporting were conducted in conformance with ethical business practices and industry standards by staff with the education, training, and experience to assess a property of the nature, history, and setting of the site. These tasks were completed under the direction of the Environmental Professional.



Joe Kennedy
Staff Environmental Scientist

January 9, 2025

Date

APPENDIX A

Phase I Environmental Site Assessment Scope of Work



ENVIRONMENTAL CONSULTANTS

Sound Science. Creative Solutions.®

80 Emerson Lane, Suite 1306
Bridgeville, Pennsylvania 15017
Tel 412.839.1001 Fax 412.839.1005
www.swca.com

SCOPE OF SERVICES

TASK 2. PHASE I ENVIRONMENTAL SITE ASSESSMENT

SWCA will complete a Phase I Environmental Site Assessment (ESA) for the McKean Woodland Solar Projects. In the attached Scope of Work, SWCA proposes to conduct the Phase I ESA pursuant to ASTM Standard E1527-21 guidelines as is currently approved by the United State Environmental Protection Agency. The Phase I ESA tasks will be directed by a qualified Environmental Professional as required by the ASTM Standard.

A Phase I ESA conducted in accordance with ASTM Standard E1527-21 constitutes all appropriate inquiry (AAI) into the previous ownership and uses of the property, consistent with good commercial or customary practice and will allow the user to satisfy one of the requirements for landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, 42 U.S.C. §9601).

The goal of a Phase I ESA is to assess the subject property, to the extent practical, for the potential presence of recognized environmental conditions (RECs), defined in ASTM Standard E 1527-21 as “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.” The following Scope of Work applies to a Phase I ESA and consists of the following subtasks.

RECORDS REVIEW

SWCA will review appropriate documents including historical aerial photographs, topographic maps, and other land-use documents in order to identify past operations or activities that may have caused the release of hazardous substances into the environment for the subject property and adjoining properties. If made available by the client, SWCA also will review copies of environmental reports previously prepared for the subject property, environmental liens and activity and use limitations (AULs), and other available environmental documents relating to the subject property. As part of the review process, subject property location, hydrogeological characteristics, geographic setting, and physiography also will be summarized.

Additionally, available state and federal regulatory databases will be reviewed to determine whether the subject property, adjacent properties, or nearby facilities have been subject to environmental actions or review. The regulatory database review will, at a minimum, include the databases required to satisfy the ASTM standard. Should an in-person regulatory file review become necessary, a change order will be provided.

INTERVIEWS

If property owner contact information is made available by the client, SWCA personnel will attempt to interview individuals who are knowledgeable about the history of the subject property. Reasonable attempts will be made to interview at least one staff member of state or local government agencies regarding information that indicates RECs in connection with the property.

SITE RECONNAISSANCE

A Phase I ESA includes a reconnaissance of the site and vicinity to observe and photograph areas with potential RECs and to document current subject property conditions. SWCA will observe areas of environmental interest on the subject property based on information gathered during the records review, interviews, and user provided information, where it is safe to access. Field staff will also view the adjacent property from the edge of the subject property in general for additional observations, photographs, and notes. Access to private, locked, or restricted areas would be arranged by a client representative. This Scope of Work does not include activities such as collecting or analyzing soil, air, water, or other environmental samples.

USER PROVIDED INFORMATION

User-provided information is an essential component of the Phase I ESA and includes items such as copies of previous Phase I ESAs or other relevant environmental documents, a completed ASTM Phase I ESA User Questionnaire, a completed SWCA Initial Data Request, and access to the subject property. The user is responsible for completing a search of recorded land-title records and judicial records for environmental liens and activity and use limitations (AULs). A 50-year chain-of-title report and a search for liens and AULs will not be obtained by SWCA under this Scope of Work.

REPORT GENERATION

The Phase I ESA finding will be summarized and documented in one report. Sections within the report will include 1) a description of the site, 2) summaries of the site history and interviews, 3) a regulatory database review, 4) a description of the site reconnaissance, 5) report findings and conclusions, and 6) figures and appendices. The report will include SWCA's professional opinion concerning the environmental disposition of the site regarding the presence of RECs. Report limitations and literature cited will also be included. The potential for contaminant migration, including vapor in the subsurface, will be assessed in accordance with ASTM Standard E 1527-21, but a formal ASTM Standard E 2600-10 Vapor Encroachment Screening to identify vapor encroachment conditions will not be conducted as part of this Scope of Work.

According to the ASTM Standard, the content of a Phase I ESA is valid for 180 days after the first data is collected. If the date of the intended use for Phase I ESA is not within 180 days, an update may be necessary. Non-scope issues identified in the ASTM Standard include radon, lead and asbestos, radioactivity, regulatory compliance, wetlands, and endangered species. Non-scope issues will not be addressed in the report.

APPENDIX B

Environmental Professional's Credentials

Education / Training

- B.S., GEOLOGY; UNIVERSITY OF MASSACHUSETTS-AMHERST; 2001

Expertise

- LARGE-SCALE PHASE I ESAs (2247-16)
- COMMERCIAL AND INDUSTRIAL PHASE I ESAs (1527-21)
- MCP SITE ASSESSMENTS AND CLOSURE
- UST REMOVAL OVERSIGHT
- CONSTRUCTION MONITORING AND INSPECTION
- STORMWATER POLLUTION MONITORING AND INSPECTION
- AUTOCAD DRAWING OF EXISTING CONDITIONS, CROSS-SECTIONS, AND REMEDIAL ACTIVITY SITE PLANS
- PROJECT MANAGEMENT

Licenses

- MASSACHUSETTS LICENSED SITE PROFESSIONAL; 2019
- CERTIFIED EROSION, SEDIMENT, STORMWATER INSPECTOR; 2022

Relevant Projects

- OVER 100 ASTM PHASE I ESAs NATIONWIDE
- PHASE I ESA; HAVERHILL, ESSEX COUNTY, MASSACHUSETTS
- THREE PHASE I ESAs FOR LAND DEVELOPMENT PROJECTS; OSWEGO COUNTY, NEW YORK
- PHASE I AND II ESAs; CAMBRIDGE, DORCHESTER COUNTY, MARYLAND
- PHASE I ESA AND UPDATE; WINDHAM, CUMBERLAND COUNTY, MAINE
- PHASE I ESA 6 ACRES; SYDNEY, DELAWARE COUNTY, NEW YORK
- PHASE I ESA FOR SOLAR DEVELOPMENT; OTTO, FALLS COUNTY, TEXAS

Alison Holmes is an Environmental Professional and Project Manager with 22 years of experience in the assessment and management of a broad range of environmental assessments. Alison has completed more than 100 ASTM Phase I Environmental Site Assessments (ESAs) using All Appropriate Inquiry (AAI) for a variety of types of projects and properties. A. Holmes has also completed numerous Phase II ESAs that involve the sampling and evaluation of site soils, sediment, and/or groundwater.

Alison has conducted and managed fieldwork that includes site characterization, drilling supervision, monitoring well installations, and sampling. Her degree as a geologist has given her the experience necessary to complete bedrock studies and contaminant transport evaluations. She evaluates analytical data for the project to support risk-based decisions or determine data gaps and provides communication with clients and state regulatory personnel. In 2019, Alison became a Licensed Site Professional (LSP) certified in Massachusetts to oversee remedial sites under the Massachusetts Contingency Plan (MCP).

Alison has supervised many underground storage tank (UST) removals and supervised any cleanups as necessary. She has conducted soil management for many construction projects across Massachusetts, including projects for the Massachusetts Department of Transportation and utility companies. She has been an Environmental Inspector (EI) for utility and construction projects and obtained her Certified Erosion, Sediment, and Stormwater Inspector (CESSWI) Certificate for the National Pollutant Discharge Elimination System (NPDES) permit projects.

Alison has worked on multiple Federal Energy Regulatory Commission Resource Reports providing soils and geology evaluations. She is also skilled at the use of computer mapping for environmental studies. Ms. Holmes has been 40-hour Hazardous Waste and Emergency Response (HAZWOPER) certified since 2001, and as a supervisor since 2009.

Education / Training

- B.S., GEOLOGY; UNIVERSITY OF RHODE ISLAND; 2016

Expertise

- LARGE-SCALE PHASE I ESAs (2247-16)
- COMMERCIAL and RESIDENTIAL PHASE I ESAs (1527-21)
- SOIL AND GROUNDWATER ASSESSMENTS
- CONSTRUCTION MONITORING AND INSPECTION
- STORMWATER POLLUTION MONITORING AND INSPECTION
- SOIL MANAGEMENT

Licenses/Certifications

- MASSACHUSETTS LICENSED ASBESTOS INSPECTOR
- EPA CONSTRUCTION INSPECTION TRAINING COURSE; 2023

Relevant Projects

- PHASE I ESA; LANCASTER, WORCESTER COUNTY, MASSACHUSETTS
- PHASE I ESA; FOR LAND DEVELOPMENT PROJECTS
- PHASE I AND II ESAs; CAMBRIDGE, BOSTON, BROOKLINE
- PHASE I ESA; LANCASTER COUNTY, PENNSYLVANIA

Joseph Kennedy is an Environmental Technician with 3 years of experience in the assessment of a broad range of environmental assessments. Joseph has conducted numerous ASTM Phase I Environmental Site Assessments (ESAs) using All Appropriate Inquiry (AAI) for a variety of types of projects and properties. Joseph has also supported numerous Phase II ESAs that involve the sampling and evaluation of site soils, sediment, groundwater, as well as vapor intrusion evaluations.

Joseph has conducted fieldwork that includes site characterization, drilling supervision, monitoring well installations, and sampling. His degree as a geologist has given him the experience necessary to complete bedrock studies, soil characterizations, and contaminant transport evaluations. He evaluates analytical data for the project to support risk-based decisions or determine data gaps.

Mr. Kennedy has been 40-hour Hazardous Waste and Emergency Response (HAZWOPER) certified since 2016 and is an Asbestos Inspector since 2021.

APPENDIX C

Additional Records

Tax Parcel PIN: 26-004-308.2

Parcel Data:

Parcel PIN: 26-004-308.2

Municipality: LIBERTY TWP

District: 26

Page: 004

Parcel Number: 308.2

Coordinates for Points of beginning / Surveyors Reference:

41° 49' 53.373" N 78° 18' 54.896" W

41.83149258 -78.31524884

Deeded Acreage: 34.53 ac

Tax Parcel Pin: 26-004-308.2

Tax ID Number: 26-004-308.2

Property Ownership Data:

Owner Name: LEWIS, JAMES L

In Care of :

Mailing Address: 7 WOODLAND DRIVE

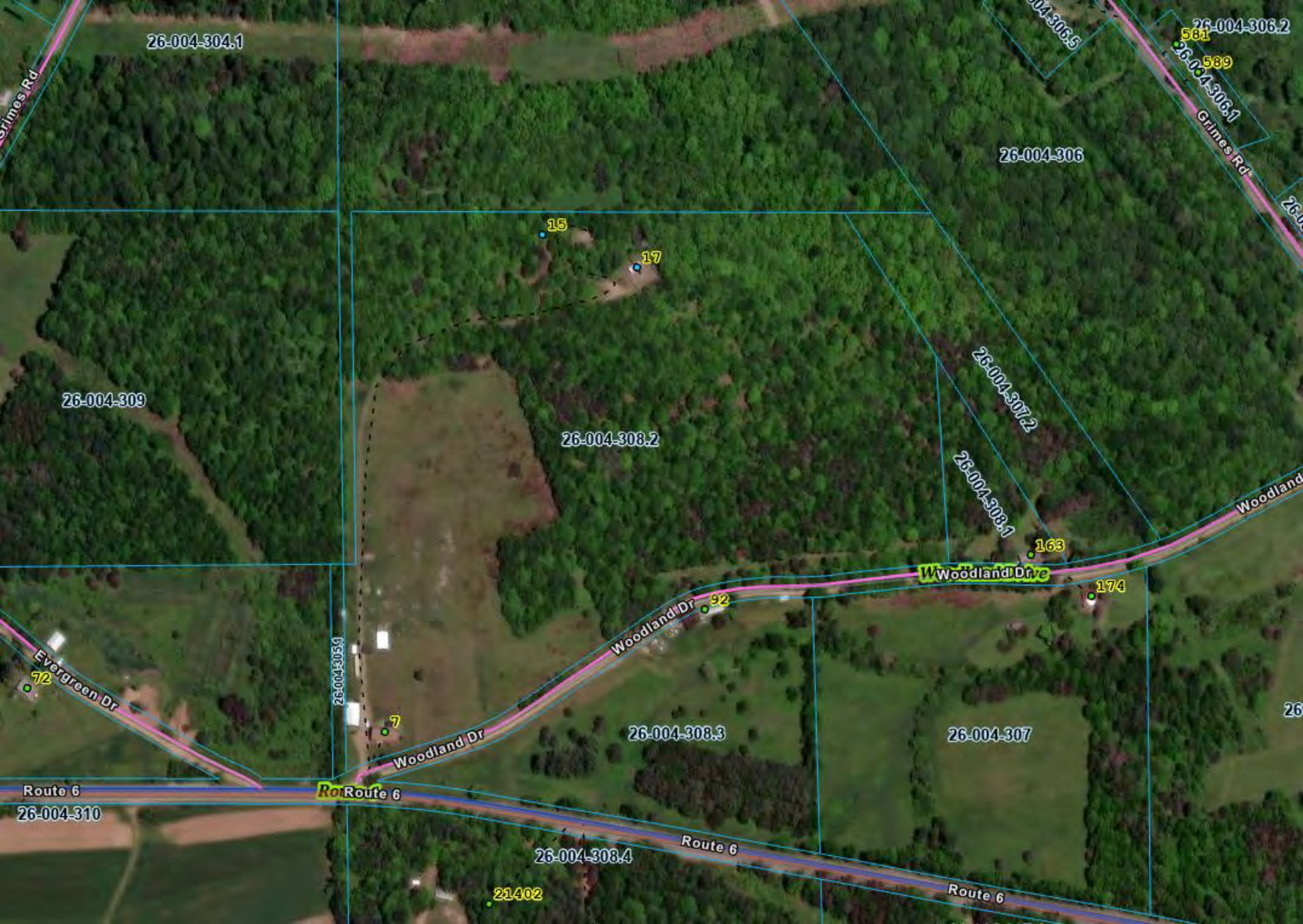
PORT ALLEGANY PA, 16743 - 0

Physical Address ("Situs Address"):

7 WOODLAND DRIVE

Deed Book & Page Reference:

0037 - 0079



26-004-304.1

26-004-306

26-004-309

26-004-308.2

26-004-307.2

26-004-306.1

26-004-306.2

26-004-306.3

26-004-306.4

26-004-306.5

Woodland Dr

Woodland Drive

Woodland

Evergreen Dr

26-004-305.1

Route 6

Route 6

Route 6

Route 6

26-004-310

26-004-308.4

26-004-307

26-004-308.3

26

21402

15

17

7

92

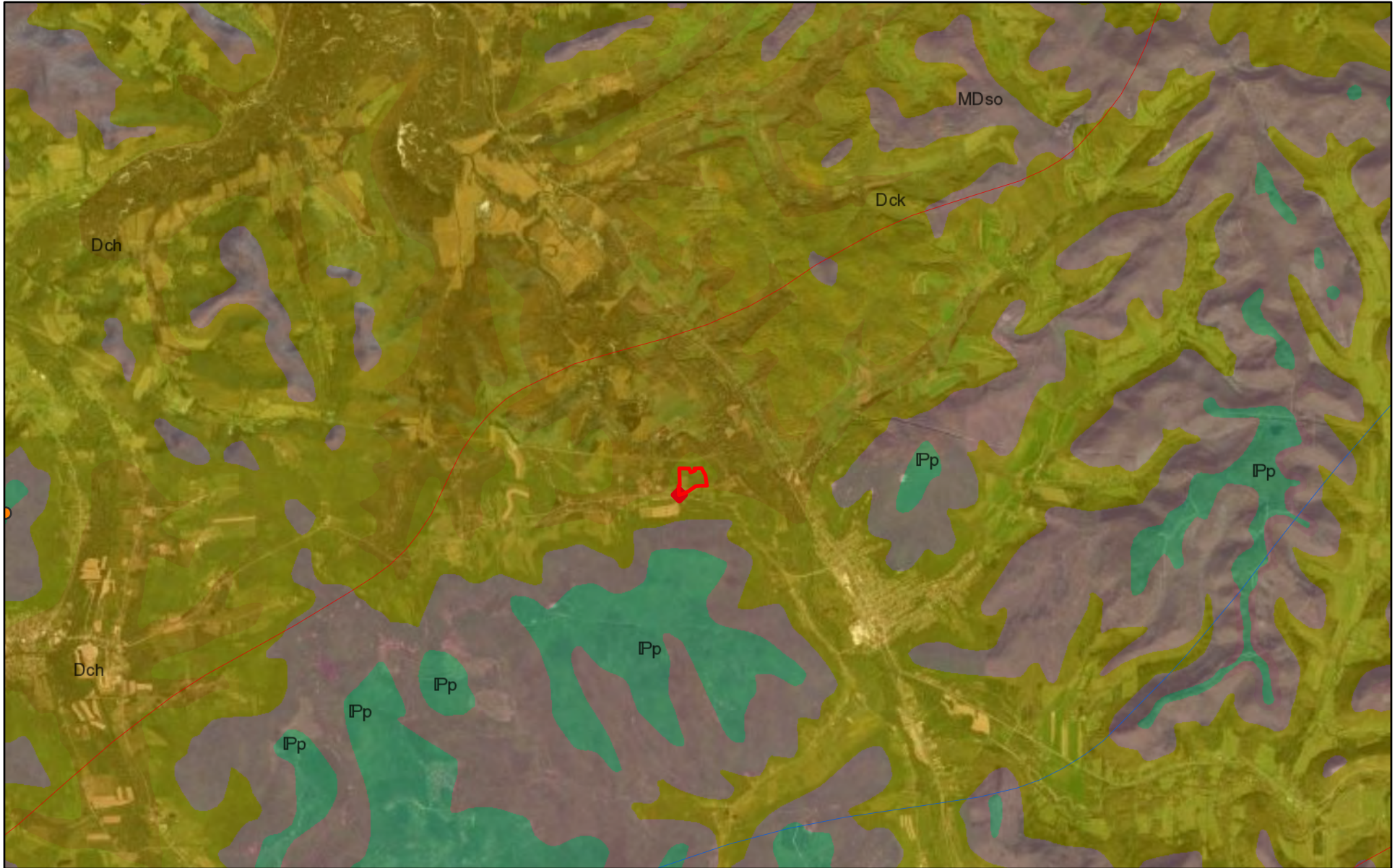
163

174

588

589

Bedrock Map



1/7/2025

Folds

- anticline
 - syncline
- Bedrock Contacts**
- Solid - identity certain, location accurate
 - Dashed - identity certain, location approximate
 - Queried and dashed - identity or existence questionable, location approximate

Geology Symbols

- Quaternary**
- Qs - Sands of Presque Isle
 - Qt - Trenton Gravel
- Tertiary**
- Tpb - Pensauken and Bridgeton Formations, undifferentiated
 - Tbm - Bryn Mawr Formation

Jurassic and Triassic

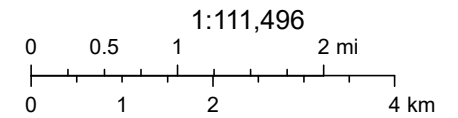
- Kp - Patapsco(?) Formation
- Js - Sedimentary strata at Jacksonwald and Aspers
- JTrgc - Gettysburg conglomerate
- JTrg - Gettysburg Formation
- JTrfq - Quartz fanglomerate
- JTrd - Diabase

Triassic

- JTrb - Brunswick Formation
- Trll - Limestone fanglomerate
- Trlh - Hammer Creek Formation
- Trgh - Heildersburg Member of Gettysburg Formation
- Trl - Lockatong Formation
- Trhc - Hammer Creek conglomerate

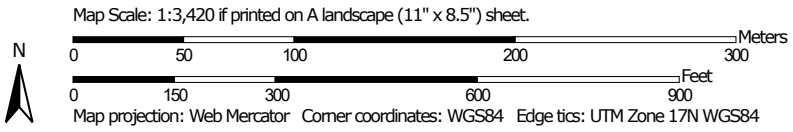
Permian

- T
- T
- T
- T
- P
- P




Earthstar Geographics, PA DCNR

Soil Map—McKean County, Pennsylvania





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 1:20,000.

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: McKean County, Pennsylvania

Survey Area Data: Version 21, Sep 4, 2024

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

Date(s) aerial images were photographed: May 14, 2023—May 27, 2023

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HeF	Hartleton and Buchanan soils, 25 to 60 percent slopes	1.0	3.2%
LeB	Leck Kill channery silt loam, 3 to 8 percent slopes	3.2	10.4%
LeC	Leck Kill channery silt loam, 8 to 15 percent slopes	15.5	50.2%
LeD	Leck Kill channery silt loam, 15 to 25 percent slopes	11.1	35.9%
LeF	Leck Kill channery silt loam, 25 to 50 percent slopes	0.1	0.2%
Totals for Area of Interest		30.9	100.0%

Pennsylvania Department of Conservation and Natural Resources
Bureau of Geological Survey
Water Well Program
3240 Schoolhouse Road
Middletown, PA 17057
717-702-2017

WATER WELL RECORD

PA Well ID:

130975

Local Well ID:

0495N

Local Permit#:

LOCATION INFORMATION

Owner:

MILLER J

Original Paper Record Image Available:

No

Address of Well:

County:

MCKEAN

Municipality:

LIBERTY

Latitude:

41.83444

Coordinate Method:

Longitude:

-78.31083

Data Reliability:

LOCATION MAY NOT BE ACCURATE (WWI paper)

WELL CONSTRUCTION INFORMATION

Well Drilled By:

ALLEGHENY MT WATER SYSTEMS

License:

1262

Date Drilled:

06/01/1988

Driller Well ID:

0495N

Type of Activity:

New Well

Drilling Method:

Well Depth (ft):

104

Well Finish:

OPEN HOLE

Notes:

WELL SIZE

GROUNDWATER AND GEOLOGICAL INFORMATION

Well Yield (GPM - gal per min):

6

Yield Measurement Method:

BAILER

Water Level when not pumped: (ft below land surface):

25

Water Level after yield test: (ft below land surface):

90

Length of Yield Test (minutes):

2

Saltwater Zone (ft):

Use of Well

WITHDRAWAL

Use of Water:

DOMESTIC

Depth to Bedrock (ft):

50

Was Well Drilled Into Bedrock?

Yes

MATERIALS WELL PENETRATES

Top (ft)	Bottom (ft)	Description
----------	-------------	-------------

LEVELS WHERE WATER ENTERS WELL

Top (ft)	Bottom (ft)	Yield (GPM)
----------	-------------	-------------

53		
----	--	--

90		
----	--	--

Pennsylvania Department of Conservation and Natural Resources
Bureau of Geological Survey
Water Well Program
3240 Schoolhouse Road
Middletown, PA 17057
717-702-2017

WATER WELL RECORD

PA Well ID:

493482

Local Well ID:

Local Permit#:

LOCATION INFORMATION

Owner:

James Rankin

Original Paper Record Image Available:

No

Address of Well:

72 Evergreen Drive

County:

MCKEAN

Municipality:

LIBERTY

Latitude:

41.82983

Coordinate Method:

GPS - Global Positioning System

Longitude:

-78.32016

Data Reliability:

WELL CONSTRUCTION INFORMATION

Well Drilled By:

COUDERSPORT WELL DRILLING INC.

License:

1783

Date Drilled:

08/04/2011

Driller Well ID:

Type of Activity:

New Well

Drilling Method:

CABLE TOOL

Well Depth (ft):

100

Well Finish:

OPEN HOLE

Notes:

Going on Route 6 West, at intersection of SR 155 go .7 miles west to Lower Grimes Rd. and turn right, go 2.3 miles to Evergreen Drive and turn left. Go .2 miles and turn right to well site.

WELL SIZE**Section 1**

Top (ft):

0

Bottom (ft):

100

Diameter (in):

6

CASING

Section 1

Top (ft):

-2

Bottom (ft):

61

Diameter (in):

6

Casing Material:

STEEL

Seal Top:

0

Seal Bottom:

61

Seal Type:

BENTONITE CHIPS/PELLETS

SEAL

Section 1

Seal Top:

0

Seal Bottom:

61

Seal Type:

BENTONITE CHIPS/PELLETS

Installation Method:

Volume/Weight Used:

GROUNDWATER AND GEOLOGICAL INFORMATION

Well Yield (GPM - gal per min):

20

Yield Measurement Method:

BAILER

Water Level when not pumped: (ft below land surface):

44

Water Level after yield test: (ft below land surface):

100

Length of Yield Test (minutes):

60

Saltwater Zone (ft):

Use of Well

WITHDRAWAL

Use of Water:

DOMESTIC

Depth to Bedrock (ft):

36

Was Well Drilled Into Bedrock?

Yes

MATERIALS WELL PENETRATES

Top (ft)	Bottom (ft)	Description
0	36	Brown dirt & gravel
36	52	Gray SS
52	73	Red SS
73	100	Gray shale










LEVELS WHERE WATER ENTERS WELL

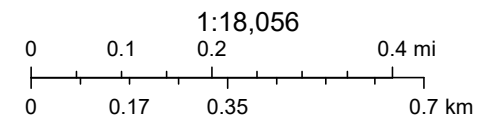
Top (ft)	Bottom (ft)	Yield (GPM)
67	67	20

PA DEP ESA Map



January 7, 2025

- | | | |
|--|---|--|
|  Water Resources |  Encroachment Location |  Commercial Hazardous Waste Operation |
|  Water Pollution Control Facility |  Residual Waste Operation |  Captive Hazardous Waste Operation |
|  Erosion and Sedimentation Control Facility |  Municipal Waste Operation |  Storage Tanks Inactive |



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

- eFACTS on the Web**
- DEP Information**
- About DEP
- DEP Home
- Search eFACTS**
- Authorization Search
- Client Search
- Facility Search
- Inspection Search
- Mammography Search
- Name Search
- Pollution Prevention
- Sites by County/Municipality
- Site Search
- Other Sites**
- eMapPA
- eNotice
- EPA ECHO
- EPA Envirofacts
- Permits, Licensing, and Certification
- The PA Code

Site Details

[North East Regional Office](#)

[Site Search](#)

[Sites by County/Muni Search](#)

Site ID:	142431
Site Name:	C OSTRANDER 482 OG WELL
Address:	PA
Status:	Inactive

Clients (1)

Client List
PA DEP OFC OIL & GAS MGMT (62492)

Programs (1)

DEP Programs
Oil & Gas

PA Municipalities (1)

Municipalities/Counties
Liberty Twp, McKean County

Site Permits (0)

No records matched the criteria.

Facility Permits (0)

No records matched the criteria.

Site-Level and Primary Facility-Level Inspections (1)

Inspection ID	Inspection Date	Inspection Type	Inspection Results
570088	07/11/1995	Plugging(Includes Plugged/Mined Through)	No Violations Noted

- eFACTS on the Web
- DEP Information
 - About DEP
 - DEP Home
- Search eFACTS
 - Authorization Search
 - Client Search
 - Facility Search
 - Inspection Search
 - Mammography Search
 - Name Search
 - Pollution Prevention
 - Sites by County/Municipality
 - Site Search
- Other Sites
 - eMapPA
 - eNotice
 - EPA ECHO
 - EPA Envirofacts
 - Permits, Licensing, and Certification
 - The PA Code

Site Details

[North East Regional Office](#)

[Site Search](#)

[Sites by County/Muni Search](#)

Site ID:	483601
Site Name:	HALL 101 OG WELL
Address:	PORT ALLEGANY, PA
Status:	Inactive

Clients (1)

Client List
PETRO NORTH LTD (48169)

Programs (1)

DEP Programs
Oil & Gas

PA Municipalities (1)

Municipalities/Counties
Liberty Twp, McKean County

Site Permits (0)

No records matched the criteria.

Facility Permits (0)

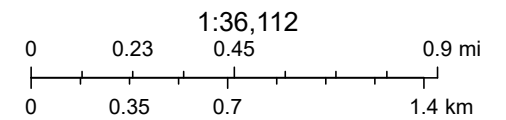
No records matched the criteria.

Site-Level and Primary Facility-Level Inspections (6)

Inspection ID	Inspection Date	Inspection Type	Inspection Results
928102	03/27/2000	Administrative/File Review	Outstanding Violations - Viols Req'd View Details
926496	03/20/2000	Compliance Evaluation	No Violations Noted
902850	12/16/1999	Compliance Evaluation	Outstanding Violations - Viols Req'd View Details
882601	09/16/1999	Drilling/Alteration	Violation(s) Noted View Details
581230	04/20/1999	Routine/Complete Inspection	No Violations Noted
578252	03/10/1998	Drilling/Alteration	No Violations Noted



January 7, 2025



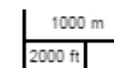
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Accidents (Liquid)
- Incidents (Gas)
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- LNG Plants
- Breakout Tanks



Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

World Imagery map service data is attributed to Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Date Printed: Oct 25, 2024



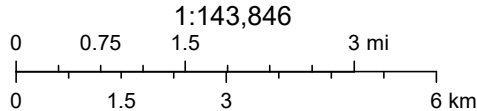
CIMC Map



1/7/2025

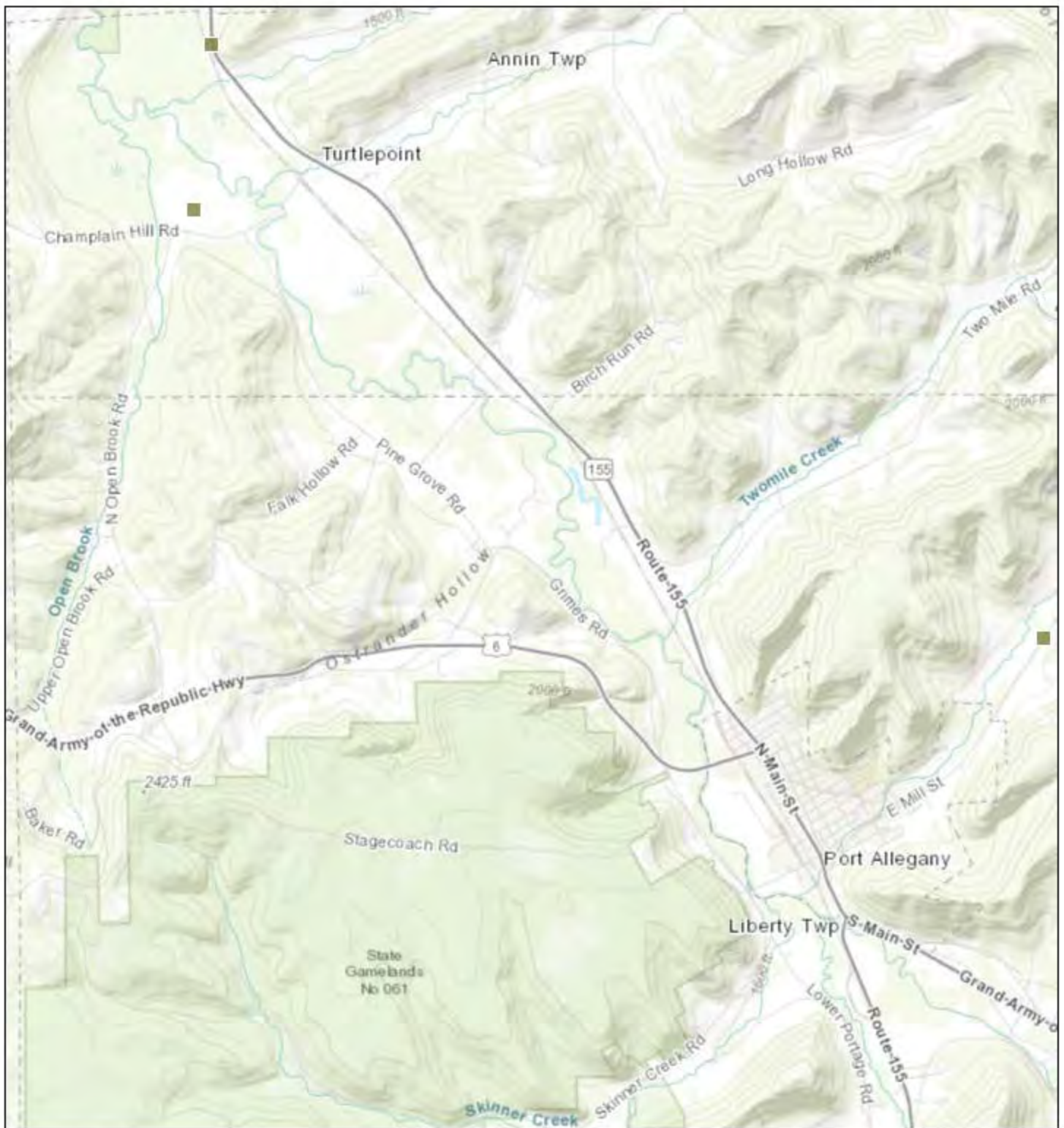
Sites
■ RCRA Corrective Action

□ State Outlines



Province of Ontario, Esri Canada, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

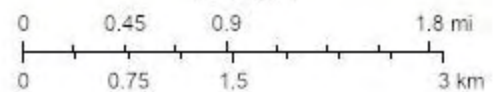
Enviromapper



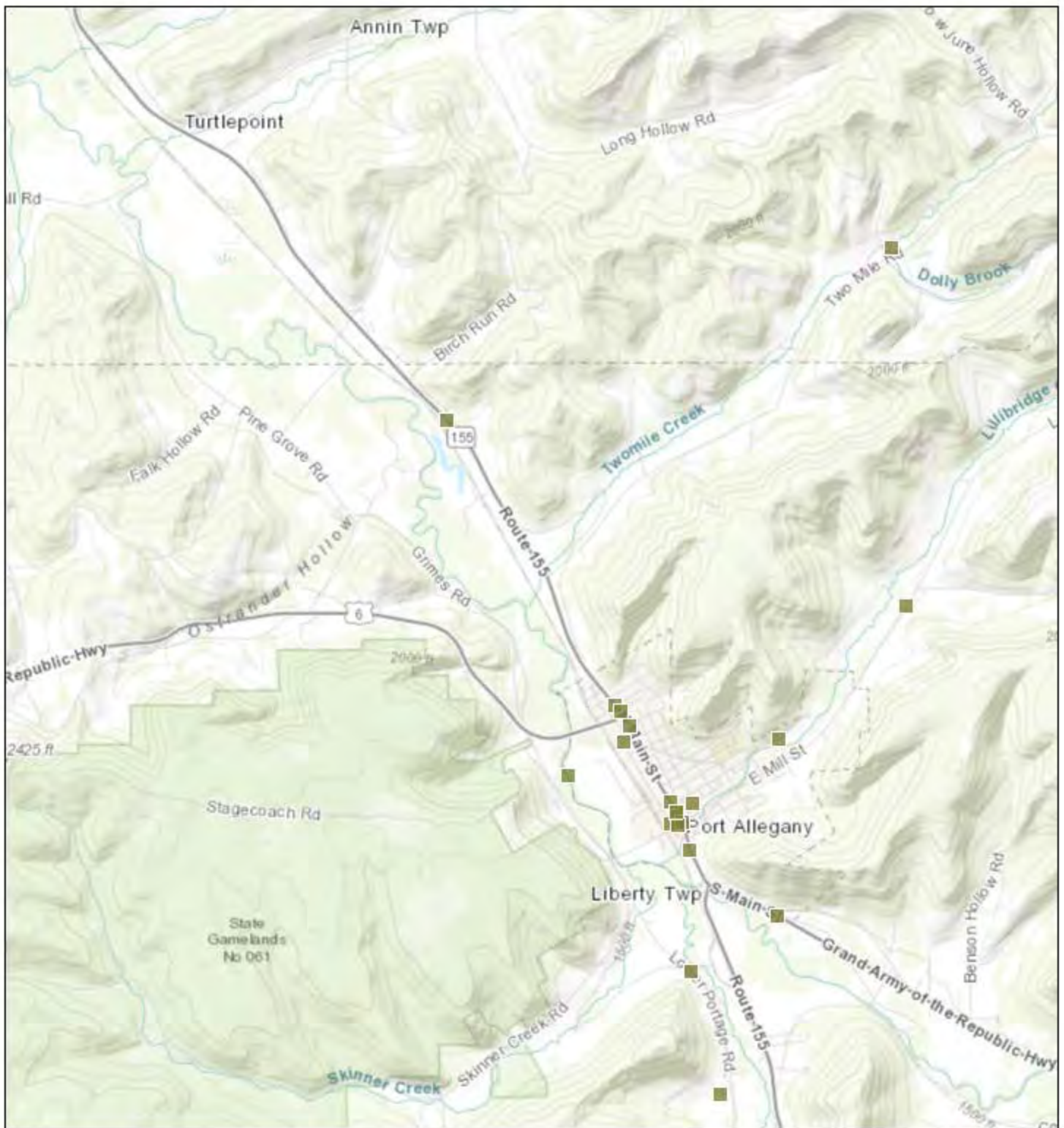
January 7, 2025

1:72,224

■ Single Facility



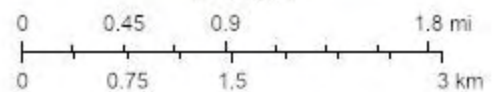
Enviromapper



January 7, 2025

1:72,224

■ Single Facility



APPENDIX D

Correspondence

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

USER QUESTIONNAIRE

(to be completed by the party that will be relying upon the Phase I ESA report)

Completed by: Agustin Abalo

Date: 11/5/2024

SiteName: McKean Woodland I LLC, McKean Woodland II LLC, McKean Woodland III LLC

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”),² the *user* must conduct the following inquiries required by 40 Code of Federal Regulations (CFR) 312.25, 312.28, 312.29, 312.30, and 312.31. The 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.

The *user* is defined as “the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6” of ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

1) Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25). Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed against the *property* under federal, tribal, state, or local law? Yes No
If yes, please describe.

Note 1 – In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and Activity and Use Limitations (AULs) be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

2) Activity and land 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)). Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any 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? Yes No If yes, please describe.

¹ *Landowner Liability Protections, or LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in the 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.

² Public Law 107-118.

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? Yes No If yes, please explain.

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*? Yes No

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 No If yes, please describe.

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* identify conditions indicative of releases or threatened releases? For example, as the *user*

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

No

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

e. Do you know of any previous Phase I ESA performed for the *property*?

Yes No If yes, can copies be provided?

f. If available, please provide contact information for someone knowledgeable about past uses of the *property* (present or past owner, operator or occupant).

see previous sheet

6) The degree of obviousness of the presence of 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*? Yes No If yes, please describe.

Phase I Environmental Questionnaire

Site Address: Woodland Drive
McKean Woodland

Date: 11/13/2024

Name: James Lewis

Title:

Company:

Address:

Telephone: 814-642-9498

Relationship to Site: Owner and resident

General Questions

Please answer to the best of your knowledge and ability. If the answer is unknown or a question is not applicable to your relationship with the Site, please answer accordingly.

1. Who is the owner of the property? How long have you owned the property?

James Lewis. Owned since approximately 1987

2. Who did you purchase the property from?

Purchased from a couple of people with last name Hahn.

3. What was the property used for at that time? Was the property developed when the property was purchased?

Agricultural zoned but no active farming. Only development was house and storage buildings.

4. What is the property currently used for? Is the property zoned for Industrial Use?

Residence. Two cell tower leases on 35 acre parcel, on northern portion.

5. Are there any occupied or unoccupied structures on the property and when were they constructed?

Yes. Owner lives here.

6. Who are the occupants of the property and for how long?

James Lewis, since purchasing property.

7. Are you currently or were you previously an occupant of the property? If so, what type of use or type of business did you have at the property?

Yes. current resident.

8. Have you engaged a title company or professional to review recorded land title records and lien records? If applicable, what was the result of the title review? (If so, please forward a complete copy to SWCA)

9. Do you have any other knowledge or experience with the property that may be pertinent to the environmental professional? AT&T conducted cultural resources assessment (for example, copies of any available prior ESA reports, real estate appraisals, purchase and sales agreements, environmental review documents, correspondence, etc.)
If so, please forward copies to SWCA.

Not in his possession.

10. Landowner Liability Protection Related Questions

- a. Are you aware of any environmental spills or releases at the property? Or any cleanup that occurred as a result of this release?
No
- b. Do you currently use or store oils and/or hazardous materials on your property? If so, what and how much?
No
- c. Are you aware of any liens against the property that are filed or recorded under federal, tribal, state or local law? (40 CFR 312.25)
No
- d. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? (40 CFR 312.26)
No
- e. Is there any solid waste disposal at the property? Do you have knowledge of any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property*?
No

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

- a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property? No
- b. Are there any private water wells or private septic systems at the property? One well and septic system for the house
- c. Are there any private electric transformers on the property? No

d. Based on your knowledge and experience related to the property are there any indicators that point to the presence or likely presence of contamination at the property? (40 CFR 312.31)

No

12. Do you have any other knowledge or experience with the property or any other information that may be pertinent to the environmental professional or the environmental condition of the property?

No

13. Do you have knowledge of any neighboring property being used for an industrial use? Has any adjoining property experienced a release of oils or hazardous materials that you are aware of? Any cleanups?

No

Completed by:

Preparer represents that to the best of preparer's knowledge, the above statements and facts are true and correct, and to the best of preparer's actual knowledge, no material facts have been suppressed or misstated.

Signature

11/13/2024

Date

ASTM E-1527-05, Section 10.8

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	Unaware	Document Exists	Copy will be provided
Environmental site assessment reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental compliance audit reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Registrations for underground and aboveground storage tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Material safety data sheets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community-right-to-know plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reports regarding hydrogeologic conditions on the property or surrounding area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous waste generator notices or reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Risk Assessments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recorded Activity and Use Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Cleanup Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



APPENDIX E

Environmental Database Records

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Inquiry Number: 7802620.3

October 24, 2024

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

10/24/24

Site Name:

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743
EDR Inquiry # 7802620.3

Client Name:

SWCA
15 Research Drive
AMHERST, MA 01002
Contact: Alison Holmes



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SWCA 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 # 7A0C-4DDE-A86B
PO # 81434-051 Phase I ESA
Project McKean Woodland Phase I ESA



Sanborn® Library search results

Certification #: 7A0C-4DDE-A86B

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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7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Inquiry Number: 7802620.4

October 24, 2024

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

10/24/24

Site Name:

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743
EDR Inquiry # 7802620.4

Client Name:

SWCA
15 Research Drive
AMHERST, MA 01002
Contact: Alison Holmes



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by SWCA 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.#	81434-051 Phase I ESA	Latitude:	41.831493 41° 49' 53" North
Project:	McKean Woodland Phase I ES	Longitude:	-78.315249 -78° 18' 55" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	722939.48
		UTM Y Meters:	4634552.30
		Elevation:	1757.59' above sea level

Maps Provided:

2019
2016
2013
1983
1969
1937
1933

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Topo Sheet Key

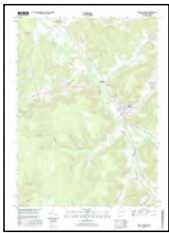
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2019 Source Sheets



Port Allegany
2019
7.5-minute, 24000

2016 Source Sheets



Port Allegany
2016
7.5-minute, 24000

2013 Source Sheets



Port Allegany
2013
7.5-minute, 24000

1983 Source Sheets



Port Allegany
1983
7.5-minute, 24000
Aerial Photo Revised 1983

Topo Sheet Key

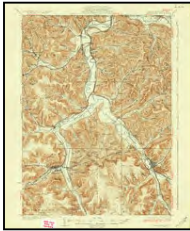
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1969 Source Sheets



Port Allegany
1969
7.5-minute, 24000
Aerial Photo Revised 1969

1937 Source Sheets

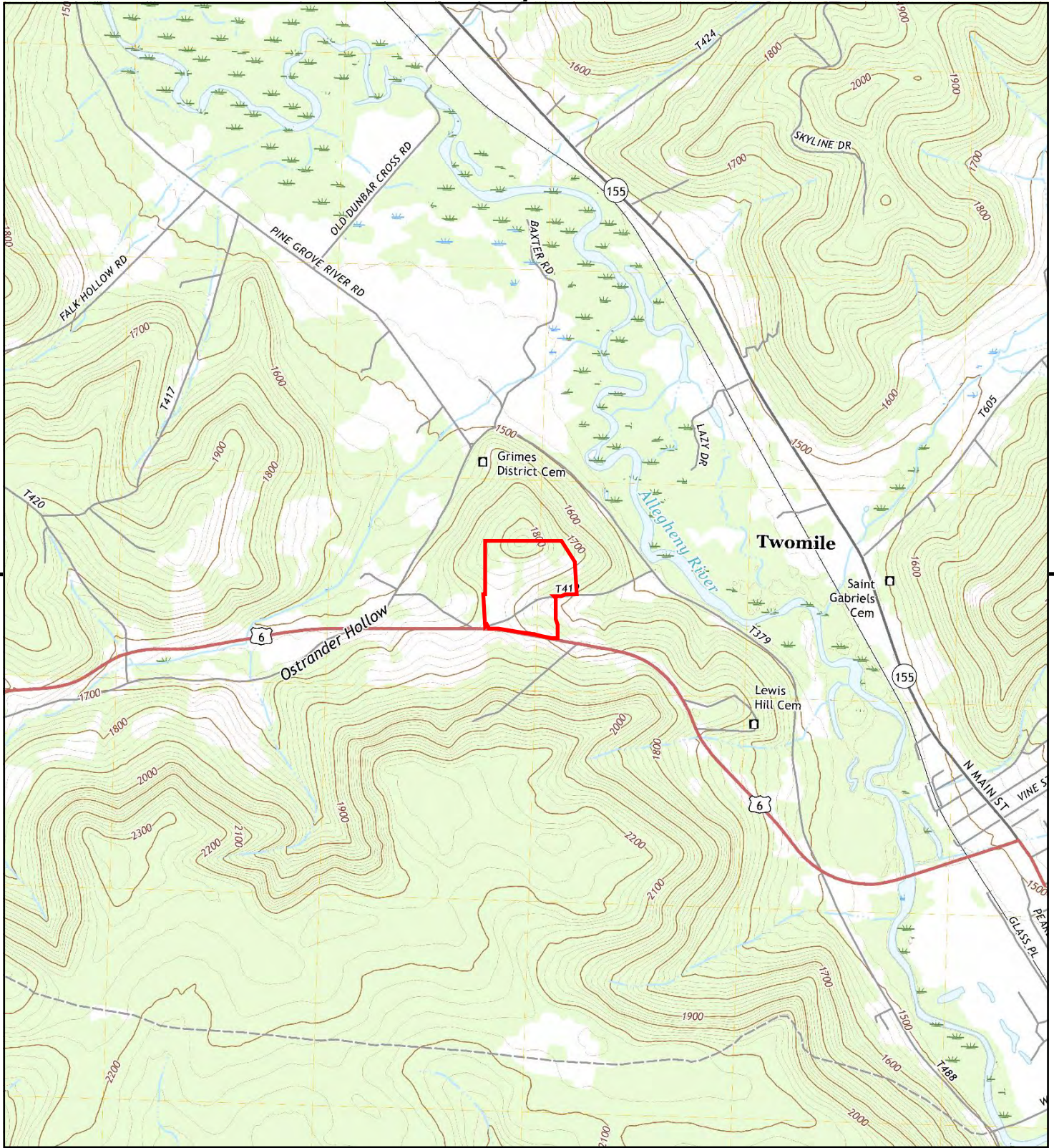


Smethport
1937
15-minute, 62500

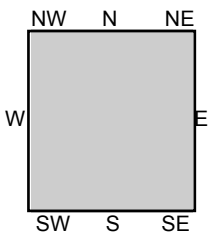
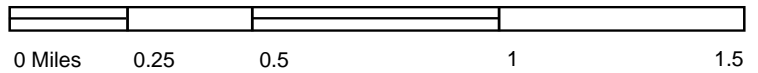
1933 Source Sheets



Smethport
1933
15-minute, 62500



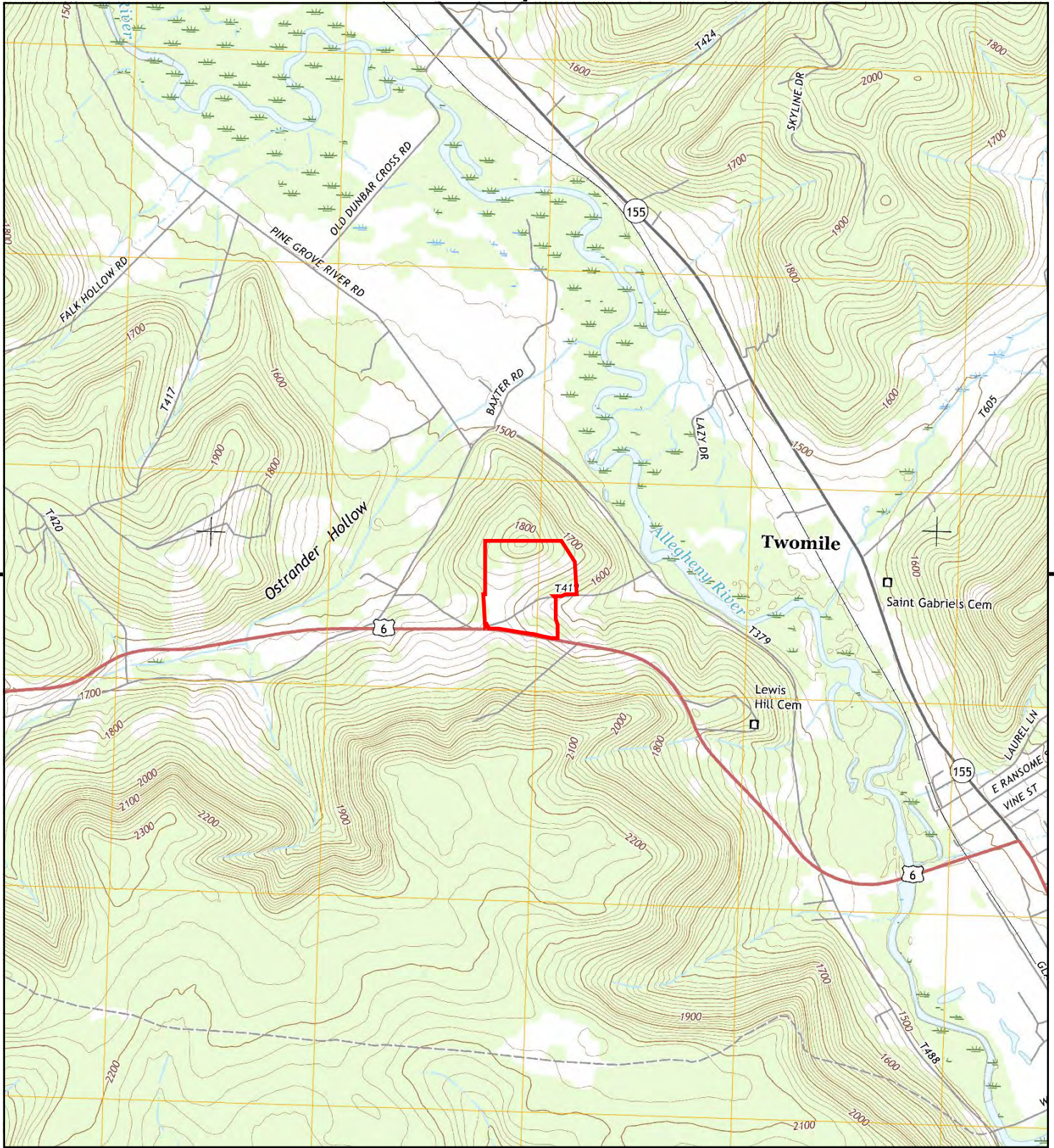
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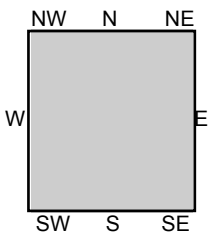
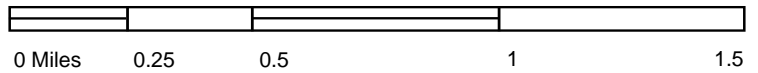
TP, Port Allegany, 2019, 7.5-minute

SITE NAME: 7 WOODLAND DR
ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY, PA 16743
CLIENT: SWCA





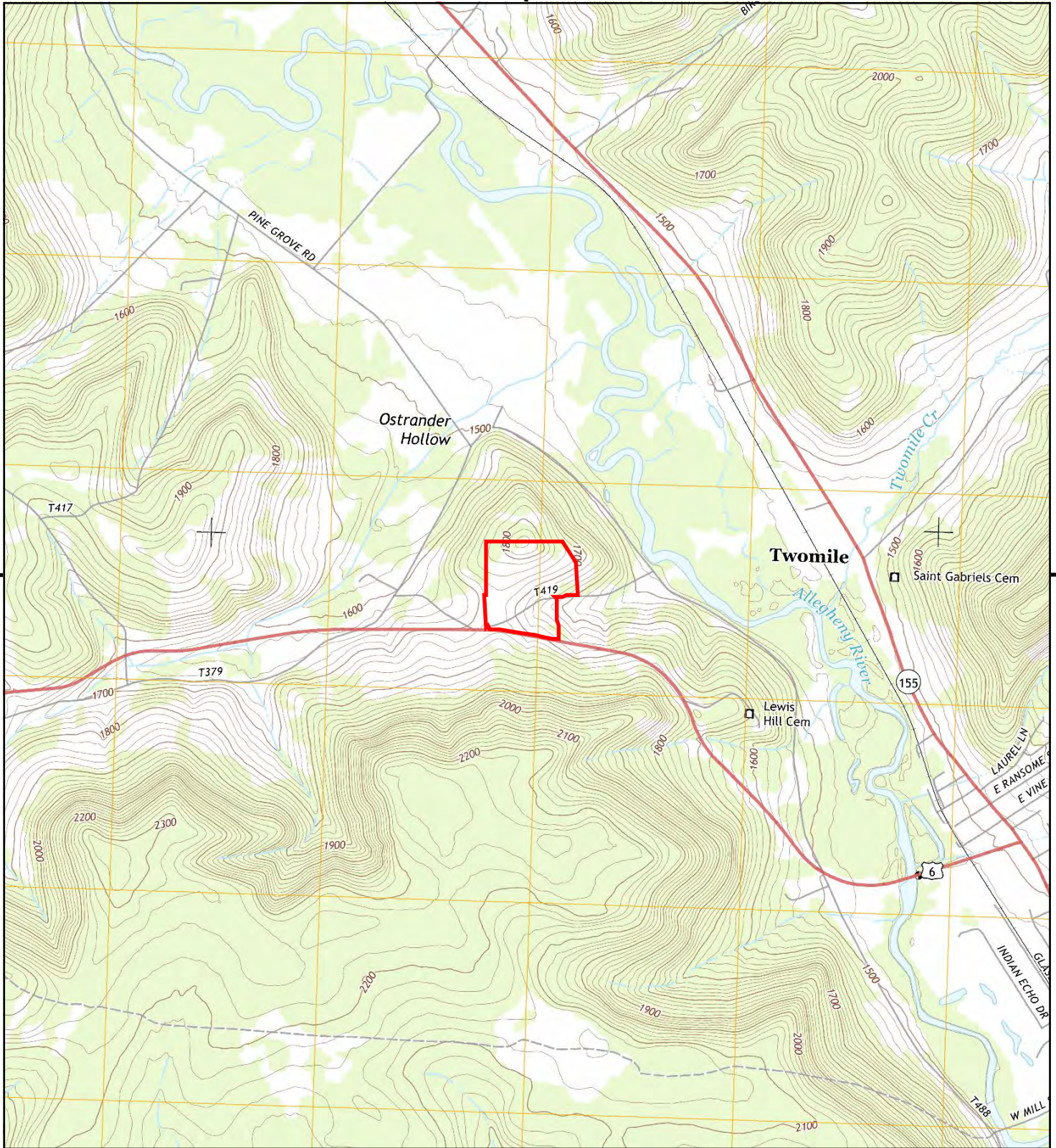
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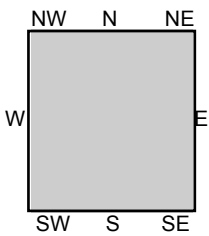
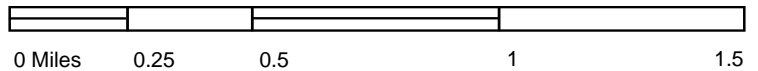
TP, Port Allegany, 2016, 7.5-minute

SITE NAME: 7 WOODLAND DR
ADDRESS: 7 WOODLAND DR
PORT ALLEGANY, PA 16743
CLIENT: SWCA





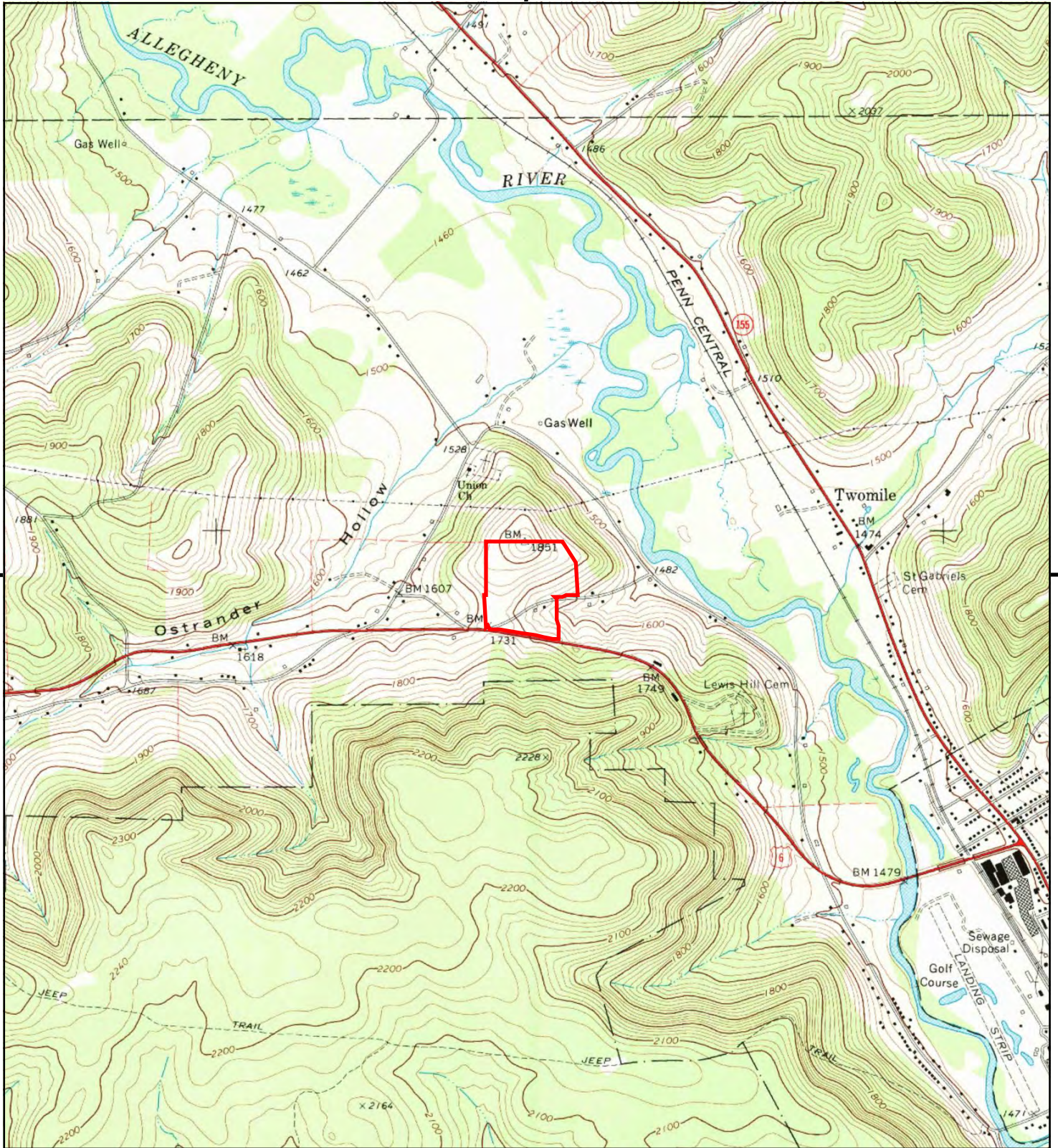
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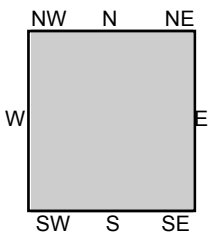
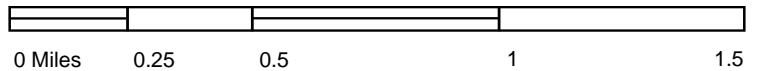
TP, Port Allegany, 2013, 7.5-minute

SITE NAME: 7 WOODLAND DR
ADDRESS: 7 WOODLAND DR
PORT ALLEGANY, PA 16743
CLIENT: SWCA





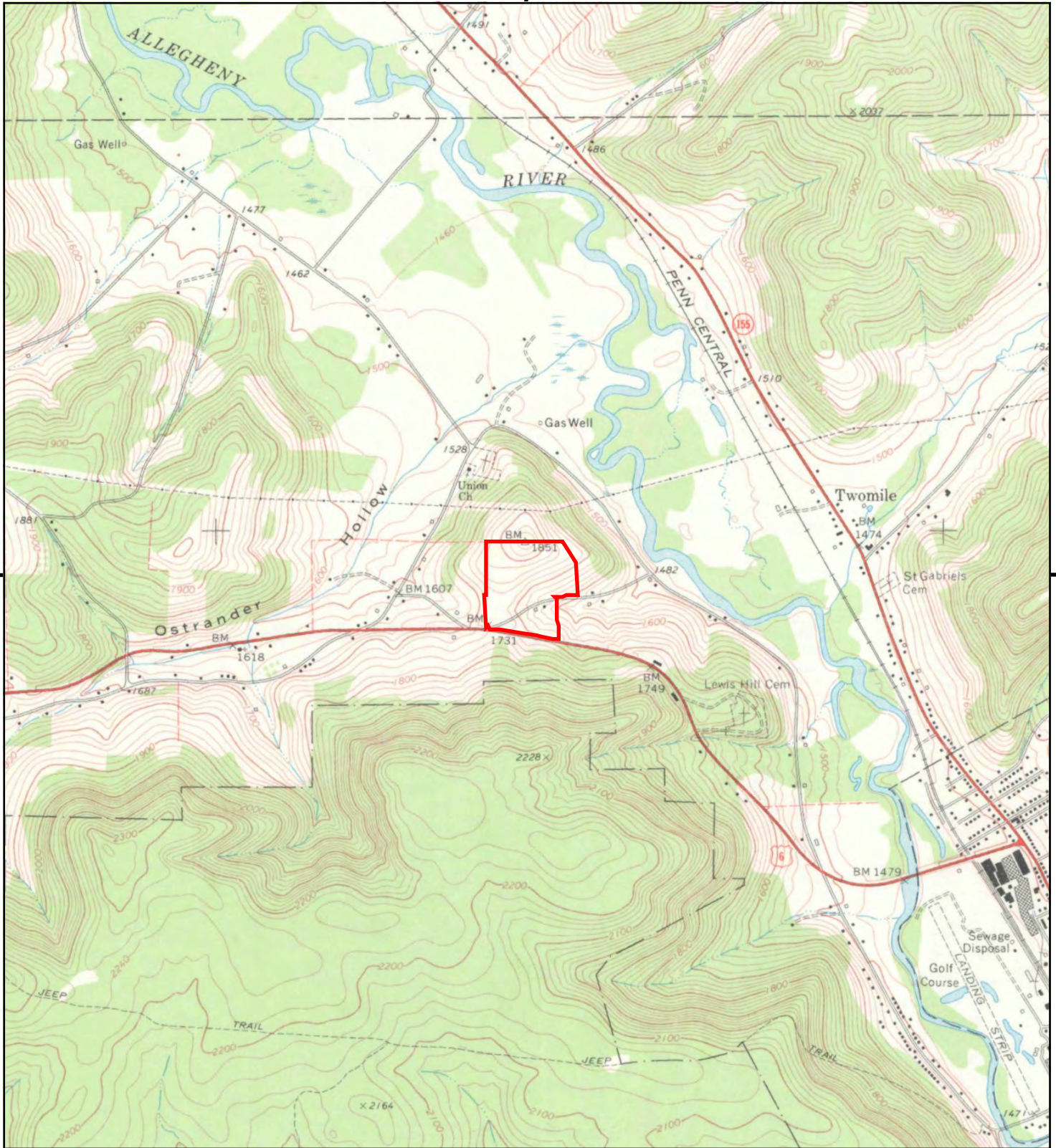
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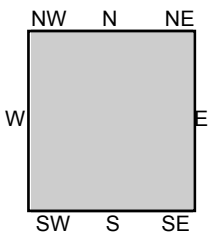
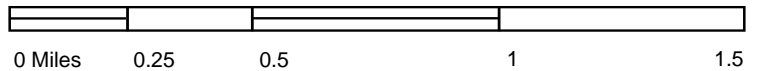
TP, Port Allegany, 1983, 7.5-minute

SITE NAME: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY, PA 16743
 CLIENT: SWCA





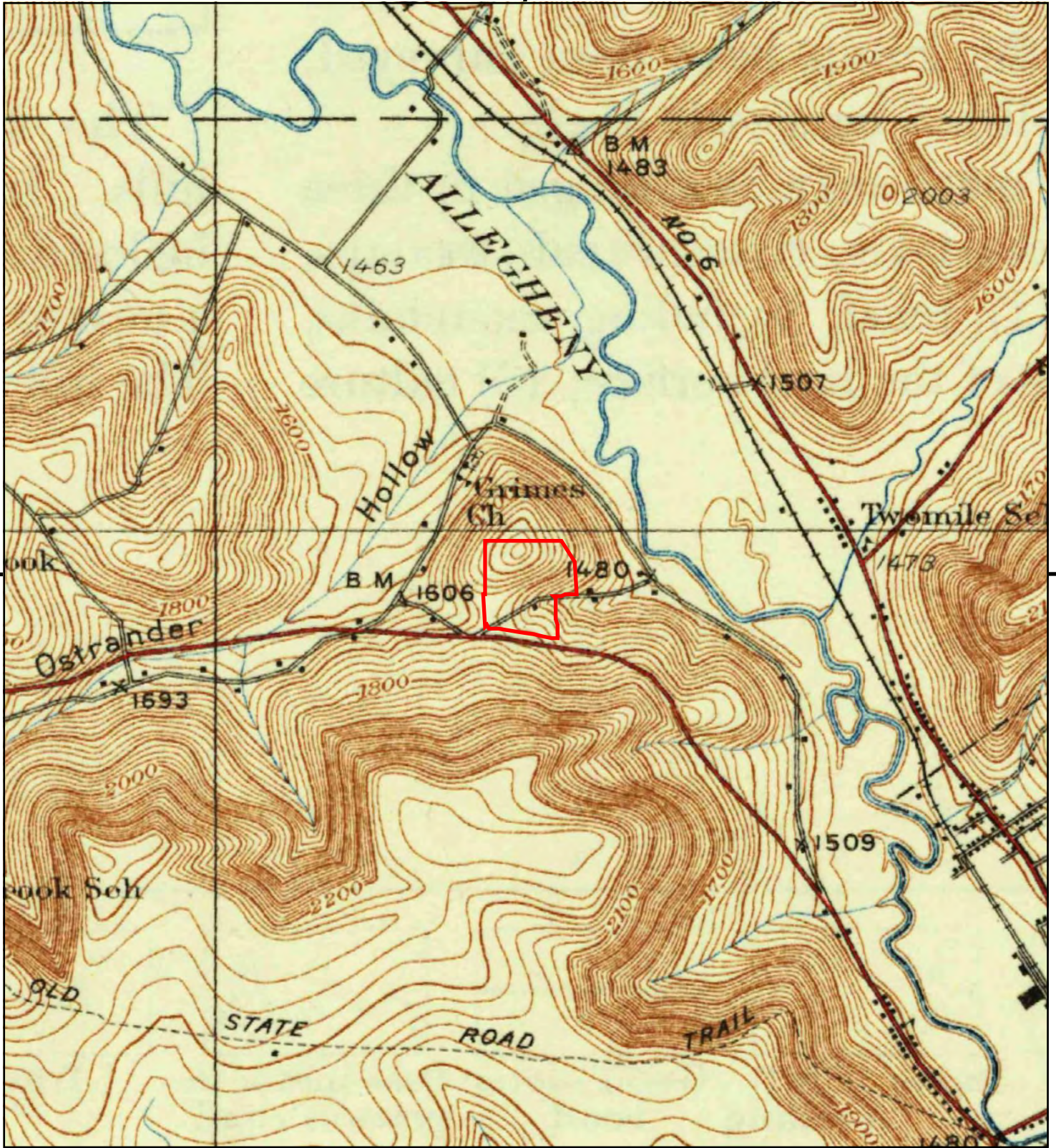
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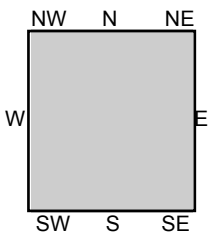
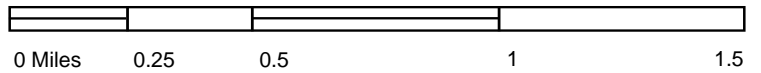
TP, Port Allegany, 1969, 7.5-minute

SITE NAME: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY, PA 16743
 CLIENT: SWCA





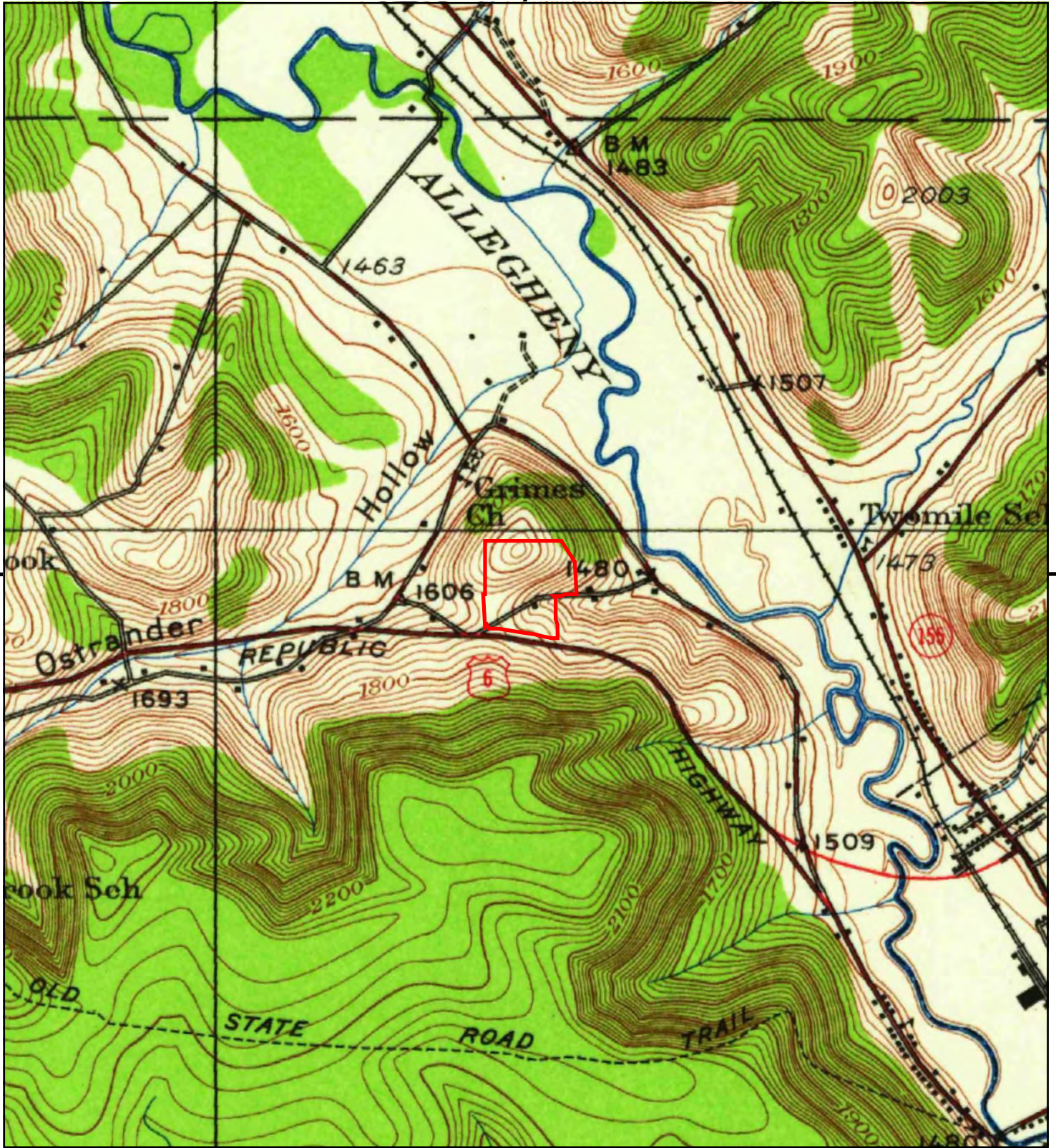
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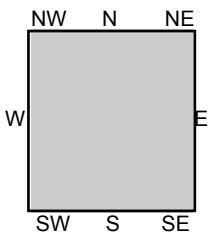
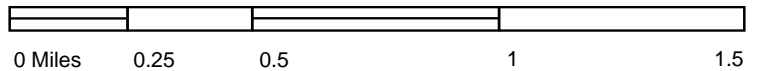
TP, Smethport, 1937, 15-minute

SITE NAME: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY, PA 16743
 CLIENT: SWCA





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



TP, Smethport, 1933, 15-minute

SITE NAME: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY, PA 16743
 CLIENT: SWCA



7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Inquiry Number: 7802620.8

October 25, 2024

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

10/25/24

Site Name:

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743
EDR Inquiry # 7802620.8

Client Name:

SWCA
15 Research Drive
AMHERST, MA 01002
Contact: Alison Holmes



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2000	1"=500'	Flight Date: April 30, 2000	USGS
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1989	1"=500'	Flight Date: June 30, 1989	USGS
1983	1"=500'	Flight Date: May 06, 1983	USGS
1977	1"=500'	Flight Date: April 29, 1977	USGS
1968	1"=500'	Flight Date: May 25, 1968	USDA
1958	1"=500'	Flight Date: October 06, 1958	USDA
1956	1"=500'	Flight Date: October 25, 1956	USGS
1941	1"=500'	Flight Date: May 03, 1941	USDA

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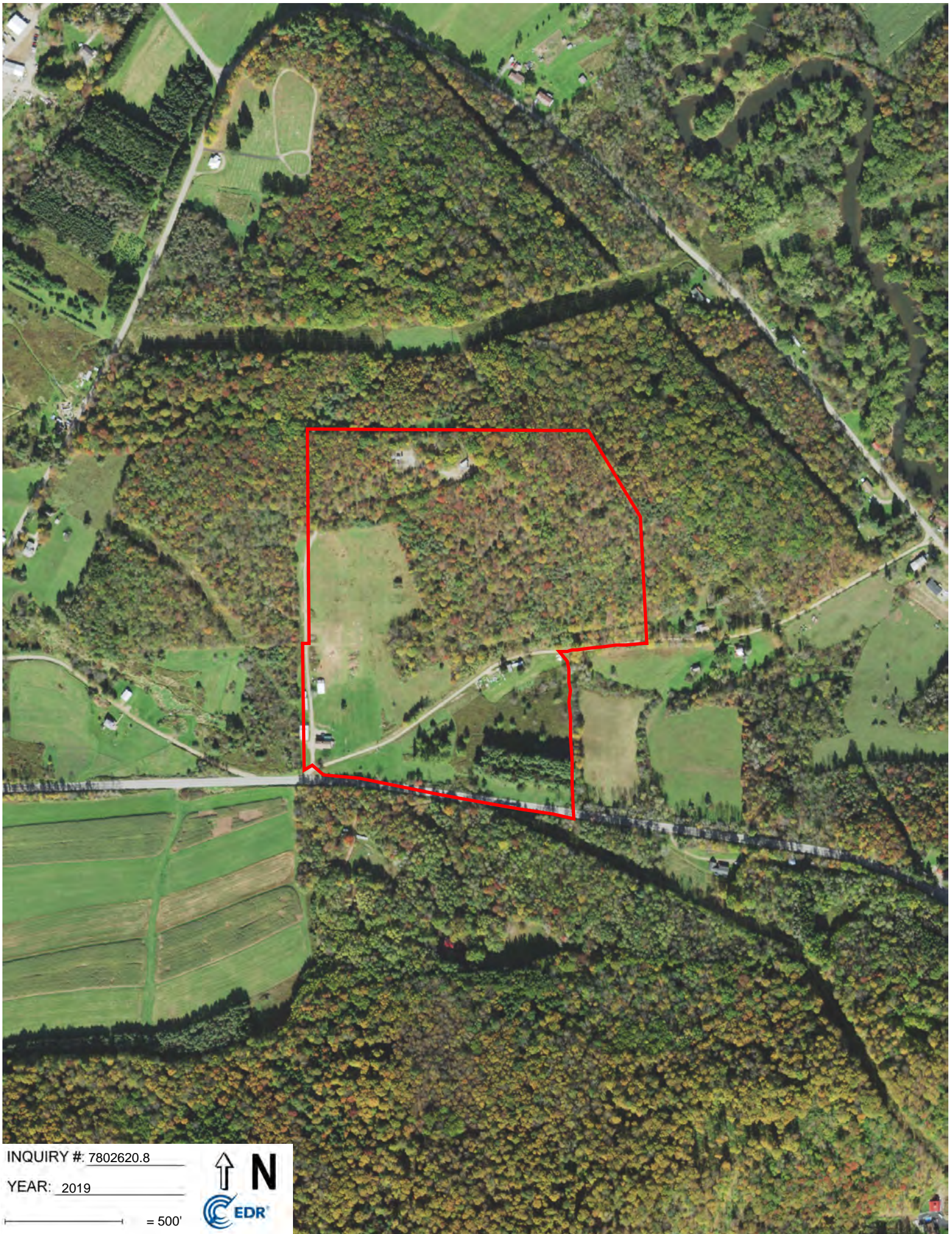
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INQUIRY #: 7802620.8

YEAR: 2019

— = 500'





INQUIRY #: 7802620.8

YEAR: 2015

— = 500'





INQUIRY #: 7802620.8

YEAR: 2010

— = 500'





INQUIRY #: 7802620.8

YEAR: 2006

— = 500'





INQUIRY #: 7802620.8

YEAR: 2000

— = 500'



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

UNMAPPED

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UNMAPPED

UNMAPPED



INQUIRY #: 7802620.8

YEAR: 1994

— = 500'



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



INQUIRY #: 7802620.8

YEAR: 1993

— = 500'





INQUIRY #: 7802620.8

YEAR: 1989

— = 500'



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



INQUIRY #: 7802620.8

YEAR: 1983

— = 500'



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



INQUIRY #: 7802620.8

YEAR: 1977

— = 500'



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



INQUIRY #: 7802620.8

YEAR: 1968

— = 500'



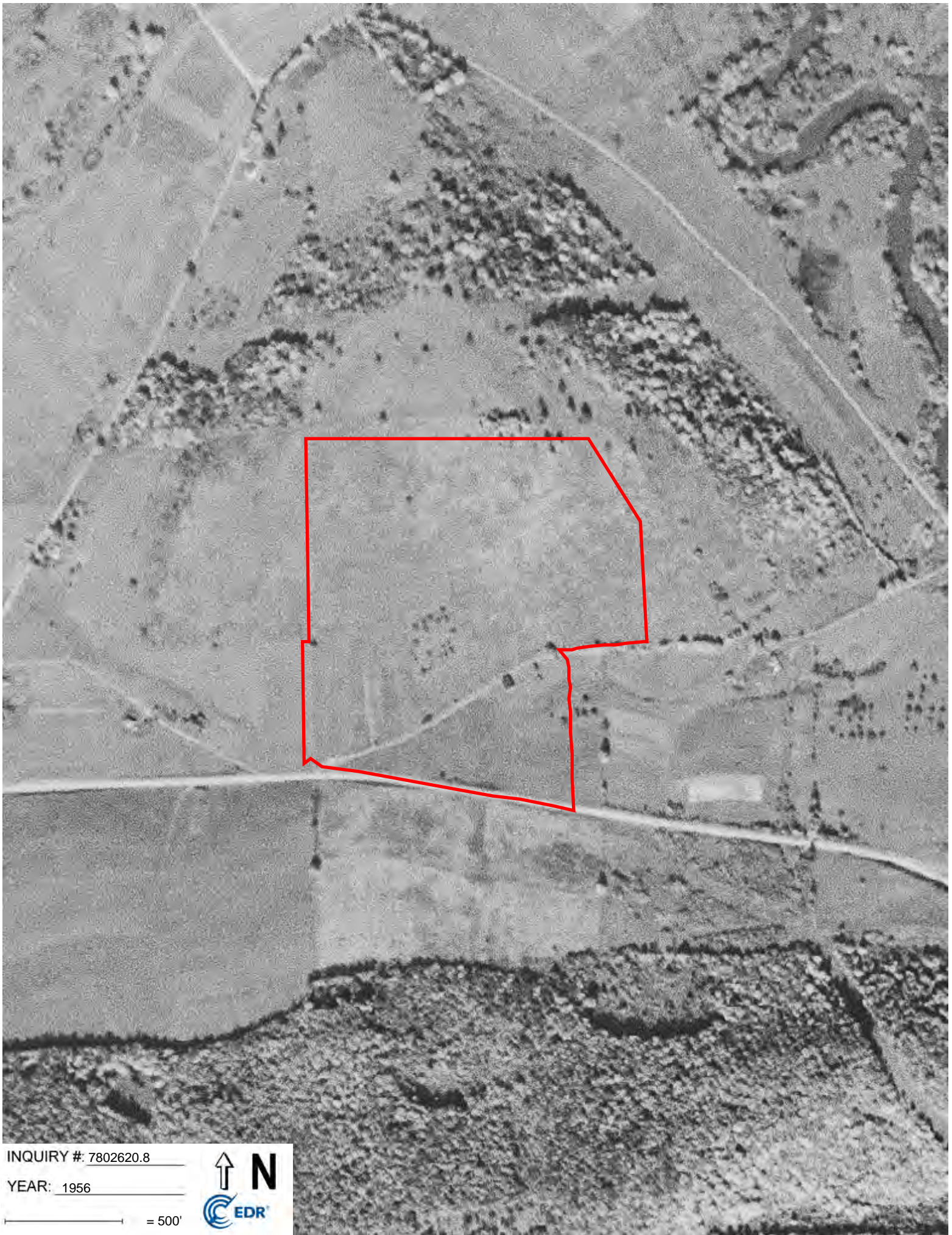


INQUIRY #: 7802620.8

YEAR: 1958

— = 500'



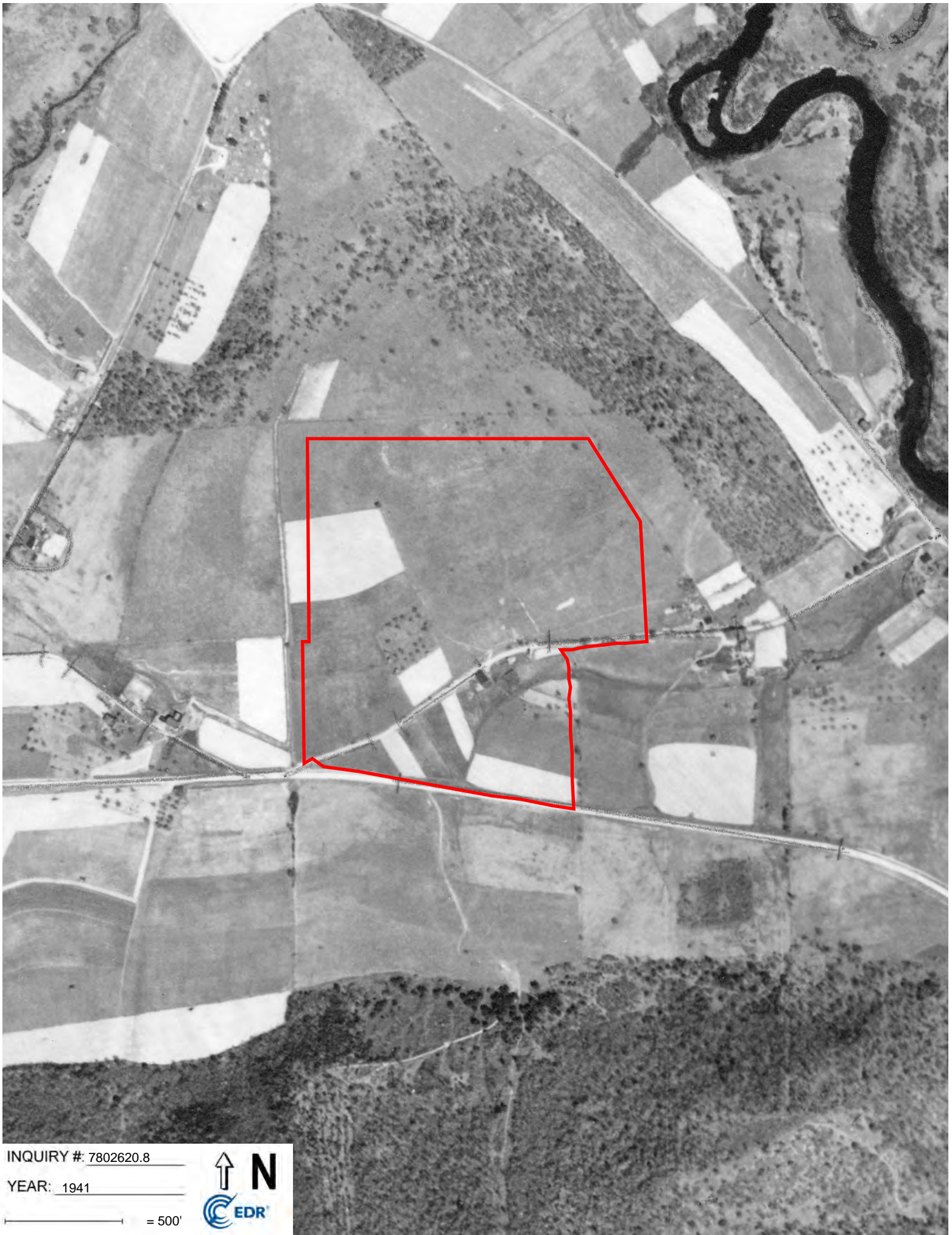


INQUIRY #: 7802620.8

YEAR: 1956

— = 500'





INQUIRY #: 7802620.8

YEAR: 1941

— = 500'



7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Inquiry Number: 7802620.5
October 29, 2024

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 business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2017	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2000	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information

FINDINGS

TARGET PROPERTY STREET

7 WOODLAND DR
PORT ALLEGANY, PA 16743

Year

CD Image

Source

WOODLAND DR

2020	pg A4	EDR Digital Archive	
2017	-	Cole Information	Street not listed in Source
2014	pg A7	Cole Information	
2010	pg A9	Cole Information	
2005	pg A11	Cole Information	
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>ROUTE 6</u>			
2020	pg. A2	EDR Digital Archive	
2017	pg. A5	Cole Information	
2014	pg. A6	Cole Information	
2010	pg. A8	Cole Information	
2005	pg. A10	Cole Information	
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source

City Directory Images

ROUTE 6 2020

20653	MARY HOFFMAN
20867	DEWEY LEONARD LYNNE LEONARD
20882	SCOTT WILSON SUSAN WILSON
20909	MICHAEL TURNER
20982	JASON HUSS
21006	APPLEBY'S APPLIANCE REPAIR DEBRA APPLEBY MARLIN APPLEBY
21011	BRITTANY HILL FREDERICK ANDREANO MANDI ANDREANO VIRGINIA ANDREANO
21028	CAROLYN HOFFMAN PHILLIP HOFFMAN
21089	PATRICIA STARR
21404	STEFANIE BULEY THOMAS WILLIAMS
21514	SHAWN TURNER
21607	BUD HOOVER
21656	ADAM GRANT RICHARD SPARKES
21673	CHERYL LORDITCH KIRSTEN LORDITCH NICHOLAS CALDWELL ROBERT LORDITCH
21834	JAMIE PEANGATELLI KIMBERLY MILES
22279	PORT AREA AMBULANCE SVC WILLIAMS GLENN G MD
22287	ATM MUNCHIE'S FOOD SHOP
23599	DEBRA LINCOLN
23636	KYLE STONE
23867	DAWN ERNST MICHAEL ERNST SHAWN ERNST
23899	ELAINE ERNST
23947	SCOTT MCDOWELL THEODORE MCDOWELL
23964	DANIEL WILBER MINERVA ALBAUGH MINNIE WILBER
23983	KEVIN CRAWFORD LACEY CRAWFORD LANCE CRAWFORD PATRICIA CRAWFORD
24017	LAURIE CRAWFORD RANCE CRAWFORD

ROUTE 6 2020 (Cont'd)

24031 MARILYN VEIT
24081 CHARLES BIRD
 JASON BIRD
24423 MATTHEW BURR
 NADINE BURR
 TYLER BURR
24445 DELLA VILLERS
 JOYCE COURTEAU
 JOYCE MCDOWELL
 STEVEN BARBER
24469 BRYAN SHAVER
 EVERETT SHAVER
24483 BRADLY GOODREAU
 KAYLA BERLIN
24547 JOHN PESOCK
 KENNETH VINCA
24626 BRUCE BURR
 MARY BURR
24656 CONNIE ALLEN
 PATRICIA ERRICK
 SHELLY KELLOGG
24785 CATHY ERRICK
24843 D E ERRICK INC
 DAGNIKA MAIN
 DAVID ERRICK
 MARL ERRICK

WOODLAND DR 2020

7	JAMES LEWIS
92	DONALD CONNELLY
163	BECKY GORDON

ROUTE 6 2017

21006 APPLEBYS APPLIANCE REPAIR
22279 PORT AREA AMBULANCE SERVICE
23599 HAGGARD, KELLY
 MINICH, AMANDA J
23636 KERR, DAN W
23867 ERNST, SHAWN M
23885 WHITNEY, TIM C
23947 MCDOWELL, SCOTT B
23983 CRAWFORD, KEVIN D
24017 CRAWFORD, RANCE A
24031 VEIT, MARILYN N
24081 BIRD, JASON A
24423 BURR, MATTHEW S
24445 BARBER, STEVEN W
24469 SHAVER, EVERETT C
24483 BERLIN, KAYLA C
24503 WENNERSTROM, RICHARD C
24626 BURR, BRUCE B
24656 ALLEN, CONNIE
24785 ERRICK, DAVID E

ROUTE 6 2014

20653 HOFFMAN, MARY L
20867 LEONARD, DEWEY D
20882 POSTLEWAIT, JUDY R
20909 OCCUPANT UNKNOWN,
21006 APPLEBY, MARLIN E
APPLEBYS APPLIANCE REPAIR
21011 ANDREANO, DAMIAN M
21028 HOFFMAN, PHIL A
21089 STARR, TOMMY G
21404 WILLIAMS, TOM G
21476 SHAFFER, COLLENE
21514 TURNER, GARY
21673 CALDWELL, LISA L
21834 PEANGATELLI, JAMIE W
22279 PORT AREA AMBULANCE SERVICE
23008 PERSHING, GEORGE
23385 DONOVAN, PAULA S
23596 ROSE, GARIN L
23636 KERR, SANDRA L
23867 ERNST, SHAWN M
23885 WHITNEY, TIM C
23983 CRAWFORD, RANCE A
24017 THOMAS, LORRAINE M
24031 VELT, MARILYN N
24045 KELLOGG, SHELLY M
24081 BIRD, JASON A
24423 BURR, MATTHEW S
24445 BARBER, STEVEN W
24469 SHAVER, EVERETT C
24483 ABBOTT, BETTY L
24486 ABBOTT, CLAYTON C
24503 WENNERSTROM, RICHARD C
24656 ERRICK, DAVID M
24785 ERRICK, CATHY M
24843 ERRICK D E INC
ERRICK, DAVID



-

WOODLAND DR 2014

7	STILES, CAROL J
92	KELLY, ROBERT A
163	RICKLEFS, BECKY L

ROUTE 6 2010

20653 HOFFMAN, MARY L
20867 LEONARD, DEWEY D
20909 TURNER, MICHAEL E
21006 APPLEBY, MARLIN E
APPLEBYS APPLIANCE REPAIR
21011 ANDREANO, RHONDA L
21028 KISKO, JAMIE
21089 STARR, TOM G
21404 WILLIAMS, TOM G
21476 VANSICKIES, BONNIE L
21514 TURNER, GARY L
21673 CALDWELL, CLARK I
21834 MARTZ, KIMBERLY I
22287 MUNCHIES FOOD SHOP
23385 DONOVAN, PAULA S
23599 LEWIS, RICHARD P
23636 BABCOCK, NANCY A
23867 ERNST, SHAWN M
23885 WHITNEY, PAULA S
23947 MCDOWELL, NAOMA F
24017 CRAWFORD, KEVIN D
24031 VEIT, HENRY P
24045 KELLOGG, SHELLY M
24081 BIRD, CHARLES W
24423 BURR, MATTHEW S
24445 BARBER, STEVEN W
24483 ABBOTT, CLAYTON C
24503 WENNERSTROM, RICHARD C
24656 ALLEN, CONNIE
24785 ERRICK, DAVID M
24843 D E ERRICK INC

WOODLAND DR 2010

7	LEWIS, JAMES L
92	KELLY, ROBERT
163	RICKLEFS, BECKY L

Target Street

Cross Street

Source

-

✓

Cole Information

ROUTE 6 2005

20882 LEONARD, DEWEY D
20909 TURNER, MICHAEL
21028 HOFFMAN, PHIL A
21476 KONTZ, DONALD N
21607 KUPPER, DONALD E
21673 LOVELL, GENEVIEVE B
21746 VANSICKIES, BONNIE L
23696 MCDOWELL, SHIRLEY A
23885 WHITNEY, TIM
23998 PERSHING, GEORGE W
24031 VEIT, HENRY P
24081 BIRD, JASON A
24445 COURTEAU, JOYCE T
24469 BURR, CHRISTOPHER W
24483 ABBOTT, CLAYTON C
24503 WENNERSTROM, RICHARD C
24626 WILSON, ANDEE

Target Street

Cross Street

Source

✓

-

Cole Information

WOODLAND DR 2005

7 LEWIS, JAMES L
163 MASTERS, TOM

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Inquiry Number: 7802620.2s
October 24, 2024

EDR Summary Radius Map Report



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

7 WOODLAND DR
PORT ALLEGANY, PA 16743

COORDINATES

Latitude (North): 41.8314930 - 41° 49' 53.37"
Longitude (West): 78.3152490 - 78° 18' 54.89"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 722945.6
UTM Y (Meters): 4634339.0
Elevation: 1757 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20191005, 20190917
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
7 WOODLAND DR
PORT ALLEGANY, PA 16743

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

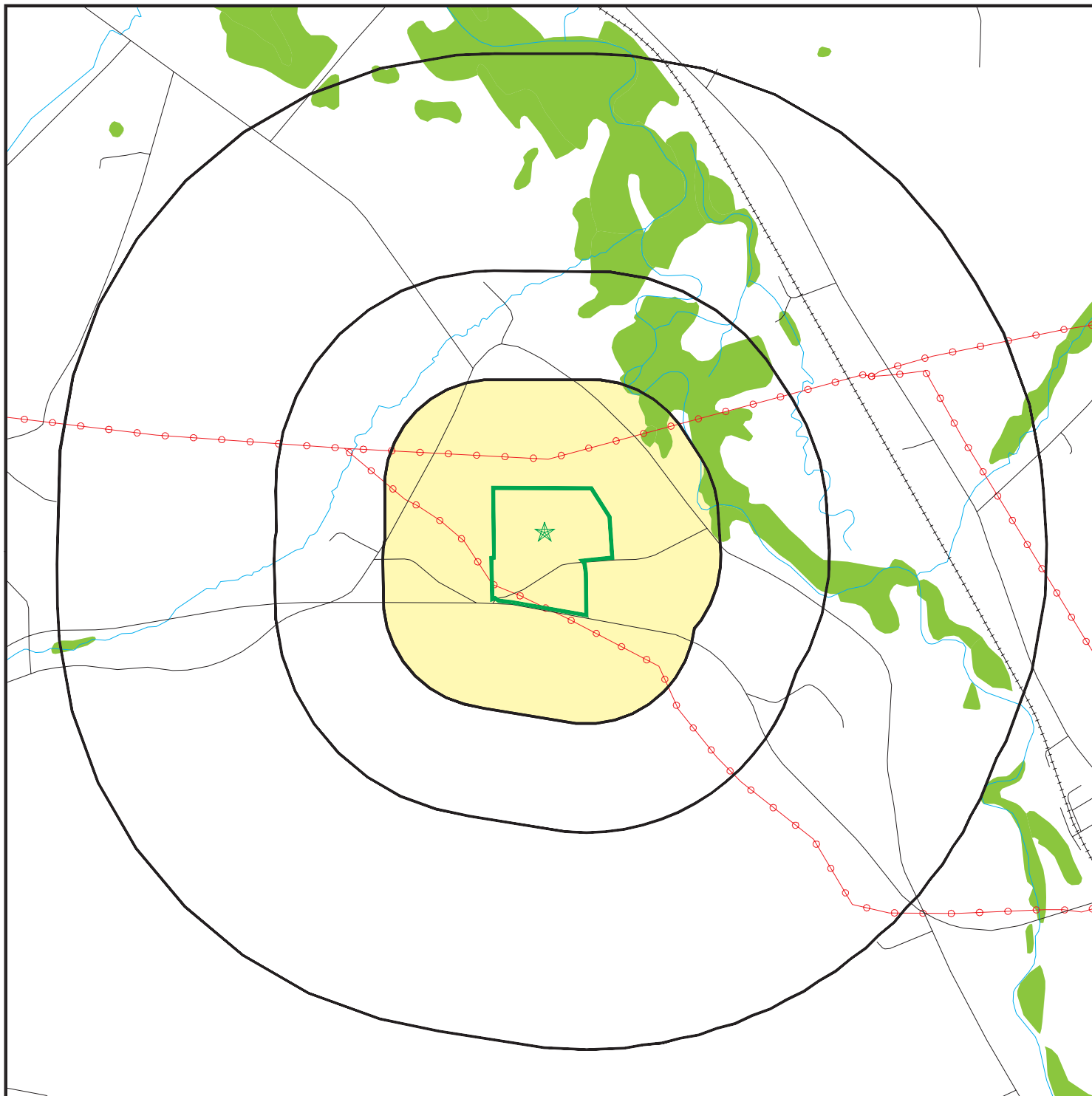
Count: 0 records.







ORPHAN SUMMARY





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

OVERVIEW MAP - 7802620.2S



-  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

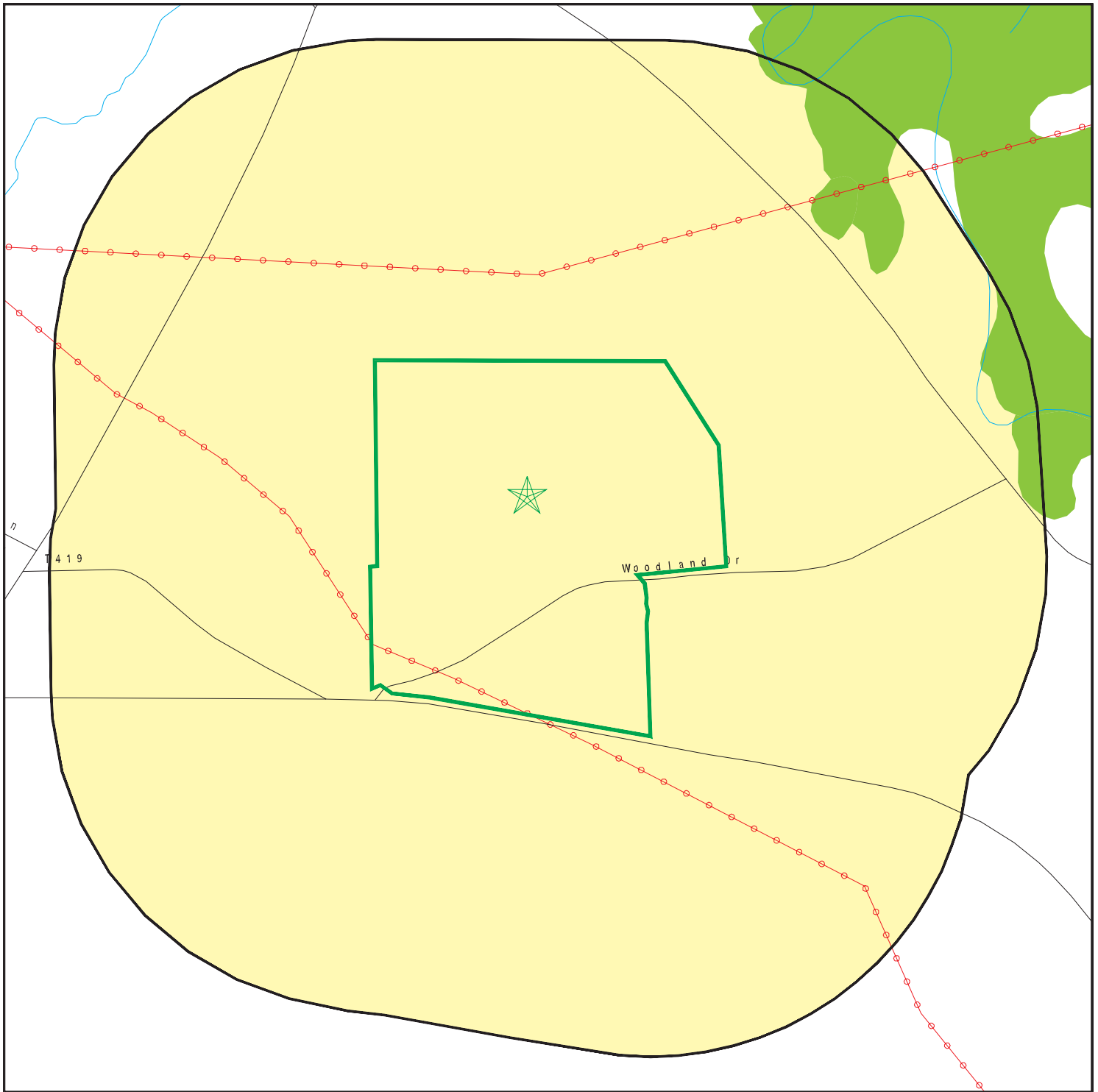
-  Indian Reservations BIA
-  Power transmission lines
-  National Wetland Inventory
-  State Wetlands








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: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY PA 16743
 LAT/LONG: 41.831493 / 78.315249

CLIENT: SWCA
 CONTACT: Alison Holmes
 INQUIRY #: 7802620.2s
 DATE: October 24, 2024 2:26 pm

DETAIL MAP - 7802620.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  National Wetland Inventory
-  State Wetlands



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: 7 WOODLAND DR
 ADDRESS: 7 WOODLAND DR
 PORT ALLEGANY PA 16743
 LAT/LONG: 41.831493 / 78.315249

CLIENT: SWCA
 CONTACT: Alison Holmes
 INQUIRY #: 7802620.2s
 DATE: October 24, 2024 2:27 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
STANDARD ENVIRONMENTAL RECORDS								
<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 (Superfund) equivalent sites</i>								
SHWS	1.000		0	0	0	0	NR	0
HSCA	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
LAST	0.500		0	0	0	NR	NR	0
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>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
LAND REC CLEANUP	TP		NR	NR	NR	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>								
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
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
ARCHIVE UST	0.250		0	0	NR	NR	NR	0
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
ACT 2-DEED	0.500		0	0	0	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	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
PA	ACT 2-DEED	Act 2-Deed Acknowledgment Sites	Department of Environmental Protection	04/23/2010	04/28/2010	04/30/2010
PA	AIRS	Permit and Emissions Inventory Data	Department of Environmental Protection	06/11/2024	06/12/2024	09/09/2024
PA	ARCHIVE AST	Archived Aboveground Storage Tank Sites	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	ARCHIVE UST	Archived Underground Storage Tank Sites	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	ASBESTOS	Asbestos Notification Listing	Department of Labor & Industry	08/27/2024	08/27/2024	08/28/2024
PA	AST	Listing of Pennsylvania Regulated Aboveground Storage Tanks	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	AUL	Environmental Covenants Listing	Department of Environmental Protection	07/09/2024	07/10/2024	10/01/2024
PA	BROWNFIELDS	Brownfields Sites	Department of Environmental Protection	07/09/2024	07/10/2024	10/01/2024
PA	DRYCLEANERS	Drycleaner Facility Locations	Department of Environmental Protection	06/11/2024	06/12/2024	09/09/2024
PA	ENG CONTROLS	Engineering Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	HIST LF ALI	Abandoned Landfill Inventory	Department of Environmental Protection	04/07/2022	04/07/2022	07/06/2022
PA	HIST LF INACTIVE	Inactive Facilities List	Department of Environmental Protection	12/20/1994	07/12/2005	08/11/2005
PA	HIST LF INVENTORY	Facility Inventory	Department of Environmental Protection	06/02/1999	07/12/2005	08/11/2005
PA	HSCA	HSCA Remedial Sites Listing	Department of Environmental Protection	06/30/2023	07/18/2023	10/05/2023
PA	INST CONTROL	Institutional Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	LAND REC CLEANUP	Land Recycling Cleanup Location Listing	Department of Environmental Protection	04/16/2024	05/22/2024	08/16/2024
PA	LAST	Storage Tank Release Sites	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	LUST	Storage Tank Release Sites	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	MINES	Abandoned Mine Land Inventory	PASDA	07/12/2024	07/16/2024	10/08/2024
PA	MUN WASTE OPER	Municipal Waste Operations Listing	Department of Environmental Protection	01/05/2024	02/14/2024	05/07/2024
PA	NPDES	NPDES Permit Listing	Department of Environmental Protection	05/28/2024	05/30/2024	08/26/2024
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
PA	PFAS	Sites With Known PFAS Contamination	Department of Environmental Protection	06/13/2024	06/13/2024	09/09/2024
PA	RES WASTE OPER	Residual Waste Operations Listing	Department of Environmental Protection	01/05/2024	02/14/2024	05/07/2024
PA	RG A HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department Environmental Protection		07/01/2013	12/30/2013
PA	RG A LF	Recovered Government Archive Solid Waste Facilities List	Department Environmental Protection		07/01/2013	01/10/2014
PA	RG A LUST	Recovered Government Archive Leaking Underground Storage Tan	Department Environmental Protection		07/01/2013	12/30/2013
PA	SHWS	Hazardous Sites Cleanup Act Site List	Department Environmental Protection	07/09/2024	07/10/2024	10/01/2024
PA	SPILLS	State spills	DEP, Emergency Response	06/01/2024	06/28/2024	07/24/2024
PA	SWF/LF	Operating Facilities	Department of Environmental Protection	05/14/2024	05/15/2024	08/12/2024
PA	UIC	Underground Injection Wells	Department of Environmental Protection	06/11/2024	06/12/2024	09/09/2024
PA	UNREG LTANKS	Unregulated Tank Cases	Department of Environmental Protection	04/12/2002	08/14/2003	08/29/2003
PA	UST	Listing of Pennsylvania Regulated Underground Storage Tanks	Department of Environmental Protection	06/03/2024	06/05/2024	08/30/2024
PA	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	07/01/2024	07/02/2024	09/27/2024
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	06/13/2024	06/14/2024	09/04/2024
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	10/13/2024	10/16/2024	10/23/2024
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2022	11/27/2023	02/22/2024
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2024	07/08/2024	09/26/2024
US	CORRACTS	Corrective Action Report	EPA	06/03/2024	06/07/2024	06/20/2024
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Delisted NPL	National Priority List Deletions	EPA	09/25/2024	10/01/2024	10/23/2024
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	07/24/2023	04/18/2024	06/06/2024
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/23/2024	06/28/2024	07/12/2024
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/11/2024	06/17/2024	09/04/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	06/07/2024	06/25/2024	09/19/2024
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/15/2024	03/19/2024	06/17/2024
US	FINDS	Facility Index System/Facility Registry System	EPA	08/13/2024	08/20/2024	08/28/2024
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	07/31/2024	08/12/2024	10/09/2024
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/13/2024	08/13/2024	10/09/2024
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/14/2024	06/17/2024	06/24/2024
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/07/2024	05/30/2024	08/28/2024
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/14/2024	05/30/2024	08/28/2024
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisiting	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	09/25/2024	10/01/2024	10/23/2024
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/25/2024	10/01/2024	10/23/2024
US	LUCIS	Land Use Control Information System	Department of the Navy	07/15/2024	07/17/2024	10/09/2024
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	10/01/2024	10/02/2024	10/09/2024
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/06/2024	06/07/2024	09/04/2024
US	NPL	National Priority List	EPA	09/25/2024	10/01/2024	10/23/2024
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	05/23/2024	07/02/2024	09/26/2024
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/19/2023	04/05/2024	06/06/2024
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/25/2024	10/01/2024	10/23/2024
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RMP	Risk Management Plans	Environmental Protection Agency	07/12/2024	07/17/2024	10/09/2024
US	ROD	Records Of Decision	EPA	08/27/2024	09/03/2024	09/19/2024
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	09/25/2024	10/01/2024	10/23/2024
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	09/25/2024	10/01/2024	10/23/2024
US	SSTS	Section 7 Tracking Systems	EPA	07/11/2024	07/11/2024	07/12/2024
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/08/2024	08/14/2024	08/28/2024
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2024	06/11/2024	09/04/2024
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/24/2024	08/08/2024	08/15/2024
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/10/2024	06/17/2024	09/04/2024
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	07/24/2024	08/08/2024	08/15/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/06/2024	08/14/2024	08/15/2024
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/02/2024	08/20/2024	10/09/2024
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	05/05/2024	05/07/2024	08/01/2024
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	10/28/2019	10/29/2019	01/09/2020
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
PA	Daycare Centers	Sensitive Receptor: Child Care Facility List	Department of Public Welfare			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
PA	State Wetlands	Wetlands Inventory	Pennsylvania Spatial Data Access			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

7 WOODLAND DR
7 WOODLAND DR
PORT ALLEGANY, PA 16743

TARGET PROPERTY COORDINATES

Latitude (North):	41.831493 - 41° 49' 53.37"
Longitude (West):	78.315249 - 78° 18' 54.90"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	722945.6
UTM Y (Meters):	4634339.0
Elevation:	1757 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14042261 PORT ALLEGANY, PA
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).

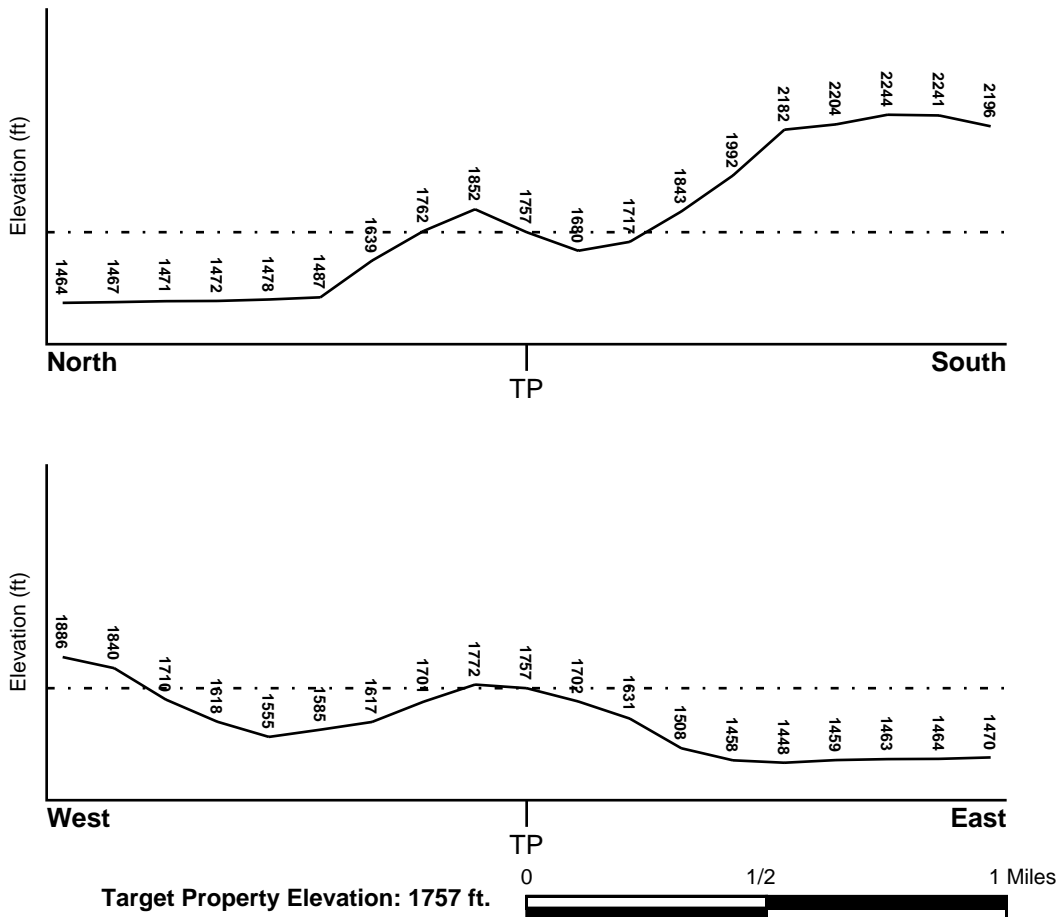
TOPOGRAPHIC INFORMATION

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 ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

Not Reported

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
PORT ALLEGANY

NWI Electronic
Data Coverage
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>
	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

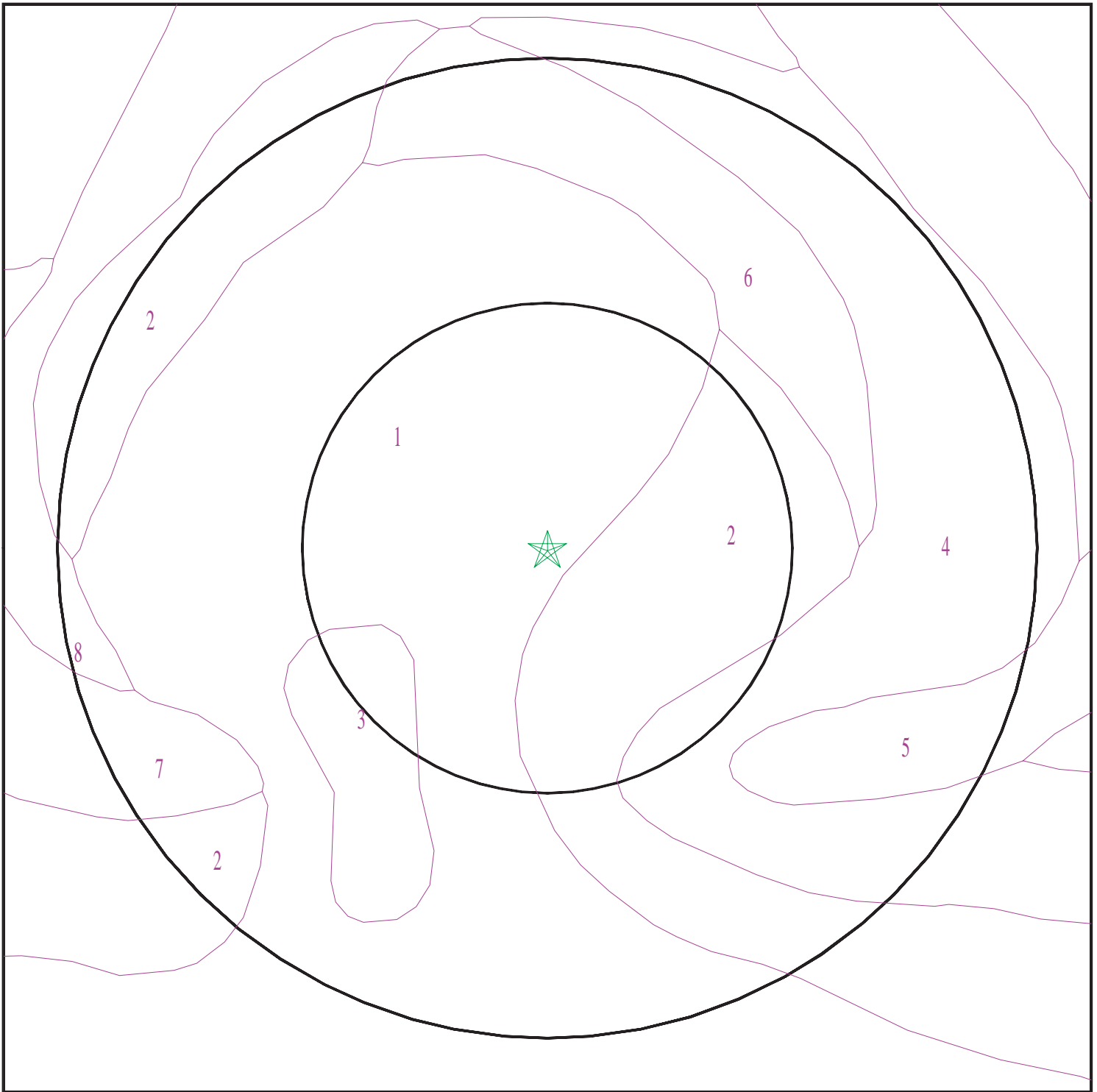
Era:	Paleozoic
System:	Devonian
Series:	Upper Devonian
Code:	D3c (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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 - 7802620.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 7 WOODLAND DR
ADDRESS: 7 WOODLAND DR
PORT ALLEGANY PA 16743
LAT/LONG: 41.831493 / 78.315249

CLIENT: SWCA
CONTACT: Alison Holmes
INQUIRY #: 7802620.2s
DATE: October 24, 2024 2:27 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: Leck Kill

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
2	5 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
3	25 inches	44 inches	extremely channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	44 inches	48 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

Soil Map ID: 2

Soil Component Name: Leck Kill

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
2	5 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	25 inches	44 inches	extremely channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
4	44 inches	48 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

Soil Map ID: 3

Soil Component Name: Leck Kill

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
3	25 inches	44 inches	extremely channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
4	44 inches	48 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

Soil Map ID: 4

Soil Component Name: Hartleton

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 48 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
2	5 inches	37 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
3	37 inches	46 inches	extremely channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
4	46 inches	50 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:

Soil Map ID: 5

Soil Component Name: Buchanan

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 48 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
2	25 inches	66 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6
3	9 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 3.6

Soil Map ID: 6

Soil Component Name: Leck Kill

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
2	5 inches	25 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
3	25 inches	44 inches	extremely channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:
4	44 inches	48 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42.34 Min: 1.41	Max: Min:

Soil Map ID: 7

Soil Component Name: Albrights

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 49 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 4.5
2	7 inches	18 inches	gravelly 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 Soils.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 4.5
3	18 inches	70 inches	channery 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 Soils.	Max: 4.23 Min: 1.41	Max: 6.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Hartleton

Soil Surface Texture: channery silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
2	5 inches	37 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
3	37 inches	46 inches	extremely channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	Max: Min:
4	46 inches	50 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14.11 Min: 0.423	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 FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B10	PA6420341	1/2 - 1 Mile East

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

STATE DATABASE WELL INFORMATION

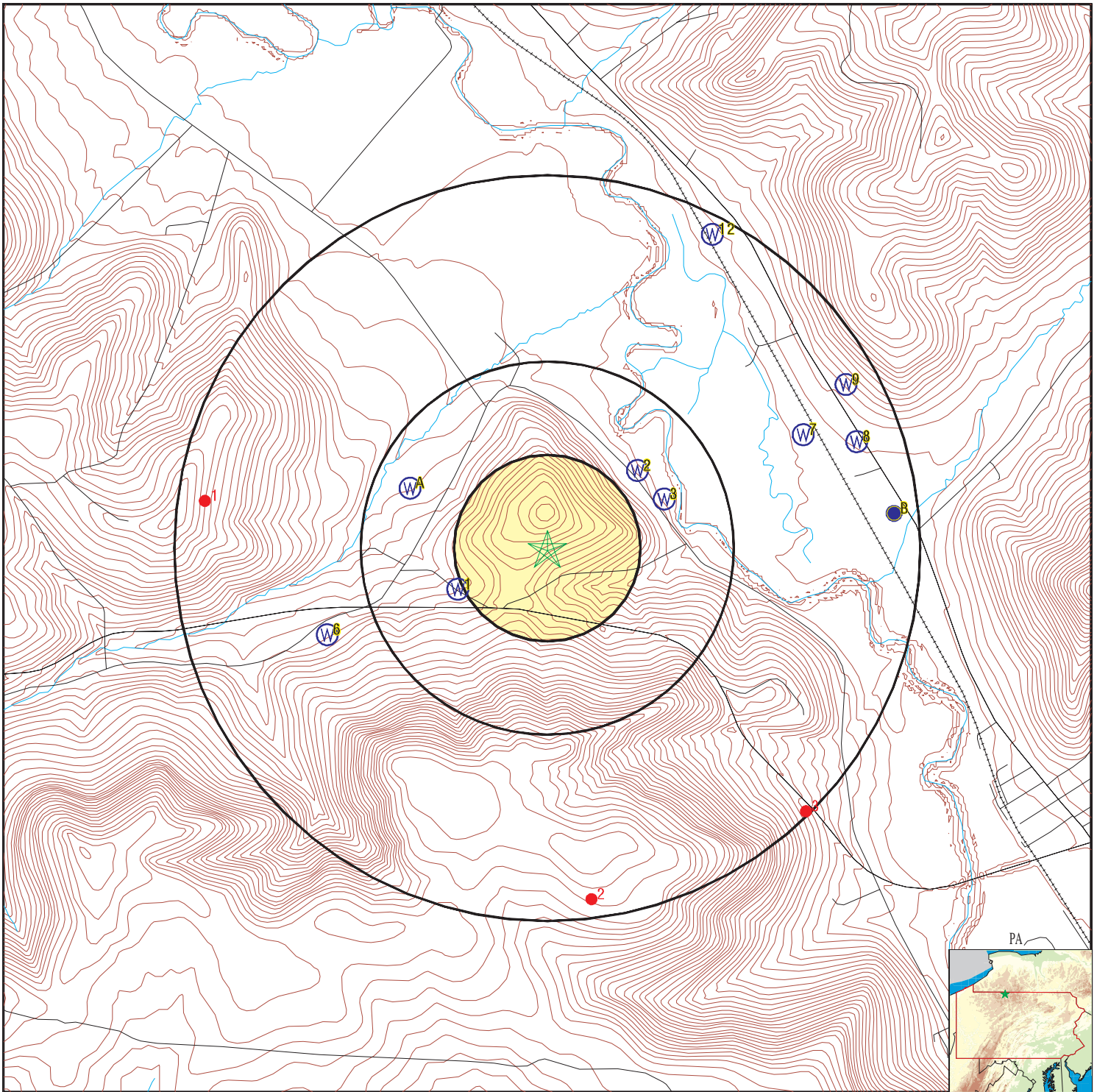
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	PASI60000400223	1/4 - 1/2 Mile WSW
2	PASI60000126775	1/4 - 1/2 Mile NE
3	PASI60000126781	1/4 - 1/2 Mile ENE
A4	PASI60000126783	1/4 - 1/2 Mile WNW
A5	PASI60000126773	1/4 - 1/2 Mile WNW
6	PASI60000126785	1/2 - 1 Mile WSW
7	PASI60000126786	1/2 - 1 Mile ENE
8	PASI60000126831	1/2 - 1 Mile ENE
9	PASI60000126776	1/2 - 1 Mile ENE
B11	PASI60000219091	1/2 - 1 Mile East
12	PASI60000390216	1/2 - 1 Mile NNE








OTHER STATE DATABASE INFORMATION





STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	PAOG80000116838	1/2 - 1 Mile West
2	PAOG80000151916	1/2 - 1 Mile South
3	PAOG80000141020	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 7802620.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  Oil, gas or related wells



SITE NAME: 7 WOODLAND DR ADDRESS: 7 WOODLAND DR PORT ALLEGANY PA 16743 LAT/LONG: 41.831493 / 78.315249	CLIENT: SWCA CONTACT: Alison Holmes INQUIRY #: 7802620.2s DATE: October 24, 2024 2:27 pm
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 West 1/2 - 1 Mile	Click here for full text details	OIL_GAS	PAOG80000116838
2 South 1/2 - 1 Mile	Click here for full text details	OIL_GAS	PAOG80000151916
3 SE 1/2 - 1 Mile	Click here for full text details	OIL_GAS	PAOG80000141020
1 WSW 1/4 - 1/2 Mile Lower	Click here for full text details	PA WELLS	PASI60000400223
2 NE 1/4 - 1/2 Mile Lower	Click here for full text details	PA WELLS	PASI60000126775
3 ENE 1/4 - 1/2 Mile Lower	Click here for full text details	PA WELLS	PASI60000126781
A4 WNW 1/4 - 1/2 Mile Lower	Click here for full text details	PA WELLS	PASI60000126783
A5 WNW 1/4 - 1/2 Mile Lower	Click here for full text details	PA WELLS	PASI60000126773
6 WSW 1/2 - 1 Mile Lower	Click here for full text details	PA WELLS	PASI60000126785

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
7	ENE	1/2 - 1 Mile	Lower	PA WELLS	PASI60000126786
		Click here for full text details			
8	ENE	1/2 - 1 Mile	Lower	PA WELLS	PASI60000126831
		Click here for full text details			
9	ENE	1/2 - 1 Mile	Lower	PA WELLS	PASI60000126776
		Click here for full text details			
B10	East	1/2 - 1 Mile	Lower	FRDS PWS	PA6420341
		Click here for full text details			
B11	East	1/2 - 1 Mile	Lower	PA WELLS	PASI60000219091
		Click here for full text details			
12	NNE	1/2 - 1 Mile	Lower	PA WELLS	PASI60000390216
		Click here for full text details			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: PA Radon

Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
16743	26	0.3	31.8	5.3

EPA Region 3 Statistical Summary Readings for Zip Code: 16743

Number of sites tested: 21.

Maximum Radon Level: 12.2 pCi/L.

Minimum Radon Level: 1.0 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
15 (71.43%)	4 (19.05%)	2 (9.52%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for MCKEAN County: 2

- 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.

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.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Pennsylvania Spatial Data Access

Telephone: 610-344-6105

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

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application -- An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX F

Subject Property Photographs



Figure F-1. Access point. North.



Figure F-2. Overview. South.



Figure F-3. Overview. East.



Figure F-4. Trees in upland field. West.



Figure F-5. Overview. South.



Figure F-6. Overview. East.



Figure F-7. Overview. North.



Figure F-8. Utility Right of way (ROW). West.



Figure F-9. Utility ROW. East.



Figure F-10. Overview. South.



Figure F-11. Overview. South.



Figure F-12. Solid waste observed south of subject property.