

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

SR 0001, GROUP 03S, SECTION RC3 ROADWAY RECONSTRUCTION PROJECT BUCKS COUNTY, PENNSYLVANIA

Prepared For:

Pennsylvania Department of Transportation District 6-0

And

**Johnson, Mirmiran, & Thompson, Inc.
220 St. Charles Way, Suite 200
York, PA 17402**

Prepared By:



**50 Grumbacher Rd, Suite 10
York, PA 17406**

**August 2021
Revised: October 2021**

TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY	1
2.0	INTRODUCTION.....	2
2.1	<i>PROJECT DESCRIPTION</i>	3
2.2	<i>PHYSICAL SETTING</i>	4
3.0	BACKGROUND REVIEW	6
3.1	<i>DESKTOP AND CITY DIRECTORY RESEARCH</i>	6
3.2	<i>HISTORICAL INFORMATION</i>	8
	Federal, State and Tribal Environmental Records	8
	Topographic Maps	18
	Aerial Photographs	20
	Sanborn Maps.....	21
	PADEP File Review and Information Obtained From Other Sources	22
	As-Built Plans	24
3.3	<i>INTERVIEWS</i>	25
3.4	<i>GROUNDWATER INFORMATION</i>	28
3.5	<i>DATA GAPS</i>	29
4.0	SITE RECONNAISSANCE	29
	Methodology and Limiting Conditions	29
	Walkthrough Observations	29
	Storage Tanks (Petroleum Products).....	30
	Waste Generation, Handling, Storage, and Disposal.....	30
	Groundwater/Surface Water	30
	Stormwater.....	31
	Drums/Containers.....	31
	Paints/Lubricants/Chemicals	31
	Stained Soil/Distressed Vegetation/Odors.....	31
	Transformers	31
	Generators.....	32
	Pools of Liquid.....	32
	Fill	32
	Other Structures within the AOI	32
	Adjacent properties	32
5.0	INVESTIGATION RESULTS	34
6.0	CONCLUSIONS AND RECOMMENDATIONS	47
7.0	LIMITATIONS.....	55
8.0	GLOSSARY AND ACRONYMS	56
8.1	<i>GLOSSARY</i>	56
8.2	<i>ACRONYMS</i>	58
9.0	LIST OF PREPARERS.....	61
10.0	REFERENCES.....	61

FIGURES

- Figure 1: Project Location Map
- Figure 2: Topographic Map
- Figure 3: Aerial Map
- Figure 4: Other Sites Referenced in the ESA
- Figure 5: Geologic Map
- Figure 6: Soils Map

TABLES

- Table 1: Land Use Observations (Topographic Maps)
- Table 2: Land Use Observations (Aerial Photographs)
- Table 3: Land Use Observations (Sanborn Maps)
- Table 4: Potential Waste Site Inventory
- Table 5: Waste Site Recommendations

APPENDICES

- APPENDIX A: Phase I Site Assessment Checklist
- APPENDIX B: EDR Regulatory Database Report
- APPENDIX C: Historical Topographic Maps
- APPENDIX D: Historical Aerial Photographs
- APPENDIX E: Sanborn Maps
- APPENDIX F: City Directory
- APPENDIX G: Site Photographs
- APPENDIX H: PADEP File Review Receipts
- APPENDIX I: Property Owner Coordination and Questionnaires
- APPENDIX J: As-Built Plans

1.0 EXECUTIVE SUMMARY

Susquehanna Civil Inc. (SCI) conducted a Phase I Environmental Site Assessment (ESA) for the PennDOT District 6-0 roadway reconstruction project located along State Route (SR) 0001 (Lincoln Highway), Group 03S, Section RC3 in Middletown Township, and Langhorne and Langhorne Manor Boroughs, Bucks County, Pennsylvania.

This Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) Standard E1527-13 and Pennsylvania Department of Transportation (PennDOT) Publication 281 – *Waste Site Evaluation Procedures Handbook* (May 2019).

The purpose of the Phase I ESA is to identify all potential recognized environmental conditions (REC) within the limits of disturbance of the proposed project. The Phase I ESA is a standard, non-invasive records search and on-site survey which serves to provide additional information as preliminary design proceeds and the preferred alternative is studied in detail. The records review included those records that were “practically reviewable” such as public waste files at the Pennsylvania Department of Environmental Protection (PADEP), and files kept in local, state, and federal environmental databases. The on-site survey included a non-invasive visual inspection of all sites of concern, including adjacent properties. Interviews of individuals knowledgeable about the sites of concern or surrounding areas were conducted during the investigation. The data collected during the records review, site reconnaissance, and interviews were compiled, evaluated, and documented in this Phase I ESA, and a recommendation was made based on the environmental professionals’ assessment of impact to the project.

Based upon background research, historical and regulatory data obtained, the on-site investigation, and project design plans, recognized environmental conditions were identified within the limits of disturbance of the proposed project along SR 0001 (Lincoln Highway) in Bucks County. It is the recommendation of the investigations by SCI that RECs do exist for the project, however, no further action is required at this time. There are currently data gaps, including an incomplete file review, making this recommendation subject to change. The results of the file review could provide information that changes the conclusions and/or recommendations made in this report. Once files are available to review, an addendum to this report will be prepared. Additionally, if residences along Central Avenue and S Bellevue Avenue are to be taken, it is recommended that all heating oil tanks be removed from the properties, an asbestos survey be completed, and any structures that were constructed prior to 1978 are inspected for lead-based paint.

Lead-based paint (LBP) and asbestos-containing materials (ACM) survey was not part of the scope of this investigation.

2.0 INTRODUCTION

This Phase I Environmental Site Assessment (ESA) was conducted in accordance with the ASTM Standard E1527-13 and PennDOT Publication 281 – *Waste Site Evaluation Procedures Handbook* (May 2019). The focus of the waste site investigation, relative to Pennsylvania Department of Transportation's (PennDOT) Transportation Development Process, is to identify all real estate properties located within the limits of work, which are known to or suspected to, either currently or previously, have generated, used, or stored materials and/or substances that are now regulated as wastes. During construction, these waste materials may pose a serious health threat, or may release into the natural environment causing natural resource damage.

A Phase I ESA is conducted to identify any potential recognized environmental concerns (RECs). The ESA satisfies PennDOT's need for an "appropriate inquiry" into the environmental characteristics of a parcel of real estate as established by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA), 42 U.S.C. § 9601(35) (B).

A Phase I ESA is a standard non-invasive records search and on-site survey of the project area. The records review is a paper study of records which are "practically reviewable," as defined by the ASTM standards, and "appropriate inquiry" as defined in PennDOT Publication 281. This investigation includes the review of historical and regulatory data records that reveal areas or potential areas of hazardous and environmentally sensitive wastes, practices, or materials. The onsite survey (site reconnaissance) is a non-intrusive visual inspection of the project area and adjacent properties to assess the physical characteristics of the sites within the project area, and surrounding areas and to identify any indicators of hazardous wastes or contaminants. Informal interviews are conducted, as applicable, to identify previous and existing activities involving hazardous waste/hazardous materials or other potential problem areas. Each of these investigations aids the investigator(s) in determining the appropriate level of any subsequent studies that may be necessary.

Standards for conducting ESAs for commercial property transactions have been established by ASTM. ASTM's primary purpose in developing these practices was to ensure that consultants and consumers would have a process that ensures satisfaction with the CERCLA due diligence standard. The investigative procedures utilized for this waste site evaluation are consistent with the ASTM standard procedures, and with generally accepted real estate acquisition, building, and development practices and standards utilized to assess general site conditions.

Per the guidance provided by Publication 281, the Phase I ESA consists of background research on the historical and current use of the property to identify potential areas of environmentally regulated substance release(s), termed Areas of Concern (AOC). The

outcome of a Phase I investigation will find: (1) no concerns, (2) potential concerns that may or may not have to be addressed when the project scope is further refined, or (3) specific concerns which will result in the execution of a Phase II or Phase III investigation.

The Phase I ESA satisfies PennDOT's need for appropriate inquiry into the environmental characteristics of a parcel of real estate. The investigative process is consistent with generally accepted real estate acquisition, building, and development practices and standards utilized to assess general site conditions, with further fitment to PennDOT transportation project and asset needs and requirements.

This Phase I ESA is based on records review and site investigation only and did not include any environmental sampling or analyses of any media (air, solids, or liquids) from the project area. This report has been prepared in accordance with generally accepted scientific practices and no other warranty is expressed or implied.

2.1 PROJECT DESCRIPTION

PennDOT District 6-0 is proposing reconstruction and widening of multiple areas along SR 0001 (Lincoln Highway) including the parallel service (frontage) road, from just north of the SR 0001 bridge over Business Route 1 (SR 2037)/CSX/SEPTA to approximately 0.2 miles north of the Corn Crib Lane (SR 2197) bridge over SR 0001. Proposed activities include:

- Construction of two proposed mainline interchanges: one in the area of Highland Avenue and one in the area of Pine Street;
- Removal of the access between the northbound and southbound frontage roads and SR 0001;
- Replacement of three bridges: West Interchange Road (SR 2199) over SR 0001; Corn Crib Lane (SR 2197) over SR 0001; and Pine Street (SR 0413) over SR 0001;
- Rehabilitation of the bridge that carries SR 0001 over Highland Avenue (SR 2008); and
- Investigating six intersections for the possibility of roundabout construction.

The project's Area of Investigation (AOI) includes areas of proposed construction including a portion of SR 0001 that is approximately 2.6 miles long, a portion of Old Lincoln Highway near Neshaminy High School and the Bucks County Water and Sewer Authority (BCWSA), and small segments of multiple roads that are perpendicular to SR 0001 on the northbound and southbound sides of the road (**Figure 1**).

2.2 PHYSICAL SETTING

SR 0001 is a four (4)-lane divided highway with single lane service (frontage) roads that provide access for adjoining properties to the highway. Although technically part of SR 0001, the service (frontage) roads are called Super Highway and multiple properties along the road have addresses listed as Super Highway. The segment of the SR 0001 RC3 Mainline runs through the southwest portion of Bucks County and passes through three municipalities including Middletown Township, Langhorne Borough, and Langhorne Manor Borough. Within and surrounding the project area is a very urban, heavily developed area. Surrounding the AOI is a mixture of commercial and residential land uses. A large majority of the corridor is lined on both sides with trees and small forested areas acting as a buffer between the highway and properties adjacent to the highway (**Figures 2 and 3**). Some of the businesses that are within or around the AOI include Delaware Quarries Inc. Langhorne Stone, the Woods School, the Bucks County Water and Sewer Authority (BCWSA), Neshaminy High School, Picernos Conoco gas station, Our Lady of Grace Cemetery, and the Flooring Doctor.

Geology

The AOI is underlain by pyroxene bearing Felsic Gneiss (aka Granitic Gneiss). This unit is light pink in color and fine to medium grained (about 1mm in diameter). Quartz, microcline, hornblende, and trace amounts of biotite are the minerals that make up this unit. This geologic unit is commonly found in areas with medium relief hills or natural steep and stable slopes. The banding is poorly developed, and the unit is highly resistive to weathering. Joints are irregular and moderately to poorly formed. This unit is difficult to excavate, having a slow drilling rate. Felsic Gneiss is an excellent source of road material, riprap, building stone, embankment facing, and fill. Groundwater median yield is less than 20 gallons per minute. A yield of 35 gallons per minute is more obtainable from wells that are properly sited and developed and that are at least 100 feet deep but no more than 200 feet deep for a maximum yield (see **Figure 5**).

Soils

There are a variety of soils that underlie the project area. The corridor, as mapped by the Natural Resources Conservation Service's (NRCS) Web Soil Survey (U.S. Department of Agriculture, 2020) and Soils Survey of Bucks County (USDA Soil Conservation Service in cooperation with the Pennsylvania State University College of Agriculture and Pennsylvania Department of Environmental Resources State Conservation Commission, 1972), is underlain by either Chalfont silt loam (CbA), Chester silt loam (CdA and CdB), Glenville silt loam (GrA), Lawrenceville silt loam (LkA), Udorthents, loamy (Ub), Urban land-Chester complex (UkB), and Urban land-Glenville complex (UpB). The soil types are mapped in **Figure 6** and are described in more detail below.

Chalfont silt loam (CbA)

The Chalfont silt loam is located on upland slopes and the parent material consists of loess over residuum weathered from shale and siltstone. The typical profile is silt loam in the first 0 to 21 inches, channery silt loam from 21 to 57 inches, and very channery silt loam in the final 57 to 70 inches. The soils drainage class is somewhat poorly drained, and the runoff class is very high. Depth to a restrictive layer, fragipan, is 15 to 30 inches and depth to lithic bedrock is 42 to 99 inches. Depth to the water table is about 6 to 18 inches and the soil is not frequently flooded or ponded. The soil is considered Farmland of Statewide Importance and is not hydric.

Chester silt loam (CdA and CdB)

Chester silt loam is typically found on hillslopes and the parent material is residuum weathered from mica schist. The typical profile consists of silt loam in the first 0 to 17 inches, clay loam in the next 17 to 38 inches, loam in the next 38 to 56 inches, and fine sandy loam in the remaining 56 to 92 inches. Depth to a restrictive layer is more than 80 inches. The drainage class is well-drained and the depth to the water table is more than 80 inches. The soil is not frequently flooded or ponded. This soil is considered Prime Farmland and is not hydric.

Glenville silt loam (GrA)

Glenville silt loam is typically found on hillslopes and the parent material consists of colluvium and/or residuum weathered from mica schist. The typical profile includes silt loam in the first 0 to 39 inches and channery loam in the last 39 to 82 inches. Depth to a restrictive layer, fragipan, is 15 to 30 inches and to paralithic bedrock is 60 to 99 inches. The drainage class is moderately well-drained, and the runoff class is low. Depth to the water table is about 6 to 36 inches and the soil is not frequently flooded or ponded. This soil is considered Prime Farmland and is not hydric.

Lawrenceville silt loam (LkA)

Lawrenceville silt loam is typically found in depressions or upland slopes and the parent material consists of loess over residuum weathered from shale and siltstone. The typical profile is silt loam from 0 to 75 inches. Depth to a restrictive layer, fragipan, is about 24 to 38 inches and to lithic bedrock is 48 to 99 inches. The soil is moderately well-drained, and the runoff class is low. Depth to the water table is about 18 to 36 inches and the soil is not frequently flooded or ponded. This soil is considered Prime Farmland and is not hydric.

Udorthents, loamy (Ub)

Udorthents are typically found on ridges and the parent material is graded areas of loamy sedimentary rock. The typical profile is loam from 0 to 5 inches, gravelly loam in the next 5 to 40 inches, and loam again in the remaining 40 to 70 inches. Depth to a restrictive layer is more than 80 inches. The drainage class of this soil is moderately well-

drained, and the runoff class is very high. Depth to the water table is about 12 to 36 inches and the soil is not frequently flooded or ponded. The soil is not classified as Prime Farmland and is not hydric.

Urban land-Chester complex (UkB)

The Urban land-Chester complex is 50% urban land and 30% Chester and other similar soils. The parent material is pavement, buildings, and other artificially covered areas. The typical profile is variable in the first 0 to 6 inches. Depth to a restrictive layer, lithic bedrock, is about 10 to 99 inches. The soil is well drained and the runoff class is low. Depth to water table is more than 80 inches and the soil is not frequently flooded or ponded. The complex is not classified as Prime Farmland and is not hydric.

Urban land-Glenville complex (UpB)

The Urban land-Glenville complex is 65% urban land and 25% Glenville and similar soils. The parent material is pavement, buildings, and other artificially covered areas. The typical profile is variable in the first 0 to 6 inches. Depth to a restrictive layer, lithic bedrock, is about 10 to 99 inches. The soil is moderately well drained and the runoff class is low. Depth to water table is 6 to 36 inches and the soil is not frequently flooded or ponded. The complex is not classified as Prime Farmland and is not hydric.

3.0 BACKGROUND REVIEW

This section contains information obtained from applicable and reasonably available sources as outlined in the *Phase I Site Assessment Checklist* included in **Appendix A** of this report.

3.1 DESKTOP AND CITY DIRECTORY RESEARCH

According to Bucks County Public Geographic Information System (GIS) Viewer and parcel viewer, the SR 0001 (Lincoln Highway) RC3 corridor is a four (4)-lane divided highway with single lane service (frontage) roads on both sides called Super Highway. Bordering this section of SR 0001 are mostly residences and a few businesses. The project area is mostly linear with a few areas where the project area extends along roadways that run perpendicular to SR 0001. The AOI incorporates a section of Old Lincoln Highway, which runs parallel to SR 0001 and is near Neshaminy High School. The AOI also extends along multiple roads that intersect with the service (frontage) road on both the northbound and southbound sides of SR 0001. More specifically, the AOI extends to a slightly longer distance along West Interchange Road, S Pine Street, and Corn Crib Lane.

City directory lists for the entire RC3 Mainline project area were obtained from Environmental Data Resources Inc. (EDR) and reviewed for indications of property use at the subject property and nearby properties. EDR provided city directory lists from 1972 to 2017 (**Appendix F**). Given this project is a roadway corridor along SR 0001, there are multiple addresses of businesses and residential properties within the AOI. According to the historical city directories obtained for the corridor, there are multiple addresses that appeared to be residential properties and some commercial properties in the past, similar to what is currently there. The full city directory can be reviewed in **Appendix F**. It should be noted that some of the sites provided by EDR could not be confirmed to be located within the AOI. For example, some of the 1972 and 1987 listings include addresses near Woodburne Road, which is located north of the AOI, while other listings for “US Route 1” or “Route 1” may be for properties located along Business Route 1. Notable listings in the city directory that pertain to the AOI include:

- 1732 Super Highway – currently the location of Flooring Doctor, but was the location of Langhorne Speed Shop circa 1982 – 2010 and Griffith Electric Supply in 2014.
- 1215 Super Highway – currently the location of Our Lady of Grace Cemetery. City directory listings indicate that the cemetery has been located at this property since at least 1987. The 1982 listing includes the cemetery but does not provide an address.
- 1868 Super Highway – currently the location of Delaware Quarries Inc. Langhorne Stone. City directory listings indicate that the business has been located at this address dating back to 1982, when it was listed as “Langhorne Stone Company.”
- 507 S. Bellevue Avenue – currently the location of Foster Mower Services Inc. City directories for 1982 and 1987 list “Rollin Serv Statn” with no street number. Based on other sources of information gathered from this Phase I ESA investigation, it is assumed that this business is located at 507 S. Bellevue Avenue.

Google Maps was reviewed to identify any potential properties of interest within or in the immediate vicinity of the AOI that were not already identified in the background package provided by EDR. Only one business was noted: Mark Clayton Fuel, located at 554 Parkvale Avenue (rear). During the field walk, SCI stopped at 554 Parkvale Avenue and spoke with Cheryl, the current tenant on the property, and learned that the property is a residence. The tenant of the property stated that the business office for Mark Clayton Fuel used to be located in the basement of the house, but the operation of the business, including truck re-fills and servicing, were done somewhere else. The

tenant confirmed that no storage tanks were located at the property. Based on this information, Mark Clayton Fuel was not considered further in this investigation.

3.2 HISTORICAL INFORMATION

Federal, State and Tribal Environmental Records

A regulatory agency database search report was obtained from EDR, to identify environmental risk management data for the project area. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated in the database, and the definition of databases searched in is provided in **Appendix B**. The databases were reviewed for the purpose of identifying environmental conditions for the SR 0001 corridor.

The EDR report identified multiple sites at different addresses that are in or adjacent to the AOI.

The following properties were identified in the EDR report, within the AOI, and required further investigation.

- Rollins Enterprises, located on Super Highway and Bellevue Avenue, was identified in the EDR report as a Resource Conservation and Recovery Act (RCRA) Non-generator (NonGen)/No Longer Regulated (NLR). The hazardous waste summary identifies an undefined waste and ignitable waste. This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches. The property is within the AOI at the intersection of Central Avenue and S Bellevue Avenue and is approximately three feet higher in elevation compared to SR 0001. Groundwater is estimated to generally flow east within the AOI.
- Picernos Gas, located at 452 S Bellevue Avenue, was identified in the EDR report as an underground storage tank (UST) and leaking underground storage tank (LUST) site. The property currently has two 6,000-gallon and one 8,000-gallon USTs containing gasoline. The tanks were installed in 1980 and the last reported inspection was in 2018. Archived records also indicate there was a 1,000-gallon UST that was closed without a permit. In 1994, a LUST impacted soil and groundwater. This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches. The tank contained unleaded gasoline and cleanup was completed as of 2005. This property sits at a higher elevation and groundwater generally flows south/southwest toward the AOI.

- Our Lady of Grace Cemetery, located at 1215 Super Highway, was identified in the EDR report as having an archive UST. The tank was a 275-gallon gas tank that was closed without a permit. This property sits on CdA soil where depth to the water table is more than 80 inches. This property sits at a higher elevation and groundwater generally flows south toward the AOI.

The following properties are close in proximity to the AOI and/or have had environmental incidents in the past and required further investigation.

- The Schardinger Residence, located at 531 South Bellevue Avenue, was identified in the EDR report as having an unregulated (leaking) tank (UNREG LTANKS) containing fuel oil No. 2. The closure of this tank is not reported, and cleanup of tanks used authorities other than Act 32. This property is located approximately 120 feet from the AOI. This property sits on UkB soils where depth to the water table is more than 80 inches. This property sits at a higher elevation than the AOI, but groundwater generally flows southwest away from the AOI at the intersection of Pine Street and Bellevue Avenue. If contamination has occurred at this location, it is outside of the AOI and groundwater flows away from the AOI, therefore, this property is not a concern for the project.
- The property located at 335 S Bellevue Avenue, was identified in the EDR report as being a PA Voluntary Cleanup (VCP) site. The contaminant is identified as Fuel Oil No. 2 that impacted soil. Remediation was completed according to the Statewide Health Standard (SHS) as of 2012. This property sits on UkB soils where depth to the water table is more than 80 inches. This property sits at a higher elevation than the AOI but is located approximately 0.12 miles to the north and west of the AOI and groundwater generally flows south into the AOI. Given the distance between this property and the AOI, the fact that contamination at the property has been cleaned up, and there have been no recent reported incidents of soil or groundwater contamination, it is not considered a concern for the project.
- The Mobil Oil Corp SS# DBE, located at 152 E Maple Avenue, was identified in the EDR report as having a RCRA-Small Quantity Generator (SQG), a LUST, USTs, and a PA Activity and Use Limitation (AUL). The hazardous waste summary includes an undefined waste, ignitable waste, and lead. The LUST contained unleaded gasoline that impacted groundwater. Cleanup was completed on May 11, 2012. The Site Characterization Report (SCR) extension request was denied on November 9, 2006. There are three USTs currently in use. All three tanks are 10,000-gallon gasoline tanks. The tanks were last inspected on October 9, 2020. The AUL is identified in the Environmental Covenant (EC), signed by the DEP on November 20, 2013. This property sits on UkB soils where depth to the water

table is more than 80 inches. This property is located approximately 0.13 miles north of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows east away from the AOI. Therefore, this property is not a concern for the project.

- The Texaco 100296, located at Route 213 and 413, was identified in the EDR report as having a LUST, an AUL, archive USTs, and a RCRA-SQG. The LUST contained unleaded gasoline and soil and groundwater cleanup was completed on March 15, 2010. The AUL is identified in the EC as a non-residential limitation. There are six archived USTs, five of which have been removed and one of which was closed without a permit including one 12,000-gallon gasoline tank, two 10,000-gallon gasoline tanks, an 8,000-gallon diesel fuel tank, and two 550-gallon used oil (USDOL) tanks. The Small Quantity Generator (SQG) hazardous waste summary includes an undefined waste, ignitable waste, and carbon tetrachloride; no violations were found. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 0.19 miles north of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows east away from the AOI. Therefore, this property is not a concern for the project.
- Exxon Ras No 25559, located at 123 N Pine Street, was identified in the EDR report as having a LUST, USTs, an AUL, archive USTs, and a RCRA-VSQG. The LUST contained unleaded gasoline that contaminated soil and groundwater. Cleanup was completed in September 2001. There are three tanks currently in use including two 8,000-gallon gasoline tanks and one 10,000-gallon gasoline tank. The AUL is identified in the EC and was signed by the DEP on February 12, 2015; however, EDR does not give any further details about the AUL. There are two archived USTs one of which was closed without a permit and the other was exempt from state law. The tank closed without a permit was a 1,000-gallon used oil tank and the other tank was a 1,000-gallon heating oil (HO) tank. The generator is conditionally exempt, and the hazardous waste summary includes undefined waste, ignitable waste, and benzene. No violations were noted. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 0.19 miles north of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows east away from the AOI. Therefore, this property is not a concern for the project.
- Sunoco 0013 6366, located at Route 213 and Flower Mill Road, was identified in the EDR report as having a LUST. The tank contained petroleum which impacted groundwater and cleanup has been completed in 2003. This property sits on CdB soils where depth to the water table is more than 80 inches. This property is located approximately 0.44 miles northeast of the AOI and sits at a lower

elevation than the AOI. Groundwater generally flows north/northeast away from the AOI. Therefore, this property is not a concern for the project.

- Artcraft Mach, located at 1115 W Gillam Avenue, was identified in the EDR report as having an unregulated leaking tank, with an unreported closure. Cleanup of tanks used authorities other than Act 32. This same property, located at 1115 W Gillam Avenue, was also identified in the EDR report as being a Pennsylvania Voluntary Cleanup (PA VCP) site for Fuel Oil No 2/polyaromatic hydrocarbons. Remediation was completed according to the Statewide Health Standard. The impacted media was soil and cleanup was approved on January 13, 2020. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 0.23 miles north of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows northwest away from the AOI. Therefore, this property is not a concern for the project.
- Sylvester's Market, located at 1205 Highland Avenue, was identified in the EDR report as having a LUST. The tank contained gasoline that contaminated soil and cleanup was completed on June 10, 1997. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 0.27 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows south away from the AOI. Therefore, this property is not a concern for the project.
- Langhorne PALG UST II, located at 1266 Old Lincoln Highway, was identified in the EDR report as having a LUST, USTs, and an AUL defined in the EC. The LUST contained gasoline that contaminated the groundwater. Cleanup was completed on October 7, 2010. There are two 15,000-gallon gasoline USTs currently in use. The AUL is non-residential use and was signed by the DEP on November 16, 2010. Another spill occurred in 2014 that contaminated the soil with unleaded gasoline. Cleanup was completed on December 10, 2014. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 0.15 miles north of the AOI and sits at a higher elevation than the AOI. Groundwater generally flows north/northwest away from the AOI. Therefore, this property is not a concern for the project.

The following properties were identified in the EDR report. Based on the environmental incidents, other information identified in the EDR report, and/or the distance and proximity of each site to the AOI, these properties were determined to have no impact on the project at this time.

- Pump Station 4A, located at 2002 W Old Lincoln Highway, was identified in the EDR report as having a UST. The UST is a 2,000-gallon diesel fuel tank that is currently in use. EDR maps this facility at a residential property; however, an Aqua Pennsylvania facility is located at 2002 West Lincoln Highway, approximately 0.5 miles southwest of the AOI. This facility likely has a pump station, and it is possible that EDR mis-located this property. If that is the case, this property sits at a lower elevation and groundwater generally flows in a west direction towards Neshaminy Creek. This property sits on Urban land-Delaware complex (UIB) soils where depth to the water table is more than 80 inches. PADEP file review receipts show that files are available for this location at the EDR-identified address. Once files are obtained, the location of this Pump Station may be clarified but at this time this property is not considered a concern for the project.
- Kleenco, located at 148 Flowers Avenue, was identified in the EDR report as a Historic Cleaner in 1997 as a dry-cleaning plant. EDR did not report any additional information indicating a product release or contamination. No incidents were reported at this location. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located approximately 500 feet west of the AOI and sits at a slightly lower elevation than the AOI. Groundwater generally flows east towards the AOI. However, since EDR did not report any incidents resulting in spills or contamination, this property is not a concern for the project.
- Hanks Foreign Car Service, located at 137 E Richardson Avenue, was identified in the EDR report as a Historic Auto site. From 1971 to 2014, this site was a general automotive repair shop. In 1978 and 1979, the property was also a gasoline service station. EDR did not report any incidents resulting in spills or contamination. This property sits on UkB soils where depth to the water table is more than 80 inches. Although the site sits at a higher elevation than the AOI, it is located approximately 725 feet northwest of the AOI and groundwater generally flows east away from the AOI. Therefore, this property is not a concern for the project.
- The Brinig residence, located at 351 Station Avenue, was identified in the EDR report as having an unregulated leaking tank. The contaminant identified was solvents and tank closure was not reported. Tank cleanup was done using authorities other than Act 32. This property sits on UkB soils where depth to the water table is more than 80 inches. This property is located over 580 feet north of the AOI and sits at a higher elevation than the AOI. Groundwater generally flows west/southwest towards the vicinity of the AOI. However, given the fact

that cleanup was completed, this property is not considered a concern for the project.

- Masselles Auto Body, located at 119 E Richardson Avenue, was identified in the EDR report as a RCRA-Very Small Quantity Generator (RCRA-VSQG) site. The hazardous waste summary includes ignitable waste, lead, benzene, methyl ethyl ketone, tetrachloroethylene, trichlorethylene, and multiple spent nonhalogenated solvents. In May 2005, the property was cited for a “Generators – General” violation which appears to have been corrected on the same day. EDR does not provide details on the violation; however, no additional records indicating a product spill or contamination were reported. This property sits on UkB soils where depth to the water table is more than 80 inches. Although the property sits at a higher elevation than the AOI, it is located approximately 670 feet northwest of the AOI, and groundwater generally flows north/northwest away from the AOI. Therefore, this property is not a concern for the project.
- D J H Plumbing & Heating Inc., located at 129 S Bellevue Avenue, was identified in the EDR report as a RCRA-VSQG site. The property is conditionally exempt, and no violations were noted. This property sits on UkB soils where depth to the water table is more than 80 inches. Although the property sits at a higher elevation than the AOI, it is located approximately 850 feet northwest of the AOI and groundwater generally flows northwest away from the AOI. Therefore, this property is not a concern for the project.
- Vitale Auto Collision and Repair/Langhorne, located at 131 National Avenue, was identified in the EDR report as a RCRA-VSQG site. The property is conditionally exempt. The hazardous waste summary includes ignitable waste, chromium, lead, benzene, methyl ethyl ketone, tetrachloroethylene, trichlorethylene, multiple spent halogenated and nonhalogenated solvents. EDR also identified this site as a historic generator under the name “Wreck-N-Mended.” No violations for the property were noted. This property sits on UkB soils where depth to the water table is more than 80 inches. The property is located approximately 0.23 miles north of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows northeast away from the AOI. Therefore, this property is not a concern for the project.
- Smith, Joseph S. Roofing Inc., located at 313 Hulmeville Road, was identified in the EDR report as a RCRA-VSQG site. The property is conditionally exempt. The hazardous waste summary includes an undefined waste, ignitable waste, and corrosive waste. This facility has received notices of violation. This property sits on UkB soils where depth to the water table is more than 80 inches. The property is located approximately 0.30 miles north of the AOI and sits at a higher

elevation than the AOI. Groundwater generally flows south/southeast toward the AOI. However, given the distance between this property and the AOI and the fact that this location has no reported incidents of soil or groundwater contamination, it is not considered a concern for the project.

- Betz Laboratories Inc. property, located at 985 Wheeler Way, was identified in the EDR report as being on the Superfund Enterprise Management System (SEMS) Archive list. The property is not on the National Priorities List (NPL) and was deferred to RCRA. Additionally, the property has had Corrective Action Activity (CORRACTS) in 2015. This property sits on Urban land (UfuB) soils; information on the depth to the water table is not provided by the Web Soil Survey. The property is located approximately 0.67 miles northeast of the AOI, sits at a lower elevation than the AOI, and groundwater generally flows south/east away from the AOI. Therefore, this property is not a concern for the project.
- WaWa 277, located at 2250 Lincoln Highway in Bensalem, was identified in the EDR report as having four USTs. The USTs are all currently in use. Three of the USTs are 15,000-gallon gasoline tanks and the fourth tank is a 15,041-gallon diesel fuel tank. This property sits on UfuB soils; information on the depth to the water table is not provided by the Web Soil Survey. The EDR report mistakenly locates this property within the AOI; the property address is actually in Bensalem which is approximately 2.75 miles northeast of the AOI and sits at a lower elevation than the AOI. Therefore, this property is not a concern for the project.
- Mike Piazza Collision Center Langhorne, located at 1872 Lincoln Highway, was identified in the EDR report as a RCRA-VSQQ site. The property is conditionally exempt, and the hazardous waste summary includes ignitable waste, chromium, and spent nonhalogenated solvents. No violations were found. The EDR report mistakenly locates this property within the AOI; however, a google search of the address locates the business approximately 1.2 miles east of the AOI along Business Route 1 where Mike Piazza auto dealerships are located. This property sits on UfuB soils; information on the depth to the water table is not provided by the Web Soil Survey. This property sits at a lower elevation than the AOI. Therefore, this property is not a concern for the project.
- The Langhorne United Methodist Church, located at 301 E Maple Avenue, was identified in the EDR report as having an archived UST. The UST was a 5,000-gallon heating oil tank that was closed without a permit. EDR did not report any incidents resulting in spills or contamination and the site is located approximately 0.20 miles north of the AOI and sits at a lower elevation than the AOI. This property sits on UkB soils where depth to the water table is more than

80 inches. Groundwater generally flows north/northeast away from the AOI. Therefore, this property is not a concern for the project.

- Village Printing and Lithograph, located at 117 E Maple Avenue, was identified in the EDR report as a RCRA-VSQG site. The property is conditionally exempt, and the hazardous waste summary includes undefined waste and silver. No violations were found. EDR did not report any incidents resulting in spills or contamination and the site is located approximately 980 feet north of the AOI and sits at a higher elevation than the AOI. This property sits on UkB soils where depth to the water table is more than 80 inches. Groundwater generally flows east away from the AOI. Given the distance between the property and the AOI, the fact that this location has no reported incidents of soil or groundwater contamination, and groundwater does not flow towards the AOI, this property is not a concern for the project.
- Dump on E Maple Avenue/Maple Avenue Dump Site, located at 500 E Maple Avenue, was identified in the EDR report as being on the SEMS-Archive. This site is not on the NPL and does not qualify for the NPL based on existing information. EDR did not report any incidents resulting in spills or contamination. This property appears to be a residence and the site is located over 970 feet north of the AOI. It is possible EDR mis-located this address. The property sits at a higher elevation than the AOI. This property sits on top of GrA soil where depth to the water table is more than 6-36 inches and on Duncannon silt loam (DuA) soils where depth to the water table is more than 80 inches. Groundwater generally flows east away from the AOI. Therefore, this property is not a concern for the project.
- The Langhorne Lead Site, located at 330 S Bellevue Avenue, was identified in the EDR report as being on the SEMS-Archive. This site is not on the NPL and does not qualify to be on the NPL based on the existing information. EDR did not report any incidents resulting in spills or contamination. Although the site sits at a higher elevation than the AOI, it is located over 880 feet north of the AOI. Groundwater generally flows south towards the AOI. This property sits on UkB soils where depth to the water table is more than 80 inches. Given the distance between the property and the AOI and the fact that this location has no reported incidents of soil or groundwater contamination, this property is not a concern for the project.
- Davis Acura/David Davis Enterprise Inc., located at 2051 E Lincoln Highway, was identified in the EDR report as having a LUST, an archive UST, and a RCRA-VSQG. In 1997, soil was contaminated as a result of a gasoline and used motor oil release. Cleanup was completed on September 25, 2002. There are two archive

USTs that were both closed without a permit. One tank was a 2,000-gallon gasoline tank and the other was a 1,000-gallon new motor oil (NMO) tank. The property is a conditionally exempt hazardous waste generator of an undefined substance, ignitable waste, lead, and tetrachloroethylene. A compliance evaluation inspection on-site found no violations. This property sits on UfuB soils; information on the depth to the water table is not provided by the Web Soil Survey. This property is located approximately 1.5 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows south/southeast away from the AOI. Therefore, this property is not a concern for the project.

- Cameron-Saba Tract, with addresses recorded at US Route 1 and Business Route 1 in Lower Parkland, PA and 2011 W Lincoln Highway in Langhorne, PA, were identified in the EDR report as being on the PA State Hazardous Waste Cleanup Act Site (SHWS) list and on the SEMS-archive. This site is not on the NPL and does not qualify for the NPL based on existing information. This property sits on Urban land-Chester complex (UkD) and UIB soils where depth to the water table is more than 80 inches. This property is located approximately 0.20 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows south/southeast away from the AOI. Therefore, this property is not considered a concern for the project.
- Reliable Oil Service, located at 522 Rosewood Avenue, was identified in the EDR report as a RCRA NonGen/NLR site. There is no defined hazardous waste summary. This facility has received notices of violation listed as “Generators – General” but appears to continue to comply since 2000. No additional records indicating a product spill or contamination were reported. This property sits on UkB soils where depth to the water table is more than 80 inches. The property is located approximately 0.25 miles north of the AOI and sits at approximately the same elevation than the AOI. Groundwater generally flows northwest away from the AOI. Therefore, this property is not a concern for the project.
- Neshaminy Auto Painting and Bodyworks/Frank Bash Engines, located at 1907 W Lincoln Highway, was identified in the EDR report as a RCRA NonGen/NLR and RCRA-VSQQ site. The property is conditionally exempt, and the hazardous waste summary includes an undefined waste, ignitable waste, and corrosive waste. This facility has not received notice of violations and generators were evaluated by a compliance evaluation inspection on-site. This property sits on UkD soils where depth to the water table is more than 80 inches. The property is located approximately 0.25 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows south away from the AOI. Therefore, this property is not a concern for the project.

- Moranick Residence, located at 178 S Hawthorne Avenue, was identified in the EDR report as being a PA VCP site. Remediation of soil contaminated with Fuel Oil No. 2 was completed according to the Statewide Health Standard and was approved on January 28, 2010. This property sits on UkB soils where depth to the water table is more than 80 inches. The site is located downgradient of SR 0001, approximately 0.50 miles north of the AOI. Groundwater generally flows west away from the AOI. Therefore, this property is not a concern for the project.
- The Herald Products Property, located at 10 Lincoln Avenue in Penndel, was identified in the EDR report as being on the Pennsylvania State Hazardous Waste Cleanup Act Site (PA SHWS) List. Based on information provided, it appears that soil may have been contaminated and the response action included a HSFI-Hazardous Sites Cleanup (HSCA) Further Investigation – Site Study. This property sits on UfuB soils; information on the depth to the water table is not provided by the Web Soil Survey. This property is approximately 0.50 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows east away from the AOI. Therefore, this property is not considered a concern for the project.
- Trans America Printing, located at 2030 Old Lincoln Highway, was identified in the EDR report as a RCRA-VSQQ that is conditionally exempt. The hazardous waste summary includes silver. The EDR report mistakenly locates this property within the AOI; however, a google search of the address determined that no such address of 2030 Old Lincoln Highway exists within the AOI; this was confirmed during a field walk. Therefore, this property is not considered a concern for the project.
- The Mobil Oil Corp SS# FPG, located on Route 1 and Hulmeville Road, was identified in the EDR report as a RCRA-Small Quantity Generator (SQG). The hazardous waste summary identifies an undefined waste, ignitable waste, and lead. This property sits on UfuB soils; information on the depth to the water table is not provided by the Web Soil Survey. This property is located along Business Route 1 and Hulmeville Road in Penndel and is approximately 0.13 miles south of the AOI and sits at a lower elevation than the AOI. Groundwater generally flows southeast. Therefore, this property is not a concern for the project.

Three “orphan” sites – those with inadequate address information for mapping – were listed in the database. Those three sites include the following:

- Summit Clnr/Middletown Township – PA AIRS, PA Drycleaners
- Bensalem Park Site – SEMS-Archive

- Lamberts Hill – NJ VCP

Based on knowledge of the AOI and surrounding properties, these sites were ruled out as being located in or immediately adjacent to the AOI, therefore, they are not considered a concern for the project.

Topographic Maps

Topographic maps of SR 0001 (Lincoln Highway), the AOI, and surrounding areas were obtained as part of the EDR report package and were reviewed to determine historical land use and development, and changes in land use within the project area and the nearby properties. Included were topographic maps from 1890 to 2013 (**Appendix C**). Observations regarding changes in land use are summarized in Table 1 below.

Table 1: Land Use Observations (Topographic Maps)

YEAR	LAND USE OBSERVATIONS
1890	In 1890, SR 0001 and several of its intersecting roads did not exist. Within the north section (all areas north of Parkvale Avenue) of the AOI in all the quadrants of the map is the town of Langhorne. Surrounding the project area in the northeast quadrant is a stream, railroad track labeled 'W York Division Philadelphia and Reading', and the town of Glenlake. In the southeast quadrant is the continuation of the stream from the northeast quadrant and the town of Eden (P.O.). The railroad track continues through the southeast and southwest quadrants of the map. In the southwest quadrant is also the town of Parkland and another unnamed stream. In the northwest quadrant of the map is a bit more development compared to the rest of the map and a creek. In the south section (all areas south of Parkvale Avenue) are the town of Langhorne to the northeast of the project area and the town of Parkland to the southeast of the project area. SR 0001 is not yet an established roadway on this map, although Old Lincoln Highway is depicted in a portion of the AOI. A few dwellings are depicted throughout the map, however, the area surrounding the project area is relatively undeveloped. An unnamed river flows along the west side of the project area. The New York Division railroad tracks run along the south side of the project area.
1893	Within and surrounding the AOI there are no significant differences between the 1890 and 1893 topographic maps.
1904	The northern section of the AOI has not changed significantly other than a slight change in the roadway configuration of Langhorne. Also, the town of Langhorne is now split up as Langhorne and Langhorne Manor. Beyond the AOI, a new set of railroad tracks appear across the northeast and

	northwest quadrants of the map running east to west. The Langhorne Train Station appears in the southeast quadrant along the railroad tracks. The southern section of the AOI has not changed significantly compared to the 1893 map. The town of Neshaminy now appears to the north of the project area. A new set of unlabeled railroad tracks also run along the north portion of the map. The small town of Parkland appears to have begun developing and small roads are now visible on the 1904 topographic map. Overall, the surrounding area shows an increase in development as well.
1906, 1907	Within and surrounding the project area there are no significant differences between the 1904 and 1906 topographic maps.
1942	The 1942 topographic map for the north section depicts a lot more detail compared to the previous maps. Overall, there is a significant increase in development in and around the project area. More roadways are developed at this point in time including a portion of the RC3 mainline. The south section is also much more detailed than the previous maps and depicts a large amount of development in the area surrounding the project area. The town of Langhorne is also more heavily developed in comparison to previous maps. SR 0001 appears to be labeled as SR 432 and is depicted as a 4-lane highway and can be seen running through the AOI.
1944	The north section of the AOI shows that the RC3 mainline is now clearly defined and labeled as a 4-lane highway. The St. Mary's Manor School and the Marydel School are depicted to the southeast of the project area. Middletown School is to the immediate northeast of the project area. The south section of the AOI shows Neshaminy Creek running along the west side of the project area. The towns of Parkland, Langhorne, and Janney appear to be completely established towns. SR 0001 is also depicted as a fully established roadway now labeled as Route 1 (Lincoln Highway). The SR 432 designation has been assigned to (current) Old Lincoln Highway.
1947	Within and surrounding the AOI there are no significant differences between the 1944 and 1947 topographic maps.
1953, 1966	In the north section, Middletown is now labeled as a township on the map. There is also a slight increase in development throughout the entire map. In the south section there is an overall increase in development throughout the entire map, especially in the southwest portion near Bensalem and Oakford. Additionally, an increase in development can be seen to the north of the project area which is now labeled as Langhorne Terrace. Our Lady of Grace Cemetery and Neshaminy High School have established immediately north of the project area along SR 0001.
1973	In the north section of the map, there is an overall increase in

	development. More specifically, the continuation of SR 0001 northbound and on/off ramps appear. A highway labeled I-95, is developed to the east of SR 0001 and runs parallel. In the south section of the map there is a general increase in development.
1993	In the north section, there is a general increase in development. Many large structures, possibly warehouses or other commercial/industrial buildings, are now depicted to the northeast of the AOI. In the south section, there are no significant differences between the 1973 and 1993 topographic maps.
2013	In general, the maps have changed their look. Overall, there are no significant differences between the 1993 and 2013 topographic maps.

Aerial Photographs

Aerial photographs of SR 0001 (Lincoln Highway), the AOI, and the surrounding properties were obtained as part of the EDR report package and were reviewed to determine historical land use and development, and changes in land use within the project area and the surrounding areas. EDR provided aerial photographs from 1938 to 2017 (**Appendix D**). Observations regarding changes in land use are summarized in Table 2 below.

Table 2: Land Use Observations (Aerial Photographs)

YEAR	LAND USE OBSERVATIONS
1938	In the 1938 photograph, SR 0001 is already present and is bordered by a combination of development (including Langhorne Borough) and open fields. The south section is mostly surrounded by fields, and the northern section is more developed.
1945	The northern most portion of the AOI is not covered by the 1945 photograph. The only notable difference in the 1945 photograph is the start of a quarry immediately adjacent to the AOI in the southern most section of the AOI.
1951, 1953	Throughout the entire AOI, there are no significant differences between the 1945 aerial photograph and the 1951 and 1953 aerial photographs, except that construction of Our Lady of Grace Cemetery has begun by 1951.
1965	There is an overall slight increase in development in and surrounding the northern section of the AOI, including buildings that are now associated with the Woods School at the northern extent of the project (south side of AOI). In the south section of the AOI, there is a significant increase in development, specifically immediately outside of the AOI, including at Our Lady of Grace Cemetery and Delaware

	Quarries Inc Langhorne Stone.
1969	In the north section of the AOI, the West Interchange Road, Pine Street, and Corn Crib Lane overpasses are constructed and evident in this photograph. In the south section, the only notable differences between the 1965 and 1969 aerial photographs are the construction of Neshaminy High School and Highland Avenue under SR 0001.
1971, 1975	In the north section, there are no significant differences in the 1971 and 1975 aerial photographs, other than additional construction of buildings now associated with the Woods School at the northern extent of the project (north side of AOI). The southern extent of the AOI is not depicted in the 1971 photograph. The rest of the image displays no significant differences from the 1969 aerial photograph other than continued residential development immediately adjacent to the AOI.
1984/1985	Besides image quality, there are no significant differences between the 1971, 1975, and 1984/1985 aerial photographs, other than continued residential development along the southern side of SR 0001.
1988/1989, 1991, 1995, 1999, 2005, 2010, 2013, and 2017	Besides a general increase in development throughout the photograph, there are no significant differences between the 1985, 1988/1989, 1991, 1995, 2005, 2010, 2013, and 2017 aerial photographs. It appears the property associated with Delaware Quarries Inc. Langhorne Stone expanded along SR 0001 northbound to the south although the area used for active rock extraction appeared to decrease starting in 2005.

Sanborn Maps

According to EDR, historical fire insurance maps (Sanborn Maps) were available from 1924 to 1950. **Appendix E** includes the Certified Sanborn® Map Report with the corresponding Sanborn maps, but only for portions of the AOI. In addition, although parcel boundaries appear to be drawn in portions of the AOI—such as Langhorne Borough—no details about structures, land use, etc. are depicted on the Sanborns. Observations regarding changes in land use are summarized in Table 3 below:

Table 3: Land Use Observations (Sanborn Maps)

YEAR	LAND USE OBSERVATIONS
1924	According to the 1924 Sanborn map, the roadway that is currently SR 0001 did not exist. The study area appears to be set up like a town without the now major road running directly through it. The majority of the project area appears to be within Middletown Township. Roads such as Bellevue Avenue

	and Hulmeville Avenue do exist at this time. The main road that runs partially through the APE is Central Avenue. The remainder of the project area and its surroundings consists of dwellings, churches, schools, and other businesses but does not appear to be developed at this time.
1943	Present day SR 0001 appears in this Sanborn map as the 'Philadelphia-Trenton Highway'. There are some additional dwellings and a slight increase in development overall within the "central" part of the AOI around Bellevue Avenue. At the corner of Bellevue Avenue, where the present day Picernos Conoco gas station is located (452 S Bellevue Avenue), there are three gas tanks. The southwestern most portion of the AOI appears to be more developed as well in comparison to the 1924 Sanborn Map. There are more dwellings present between Hulmeville and Park Avenue.
1950	There is a slight increase in development within and surrounding the project area. Additionally, there is an auto repair center along North Street immediately adjacent to the service (frontage) road. Otherwise, there are no major differences between the 1943 and the 1950 Sanborn maps.

PADEP File Review and Information Obtained From Other Sources

A request for a file review was sent to the Pennsylvania Department of Environmental Protection (PADEP) Southeast Regional Office on May 17, 2021, for the following properties:

- Neshaminy School District Bus Garage – 2001 Old Lincoln Highway
- Pump Station 4A – 2002 W Old Lincoln Highway
- Delaware Valley Landscape Langhorne Quarry – 1868 Super Highway
- Our Lady of Grace Cemetery – 1215 Super Highway
- Picernos Gas – 452 S Bellevue Avenue
- Woods School Medical Center – 40 Martin Gross Drive
- Mobil Oil Corp SS# FPG – Route 1 & Hulmeville Road
- Schardinger Residence – 531 S Bellevue Avenue
- Rollins Enterprises Inc. – Super Highway & Bellevue Avenue
- 1115 W Gillam Avenue
- KLEENCO – 148 Flowers Avenue
- 335 S Bellevue Avenue Property
- Brinig Residence – 351 Station Avenue
- Langhorne Lead Site – 330 S. Bellevue Avenue
- WaWa 227 – 2250 Lincoln Highway
- Mike Piazza Collision Center Langhorne – 1872 Lincoln Highway
- Trans America Printing – 2030 Old Lincoln Highway

General files from the waste management program, water quality program, and environmental cleanup program storage tank section were requested.

Based on sites identified in the EDR Report and other resources, these properties were included in the file request due to their proximity to the project area and the potential for environmental incidents at these locations.

Due to the COVID-19 pandemic, file review procedures were altered, resulting in longer processing times for the files to be researched by the PADEP, to then be made available for SCI's review. The PADEP provided SCI with information pertaining to which properties they have files for (**Appendix H**); however, correspondence from the PADEP indicates that the files cannot be reviewed until the PADEP offices reopen for public review. An addendum to this report will be prepared once files can be reviewed.

Receipts for properties that the PADEP has files for were obtained via email. The following list includes properties DEP sent request receipts for and the programs for which files are available from.

- Neshaminy School District – 2001 Old Lincoln Highway – Air Quality, Environmental Cleanup Program
- Pump Station 4A – 2002 W Old Lincoln Highway – Environmental Cleanup Program
- Langhorne Stone Quarry – 1868 West Super Highway – Air Quality
- Medical Center at Woods Svcs – 40 Martin Gross Drive – Radiation Protection
- Artcraft Machine Co. – 1115 W Gillam Avenue – Waste Management
- Picernos Gas – 452 S Bellevue Avenue – Environmental Cleanup Program
- 335 South Bellevue Avenue – Environmental Cleanup Program
- Mobil Oil 15 Dak (WaWa 277) – 2250 Lincoln Highway – Environmental Cleanup Program
- WaWa 277 – 2250 Lincoln Highway – Environmental Cleanup Program
- Gimpel Development (Mike Piazza Collision Center Langhorne) – 1872 E Old Lincoln Highway – Environmental Cleanup Program

The following receipts and properties are not considered a concern for the project because of their distance from the AOI.

- Neshaminy School District Bus Garage (2001 Old Lincoln Highway): This property is located approximately 0.17 miles north of the AOI and sits at a higher elevation than the AOI. However, groundwater generally flows west/southwest away from the AOI.

- Woods School Medical Center (40 Martin Gross Drive): This property is located approximately 0.5 miles northeast of the AOI and sits at a slightly higher elevation than the AOI. However, groundwater generally flows east away from the AOI. In addition, the files available from PADEP are from the radiation protection program, likely regarding activities associated with X-rays. It is unlikely that these files will identify any incidents that resulted in soil or groundwater contamination.
- 335 S Bellevue Avenue Property: This property is located approximately 0.12 miles north and west of the AOI and sits at a slightly higher elevation than the AOI. Although groundwater generally flows south towards the AOI, it is not considered a concern due to the distance to the AOI.
- WaWa 227/Mobil Oil 15 Dak (2250 Lincoln Highway): This property is located approximately 2.75 miles from the AOI and sits at a lower elevation than the AOI.
- Mike Piazza Collision Center Langhorne/Gimpel Development (1872 Lincoln Highway): This property is approximately 1.2 miles east of the AOI and sits at a lower elevation than the AOI.

The US EPA EnviroMapper tool identified three sites within the AOI including:

- Trans America Printing – 2030 Old Lincoln Highway
- Delaware Valley Landscape Langhorne Quarry – 2001 W Lincoln Highway
- Wreck and Mended Auto Body – 1872 Old Lincoln Highway

No additional information about the three properties mentioned above was provided through EnviroMapper. It should be noted that the addresses of Wreck and Mended Auto Body and Trans America Printing are located outside of the AOI and appear to be mis-located on the EnviroMapper website. The address for the Delaware Valley Landscape Langhorne Quarry is located along Business Route 1 and is approximately 0.24 miles outside of the AOI. Therefore, the three sites listed above are not a concern for the project.

The PADEP eFacts, PADEP Environmental Site Assessment Search Tool, and PADEP Activity and Use Limitations Registry (AUL) websites were also reviewed. No additional sites were identified in these respective databases.

As-Built Plans

As-built plans from when improvements to SR 0001 were completed in the 1960s were provided to SCI for review. Properties relevant to the project and AOI that were noted

on the plans are described below. Sheets from the as-built plans depicting these properties are included in **Appendix J**.

- Sheet 19 of 68 depicts a stone building between existing SR 0001 and Old Lincoln Highway. This building is located in the vicinity of where EDR maps Trans America Printing. Between 1953 and 1965, this building was removed in order to construct a connector between the SR 0001 service (frontage) road and Old Lincoln Highway. Since EDR records for Trans America Printing are dated 1996, it was determined that this building is not related to Trans America Printing.
- Sheet 20 of 68 depicts a gas station on the corner of Park Avenue and SR 0001 adjacent to the Flooring Doctor business. Based on plans and aerial imagery, it appears this gas station was removed some time between 1965 and 1969 and Park Avenue was realigned through the property.
- Sheet 23 of 68 depicts a cemetery grave line at Our Lady of Grace Cemetery. Compared to current aerial photographs, the grave line matches the location of current access roads within the cemetery along the front edge of burial plots.
- Sheet 26 of 68 depicts a gas station located between North Street and SR 0001. According to historical aerial photographs, the gas station was located just outside the AOI and was removed between 1965 and 1969.
- Sheet 29 of 68 depicts Picernos Conoco gas station in the same location as it is today on the corner of the intersection of Bellevue Avenue and SR 0001. It appears that prior to the construction of the service (frontage) road, gas pumps and a service station building were located within the AOI. The gas pumps were removed for the construction of the service (frontage) road and as SR 0001 was expanded and realigned, the service station building was demolished, and the property was rebuilt to its current layout between 1965 and 1969. USTs are currently located outside of the AOI, in the back part of the parking lot. Information obtained from EDR indicate the LUST occurred sometime between 1994 and 2005 when structures were located in their current layout.

3.3 INTERVIEWS

Interviews with persons knowledgeable of the particular properties of interest along SR 0001 (Lincoln Highway) RC3 mainline corridor were attempted during the investigation. Interviews with homeowners whose properties are expected to be impacted were conducted during site reconnaissance on July 7, 2021. Owners who were not available during the site visit were emailed questionnaires. The questionnaires that were received are summarized below and included in **Appendix I**.

Follow-up phone calls were made, and phone interviews were conducted with persons who were unavailable during the time of the site visit.

- An interview with Jeff Diorio, an employee at Delaware Quarries Inc., was conducted during site reconnaissance on June 22, 2021. Delaware Quarries Inc. is located in the southern most portion of the AOI on the northbound side of the divided highway (SR 0001). Jeff explained that as far as he knows the founder/owner of the business built the business on the property. He doesn't believe the property was ever a WaWa as the EDR report noted. Mr. Diorio explained there was nothing else he was aware of that would be of concern. A follow up call to the owners of the Delaware Quarries Inc. was attempted on June 28, 2021, to confirm this information. To date, the owner of Delaware Quarries Inc. has not replied.
- An interview was conducted with Ana Picerno, the wife of the owner of the Picerno Conoco gas station, during site reconnaissance on June 23, 2021. The gas station is located along the southbound side of SR 0001 at the corner of Bellevue Avenue and the service (frontage) road. Ms. Picerno explained the monitoring wells on-site are for precautionary measure and no spills or leaks have occurred. She also said the wells were recently inspected and were cleared. She said her husband would be able to give more information, but he was not there. A follow-up phone call to Mr. Picerno was attempted on June 28, 2021; to date no response has been received.
- An interview was conducted with Paul Shanahan who is the owner of Rollins Enterprises (currently Foster Mower Services) and the properties located at 501 and 507 S Bellevue Avenue. Mr. Shanahan explained he has had the business since 1978. The drums on site are used for transferring waste oil; he explained that waste oil is stored in the drums until someone comes and picks them up to dispose off-site. Mr. Shanahan also explained that multiple houses in that vicinity were built prior to 1983 and had cess pools for wastewater disposal. He explained that all of the cess pools have since been closed and filled in in 1983 and are no longer used. Mr. Shanahan is not aware of any issues or spills. All of the properties he owns on S Bellevue Avenue use gas and have gas meters outside.
- Mary Wilcox was interviewed during site reconnaissance on July 7, 2021. The Wilcox residence is located at 143 Central Avenue. Ms. Wilcox explained that they built their house approximately 20 years ago. Prior to being a residence, the property was undeveloped forested land. She has no awareness of any issues or spills on the property. The home has a heating oil tank in the basement with a concrete floor. They have a sump pump that drains to the backyard. One large

propane tank was observed behind the house, likely used for a fireplace inside. Ms. Wilcox would not allow us to enter the residence.

- An interview was conducted with Ronald Kerr who resides at 140 Central Avenue. His house was built in 1958 and he has lived there since 2012. He has a heating oil tank in the basement. The basement has a concrete floor with a drain that leads to the sewer. There is a sump pump in the basement that drains into the old, filled in cess pool area behind his property. Mr. Kerr would not allow us to enter his home.
- An interview was conducted with Madhumalti Mawal Dewan who resides at 141 Central Avenue. She explained her house was approximately 18 years old and prior to being a residence the property was undeveloped land. The house has a sump pump in the basement that has a battery backup and drains to the backyard. She also stated that a heating oil tank is located in the basement.
- An interview was conducted with Mike Amrhein, the owner of 142 Central Avenue. He explained that to the best of his knowledge there have been no environmental incidents on site. He showed us the basement area where there is a sump pump that drains to the front yard and a heating oil tank. The attached garage contains small, non-commercial containers of oil, gasoline, paint, and spray paint. There is a shed behind the residence that contains typical outdoor supplies including shovels, brooms, etc. Mr. Amrhein explained that the propane tank located on the side of their house is used for their fireplace inside the house.
- An interview was conducted on July 9, 2021, over the phone with Kevin Skeels, the point of contact for Langhorne Presbyterian Church, located at 125 E Gillam Avenue. Mr. Skeels is on the board of trustees and explained that there are no environmental concerns or hazards on the church property. When asked about the small building across Gillam Avenue from the church, Mr. Skeels explained that the building is a cabin that has one electrical line running to it. There are no waste, water, or gas pipes attached. It has recently been used as a meeting place for a Boy Scout troop but is basically shut down and is planned to be demolished in the next two to three months. The building and foundation will be removed.
- Jeffrey and Michelle Orleski reside at 136 Central Avenue. The Orleskis were not home on the day of the site reconnaissance and provided information via a questionnaire. The current and historic uses of their property is residential. No fill has been brought onto their property and the property's water and sewer is supplied by the BCWSA. No septic tanks or drains are on the property, but there are two sump pumps in the basement that drain to the yard. There are two tanks in the basement of the property that are approximately 100–125 gallon heating

oil tanks. The owners are not aware of any other environmental concerns on their property.

- Margaret Eienkel resides at 514 S Pine Street. Margaret's daughter, Erica Bose, provided information via a questionnaire. The current and historic uses of the property is private residence. Ms. Bose is unsure of any fill being brought onto the property. The residence is served by public water and sewer and she is unsure if there was ever any other source of septic in the past (i.e. septic tank). Ms. Bose is unaware of any other environmental concerns on her property.
- A message was left for Elaine Ritter, located at 500 S Bellevue Avenue, on July 1, 2021. To date, Ms. Ritter has not replied.
- Denise, an employee in the maintenance facility for the Woods School, was contacted on June 28, 2021. She verified that there is a tank on-site associated with the fuel pump but was unsure whether it was an AST or UST. No above ground storage tanks were observed within the vicinity of the fuel pump, so the tank is likely underground.

Attempts were made to contact other property owners in the area, but to date, no return calls have been received. An email was sent to Stephanie Teoli Kuhls, the Middletown Township Manager and to James McGuire, Middletown Township Fire Marshall and Emergency Manager, with a brief description of the information being requested, an attached project location map, and a questionnaire. To date, no responses have been received. A contact log is included in **Appendix I**.

3.4 GROUNDWATER INFORMATION

Groundwater information provided by Web Soil Survey and the EDR Lightbox Groundwater Tool and Aquiflow layers were reviewed.

EDR's Aquiflow layer provided information at one location within the vicinity of the AOI; this location is Delaware Quarries Inc. Langhorne Stone, located at 1868 Super Highway. Aquiflow indicates that groundwater at the property flows to the southeast and water depth ranges between 18.96 (shallow) and 21.21 (deep); measurement units are not specified but are assumed to be inches.

Web Soil Survey provided depth to the water table of each soil type. Sites called out in this report and their associated soil types have an estimated groundwater depth. It is important to note these are approximate values and/or ranges based on the soil type in that general area. Depth to the water table can vary at specific locations throughout the project area.

3.5 DATA GAPS

The background documents—topographic maps, aerial photographs, and database and file search—obtained for this Phase I ESA are not considered to be sufficient and data gaps include an incomplete file review, requiring further investigation once those documents are available. This report is being submitted without a complete file review with the Pennsylvania Department of Environmental Protection (PADEP). An addendum will be submitted when this information is obtained.

4.0 SITE RECONNAISSANCE

A field view of the SR 0001 (Lincoln Highway) Section RC3 AOI was conducted on June 22nd and 23rd, 2021 by SCI personnel. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property. This site visit included an investigation within the AOI not including residences that are anticipated to be taken. An additional site visit was conducted on July 7, 2021, to investigate residences along Central Avenue that are anticipated to be taken during the project based on the current plans. Photographs of the corridor, at the time of the site visit, are provided in **Appendix G**.

Methodology and Limiting Conditions

The site visit is limited to visual and/or physical observation of the areas surrounding the AOI, the past and current uses of the land and properties within the AOI, and the current condition of the AOI. The intent was to evaluate the corridor and adjoining properties for potentially hazardous materials/waste and petroleum product use, storage, disposal, or accidental release, including the following: presence of tank and drum storage; mechanical or electrical equipment likely to contain liquids; evidence of soil or pavement staining or stressed vegetation; ponds, pits lagoons, or sumps; suspicious odors; fill and depressions; or any other condition indicative of potential contamination. The site visit did not evaluate the on-site subsurface conditions, the presence of asbestos-containing materials (ACM), radon, lead-based paint (LBP), mold, indoor air quality, or structural defects, or other non-scope items.

Walkthrough Observations

On June 22nd and 23rd, 2021, SCI officials conducted a detailed site reconnaissance of the SR 0001 (Lincoln Highway) RC3 Mainline corridor in Middletown Township, Langhorne and Langhorne Manor Boroughs, Bucks County, Pennsylvania. All accessible portions of the property were walked through, along with a visual inspection of the undeveloped areas of the properties. On July 7, 2021, attempts were made at multiple residences to do a walk-through investigation of both the interior and exterior of the properties. Those properties included residences at the following addresses: 136, 140, 141, 142 and

143 Central Avenue, 514 S Pine Street, and 500 S Bellevue Avenue. The results of the site reconnaissance are summarized below.

The RC3 mainline corridor AOI included SR 0001 northbound and southbound and the parallel single-lane service (frontage) roads on both sides of the road. The extent of the AOI starts immediately before the Delaware Quarries Inc. property, located at 1868 Super Highway, on the northbound side of SR 0001 and extends to approximately 850 feet beyond the Corn Crib Lane overpass. A segment of Old Lincoln Highway was also investigated near the Neshaminy High School as well as stretches of West Interchange Road and S Pine Street.

A majority of the AOI consisted of existing roadway and the adjacent 20 to 50 feet off the edge of roadway, which usually consisted of residential lawns or tree lines with occasional commercial properties. In some areas where the current project design proposes an interchange, intersection improvements, or bridge work, the AOI extends further but is still dominated by either residential properties or undeveloped parcels. Overall, the conditions within the AOI are generally unremarkable, except as noted below.

Storage Tanks (Petroleum Products)

The Woods School Property has a station for bus parking and fill up. An underground diesel fuel tank of unknown size exists on-site. This tank is located on the Woods School property near Corn Crib Lane but is located immediately outside of the AOI. Verification was received by a Woods School maintenance employee that a tank is on-site associated with the fuel pump.

Propane tanks were also located at multiple residences along Central and S Bellevue Avenue in the area anticipated to be impacted, including 142 Central Avenue, 143 Central Avenue, and 514 S Pine Street.

Waste Generation, Handling, Storage, and Disposal

General roadside trash and litter were observed throughout the entire AOI.

Groundwater/Surface Water

An unnamed tributary (UNT) to Neshaminy Creek was located within the AOI in multiple areas. The UNT is not mapped but was identified during site reconnaissance. The stream flowed from north to south under SR 0001 in between Hulmeville Road and West Interchange Road. A second stream was observed along Pine Street and the Woods School property. The two streams mentioned were the main waterways noted during site reconnaissance, however, other channels could be potentially identified through wetland delineation.

No wells used for drinking were observed within the AOI and property owners that were interviewed explained that their properties are served by public water. No pits, ponds, lagoons, or discolored water were observed within the AOI. Although Mr. Kerr and Mr. Shanahan stated that their properties had historically been served by cess pools that have since been filled in, SCI staff was not able to confirm the location of these cess pools.

Monitoring wells were observed at Picernos Conoco gas station parking lot but are outside of the AOI.

Stormwater

Multiple stormwater features including storm drains, stormwater managements basins, and stormwater inlets/outlets were noted throughout the projects AOI. Ultimately, stormwater in this area flows south/southwest toward Neshaminy Creek.

Drums/Containers

On the Woods School property is a maintenance type facility. On the property were three large dumpsters. Lying next to the dumpsters were seven 5-gallon diesel fuel containers, two 2.5-gallon gas containers, and three 5-gallon gas containers. Most of the containers were empty and are most likely used to supply equipment with fuel for operation. An empty, upside-down 55-gallon plastic drum was also observed next to the large containers. A plastic, portable diesel pump was noted next to the large containers. The containers and drum appeared to be in generally good condition and no signs of stained vegetation or soil, which would indicate product releases and spills, were observed.

Paints/Lubricants/Chemicals

The residences that were investigated during site reconnaissance on July 7, 2021, all had consumer-sized containers of paint, spray paint, containers of oil, and weed killers. Overall, no commercial-sized containers of paints, herbicides, cleaners, chemicals, or any of these products were observed within the AOI.

Within an electric substation on the Woods School property, there were eight 5-gallon buckets labeled 15W-40 oil. No signs of stained vegetation or soils, which would indicate product release or spills, were observed.

Stained Soil/Distressed Vegetation/Odors

Within the AOI, there was no stained soil, distressed vegetation, or odors present along SR 0001 at the time of site reconnaissance.

Transformers

Multiple pole-mounted transformers were noted within the AOI. All were in good condition.

During site reconnaissance, on the Woods School property, an un-mounted transformer was observed on the ground next to a fence. The transformer was in good condition and did not appear to be connected to anything.

Generators

During site reconnaissance, five large generators were observed on the Woods School Property within the AOI for the project. The generators were located near the overpass of Pine Street and SR 0001 in a fenced in area.

Residential generators were observed at multiple properties within and around the AOI. Properties inside the AOI that were observed to have generators on their properties include 500 S Bellevue Avenue and 514 S Pine Street.

No additional generators were observed within the AOI during the time of the site visit.

Pools of Liquid

During site reconnaissance, no pools of water or any other liquids were observed within the AOI.

Fill

A small area, approximately 12 feet by 3 feet in length and 2 feet high, of fill material was observed within a wooded area on the Woods School property. The fill material consisted of rocks possibly left over from previous construction.

Other Structures within the AOI

Two electric/utility substations were observed within the AOI. One was noted on the Woods School property within the same fenced area that the five large generators were observed. A small building was located within the fenced substation and was inaccessible during the field walk. The other substation was observed at the dead end of Central Avenue adjacent to the BCWSA substation and is owned by AT&T.

A BCWSA substation was observed at the dead end of Central Avenue adjacent to the utility substation.

An additional structure was identified across from the Langhorne Presbyterian Church located at 125 E Gilliam Avenue. The structure appeared vacant and had a brick chimney and another vent pipe on the outside likely from a heating stove.

Adjacent properties

Two BCWSA Stations were observed outside of the AOI. The main BCWSA facility is located immediately outside of the AOI near the Old Lincoln Highway entrance from SR 0001 in the southern part of the AOI. The BCWSA substation was located along Old

Lincoln Highway, approximately 275 feet north of the intersection of Old Lincoln Highway and Fairhill Avenue.

The Langhorne Stone Quarry, located at 1868 Super Highway, is located immediately adjacent to the AOI. The northern edge of the property is inside the AOI while the quarry itself is immediately outside of the AOI. Aerial imagery depicts a large, active quarry operation between 1945 and 1999. Around 2005, quarry operations appeared to decrease in size and a majority of the property was converted to parking and stone storage. The most recent aerial image provided by Google Earth is dated October 2020 and depicts a 2.3-acre depression area located approximately 144 feet south of SR 0001 that appears to contain piles of rock or stone. Multiple attempts were made to speak with an employee of the quarry to confirm whether or not the quarry is active and if they utilize groundwater from nearby locations; however, no responses have been received to date.

Our Lady of Grace Cemetery, located at 1215 Super Highway, is immediately adjacent to the AOI. The closest gravesites are approximately 27 feet to the edge of the AOI and almost 40 feet to the edge of the service (frontage) road and most headstones indicated that burials in this area of the cemetery occurred starting in the early 2000s.

The Picernos Conoco gas station, located at 452 S Bellevue Avenue, has USTs containing petroleum products. Monitoring wells were observed on-site. The tanks on the gas station property are located immediately outside of the project area. There is a locked container on-site that has multiple propane tanks, which are outside the AOI.

Foster Mower Services, Inc., located on the corner of Super Highway and Bellevue Avenue, has a fenced in area on the property that holds multiple pieces of small, motorized equipment such as lawnmowers. At least four 55-gallon metal drums were on-site, which are used for transferring waste oil. The containers and drum appeared to be in generally good condition and no signs of stained vegetation or soil, which would indicate product releases and spills, were observed.

At 1812 Highland Avenue, an empty, rusted 55-gallon drum was lying in the yard. The drum was labeled Premium Hydraulic Fluid AW 46. No signs of stained vegetation or soils, which would indicate product release or spills, were observed. A propane tank was also observed in front of the home but is technically located beyond the AOI.

When accessible, a walkthrough of the houses and supporting structures (e.g., sheds) located within the area of impact along Central Avenue were conducted. SCI staff was able to complete walkthroughs of 141 Central Avenue and 142 Central Avenue. Overall, these properties presented as typical residential properties with no notable observations. Access to 136 Central Avenue, 140 Central Avenue, 143 Central Avenue,

514 S Pine Street, and 500 S Bellevue Avenue was either not available or not allowed by the property owners. When possible, general observations of the exterior were made; there were no notable observations as it pertains to this investigation.

The items discussed in this report are only items located within or immediately outside of the AOI. During site reconnaissance, other items were noted outside of the project area; if these observations posed a potential impact to the AOI or project, it is noted within this report.

5.0 INVESTIGATION RESULTS

The AOI consists of a 2.6-mile stretch of SR 0001 (Lincoln Highway), as well as a section of Old Lincoln Highway, West Interchange Road, and S Pine Street. The stretch of SR 0001 being investigated begins immediately before the Langhorne Stone Delaware Quarries Langhorne property, located at 1868 Super Highway, and extends north to approximately 850 feet beyond the Corn Crib Lane overpass (**Figure 1**). Historic documents including topographic maps and aerial photographs show the progression of development in this area, beginning from a mixture of farmland, commercial areas, and residences. Over the course of approximately 80 years this area has developed significantly. Background research and observations made during the site reconnaissance are evaluated to determine if potential areas of environmentally regulated substance releases, termed areas of concern (AOC) or recognized environmental conditions (REC), exist for this project area. Properties located at the following addresses will require further investigation when their corresponding files from the PADEP can be reviewed.

- 1868 Super Highway – Delaware Quarries Inc. Langhorne Stone
- 2002 W Old Lincoln Highway – Pump Station 4A
- 452 S Bellevue Avenue – Picernos Conoco Gas Station

If the following properties are to be taken, heating oil tanks will have to be removed from structures, an asbestos survey should be completed before structure demolition, and any structure that was constructed prior to 1978 should have a lead-based paint inspection completed.

- 136 Central Avenue
- 140 Central Avenue
- 141 Central Avenue
- 142 Central Avenue
- 143 Central Avenue

- 500 S Bellevue Avenue
- 514 S Pine Street

The sites that were investigated and identified in the report are summarized below (Figure 4).

Table 4: Potential Waste Site Inventory

Waste Site ID	Site/Location	Description
1	1868 Super Highway – Delaware Quarries Inc. Langhorne Stone	- According to the city directory provided by the EDR report, this business has been around since at least 1982. - A portion of this property is within the AOI although the quarry activities are located outside the AOI. The PADEP has provided evidence that files regarding air quality exist for this site which may require further investigation. - This location is identified by Web Soil Survey as Ub soils within the AOI, where depth to the water table is 12 to 36 inches. The remainder of the property, immediately outside of the AOI, are the soils Pits, quarry (Pr), and GrA where depth to the water table is 6 to 36 inches. - Quarry operations appear to have either significantly decreased since 2005 or ceased entirely. It could not be confirmed whether

		rock is still being extracted onsite. - No sites of concern (e.g., RECs or sites with past/current contaminated groundwater) were identified in the vicinity of the quarry that would lead to contaminated groundwater being potentially pulled through the AOI as a result of water drawn down at the quarry.
2	1732 Super Highway – Flooring Doctor	- Historically this site was the location of the Langhorne Speed Shop (1982-2010) and Griffith Electric Supply (2014). - This property is within the AOI. Based on the receipts received from the PADEP, this property does not have files. This property was not identified in the EDR report. - This property sits on top of Ub and UkB soils where depth to the water table is 12-36 inches and more than 80 inches, respectively.

3	1732 Super Highway (Adjacent)/Park Avenue - Former Gas Station	- As-built plans from the 1960s depict a former gas station adjacent to the property now occupied by Flooring Doctor. - The gas station was removed some time between 1965 and 1969 and Park Avenue was realigned through the property. - No information regarding tank closures or incidents resulting in contamination were discovered during this investigation. - A portion of the former gas station building was located within the AOI. - According to current design plans, the portion of Park Avenue that connects with SR 0001 may be minimally widened. - This property sits on top of Ub and UkB soils where depth to the water table is 12-36 inches and more than 80 inches, respectively.
4	1215 Super Highway – Our Lady of Grace Cemetery	- According to the city directory provided by EDR, this cemetery has been at this location since at least 1987. - This property was

		identified in the EDR report as having an archive 275-gallon gasoline UST closed without a permit. -The edge of the cemetery property is within the AOI, but the majority of the cemetery is immediately outside of the AOI. - Based on the receipts received from the PADEP, this property does not have files providing evidence of any environmental concerns in this area. - This property sits on top of CdA soils where depth to the water table is more than 80 inches.
5	452 S Bellevue Avenue – Picernos Conoco Gas Station	- This property was identified in the EDR report as having USTs and a LUST. - The property currently has two 6,000-gallon and one 8,000-gallon gasoline USTs that were installed in 1980. - There was one 1,000-gallon UST that was closed without a permit. - In 1994, a LUST impacted soil and groundwater. - A portion of this property is within the AOI. The PADEP has provided

		evidence that files concerning UST/environmental cleanup exist for this site which will require further investigation. -It appears that prior to the construction of the service (frontage) road, gas pumps and a service station building were located within the AOI. The gas pumps were removed for the construction of the service (frontage) road and as SR 0001 was expanded and realigned, the service station building was demolished, and the property was rebuilt to its current layout between 1965 and 1969. - According to the current design plans, within the AOI, there are no anticipated impacts to this property or to the section of the service (frontage) road in this location. - This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches.
6	507 S Bellevue Avenue – Foster Mower Services Inc. (Rollins Enterprises)	- This property was identified in the EDR report as a RCRA-NonGen/NLR

		site. - The hazardous waste summary includes undefined waste and ignitable waste. - Property is currently used to service lawn and other small engine equipment. - 55-gallon drums are on-site used for transferring waste oil. - This property is within the AOI. Based on the receipts received from the PADEP, this property does not have files providing evidence of any environmental concerns in this area. - This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches.
7	734 North Street (approximate) – historic auto repair shop	-The 1950 Sanborn map depicts an auto repair shop within the AOI while the 1965 aerial photograph depicts a large building immediately adjacent to the AOI. This building, presumably the auto repair shop, is no longer present on the property by 1965 and later aerial

		photographs show the area as vacant/becoming part of the service (frontage) road. -No information regarding tank closures or incidents resulting in contamination were discovered during this investigation. -According to current design plans, there are no anticipated impacts to the area where the historic auto repair shop was once located. - This property sits on top of UkB soils where depth to the water table is more than 80 inches.
8	531 S Bellevue Avenue – Schardinger Residence	-This property was identified in the EDR report as a site with an unregulated leaking tank containing fuel No. 2. -EDR records indicate that cleanup was completed. -The PADEP has provided evidence that files concerning special project remediation/environmental cleanup exist for this site which may require further investigation. -This property is not located within the AOI but is within 120 feet of the AOI.

		- This property sits on top of UkB soils where depth to the water table is more than 80 inches.
9	136 Central Avenue – Orleski Residence	- Historic aerial photographs indicate that the house may have been built in the 1960s. - Two sump pumps in the basement that drain to the yard. - Two heating oil tanks in the basement of the house that are approximately 100-125 gallons each. - This property is located within the AOI with potential impacts to structures proposed. - This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches.
10	140 Central Avenue – Kerr Residence	- House was built in 1958 - Heating oil tank in basement on concrete floor. - Floor drain in the basement that leads to sewer. - Sump pump that drains into the backyard.

		-This property is located within the AOI with potential impacts to structures proposed. - This property sits on top of UkB soil where depth to the water table is more than 80 inches and on UpB soils where depth to the water table is 6 to 36 inches.
11	141 Central Avenue – Dewan Residence	- House was built approximately 18-20 years ago. - Sump pump with a battery backup in the basement that leads to the yard. - Heating oil tank in the basement. -This property is located within the AOI with potential impacts to structures proposed. - This property sits on top of UpB soils where depth to the water table is 6 to 36 inches.
12	142 Central Avenue – Amrhein Residence	- House was built approximately 18 years ago. - Sump pump in basement that drains to the front yard

		- Propane tank on side of the house used for the fireplace inside. - Heating oil tank in basement - Small, non-commercial size containers of oil, gas, weed killers, paint, and spray paint in garage. - This property is located within the AOI with potential impacts to structures proposed. - This property sits on top of UpB soils where depth to the water table is 6 to 36 inches.
13	143 Central Avenue – Wilcox Residence	- House was built approximately 20 years ago. - Heating oil tank in basement on concrete floor. - Sump pump that drains to the backyard. - Propane tank behind house. - This property is located within the AOI with potential impacts to structures proposed.

		- This property sits on top of UpB soils where depth to the water table is 6 to 36 inches.
14	514 S Pine Street – Einkenkel Residence	-Historic aerial photographs indicate that the house was built sometime between 1953 and 1965. - Generac generator on the side of the house. - Vent pipe in front yard most likely associated with the BCWSA station at the end of Central Avenue, adjacent to this residence. -This property is located within the AOI with potential impacts to structures proposed. - This property sits on top of UpB soils where depth to the water table is 6 to 36 inches.
15	500 S Bellevue Avenue – Cotler Property	- Generac generator on the side of the house. -Historic aerial photographs indicate that the house may have been constructed as early as the 1930s. -No other information available for this property. - This property is located within the AOI with

		potential impacts to structures proposed. - This property sits on top of UpB soils where depth to the water table is 6 to 36 inches.
16	Routes 213 & 413 – The Woods School	- The PADEP has provided evidence that files concerning radiation protection exist for this site which will require further investigation. -A diesel fuel tank of unknown size used for fueling buses is located on the school property but is outside of the AOI. No records indicating leaks or spills have been discovered during this investigation. -Several empty small-sized containers (5 gallons or less) for gasoline and diesel fuel and an empty 55-gallon plastic drum were observed stored near the maintenance facility within the AOI. -A portion of this property is located within the AOI with potential impacts to the property proposed. - Within the AOI, the Woods School property sits on top of CdA, CbA, Lawrenceville silt loam

		(LkA), and CdB soils. The depth to the water table in CbA and LkA soils is 6 to 18 inches. Depth to the water table in CdA and CdB soils is more than 80 inches.
--	--	--

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this assessment, the information gathered during file reviews, interviews, and the site reconnaissance, and based on the proposed excavation associated with the construction activities, the recommendations are summarized below.

It is the opinion of the investigators, that RECs do exist for the project, however, no further action is required at this time, with a recommendation that additional investigation is warranted for several sites. There are currently data gaps in this investigation, including an incomplete file review, making this recommendation subject to change. The results of the file review could provide information that changes the conclusions and/or recommendations made in this report. Once files are available to review, an addendum to this report will be prepared. Additionally, if residences along Central Avenue and S Bellevue Avenue are to be taken it is recommended that all tanks be removed from the properties, an asbestos survey be completed, and any structures that were constructed prior to 1978 are inspected for lead-based paint. The recommendations should be re-evaluated if proposed engineering designs change, and as files are received from the Pennsylvania Department of Environmental Protection (PADEP).

The scope of this investigation did not include a survey for lead-based paint (LBP) and asbestos-containing (ACM) materials; however, it should be noted that, given the age of some of the structures, these materials may potentially be present in the building. If it is determined that LBP and ACM materials investigation for this project is needed, it will be completed under a separate task.

Table 5: Waste Site Recommendations

Waste Site ID	Site/Location	Potential Concerns	Recommendations
1	1868 Super Highway – Delaware Quarries Inc. Langhorne Stone	- None	- No further action is required at this time. - Files are available from the PADEP for this site. Once that information is reviewed, conclusions and recommendations may need to be revised via an addendum.
2	1732 Super Highway – Flooring Doctor	- None	- No further action is required. - Although within the AOI, after review of multiple databases, and having no files available from the PADEP, this property has no indications of environmental incidents and is not a concern for the project.

3	1732 Super Highway (Adjacent)/Park Avenue - Former Gas Station	-Historic gas station	- No further action is required. - Although no records regarding tank closures were found during this investigation, it appears that the building was removed in order to realign Park Avenue. Any tanks encountered during construction should have been removed at that time and, therefore, are not anticipated to effect the minimal roadway widening proposed in this area of the AOI.
4	1215 Super Highway – Our Lady of Grace Cemetery	- PA Archive UST that was closed without a permit. - Petroleum products	- No further action required. - Only a small portion of this site is located within the AOI. The cemetery and its headstones are relatively new and historical documents have no indication of environmental incidents. In addition, impacts to the cemetery property are not proposed, based on the current project design. Therefore, this property is not a concern for the project.
5	452 S Bellevue Avenue – Picernos Conoco Gas	- USTs and a LUST on site.	- This property is considered a REC for

	Station	- Current gasoline tanks on-site. - Known soil and groundwater contamination of gasoline. - Cleanup was completed. -Former gas pumps and a service station building located within the AOI.	the project. No further action is required at this time, however, once files from the PADEP are available and reviewed, the conclusions and/or recommendations may change. - Revisions to this report will be made via an addendum. - According to the current design plans, within the AOI, there are no anticipated impacts to this property or to the section of the service (frontage) road in this location.
6	507 S Bellevue Avenue – Foster Mower Services Inc. (Rollins Enterprises)	-RCRA-NonGen/NLR site with indications of undefined and ignitable waste present onsite. 55-gallon drums containing used waste oil.	- No further action is required. - Based on the review of available documents and databases, this property is not a concern for the project.
7	734 North Street (approximate) – historic auto repair shop	-Property formerly site of an auto repair shop circa 1950-1965.	-No further action is required. -Historic aerial photographs indicate that the building used as an auto repair shop was located

			immediately outside of the AOI. Current project design proposes using North Street to create an access road onto the existing service (frontage) road; impacts beyond existing North Street are not anticipated.
8	531 S Bellevue Avenue – Schardinger Residence	-Known leaking tank containing fuel No. 2. -Cleanup was completed.	- No further action is required. - Files are available from the PADEP for this site. Once that information is reviewed, conclusions and recommendations may need to be revised via an addendum.
9	136 Central Avenue – Orleski Residence	- Heating oil tanks and sump pumps are on the property. - Potential for ACMs and LPBs since house has existed since the before 1978. - Access to interior of house not available—potential for unknown/unreported concerns. - Potential for tanks, sump pumps, floor drains, etc.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an asbestos survey is recommended. Based on the age of the house, an LPB inspection is also

			recommended.
10	140 Central Avenue – Kerr Residence	- Heating oil tanks and sump pumps are on the property. - Floor drain in basement on concrete floor – potential for contaminants to enter sewer system. - Potential for LPBs since house has existed prior to 1978. - Access to interior of house and other structures not available—potential for unknown/unreported concerns. - Potential for tanks, sump pumps, floor drains, etc.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
11	141 Central Avenue – Dewan Residence	- A heating oil tank and sump pumps are on the property.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an

			asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
12	142 Central Avenue – Amrhein Residence	- Heating oil tank, a propane tank, and a sump pump are on the property.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
13	143 Central Avenue – Wilcox Residence	- Heating oil tank, a propane tank, and a sump pump are on the property. - Access to interior of house and other structures not available—potential for unknown/unreported concerns. - Potential for tanks, sump pumps, floor drains, etc.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an

			asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
14	514 S Pine Street – Einkenkel Residence	- Access to interior of house not available—potential for unknown/unreported concerns. -Potential for LPBs since house has existed prior to 1978. -Propane tank is on the property. - Potential for tanks, sump pumps, floor drains, etc.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
15	500 S Bellevue Avenue – Cotler Property	- Access to interior of house and other structures not available—potential for unknown/unreported concerns. -Potential for LPBs since house has existed prior to 1978. - Potential for tanks, sump pumps, floor drains, etc.	- This property is considered a REC for the project. -No further action is required at this time; however, additional work is required in the event that this property is impacted. - If structures are to be demolished, oil tanks will have to be removed and an

			asbestos survey is recommended. Based on the age of the house, an LPB inspection is also recommended.
16	Routes 213 & 413 – The Woods School	- None	- No further action is required. - Although a portion of the property is located within the AOI, after review of multiple databases and a walkthrough of the potentially impacted area, this property has no indications of environmental incidents and is not a concern for the project. Although the PADEP has indicated that files exist for this property, the files concern radiation protection and are not anticipated to pose a hazardous waste concern.

7.0 LIMITATIONS

This Phase I ESA was performed in accordance with ASTM Standard E1527-13 and PennDOT Publication 281 (May 2019). The scope of this investigation was limited to visual observations made during the field assessment and the review of background information that was readily available. The information does not guarantee the absence of disposed hazardous waste or environmental concerns. The report assessed the potential for environmental concerns to be present within the AOI along SR 0001 (Lincoln Highway) and surrounding areas. The investigation summaries and recommendations made in this report are done so with the noted limitations:

1. A PADEP file review was not completed. The PADEP Southeastern Regional Office is currently closed to file reviews due to COVID-19. The most recent correspondence from PADEP indicates that a file review will be scheduled once the office resumes operations. Although PADEP sent a list of properties from our file review request that they have files on, SCI cannot guarantee what information is in the files and how such information will affect recommendations made. Once a file review can be completed, SCI will issue an addendum to this report and revise our recommendations, as appropriate.
2. Walk throughs of several residential properties located along Central Avenue and S Bellevue Avenue were not completed. Seven residences were attempted to be investigated. Permission was granted to enter two homes during site reconnaissance on July 7, 2021. In-person interviews were conducted with two of the property owners whose houses were unable to be entered and two owners completed questionnaires and returned them for SCI's records. The owner of 500 S Bellevue Avenue could not be reached. Discussions of the four inaccessible properties are based on the information presented by the property owners. SCI could not confirm the information provided, nor could we make our own observations of the interior of the structures.

Susquehanna Civil Inc. assumes no responsibility for conditions that were not specifically addressed or concerns that were not recognized as environmentally unacceptable at the time the assessment was performed. This Phase I ESA does not include an investigation into the presence or absence of lead and asbestos containing materials within the defined AOI.

8.0 GLOSSARY AND ACRONYMS

8.1 GLOSSARY

Aboveground Storage Tank – Storage tanks with capacity in excess of 250 gallons, in which 90% or more of the volume is stored above the ground surface.

Asbestos – Six naturally occurring fibrous minerals found in certain rock formations characterized by very small, fibrous shapes that can cause serious health problems when inhaled. Some of the minerals have been used in building and insulation products because of their strong incombustible properties.

Asbestos Containing Material (ACM) – Any material containing one percent asbestos or more.

Contaminated Material – Solid, liquid or gaseous material that has the potential to threaten public health and/or the environment, and that may require special handling. Potentially contaminated material requires segregation from other material and must be stored in a safe, secure manner so that testing can be performed to determine type of contaminants that may be present. Contaminated material handling may require implementation of personnel protective measures involving respiratory and skin protection.

Drum – Container typically designed to hold 55 gallons of liquid material, used to store solid and liquid hazardous substances, hazardous waste, or other environmentally sensitive materials.

Due Diligence – Efforts taken by the potential future owner of a property to determine the possible environmental liability of a site. In court, a defendant must

Environmentally Sensitive Material – Any waste product or other material with potential to cause harm to the environment or human health in the event that a release of such material occurred.

Environmental Protection Agency (EPA) – Federal Agency responsible for enforcing environmental regulations such as RCRA, CERCLA, Clean Air Act, Clean Water Act.

Experienced Personnel – A person possessing sufficient training and experience necessary to prepare and conduct the activity required to be performed and having the ability to develop sound opinions and conclusions regarding recognized environmental conditions in connection with the property in question.

Hazardous Substance – Substance defined pursuant to CERCLA.

Hazardous Waste – Waste identified by characteristics, source or specific substance as found in 25 PA Code Chapter 75, Subchapter D, and the Code of Federal Regulations (CFR) Title 40, Chapter 261. A hazardous waste may: 1) cause or significantly contribute to an increase in mortality or morbidity in either an individual or the total population; and 2) pose a substantial hazard to human health or the environment when improperly treated, stored, transported, disposed or otherwise mismanaged.

Historic Fill – As defined in PA DEP's Management of Fill Policy, August 7, 2010, material used to bring an area to grade prior to 1988 that is a conglomeration of soil and residuals, such as ashes from the residential burning of wood and coal, incinerator ash, coal ash, slag, dredged material and construction and demolition waste.

Pennsylvania Department of Environmental Protection (PADEP) – State regulatory agency responsible for enforcing environmental regulations.

Potential Waste Site – Property used for, but not limited to: gas stations, dry cleaners, pesticide application companies, paint companies, machine shops, auto repair/maintenance facilities, chemical manufacturing facilities, dump sites, landfills, waste recycling and processing facilities (including land application), transportation related operations (railroad, truck terminals, etc.), junk/salvage yards, metal plating facilities, printing facilities, photo-processing facilities, analytical laboratories, nursery/greenhouse operations, electronics facilities, manufacturing facilities, and properties that border such operations.

Practically Reviewable Records – Records/files which are readily available and pertinent to the investigation at hand.

Qualified Consultant – Consultant that has proven qualifications, necessary expertise and adequate personnel to effectively perform required work.

Remediation – Cleanup of environmentally sensitive material. Costs for studies, relocation, management, overhead and other expenses must also be considered in the remediation process.

Resource Conservation and Recovery Act (RCRA) Facilities Database – The EPA's compilation of reporting facilities that generate, store, treat, transport or dispose of hazardous waste.

Underground Storage Tank – Any tank, including underground piping connected to the tank, which was used to store hazardous substances, including petroleum. Ten percent or more of the tank volume, including piping, must be located beneath the ground surface.

Waste Site – Property, including structures on a property, which has been impacted by hazardous or environmentally sensitive materials.

8.2 ACRONYMS

ACM	Asbestos containing material
AOC	Area of Concern
AOI	Area of Investigation

AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AUL	Activity and Use Limitations
BCWSA	Bucks County Water and Sewer Authority
CbA	Chalfont silt loam
CdA	Chester silt loam
CdB	Chester silt loam
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CORRACTS	Corrective Action Activity
DuA	Duncannon silt loam
EC	Environmental Covenant
EDR	Environmental Data Resources Inc.
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GIS	Geographic Information Systems
GrA	Glenville silt loam
HO	Heating Oil
HSCA	Hazardous Sites Cleanup
LBP	Lead-based paint
LkA	Lawrenceville silt loam
LOD	Limit of Disturbance
LTANK	Leaking tank
LUST	Leaking Underground Storage Tank
NLR	No Longer Regulated
NMO	New Motor Oil
NonGen	Non-generator
NOV	Notice of Violation
NPL	National Priority List

NRCS	National Resources and Conservation Service
PA VCP	Pennsylvania Voluntary Cleanup Program
PADEP	Pennsylvania Department of Environmental Protection
PennDOT	Pennsylvania Department of Transportation
PPE	Personal Protection Equipment
RACR	Remedial Action Completion Report
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
ROW	Right-of-Way
RSHS	Residential Statewide Health Standard
SARA	Superfund Amendments and Reauthorization Act
SCI	Susquehanna Civil Inc.
SCR	Site Characterization Report
SEMS	Superfund Enterprise Management System
SHS	Statewide Health Standard
SHWS	State Hazardous Waste Cleanup Act Site
SQG	Small Quantity Generator
SR	State Route
SSS	Site-Specific Standard
Ub	Udorthents
UfuB	Urban land
UkB	Urban land-Chester complex
UkD	Urban land-Chester complex
UIB	Urban land-Delaware complex
UNREG	Unregulated
UNT	Unnamed tributary
UpB	Urban land-Glenville complex

US	United States
USDA	United States Department of Agricultural
USDOL	Used oil
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VSQG	Very Small Quantity Generator
WSE	Waste Site Evaluation

9.0 LIST OF PREPARERS

Stephanie Kern – 21 years of experience

MEM, Environmental Toxicology, Chemistry and Risk Assessment – Duke University 2002

BS, Environmental Biology – Millersville University 1997

Bailey Bzdak – 2 years of experience

BS, Geoenvironmental Studies and Ecology and Environmental Biology – Shippensburg University 2019

10.0 REFERENCES

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

Environmental Data Resources Inc., *The EDR Aerial Photo Decade Package: S.R. 0001 – RC3 North and South Section*, March 2, 2021, Shelton, CT.

Environmental Data Resources Inc., *The EDR Certified Sanborn Map S.R. 0001 – RC3 North and South Section*, March 2, 2021, Shelton, CT.

Environmental Data Resources Inc., *The EDR-City Directory Image Report: S.R. 0001 – RC3 North and South Section*, March 2, 2021, Shelton, CT.

Environmental Data Resources Inc., *The EDR Historical Topographic Map Report: S.R. 0001 – RC3 North and South Section*, March 2, 2021, Shelton, CT.

Geyer, Alan R., and Wilshusen, J. Peter, 1982, *Engineering Characteristics of the Rocks of Pennsylvania*, Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey, Environmental Geology Report 1, Second Edition.

Natural Resources Conservation District, U.S. Department of Agriculture. Web Soil Survey. Available <http://websoilsurvey.nrcs.usda.gov/> Accessed on April 15, 2021.

Pennsylvania Department of Environmental Protection - Environmental Site Assessment Search tool. Available: <https://www.depgis.state.pa.us/esaSearch/> Accessed on April 15, 2021, and June 22, 2021.

Pennsylvania Department of Environmental Protection – PA Activity and Land Use Limitations Registry tool. Available: <http://www.depgis.state.pa.us/pa-aui/> Accessed on April 15, 2021, and June 22, 2021.

United State Environmental Protection Agency – EnviroMapper tool. Available: <https://geopub.epa.gov/myem/efmap/index.html>. Accessed on June 15, 2021, and July 19, 2021.

United States Geologic Survey, 7.5 Minutes Topographic Quadrangle, Langhorne, PA 2019.

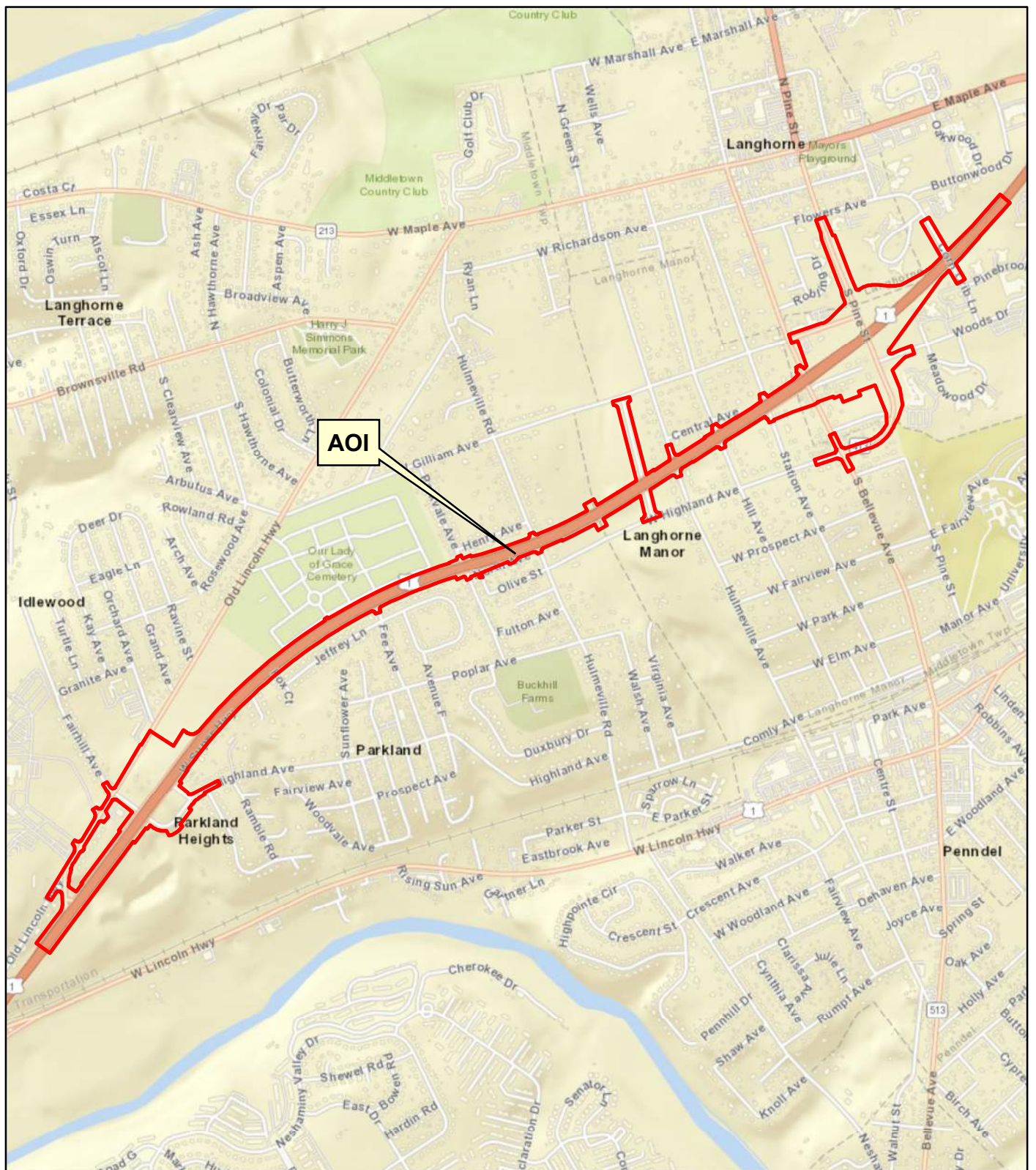
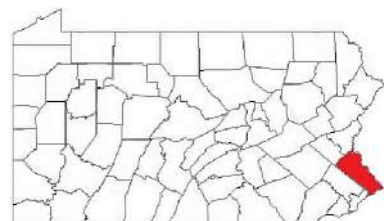


FIGURE 1 - PROJECT LOCATION MAP

**SR 0001, SECTION RC3
ROADWAY IMPROVEMENTS PROJECT**

**MIDDLETOWN TOWNSHIP, LANGHORNE
AND LANGHORNE MANOR BOROUGHES
BUCKS COUNTY, PENNSYLVANIA**



0 750 1,500 3,000 4,500 Feet

 **SUSQUEHANNA CIVIL**

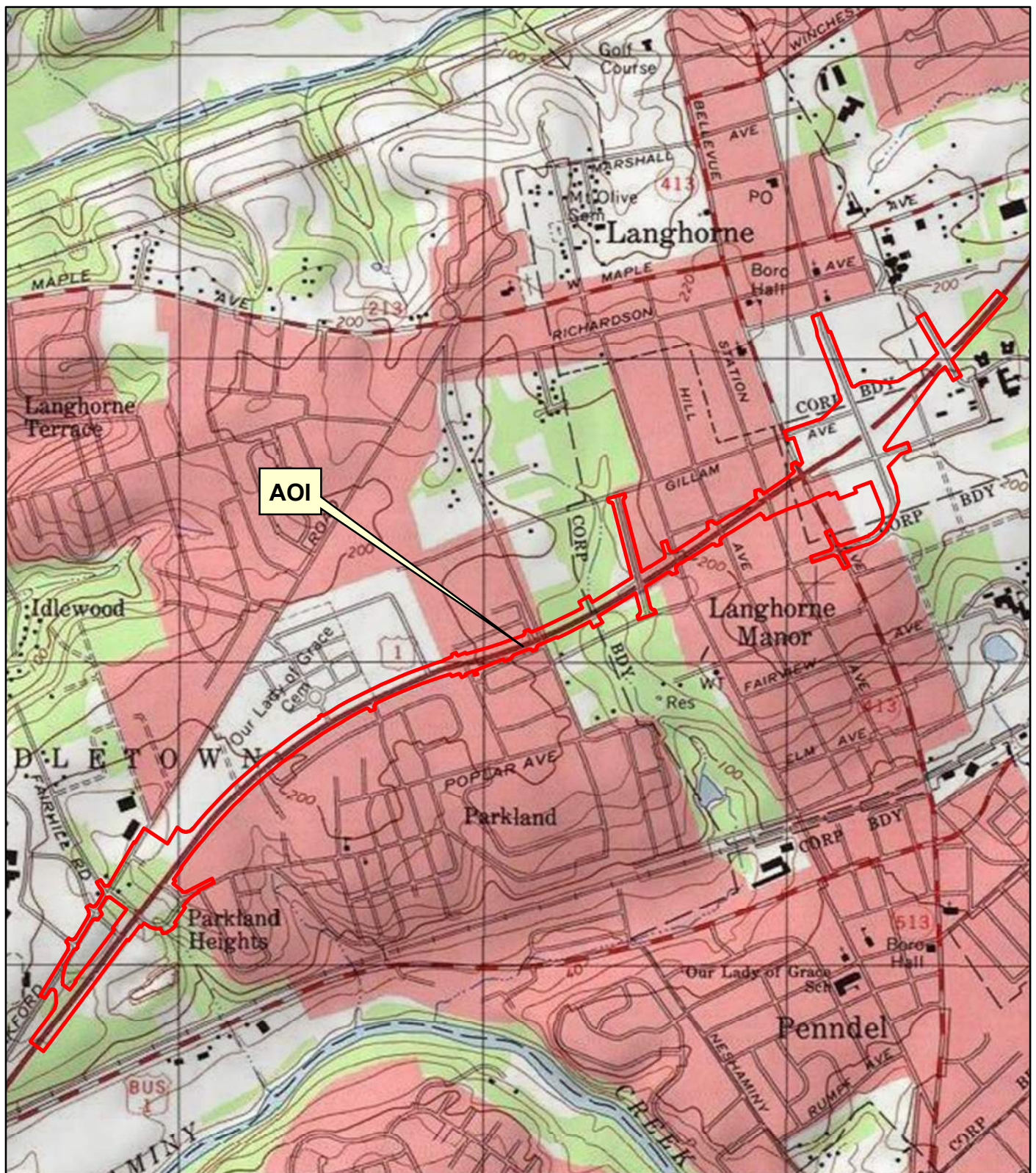
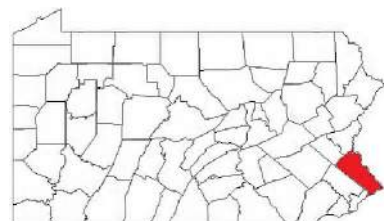


FIGURE 2 - TOPOGRAPHIC MAP

**SR 0001, SECTION RC3
ROADWAY IMPROVEMENTS PROJECT**

MIDDLETOWN TOWNSHIP, LANGHORNE
AND LANGHORNE MANOR BOROUGH
BUCKS COUNTY, PENNSYLVANIA



0 750 1,500 3,000 4,500 Feet

 **SUSQUEHANNA CIVIL**

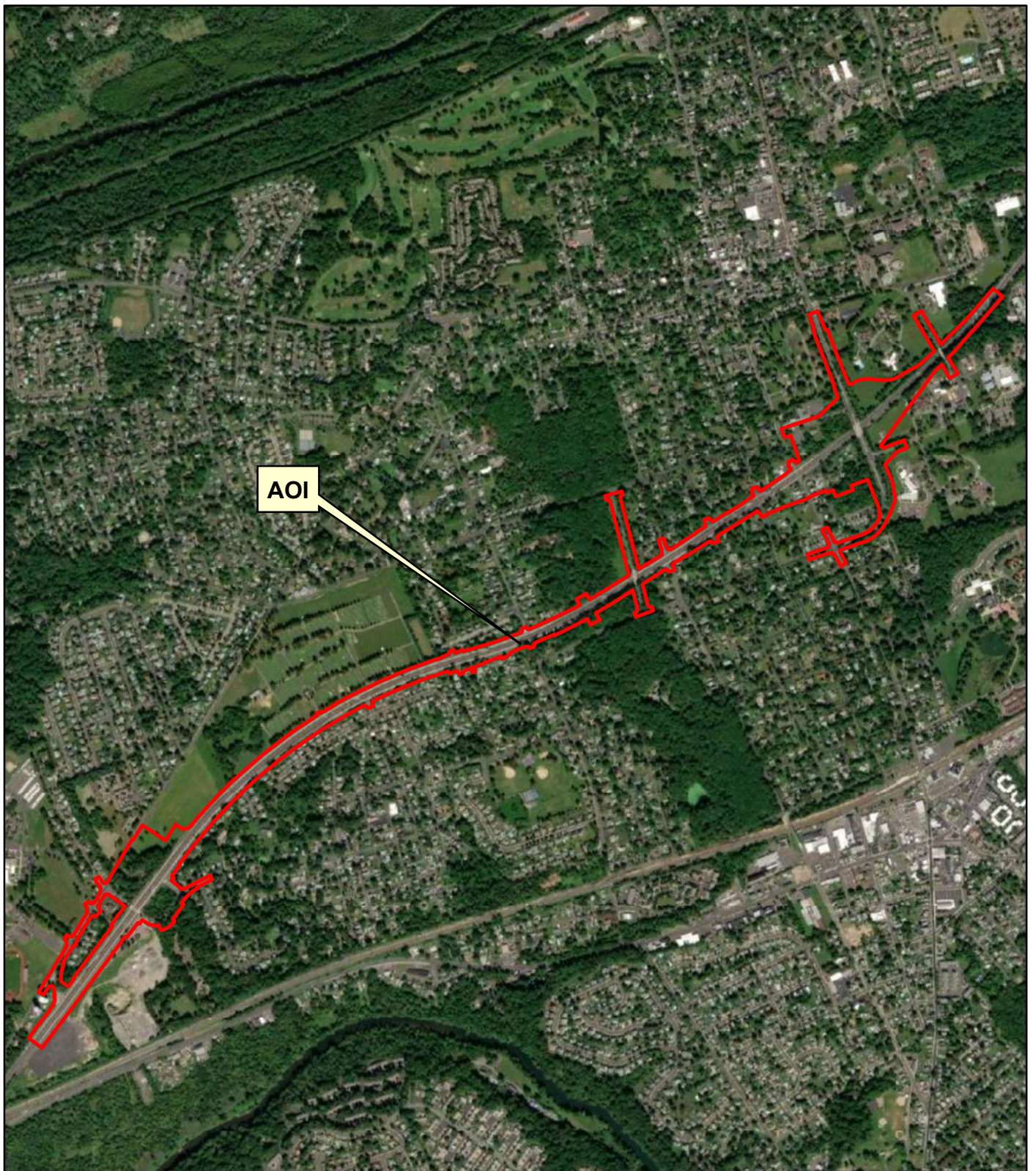


FIGURE 3 - AERIAL MAP

SR 0001, SECTION RC3 ROADWAY IMPROVEMENTS PROJECT

MIDDLETOWN TOWNSHIP, LANGHORNE
AND LANGHORNE MANOR BOROUGH
BUCKS COUNTY, PENNSYLVANIA



0 750 1,500 3,000 4,500 Feet

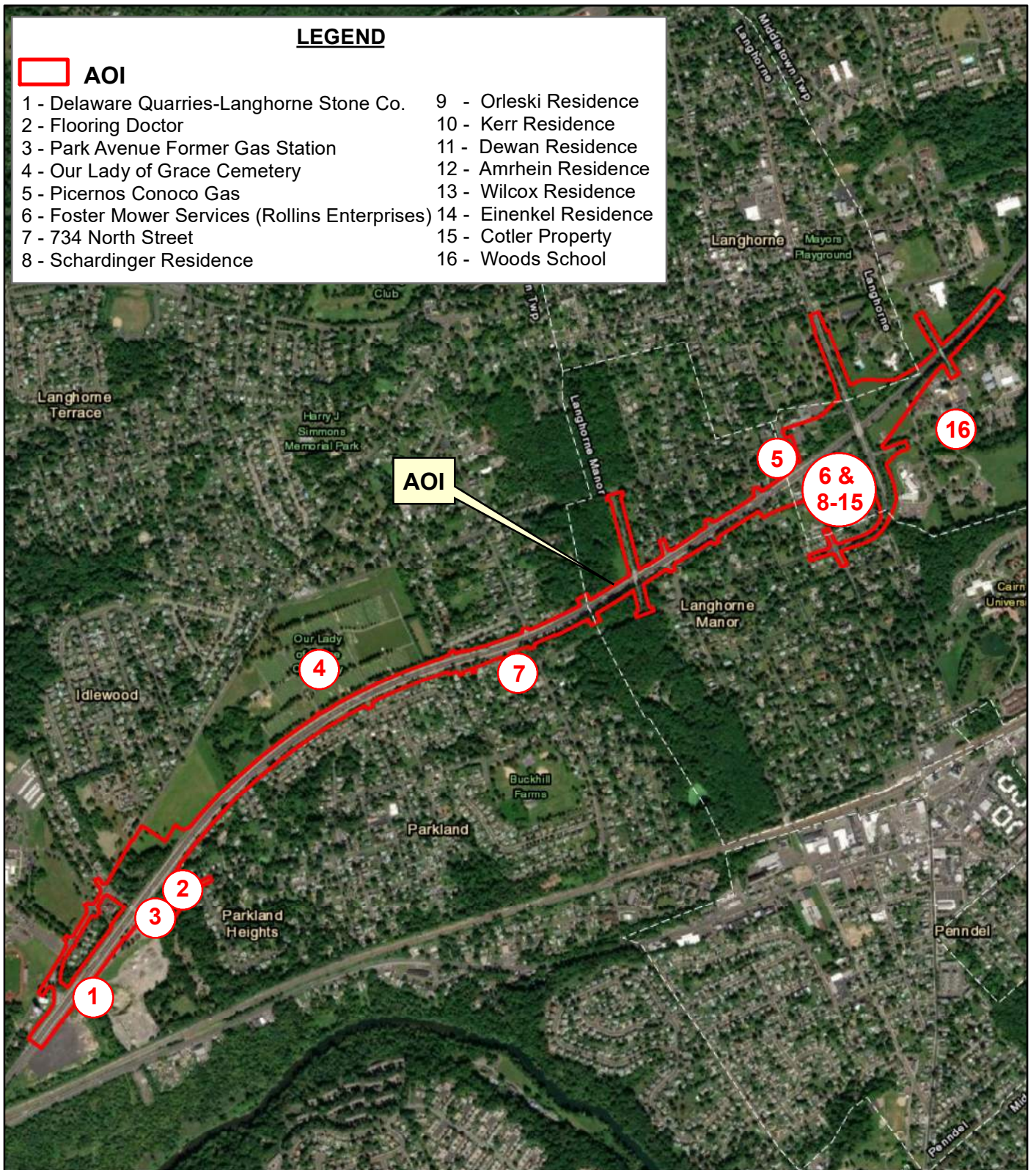
 **SUSQUEHANNA CIVIL**

LEGEND



AOI

- | | |
|---|-------------------------|
| 1 - Delaware Quarries-Langhorne Stone Co. | 9 - Orleski Residence |
| 2 - Flooring Doctor | 10 - Kerr Residence |
| 3 - Park Avenue Former Gas Station | 11 - Dewan Residence |
| 4 - Our Lady of Grace Cemetery | 12 - Amrhein Residence |
| 5 - Picernos Conoco Gas | 13 - Wilcox Residence |
| 6 - Foster Mower Services (Rollins Enterprises) | 14 - Einkenel Residence |
| 7 - 734 North Street | 15 - Cotler Property |
| 8 - Schardinger Residence | 16 - Woods School |



**FIGURE 4 - OTHER SITES
REFERENCED IN THE ESA**

**SR 0001, SECTION RC3
ROADWAY IMPROVEMENTS PROJECT**

**MIDDLETOWN TOWNSHIP, LANGHORNE
AND LANGHORNE MANOR BOROUGHES
BUCKS COUNTY, PENNSYLVANIA**



0 750 1,500 3,000 4,500 Feet

 **SUSQUEHANNA CIVIL**

LEGEND



AOI



CbA - Chalfont silt loam



CdA - Chester silt loam



CdB - Chester silt loam



GrA - Glenville silt loam



LkA - Lawrenceville silt loam



Ub - Udorthents, loamy



UkB - Urban land-Chester complex



UpB - Urban land-Glenville complex

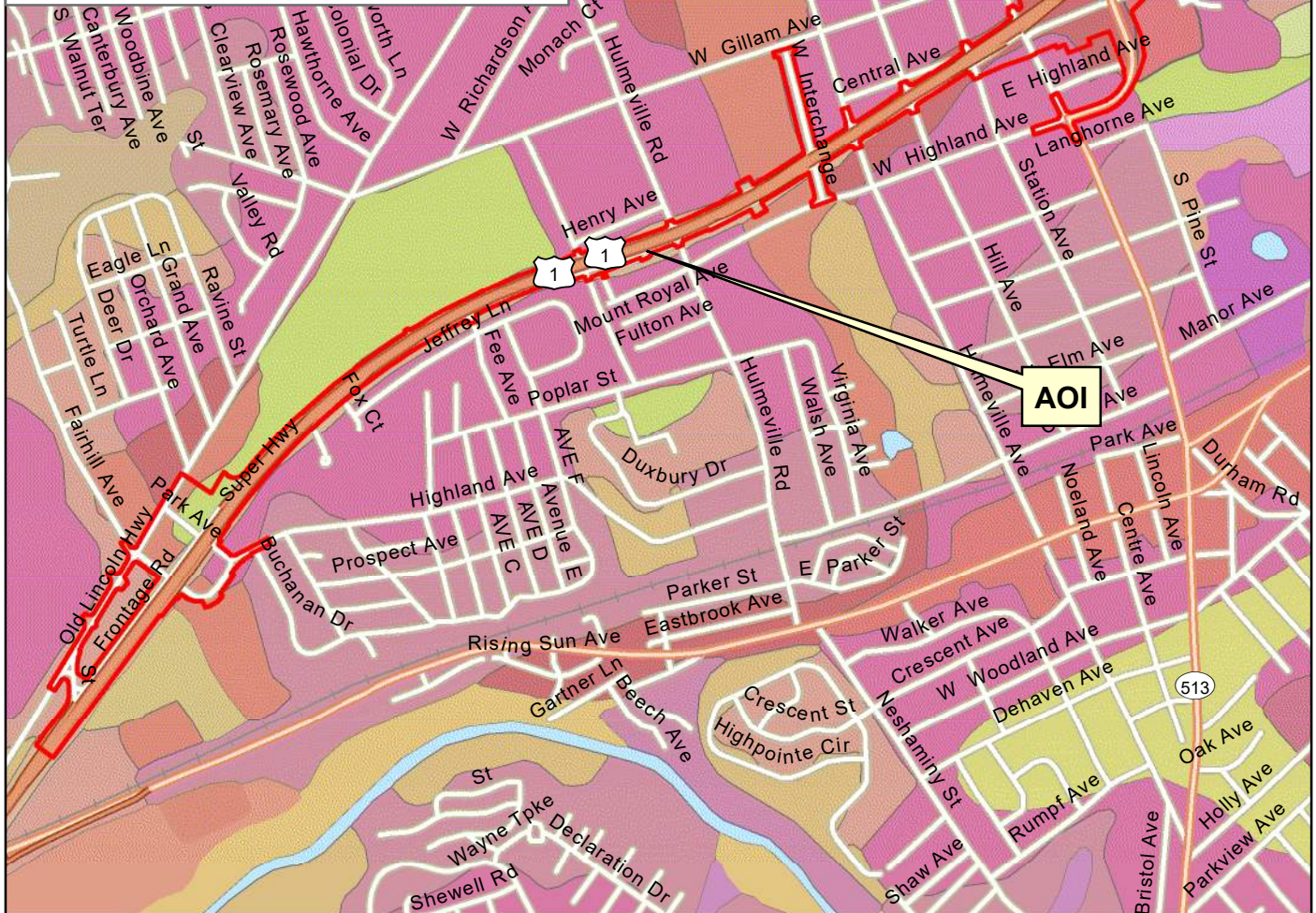
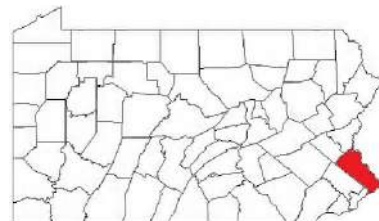


FIGURE 6 - SOILS MAP

**SR 0001, SECTION RC3
ROADWAY IMPROVEMENTS PROJECT**

**MIDDLETOWN TOWNSHIP, LANGHORNE
AND LANGHORNE MANOR BOROUGH
BUCKS COUNTY, PENNSYLVANIA**



0 750 1,500 3,000 4,500 Feet



SUSQUEHANNA CIVIL

APPENDIX A:
Phase I Site Assessment Checklist

**PUBLICATION 281
RECOMMENDED PHASE I CHECKLIST**

RECORDS REVIEW

Item	Date Completed/ Reviewed		Initials	
Federal NPL site list	4/8/2021		SK, BB	
Facilities Index System (FINDS)				
Federal CERCLIS list				
Federal RCRA TSD facilities list (optional)				
Federal RCRA generators list (optional)				
Federal ERNS list (optional)				
PA Priority list				
PA Operating Municipal Waste Landfills list				
PA Solid Waste Inventory				
PA Hazardous Waste Inventory				
DEP registered UST list (optional)				
DEP leaking UST list				
Regional DEP site records				
• Contaminated sites				
• Remediation projects (former, ongoing and planned)				
• Emergency release reports (SARA § 304)				
• Well and groundwater contamination records				
Physical setting sources				
• USGS 7.5 minute topographical maps				
• Soil survey				
• Groundwater maps (optional)				
• Bedrock geology maps (optional)				
• Surficial geology maps (optional)		↓		↓

RECORDS REVIEW (continued)		
Item	Date Completed/ Reviewed	Initials
Historical use information	4/23/2021	SK, BB
• Aerial/historic photographs	↓	↓
• Fire insurance maps (e.g. Sanborn Maps)	↓	↓
• Property tax files	_____	_____
• Recorded land titles	_____	_____
• Environmental Covenants	7/6/2021	SK, BB
• Local street directories	5/27/2021	SK, BB
• Local building department records	_____	_____
• Zoning/land use records	_____	_____
RECORDS		
General site setting	6/21/2021, 6/22/2021, 7/7/2021	SK, BB
• Present site usage		
• Past site usage		
• Adjoining properties		
• Surrounding area utilization		
Geologic, hydrogeologic, hydrologic and topographical conditions		
Structures and installations		
Roadways and rights-of-way		
Observations		
• Hazardous substances or petroleum products		
• Storage tanks (both USTs and ASTs)		
• Odors		
• Pools of liquid	↓	↓

Site Reconnaissance (continued)		
Item	Date Completed/ Reviewed	Initials
• Drums/containers (check labels, if any)	6/21/2021, 6/22/2021,	SK, BB
• Asbestos, PCBs or Lead	7/7/2021	
• Stains or corrosion on soils or pavement		
• Stressed vegetation		
• Solid waste		
• Drains, sumps, pits, ponds or lagoons		
• Wastewater or other discharge, e.g. illicit discharge		
• Wells or septic systems		
• Airborne emissions	↓	↓
Interviews		
Owners, occupants, neighbors	6/21/2021, 6/22/2021,	SK, BB
Regional officials	7/7/2021	
• US EPA Region III	5/17/2021	SK, BB
• DEP Waste Management Program	↓	↓
• DEP Water Quality - Storage Tank Program	↓	↓
• Emergency response/HAZMAT	↓	↓
• Local Sewer Authority (optional)	N/A	N/A
• Fire Department (optional)	James McGuire - Fire Marshall/Emergency Mgr	BB
• Zoning officer (optional)	6/29/2021 N/A	N/A
• Police Department (optional)	N/A	N/A
• Building inspector (optional)	N/A	N/A
• Historical Society (optional)	N/A	N/A
• Municipal officials (optional)	Steph Teoli - Twp Manager - 6/29/2021	BB
• PennDOT employees (optional)	N/A	N/A

Site Sketch			
Item	Date Completed/ Reviewed		Initials
R.O.W. (proposed or actual)	6/21/2021, 6/22/2021,		SK, BB
Structures and installations	7/7/2021		SK, BB
Utilities			
Storage tanks and associated facilities (pumps, pipes, etc.)			
Drains, sumps, pits, ponds and lagoons			
Geologic, hydrogeologic, hydrologic and topographical			
conditions (optional)			
Roads (optional)			
Stained areas (optional)			
Stressed vegetation (optional)			
Solid waste (optional)			
Wastewater or other discharge (optional)			
Wells and septic systems (optional)		▼	▼

APPENDIX B:
EDR Regulatory Database Report

S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.2s

March 02, 2021

EDR Summary Radius Map Report



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	191
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-12
Physical Setting Source Map Findings	A-14
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

SR 0001
LANGHORNE, PA 19047

COORDINATES

Latitude (North):	40.1711640 - 40° 10' 16.19"
Longitude (West):	74.9148090 - 74° 54' 53.31"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	507253.9
UTM Y (Meters):	4446548.0
Elevation:	204 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:	20150816
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SR 0001
LANGHORNE, PA 19047

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	ROLLINS ENTERPRISES	SUPER HWY & BELLVUE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1 ft.
2	KLEENCO INC	148 FLOWERS AVE	EDR Hist Cleaner	Higher	33, 0.006, NNW
3	SCHARDINGER RES	531 S BELLEVUE AVE	PA UNREG LTANKS	Higher	37, 0.007, SSW
A4	1115 W GILLAM AVE	115 W GILLAM AVE	PA VCP	Higher	98, 0.019, West
A5	PICERNOS GAS	452 S BELLEVUE AVE	PA LUST	Higher	109, 0.021, WSW
A6	PICERNOS GAS	452 S BELLEVUE AVE	PA UST, PA ARCHIVE UST	Higher	109, 0.021, WSW
7	MOBIL OIL CORP SS# F	RTE 1 & HULMEVILLE R	RCRA-SQG	Lower	214, 0.041, SW
8	335 S BELLEVUE AVE P	335 S BELLEVUE AVE	PA VCP	Higher	299, 0.057, NW
B9	HANKS FOREIGN CAR SE	137 E RICHARDSON AVE	EDR Hist Auto	Higher	536, 0.102, NNW
10	BRINIG RES	351 STATION AVE	PA UNREG LTANKS	Higher	576, 0.109, West
C11	MOBIL OIL CORP SS# D	152 E MAPLE	RCRA-SQG, PA LUST, PA UST, PA AUL, FINDS, ECHO	Higher	687, 0.130, NNW
B12	MASSELLES AUTO BODY	119 E RICHARDSON AVE	RCRA-VSQG, US AIRS, FINDS, ECHO	Higher	698, 0.132, NW
13	LANGHORNE LEAD SITE	330 S. BELLEVUE AVEN	SEMS-ARCHIVE	Higher	792, 0.150, WNW
C14	TEXACO 100296	ROUTE 213 & 413	PA LUST, PA AUL, PA ARCHIVE UST	Higher	795, 0.151, NNW
15	D J H PLUMBING & HEA	129 S BELLEVUE AVE	RCRA-VSQG	Higher	878, 0.166, NW
D16	TEXACO SERVICE STATI	RT 413 & 213	RCRA-SQG	Higher	890, 0.169, NW
C17	STAR ENTERPRISES	110 N PINE ST	NY MANIFEST	Higher	908, 0.172, NNW
E18	123 N PINE LANGHORNE	123 N PINE ST	PA LUST, PA UST, PA AUL, PA ARCHIVE UST	Higher	940, 0.178, NNW
E19	EXXON RAS NO 25559	123 N PINE ST TANKS	RCRA-VSQG	Higher	940, 0.178, NNW
20	LANGHORNE UNITED MET	301 E MAPLE AVE	PA ARCHIVE UST	Lower	1014, 0.192, North
D21	VILLAGE PRINTING & L	117 E MAPLE AVE	RCRA-VSQG, FINDS, ECHO	Higher	1018, 0.193, NNW
22	DUMP ON E. MAPLE AVE	500 E. MAPLE AVENUE	SEMS-ARCHIVE	Lower	1071, 0.203, NNE
23	OUR LADY OF GRACE CE	1215 SUPER HWY	PA ARCHIVE UST	Lower	1192, 0.226, WSW
24	VITALE AUTO COLLISIO	131 NATIONAL AVE	RCRA-VSQG, FINDS, ECHO	Lower	1227, 0.232, North
25	SMITH, JOSEPH S ROFF	313 HULMEVILLE RD	RCRA-VSQG	Lower	1319, 0.250, West
26	SUNOCO 0013 6366	ROUTE 213 & FLOWER M	PA LUST	Lower	1372, 0.260, NE
27	ARTCRAFT MACH	1115 W GILLIAN AVE	PA UNREG LTANKS	Lower	1485, 0.281, WSW
28	SYLVESTERS MKT	1205 HIGHLAND AVE	PA LUST	Lower	1877, 0.355, SW
29	LANGHORNE PALG UST I	1266 OLD LINCOLN HWY	PA LUST, PA UST, PA AUL	Higher	2025, 0.384, WSW
30	HERALD PROD	10 LINCOLN AVE	PA SHWS	Lower	2833, 0.537, South
31	BETZ LABORATORIES IN	985 WHEELER WAY	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /..Lower	Lower	3505, 0.664, NE

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 identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/30/2020 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGHORNE LEAD SITE	330 S. BELLEVUE AVEN	WNW 1/8 - 1/4 (0.150 mi.)	13	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUMP ON E. MAPLE AVE Site ID: 0305396 EPA Id: PASFN0305396	500 E. MAPLE AVENUE	NNE 1/8 - 1/4 (0.203 mi.)	22	13

Federal RCRA CORRACTS facilities list

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BETZ LABORATORIES IN</i> EPA ID:: PAD000824805	<i>985 WHEELER WAY</i>	<i>NE 1/2 - 1 (0.664 mi.)</i>	<i>31</i>	<i>15</i>

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL CORP SS# D EPA ID:: PAD987335007	152 E MAPLE	NNW 1/8 - 1/4 (0.130 mi.)	C11	10
TEXACO SERVICE STATI EPA ID:: PAD987280294	RT 413 & 213	NW 1/8 - 1/4 (0.169 mi.)	D16	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL CORP SS# F EPA ID:: PAD987335015	RTE 1 & HULMEVILLE R	SW 0 - 1/8 (0.041 mi.)	7	9

RCRA-VSQQ: A review of the RCRA-VSQQ list, as provided by EDR, and dated 12/14/2020 has revealed that there are 6 RCRA-VSQQ sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MASSELLES AUTO BODY EPA ID:: PAR000013904	119 E RICHARDSON AVE	NW 1/8 - 1/4 (0.132 mi.)	B12	10
D J H PLUMBING & HEA EPA ID:: PAD980550750	129 S BELLEVUE AVE	NW 1/8 - 1/4 (0.166 mi.)	15	11
EXXON RAS NO 25559 EPA ID:: PAD987331360	123 N PINE ST TANKS	NNW 1/8 - 1/4 (0.178 mi.)	E19	12
VILLAGE PRINTING & L EPA ID:: PAR000009217	117 E MAPLE AVE	NNW 1/8 - 1/4 (0.193 mi.)	D21	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VITALE AUTO COLLISIO EPA ID:: PAD982699944	131 NATIONAL AVE	N 1/8 - 1/4 (0.232 mi.)	24	13
SMITH, JOSEPH S ROFF EPA ID:: PAD064342546	313 HULMEVILLE RD	W 1/8 - 1/4 (0.250 mi.)	25	14

State- and tribal - equivalent NPL

PA SHWS: A review of the PA SHWS list, as provided by EDR, and dated 10/12/2020 has revealed that there is 1 PA SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HERALD PROD Site Id: 511140	10 LINCOLN AVE	S 1/2 - 1 (0.537 mi.)	30	15

EXECUTIVE SUMMARY

Facility Id: 620543

State and tribal leaking storage tank lists

PA LUST: A review of the PA LUST list, as provided by EDR, and dated 12/01/2020 has revealed that there are 7 PA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PICERNOS GAS Facility Id: 582091	452 S BELLEVUE AVE	WSW 0 - 1/8 (0.021 mi.)	A5	8
MOBIL OIL CORP SS# D Facility Id: 583291	152 E MAPLE	NNW 1/8 - 1/4 (0.130 mi.)	C11	10
TEXACO 100296 Facility Id: 582384	ROUTE 213 & 413	NNW 1/8 - 1/4 (0.151 mi.)	C14	11
123 N PINE LANGHORNE Facility Id: 582092	123 N PINE ST	NNW 1/8 - 1/4 (0.178 mi.)	E18	12
LANGHORNE PALG UST I Facility Id: 582732	1266 OLD LINCOLN HWY	WSW 1/4 - 1/2 (0.384 mi.)	29	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUNOCO 0013 6366 Facility Id: 582360	ROUTE 213 & FLOWER M	NE 1/4 - 1/2 (0.260 mi.)	26	14
SYLVESTERS MKT Facility Id: 582472	1205 HIGHLAND AVE	SW 1/4 - 1/2 (0.355 mi.)	28	14

PA UNREG LTANKS: A review of the PA UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there are 3 PA UNREG LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCHARDINGER RES	531 S BELLEVUE AVE	SSW 0 - 1/8 (0.007 mi.)	3	8
BRINIG RES	351 STATION AVE	W 0 - 1/8 (0.109 mi.)	10	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARTCRAFT MACH	1115 W GILLIAN AVE	WSW 1/4 - 1/2 (0.281 mi.)	27	14

State and tribal registered storage tank lists

PA UST: A review of the PA UST list, as provided by EDR, and dated 12/01/2020 has revealed that there are 3 PA UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PICERNOS GAS Site ID: 509978 Tank Status: Currently In Use	452 S BELLEVUE AVE	WSW 0 - 1/8 (0.021 mi.)	A6	9
MOBIL OIL CORP SS# D Site ID: 515241 Tank Status: Currently In Use	152 E MAPLE	NNW 1/8 - 1/4 (0.130 mi.)	C11	10
123 N PINE LANGHORNE Site ID: 515068 Tank Status: Currently In Use	123 N PINE ST	NNW 1/8 - 1/4 (0.178 mi.)	E18	12

State and tribal institutional control / engineering control registries

PA AUL: A review of the PA AUL list, as provided by EDR, and dated 10/12/2020 has revealed that there are 4 PA AUL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL CORP SS# D Facility Id: 583291	152 E MAPLE	NNW 1/8 - 1/4 (0.130 mi.)	C11	10
TEXACO 100296 Facility Id: 582384	ROUTE 213 & 413	NNW 1/8 - 1/4 (0.151 mi.)	C14	11
123 N PINE LANGHORNE Facility Id: 582092	123 N PINE ST	NNW 1/8 - 1/4 (0.178 mi.)	E18	12
LANGHORNE PALG UST I Facility Id: 582732	1266 OLD LINCOLN HWY	WSW 1/4 - 1/2 (0.384 mi.)	29	14

State and tribal voluntary cleanup sites

PA VCP: A review of the PA VCP list, as provided by EDR, and dated 10/05/2020 has revealed that there are 2 PA VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1115 W GILLAM AVE Activity ID: 838869	115 W GILLAM AVE	W 0 - 1/8 (0.019 mi.)	A4	8
335 S BELLEVUE AVE P Activity ID: 751475	335 S BELLEVUE AVE	NW 0 - 1/8 (0.057 mi.)	8	9

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

PA ARCHIVE UST: A review of the PA ARCHIVE UST list, as provided by EDR, and dated 12/01/2020 has revealed that there are 5 PA ARCHIVE UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PICERNOS GAS Status: Closed Without a Permit Facility Id: 09-06768 Site ID: 509978	452 S BELLEVUE AVE	WSW 0 - 1/8 (0.021 mi.)	A6	9
TEXACO 100296 Status: Removed Status: Closed Without a Permit Facility Id: 09-21090 Site ID: 511050	ROUTE 213 & 413	NNW 1/8 - 1/4 (0.151 mi.)	C14	11
123 N PINE LANGHORNE Status: Closed Without a Permit Status: Exempt From State Law Facility Id: 09-06905 Site ID: 515068	123 N PINE ST	NNW 1/8 - 1/4 (0.178 mi.)	E18	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGHORNE UNITED MET Status: Closed Without a Permit Facility Id: 09-40422 Site ID: 566901	301 E MAPLE AVE	N 1/8 - 1/4 (0.192 mi.)	20	12
OUR LADY OF GRACE CE Status: Closed Without a Permit Facility Id: 09-13614 Site ID: 566477	1215 SUPER HWY	WSW 1/8 - 1/4 (0.226 mi.)	23	13

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROLLINS ENTERPRISES EPA ID:: PAD981735459	SUPER HWY & BELLVUE	0 - 1/8 (0.000 mi.)	1	8

EXECUTIVE SUMMARY

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STAR ENTERPRISES EPA ID: PAP000004528	110 N PINE ST	NNW 1/8 - 1/4 (0.172 mi.)	C17	12

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HANKS FOREIGN CAR SE	137 E RICHARDSON AVE	NNW 0 - 1/8 (0.102 mi.)	B9	9

EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

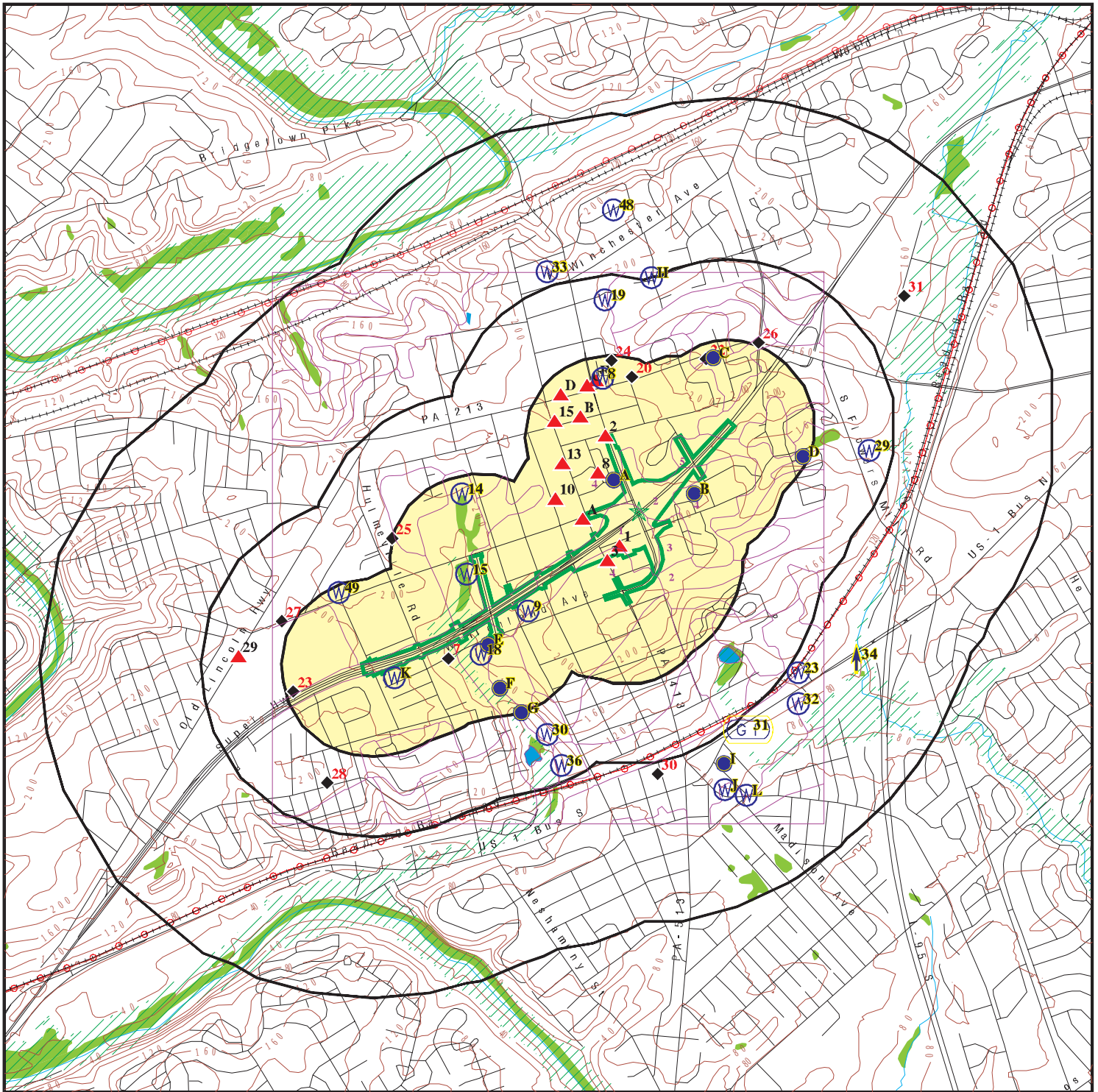
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KLEENCO INC	148 FLOWERS AVE	NNW 0 - 1/8 (0.006 mi.)	2	8

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BENSALEM	1003867118	BENSALEM PARK SITE	HULMEVILLE BYBERRY ROAD	19020	SEMS-ARCHIVE
LAMBERTVILLE	S106762992	LAMBERTS HILL	N MAIN ST (SOUTH OF RTE 202)	19020	NJ VCP
LANGHORNE	S106935532	SUMMIT CLNR/ MIDDLETOWN TWP	ROUTE 413 & DOUBLE WOOD RD	19047	PA AIRS, PA DRYCLEANERS

OVERVIEW MAP - 6388135.2S



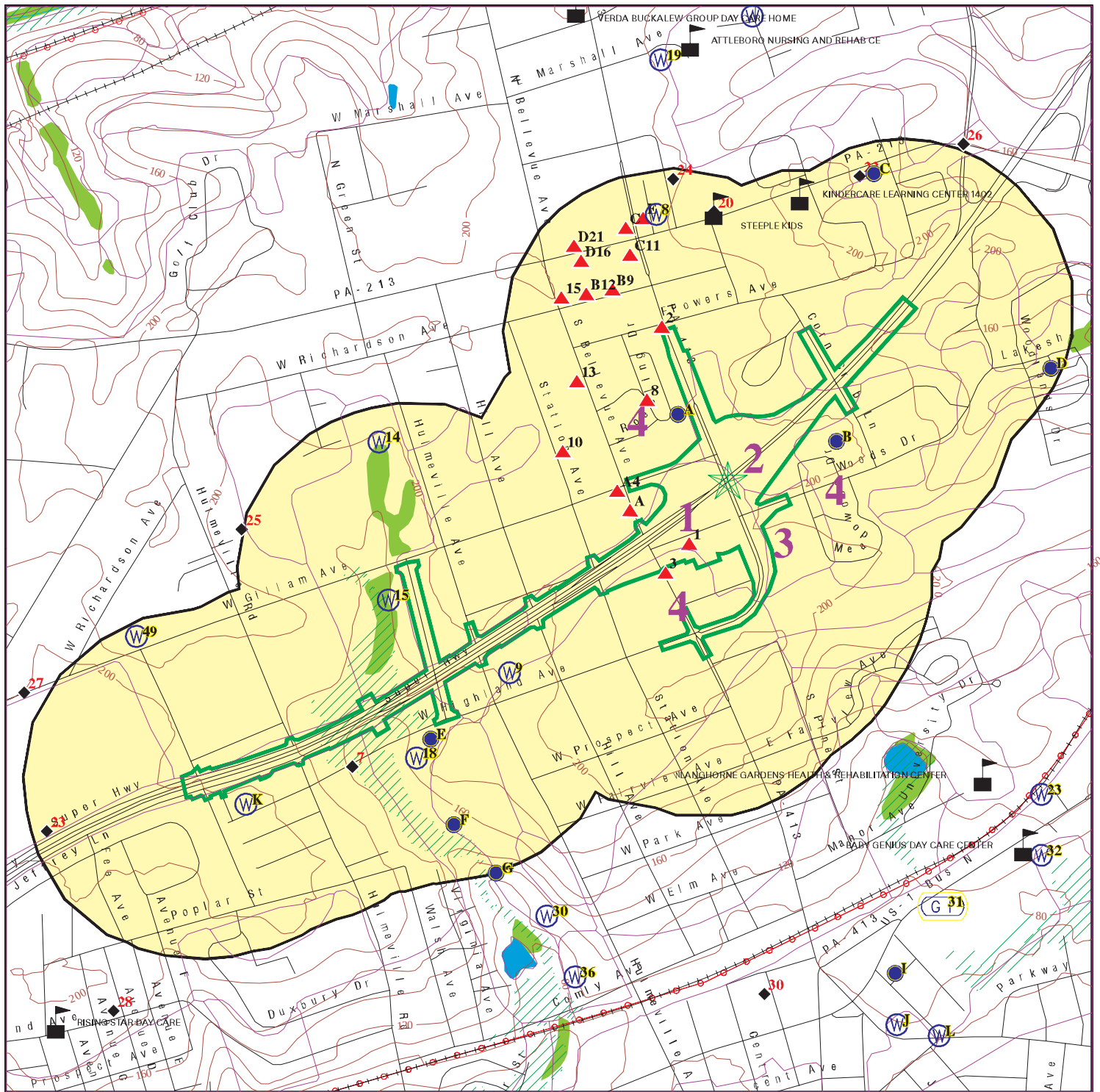
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE PA 19047
 LAT/LONG: 40.171164 / 74.914809

CLIENT: Susquehanna Civil, Inc.
 CONTACT: Bailey Bzdak
 INQUIRY #: 6388135.2s
 DATE: March 02, 2021 3:47 pm

DETAIL MAP - 6388135.2S



- 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
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE PA 19047
 LAT/LONG: 40.171164 / 74.914809

CLIENT: Susquehanna Civil, Inc.
 CONTACT: Bailey Bzdak
 INQUIRY #: 6388135.2s
 DATE: March 02, 2021 3:49 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</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>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	2	0	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		0	6	NR	NR	NR	6
<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>State- and tribal - equivalent NPL</i>								
PA SHWS	1.000		0	0	0	1	NR	1
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LUST	0.500		1	3	3	NR	NR	7
PA LAST	0.500		0	0	0	NR	NR	0
INDIAN 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
PA UNREG LTANKS	0.500		2	0	1	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
PA UST	0.250		1	2	NR	NR	NR	3
PA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	3	1	NR	NR	4
State and tribal voluntary cleanup sites								
PA VCP	0.500		2	0	0	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
PA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
PA HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
PA ARCHIVE UST	0.250		1	4	NR	NR	NR	5
PA ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
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
PA SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
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
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PA AIRS	TP		NR	NR	NR	NR	NR	0
PA ASBESTOS	TP		NR	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		0	0	NR	NR	NR	0
NJ MANIFEST	0.250		0	0	NR	NR	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	1	NR	NR	NR	1
PA MINES	0.250		0	0	NR	NR	NR	0
PA NPDES	TP		NR	NR	NR	NR	NR	0
PA UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
PA RGA HWS	TP		NR	NR	NR	NR	NR	0
PA RGA LF	TP		NR	NR	NR	NR	NR	0
PA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	11	23	5	2	0	41

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1	ROLLINS ENTERPRISES INC SUPER HWY & BELLVUE AVE LANGHORNE, PA 19047	RCRA NonGen / NLR FINDS ECHO	1000286022 PAD981735459
< 1/8 1 ft.	Click here for full text details Relative: Higher RCRA NonGen / NLR EPA Id PAD981735459 FINDS Registry ID: 110001111939 ECHO Registry ID 110001111939		
2	KLEENCO INC 148 FLOWERS AVE LANGHORNE, PA 19047	EDR Hist Cleaner	1020021006 N/A
NNW < 1/8 0.006 mi. 33 ft.	Click here for full text details Relative: Higher		
3	SCHARDINGER RES 531 S BELLEVUE AVE LANGHORNE BORO, PA	PA UNREG LTANKS	S105918396 N/A
SSW < 1/8 0.007 mi. 37 ft.	Click here for full text details Relative: Higher		
A4	1115 W GILLAM AVE 115 W GILLAM AVE LANGHORNE, PA 19047	PA VCP	S125695911 N/A
West < 1/8 0.019 mi. 98 ft.	Click here for full text details Relative: Higher PA VCP Activity ID 838869		
A5	PICERNOS GAS 452 S BELLEVUE AVE LANGHORNE, PA 19047	PA LUST	S111099359 N/A
WSW < 1/8 0.021 mi. 109 ft.	Click here for full text details Relative: Higher PA LUST Facility Id 582091		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A6
WSW
< 1/8
0.021 mi.
109 ft.

PICERNOS GAS
452 S BELLEVUE AVE
LANGHORNE, PA 19047

PA UST
PA ARCHIVE UST

U004082626
N/A

Relative:
Higher

[Click here for full text details](#)

PA UST

Site ID 509978
Tank Status Currently In Use

PA ARCHIVE UST

Facility Id 09-06768
Site ID 509978
Status Closed Without a Permit

7
SW
< 1/8
0.041 mi.
214 ft.

MOBIL OIL CORP SS# FPG
RTE 1 & HULMEVILLE RD
PENNDL, PA 19047

RCRA-SQG

1000569240
PAD987335015

Relative:
Lower

[Click here for full text details](#)

RCRA-SQG

EPA Id PAD987335015

8
NW
< 1/8
0.057 mi.
299 ft.

335 S BELLEVUE AVE PROP
335 S BELLEVUE AVE
LANGHORNE, PA 19047

PA VCP

S111767834
N/A

Relative:
Higher

[Click here for full text details](#)

PA VCP

Activity ID 751475

B9
NNW
< 1/8
0.102 mi.
536 ft.

HANKS FOREIGN CAR SERVICE
137 E RICHARDSON AVE
LANGHORNE, PA 19047

EDR Hist Auto

1020548443
N/A

Relative:
Higher

[Click here for full text details](#)

10
West
< 1/8
0.109 mi.
576 ft.

BRINIG RES
351 STATION AVE
LANGHORNE BORO, PA

PA UNREG LTANKS

S105918116
N/A

Relative:
Higher

[Click here for full text details](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11
NNW
1/8-1/4
0.130 mi.
687 ft.

Relative:
Higher

MOBIL OIL CORP SS# DBE
152 E MAPLE
LANGHORNE, PA 19047

[Click here for full text details](#)

RCRA-SQG
EPA Id PAD987335007

PA LUST
Facility Id 583291

PA UST
Site ID 515241
Tank Status Currently In Use

PA AUL
Facility Id 583291

FINDS
Registry ID: 110059957417

ECHO
Registry ID 110059957417

RCRA-SQG
PA LUST
PA UST
PA AUL
FINDS
ECHO

1000569239
PAD987335007

B12
NW
1/8-1/4
0.132 mi.
698 ft.

Relative:
Higher

MASSELLES AUTO BODY
119 E RICHARDSON AVE
LANGHORNE, PA 19047

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAR000013904

FINDS
Registry ID: 110000992338

ECHO
Registry ID 110000992338

RCRA-VSQG
US AIRS
FINDS
ECHO

1004776583
PAR000013904

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
WNW
1/8-1/4
0.150 mi.
792 ft.

LANGHORNE LEAD SITE
330 S. BELLEVUE AVENUE
LANGHORNE, PA 19047

SEMS-ARCHIVE

1003072962
PAN000305622

Relative:
Higher

[Click here for full text details](#)

C14
NNW
1/8-1/4
0.151 mi.
795 ft.

TEXACO 100296
ROUTE 213 & 413
LANGHORNE, PA 19047

PA LUST
PA AUL
PA ARCHIVE UST

U002317897
N/A

Relative:
Higher

[Click here for full text details](#)

PA LUST
Facility Id 582384

PA AUL
Facility Id 582384

PA ARCHIVE UST
Facility Id 09-21090
Site ID 511050
Status Removed
Status Closed Without a Permit

15
NW
1/8-1/4
0.166 mi.
878 ft.

D J H PLUMBING & HEATING INC
129 S BELLEVUE AVE
PENNDL, PA 19047

RCRA-VSQG

1004773743
PAD980550750

Relative:
Higher

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAD980550750

D16
NW
1/8-1/4
0.169 mi.
890 ft.

TEXACO SERVICE STATION LANGHORNE
RT 413 & 213
LANGHORNE, PA 19047

RCRA-SQG

1000447660
PAD987280294

Relative:
Higher

[Click here for full text details](#)

RCRA-SQG
EPA Id PAD987280294

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C17
NNW
1/8-1/4
0.172 mi.
908 ft.

STAR ENTERPRISES
110 N PINE ST
LANGHORNE, PA 19047

NY MANIFEST

1009246185
N/A

Relative:
Higher

[Click here for full text details](#)

NY MANIFEST
EPA ID PAP000004528

E18
NNW
1/8-1/4
0.178 mi.
940 ft.

123 N PINE LANGHORNE
123 N PINE ST
LANGHORNE, PA 19047

PA LUST
PA UST
PA AUL
PA ARCHIVE UST

1000568899
N/A

Relative:
Higher

[Click here for full text details](#)

PA LUST
Facility Id 582092

PA UST
Site ID 515068
Tank Status Currently In Use

PA AUL
Facility Id 582092

PA ARCHIVE UST
Facility Id 09-06905
Site ID 515068
Status Closed Without a Permit
Status Exempt From State Law

E19
NNW
1/8-1/4
0.178 mi.
940 ft.

EXXON RAS NO 25559
123 N PINE ST TANKS
LANGHORNE, PA 19047

RCRA-VSQG

1004774335
PAD987331360

Relative:
Higher

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAD987331360

20
North
1/8-1/4
0.192 mi.
1014 ft.

LANGHORNE UNITED METH CH
301 E MAPLE AVE
LANGHORNE, PA 19047

PA ARCHIVE UST

S111112562
N/A

Relative:
Lower

[Click here for full text details](#)

PA ARCHIVE UST
Facility Id 09-40422
Site ID 566901
Status Closed Without a Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D21
NNW
1/8-1/4
0.193 mi.
1018 ft.

VILLAGE PRINTING & LITHOGRAPH
117 E MAPLE AVE
LANGHORNE, PA 19047

RCRA-VSQG
FINDS
ECHO

1004776342
PAR000009217

Relative:
Higher

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAR000009217

FINDS

Registry ID: 110001063866

ECHO

Registry ID 110001063866

22
NNE
1/8-1/4
0.203 mi.
1071 ft.

DUMP ON E. MAPLE AVENUE-AKA-MAPLE AVE. DUMP SITE
500 E. MAPLE AVENUE
LANGHORN, PA 19047

SEMS-ARCHIVE

1001404180
PASFN0305396

Relative:
Lower

[Click here for full text details](#)

SEMS-ARCHIVE
Site ID 0305396
EPA Id PASFN0305396

23
WSW
1/8-1/4
0.226 mi.
1192 ft.

OUR LADY OF GRACE CEMETERY
1215 SUPER HWY
LANGHORNE, PA 19047

PA ARCHIVE UST

S111114358
N/A

Relative:
Lower

[Click here for full text details](#)

PA ARCHIVE UST
Facility Id 09-13614
Site ID 566477
Status Closed Without a Permit

24
North
1/8-1/4
0.232 mi.
1227 ft.

VITALE AUTO COLLISION & REPAIR/LANGHORNE
131 NATIONAL AVE
LANGHORNE, PA 19047

RCRA-VSQG
FINDS
ECHO

1004773996
PAD982699944

Relative:
Lower

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAD982699944

FINDS

Registry ID: 110060019377
Registry ID: 110001091336

ECHO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VITALE AUTO COLLISION & REPAIR/LANGHORNE (Continued)

1004773996

Registry ID 110001091336

25
West
1/8-1/4
0.250 mi.
1319 ft.

SMITH, JOSEPH S ROFFING INC
313 HULMEVILLE RD
LANGHORNE, PA 19047

RCRA-VSQG

1000406956
PAD064342546

Relative:
Lower

[Click here for full text details](#)

RCRA-VSQG

EPA Id PAD064342546

26
NE
1/4-1/2
0.260 mi.
1372 ft.

SUNOCO 0013 6366
ROUTE 213 & FLOWER MILL RD
LANGHORNE, PA 19047

PA LUST

S105800010
N/A

Relative:
Lower

[Click here for full text details](#)

PA LUST

Facility Id 582360

27
WSW
1/4-1/2
0.281 mi.
1485 ft.

ARTCRAFT MACH
1115 W GILLIAN AVE
MIDDLETOWN TWP., PA

PA UNREG LTANKS

S105918081
N/A

Relative:
Lower

[Click here for full text details](#)

28
SW
1/4-1/2
0.355 mi.
1877 ft.

SYLVESTERS MKT
1205 HIGHLAND AVE
PARKLAND, PA 19047

PA LUST

S105800012
N/A

Relative:
Lower

[Click here for full text details](#)

PA LUST

Facility Id 582472

29
WSW
1/4-1/2
0.384 mi.
2025 ft.

LANGHORNE PALG UST II
1266 OLD LINCOLN HWY
LANGHORNE, PA 19047

PA LUST

PA UST

PA AUL

U003346540
N/A

Relative:
Higher

[Click here for full text details](#)

PA LUST

Facility Id 582732

PA UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LANGHORNE PALG UST II (Continued)

U003346540

Site ID 505411
Tank Status Currently In Use

PA AUL

Facility Id 582732

30
South
1/2-1
0.537 mi.
2833 ft.

HERALD PROD
10 LINCOLN AVE
PENNDL, PA

PA SHWS **S115912360**
N/A

Relative:
Lower

[Click here for full text details](#)

PA SHWS

Site Id 511140
Facility Id 620543

31
NE
1/2-1
0.664 mi.
3505 ft.

BETZ LABORATORIES INC
985 WHEELER WAY
LANGHORNE, PA 19047

SEMS-ARCHIVE **1000442656**
CORRACTS **PAD000824805**
RCRA-TSDF
RCRA NonGen / NLR
2020 COR ACTION
FINDS
WI MANIFEST
NY MANIFEST
NJ MANIFEST

Relative:
Lower

[Click here for full text details](#)

SEMS-ARCHIVE

Site ID 0303461
EPA Id PAD000824805

CORRACTS

EPA ID: PAD000824805

RCRA-TSDF

EPA Id PAD000824805

RCRA NonGen / NLR

EPA Id PAD000824805

2020 COR ACTION

EPA ID: PAD000824805

FINDS

Registry ID: 110060048229

WI MANIFEST

ACT Status A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BETZ LABORATORIES INC (Continued)

1000442656

FID 0
EPA ID PAD000824805

NY MANIFEST

EPA ID PAD000824805

NJ MANIFEST

EPA Id PAD000824805

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	09/14/2020	09/16/2020	12/08/2020
PA	ARCHIVE AST	Archived Aboveground Storage Tank Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	ARCHIVE UST	Archived Underground Storage Tank Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	ASBESTOS	Asbestos Notification Listing	Department of Labor & Industry	11/30/2020	12/02/2020	02/17/2021
PA	AST	Listing of Pennsylvania Regulated Aboveground Storage Tanks	Department of Environmental Protection	12/01/2020	12/09/2020	02/24/2021
PA	AUL	Environmental Covenants Listing	Department of Environmental Protection	10/12/2020	10/13/2020	01/04/2021
PA	BROWNFIELDS	Brownfields Sites	Department of Environmental Protection	10/12/2020	10/13/2020	01/04/2021
PA	DRYCLEANERS	Drycleaner Facility Locations	Department of Environmental Protection	09/14/2020	09/16/2020	12/08/2020
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	01/04/2005	01/04/2005	02/04/2005
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	06/30/2019	04/22/2020	07/09/2020
PA	INST CONTROL	Institutional Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	LAST	Storage Tank Release Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	LUST	Storage Tank Release Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	MINES	Abandoned Mine Land Inventory	PASDA	01/07/2021	01/21/2021	02/16/2021
PA	NPDES	NPDES Permit Listing	Department of Environmental Protection	11/30/2020	12/01/2020	02/16/2021
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	11/13/2020	11/13/2020	02/01/2021
PA	RGH HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department Environmental Protection		07/01/2013	12/30/2013
PA	RGH LF	Recovered Government Archive Solid Waste Facilities List	Department Environmental Protection		07/01/2013	01/10/2014
PA	RGH 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	10/12/2020	10/13/2020	01/04/2021
PA	SPILLS	State spills	DEP, Emergency Response	01/21/2021	01/22/2021	02/02/2021
PA	SWF/LF	Operating Facilities	Department of Environmental Protection	11/13/2020	11/18/2020	02/05/2021
PA	UIC	Underground Injection Wells	Department of Environmental Protection	09/14/2020	09/16/2020	12/08/2020
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	12/01/2020	12/09/2020	02/24/2021
PA	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	10/05/2020	10/07/2020	12/30/2020
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	09/16/2020	09/17/2020	12/10/2020
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
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	09/30/2020	10/08/2020	01/04/2021
US	CORRACTS	Corrective Action Report	EPA	12/14/2020	12/17/2020	12/22/2020
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	11/03/2020	11/17/2020	02/09/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	12/30/2020	01/14/2021	02/09/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	10/03/2020	10/06/2020	01/04/2021
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.			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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	12/14/2020	12/15/2020	12/22/2020
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	04/03/2019	04/05/2019	05/14/2019
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	07/21/2020	09/03/2020	11/25/2020
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2020	12/01/2020	01/25/2021
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	09/29/2020	11/17/2020	01/25/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/13/2020	11/13/2020	01/25/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
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	09/20/2020	09/22/2020	12/14/2020
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	04/29/2020	05/20/2020	08/12/2020
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/15/2020	05/20/2020	08/12/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2020	05/20/2020	08/12/2020
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	04/29/2020	05/20/2020	08/12/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/03/2020	05/20/2020	08/12/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/13/2020
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2020	05/20/2020	08/12/2020
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	12/30/2020	01/14/2021	02/09/2021
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	12/30/2020	01/14/2021	02/18/2021
US	LUCIS	Land Use Control Information System	Department of the Navy	11/11/2020	11/17/2020	02/09/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	11/24/2020	11/30/2020	01/25/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/05/2020	08/10/2020	10/08/2020
US	NPL	National Priority List	EPA	12/30/2020	01/14/2021	02/09/2021
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	10/09/2019	10/11/2019	12/20/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
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	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	04/27/2020	05/06/2020	06/09/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/30/2020	01/14/2021	02/09/2021
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	12/14/2020	12/17/2020	12/22/2020
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2020	11/12/2020	01/25/2021
US	ROD	Records Of Decision	EPA	12/30/2020	01/14/2021	02/18/2021
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	12/30/2020	01/14/2021	02/18/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	12/30/2020	01/14/2021	02/18/2021
US	SSTS	Section 7 Tracking Systems	EPA	10/19/2020	10/19/2020	01/04/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
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	09/14/2020	09/15/2020	12/10/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/21/2020	09/22/2020	12/14/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/03/2020	11/23/2020	01/25/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
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	12/31/2018	07/02/2020	09/17/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	08/10/2020	10/20/2020	11/02/2020
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	01/01/2019	04/29/2020	07/10/2020
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2019	02/11/2021	02/24/2021
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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

S.R. 0001 - RC3 NORTH SECTION
SR 0001
LANGHORNE, PA 19047

TARGET PROPERTY COORDINATES

Latitude (North):	40.171164 - 40° 10' 16.19"
Longitude (West):	74.914809 - 74° 54' 53.31"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	507253.9
UTM Y (Meters):	4446548.0
Elevation:	204 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5946463 LANGHORNE, PA
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

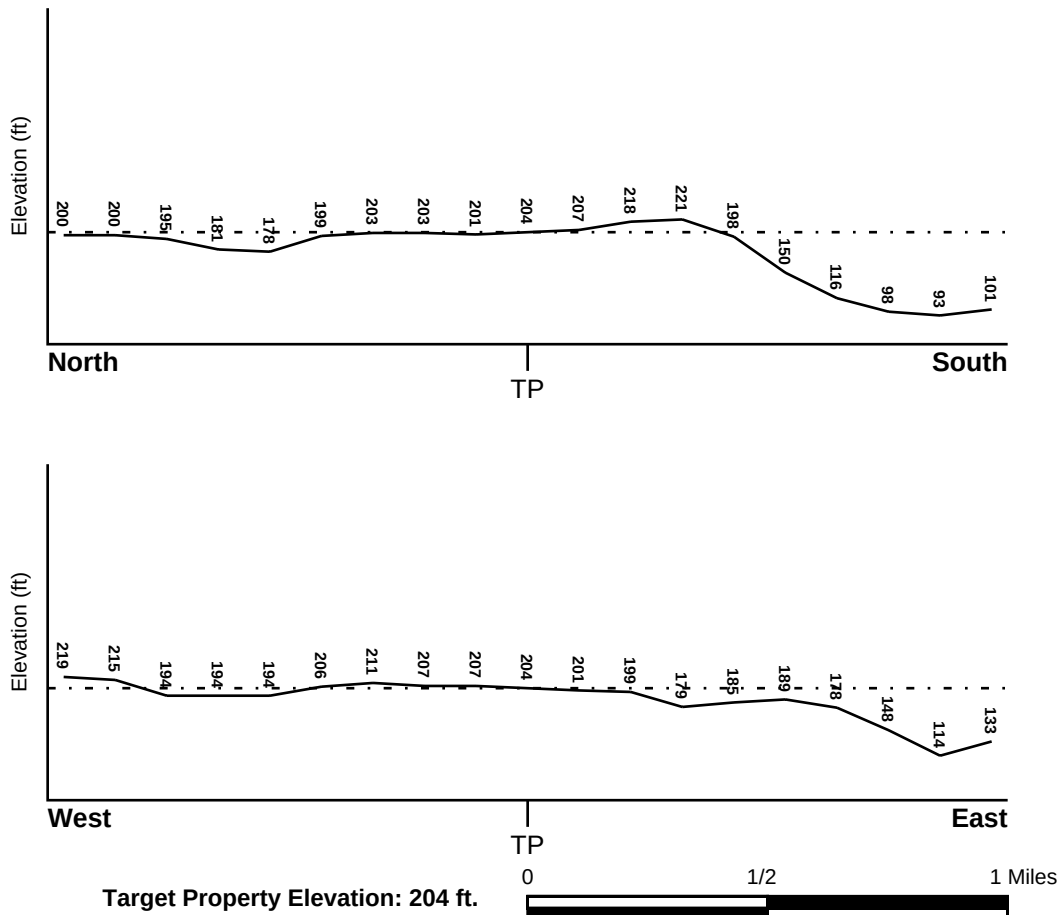
TOPOGRAPHIC INFORMATION

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 NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42017C0441J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
42017C0442J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LANGHORNE	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 FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
31	1/2 - 1 Mile SSE	Not Reported
34	1/2 - 1 Mile SE	N
I35	1/2 - 1 Mile SSE	Not Reported
1G	1/2 - 1 Mile SE	N
2G	1/2 - 1 Mile SSE	Not Reported
3G	1/2 - 1 Mile SSE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

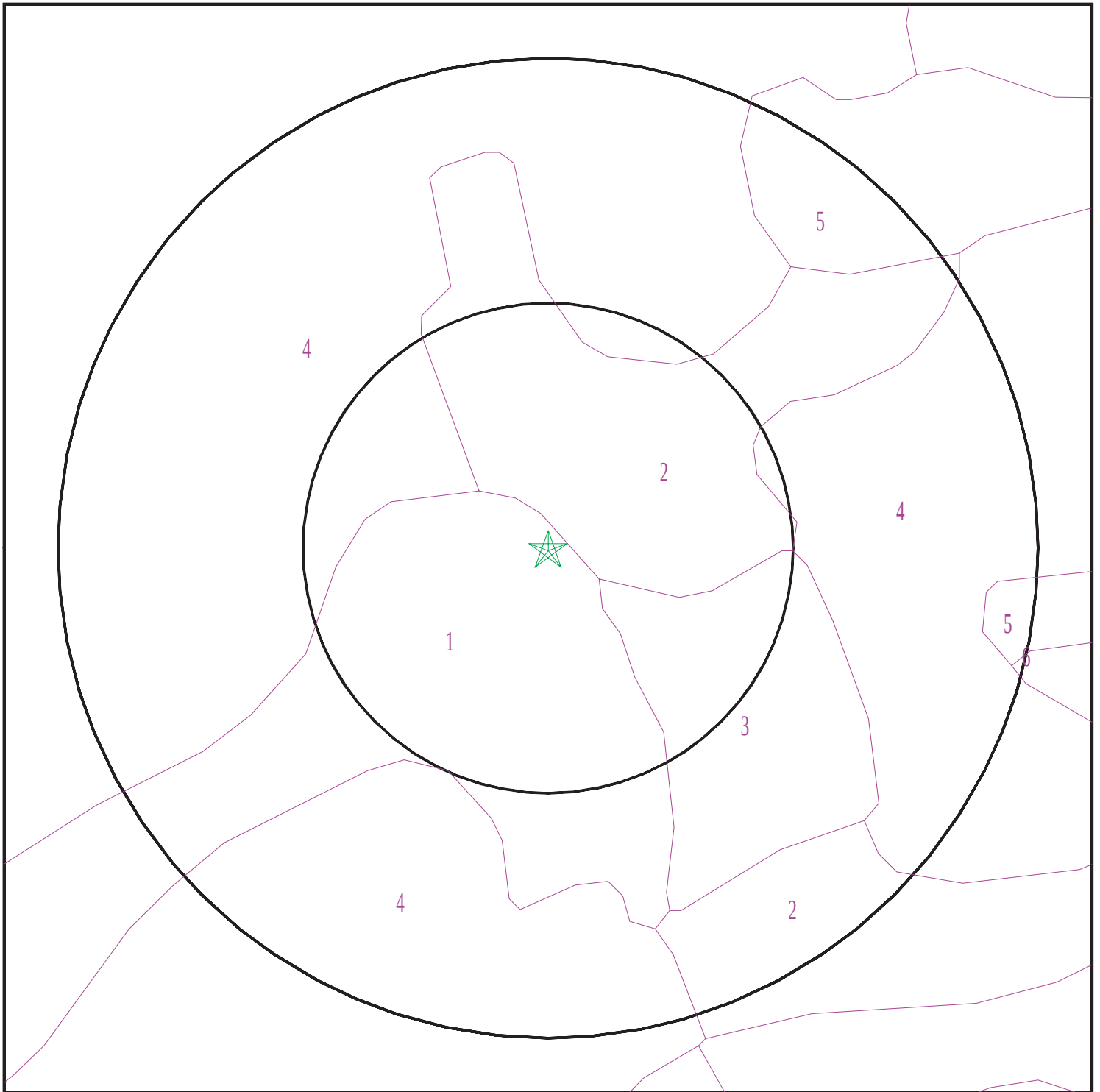
Era:	Precambrian
System:	Precambrian
Series:	Orthogneiss
Code:	Ygn (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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 - 6388135.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: S.R. 0001 - RC3 North Section
ADDRESS: SR 0001
LANGHORNE PA 19047
LAT/LONG: 40.171164 / 74.914809

CLIENT: Susquehanna Civil, Inc.
CONTACT: Bailey Bzdak
INQUIRY #: 6388135.2s
DATE: March 02, 2021 3:49 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: Urban land

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 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	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Chester

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Lawrenceville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
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: 4.23 Min: 1.41	Max: 6 Min: 4.5
2	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: 4.23 Min: 1.41	Max: 6 Min: 4.5
3	25 inches	44 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: 4.23 Min: 1.41	Max: 6 Min: 4.5
4	44 inches	74 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: 4.23 Min: 1.41	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Chalfont

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1
2	9 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1
3	20 inches	57 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1

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	57 inches	70 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1

Soil Map ID: 6

Soil Component Name: Chester

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

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	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

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>
A2	USGS40001011380	0 - 1/8 Mile NW
A5	USGS40001011410	1/8 - 1/4 Mile NNW
B7	USGS40001011371	1/8 - 1/4 Mile ENE
C11	USGS40001011575	1/2 - 1 Mile NNE
D13	USGS40001011426	1/2 - 1 Mile ENE
E17	USGS40001011074	1/2 - 1 Mile SW
F22	USGS40001011007	1/2 - 1 Mile SW
G25	USGS40001010972	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	PA1090025	1/8 - 1/4 Mile NW

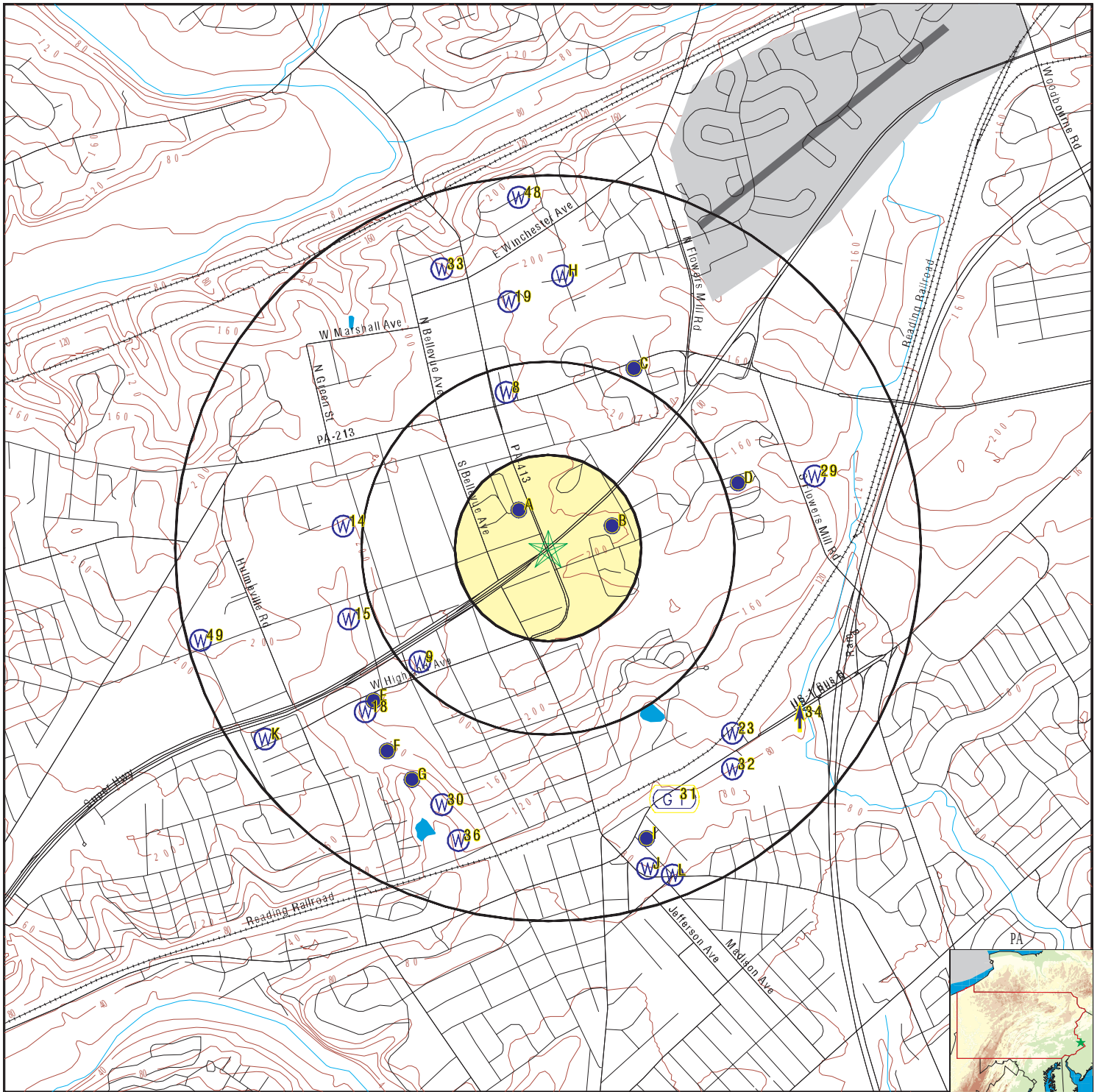
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	PASI60000004919	0 - 1/8 Mile NW
A4	PASI60000004925	1/8 - 1/4 Mile NNW
B6	PASI60000004914	1/8 - 1/4 Mile ENE
8	PASI60000391724	1/4 - 1/2 Mile NNW
9	PASI600000067299	1/4 - 1/2 Mile SW
C10	PASI600000004940	1/2 - 1 Mile NNE
D12	PASI600000004928	1/2 - 1 Mile ENE
14	PASI600000004915	1/2 - 1 Mile West
15	PASI600000004882	1/2 - 1 Mile WSW
E16	PASI600000004853	1/2 - 1 Mile SW
18	PASI600000004847	1/2 - 1 Mile SW
19	PASI60000391316	1/2 - 1 Mile North
F20	PASI600000004825	1/2 - 1 Mile SW
F21	PASI600000004834	1/2 - 1 Mile SW
23	PASI600000064684	1/2 - 1 Mile SE
F24	PASI600000004832	1/2 - 1 Mile SW
H26	PASI60000391089	1/2 - 1 Mile North
H27	PASI600000402054	1/2 - 1 Mile North
G28	PASI600000004823	1/2 - 1 Mile SSW
29	PASI600000064603	1/2 - 1 Mile ENE
30	PASI600000004818	1/2 - 1 Mile SSW
32	PASI600000064598	1/2 - 1 Mile SE
33	PASI600000064694	1/2 - 1 Mile NNW
36	PASI600000004813	1/2 - 1 Mile SSW
I37	PASI60000407830	1/2 - 1 Mile SSE
J38	PASI60000407779	1/2 - 1 Mile SSE
J39	PASI60000407775	1/2 - 1 Mile SSE
J40	PASI60000407831	1/2 - 1 Mile SSE
J41	PASI60000407834	1/2 - 1 Mile SSE
J42	PASI60000407832	1/2 - 1 Mile SSE
K43	PASI60000414266	1/2 - 1 Mile SW
K44	PASI60000414235	1/2 - 1 Mile SW
J45	PASI60000418775	1/2 - 1 Mile SSE
L46	PASI60000418774	1/2 - 1 Mile SSE
L47	PASI60000418773	1/2 - 1 Mile SSE
48	PASI60000213782	1/2 - 1 Mile North
49	PASI600000064671	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 6388135.2s



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

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

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE PA 19047
 LAT/LONG: 40.171164 / 74.914809

CLIENT: Susquehanna Civil, Inc.
 CONTACT: Bailey Bzdak
 INQUIRY #: 6388135.2s
 DATE: March 02, 2021 3:49 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

A1
NW
0 - 1/8 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004919

A2
NW
0 - 1/8 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001011380

A3
NW
1/8 - 1/4 Mile
Higher

[Click here for full text details](#)

FRDS PWS

PA1090025

A4
NNW
1/8 - 1/4 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004925

A5
NNW
1/8 - 1/4 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001011410

B6
ENE
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004914

B7
ENE
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001011371

8
NNW
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000391724

9
SW
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000067299

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

C10
NNE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004940

C11
NNE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001011575

D12
ENE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004928

D13
ENE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001011426

14
West
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004915

15
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004882

E16
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004853

E17
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001011074

18
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004847

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

19
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000391316

F20
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004825

F21
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004834

F22
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001011007

23
SE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064684

F24
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004832

G25
SSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001010972

H26
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000391089

H27
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000402054

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

G28
SSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004823

29
ENE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064603

30
SSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004818

31
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26037

32
SE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064598

33
NNW
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000064694

34
SE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

25942

I35
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26029

36
SSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004813

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

I37
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407830

J38
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407779

J39
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407775

J40
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407831

J41
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407834

J42
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000407832

K43
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000414266

K44
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000414235

J45
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000418775

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

L46
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000418774

L47
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000418773

48
North
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000213782

49
WSW
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000064671

1G
SE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

25942

2G
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26037

3G
SSE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26029

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
19047	4608	0	550.5	4.1

EPA Region 3 Statistical Summary Readings for Zip Code: 19047

Number of sites tested: 2538.

Maximum Radon Level: 940.0 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
1949 (76.79%)	416 (16.39%)	98 (3.86%)	52 (2.05%)	11 (0.43%)	12 (0.47%)

Federal EPA Radon Zone for BUCKS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

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 and 2010 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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.2s

March 02, 2021

EDR Summary Radius Map Report



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	59
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-13
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

SR 0001
LANGHORNE, PA 19047

COORDINATES

Latitude (North):	40.1588410 - 40° 9' 31.82"
Longitude (West):	74.9414690 - 74° 56' 29.28"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	504984.7
UTM Y (Meters):	4445178.5
Elevation:	184 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:	20150816
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SR 0001
LANGHORNE, PA 19047

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	WAWA 277	2250 LINCOLN HWY	PA UST	Lower	1 ft.
2	MIKE PIAZZA COLLISIO	1872 LINCOLN HWY	RCRA-VSQG, FINDS, ECHO	Lower	1 ft.
3	TRANS AMERICA PRINTI	2030 OLD LINCOLN HWY	RCRA-VSQG	Lower	1 ft.
4	OUR LADY OF GRACE CE	1215 SUPER HWY	PA ARCHIVE UST	Higher	38, 0.007, NE
5	PUMP STA 4A	2002 W OLD LINCOLN H	PA UST	Lower	637, 0.121, SSW
A6	DAVIS ACURA	2051 E LINCOLN HWY	PA LUST, PA ARCHIVE UST	Lower	927, 0.176, South
A7	DAVID DAVIS ENTERPRI	2051 E LINCOLN HWY	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	927, 0.176, South
8	LANGHORNE PALG UST I	1266 OLD LINCOLN HWY	PA LUST, PA UST, PA AUL	Higher	995, 0.188, NNE
9	MOBIL OIL CORP SS# F	RTE 1 & HULMEVILLE R	RCRA-SQG	Lower	1015, 0.192, ENE
10	AMETEK INC PMT PRODU	820 PENNSYLVANIA AVE	PA MANIFEST	Higher	1031, 0.195, ENE
11	CAMERON-SABA TRACT	2011 W LINCOLN HGY	SEMS-ARCHIVE	Lower	1085, 0.205, South
12	RELIABLE OIL SERVICE	522 ROSEWOOD AVE	RCRA NonGen / NLR	Higher	1121, 0.212, NNE
13	ARTCRAFT MACH	1115 W GILLIAN AVE	PA UNREG LTANKS	Higher	1144, 0.217, NNE
14	CAMERON-SABA	US ROUTE 1, BUSINESS	PA SHWS	Lower	1299, 0.246, South
B15	NESHAMINY AUTO PAINT	1907 W LINCOLN HWY	RCRA NonGen / NLR, FINDS, ECHO	Lower	1310, 0.248, South
B16	FRANK BASH ENGINES	1907 W LINCOLN HWY	RCRA-VSQG	Lower	1310, 0.248, South
17	SYLVESTERS MKT	1205 HIGHLAND AVE	PA LUST	Higher	1365, 0.259, East
18	MORANCIK RES	178 S HAWTHORNE AVE	PA VCP	Lower	2604, 0.493, North
19	HERALD PROD	10 LINCOLN AVE	PA SHWS	Lower	4748, 0.899, East

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 identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMERON-SABA TRACT Site ID: 0301207 EPA Id: PAD980508444	2011 W LINCOLN HGY	S 1/8 - 1/4 (0.205 mi.)	11	10

Federal RCRA generators list

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL CORP SS# F EPA ID:: PAD987335015	RTE 1 & HULMEVILLE R	ENE 1/8 - 1/4 (0.192 mi.)	9	10

RCRA-VSQG: A review of the RCRA-VSQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 4 RCRA-VSQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MIKE PIAZZA COLLISIO</i>	<i>1872 LINCOLN HWY</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>2</i>	<i>8</i>

EXECUTIVE SUMMARY

EPA ID:: PA0000114397				
TRANS AMERICA PRINTI	2030 OLD LINCOLN HWY	0 - 1/8 (0.000 mi.)	3	8
EPA ID:: PAR000256248				
DAVID DAVIS ENTERPRI	2051 E LINCOLN HWY	S 1/8 - 1/4 (0.176 mi.)	A7	9
EPA ID:: PAD987366176				
FRANK BASH ENGINES	1907 W LINCOLN HWY	S 1/8 - 1/4 (0.248 mi.)	B16	12
EPA ID:: PAR000503086				

State- and tribal - equivalent NPL

PA SHWS: A review of the PA SHWS list, as provided by EDR, and dated 10/12/2020 has revealed that there are 2 PA SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMERON-SABA Site Id: 624458 Facility Id: 643197	US ROUTE 1, BUSINESS	S 1/8 - 1/4 (0.246 mi.)	14	11
HERALD PROD Site Id: 511140 Facility Id: 620543	10 LINCOLN AVE	E 1/2 - 1 (0.899 mi.)	19	12

State and tribal leaking storage tank lists

PA LUST: A review of the PA LUST list, as provided by EDR, and dated 12/01/2020 has revealed that there are 3 PA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGHORNE PALG UST I Facility Id: 582732	1266 OLD LINCOLN HWY	NNE 1/8 - 1/4 (0.188 mi.)	8	10
SYLVESTERS MKT Facility Id: 582472	1205 HIGHLAND AVE	E 1/4 - 1/2 (0.259 mi.)	17	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVIS ACURA Facility Id: 583420	2051 E LINCOLN HWY	S 1/8 - 1/4 (0.176 mi.)	A6	9

PA UNREG LTANKS: A review of the PA UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there is 1 PA UNREG LTANKS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARTCRAFT MACH	1115 W GILLIAN AVE	NNE 1/8 - 1/4 (0.217 mi.)	13	11

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

PA UST: A review of the PA UST list, as provided by EDR, and dated 12/01/2020 has revealed that there are 3 PA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGHORNE PALG UST I Site ID: 505411 Tank Status: Currently In Use	1266 OLD LINCOLN HWY	NNE 1/8 - 1/4 (0.188 mi.)	8	10

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WAWA 277 Site ID: 566826 Tank Status: Currently In Use	2250 LINCOLN HWY	0 - 1/8 (0.000 mi.)	1	8
PUMP STA 4A Site ID: 566722 Tank Status: Currently In Use	2002 W OLD LINCOLN H	SSW 0 - 1/8 (0.121 mi.)	5	9

State and tribal institutional control / engineering control registries

PA AUL: A review of the PA AUL list, as provided by EDR, and dated 10/12/2020 has revealed that there is 1 PA AUL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANGHORNE PALG UST I Facility Id: 582732	1266 OLD LINCOLN HWY	NNE 1/8 - 1/4 (0.188 mi.)	8	10

State and tribal voluntary cleanup sites

PA VCP: A review of the PA VCP list, as provided by EDR, and dated 10/05/2020 has revealed that there is 1 PA VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MORANCIK RES Activity ID: 726727	178 S HAWTHORNE AVE	N 1/4 - 1/2 (0.493 mi.)	18	12

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

PA ARCHIVE UST: A review of the PA ARCHIVE UST list, as provided by EDR, and dated 12/01/2020 has

EXECUTIVE SUMMARY

revealed that there are 2 PA ARCHIVE UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OUR LADY OF GRACE CE Status: Closed Without a Permit Facility Id: 09-13614 Site ID: 566477	1215 SUPER HWY	NE 0 - 1/8 (0.007 mi.)	4	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVIS ACURA Status: Closed Without a Permit Facility Id: 09-44487 Site ID: 567290	2051 E LINCOLN HWY	S 1/8 - 1/4 (0.176 mi.)	A6	9

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RELIABLE OIL SERVICE EPA ID:: PAD982572422	522 ROSEWOOD AVE	NNE 1/8 - 1/4 (0.212 mi.)	12	11
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NESHAMINY AUTO PAINT EPA ID:: PAD084763374	1907 W LINCOLN HWY	S 1/8 - 1/4 (0.248 mi.)	B15	11

PA MANIFEST: A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMETEK INC PMT PRODU Generator EPA Id: PAD981941016	820 PENNSYLVANIA AVE	ENE 1/8 - 1/4 (0.195 mi.)	10	10

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DAVID DAVIS ENTERPRI EPA ID: PAD987366176	2051 E LINCOLN HWY	S 1/8 - 1/4 (0.176 mi.)	A7	9

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BENSALEM LAMBERTVILLE	1003867118 S106762992	BENSALEM PARK SITE LAMBERTS HILL	HULMEVILLE BYBERRY ROAD N MAIN ST (SOUTH OF RTE 202)	19020 19020	SEMS-ARCHIVE NJ VCP

OVERVIEW MAP - 6388199.2S



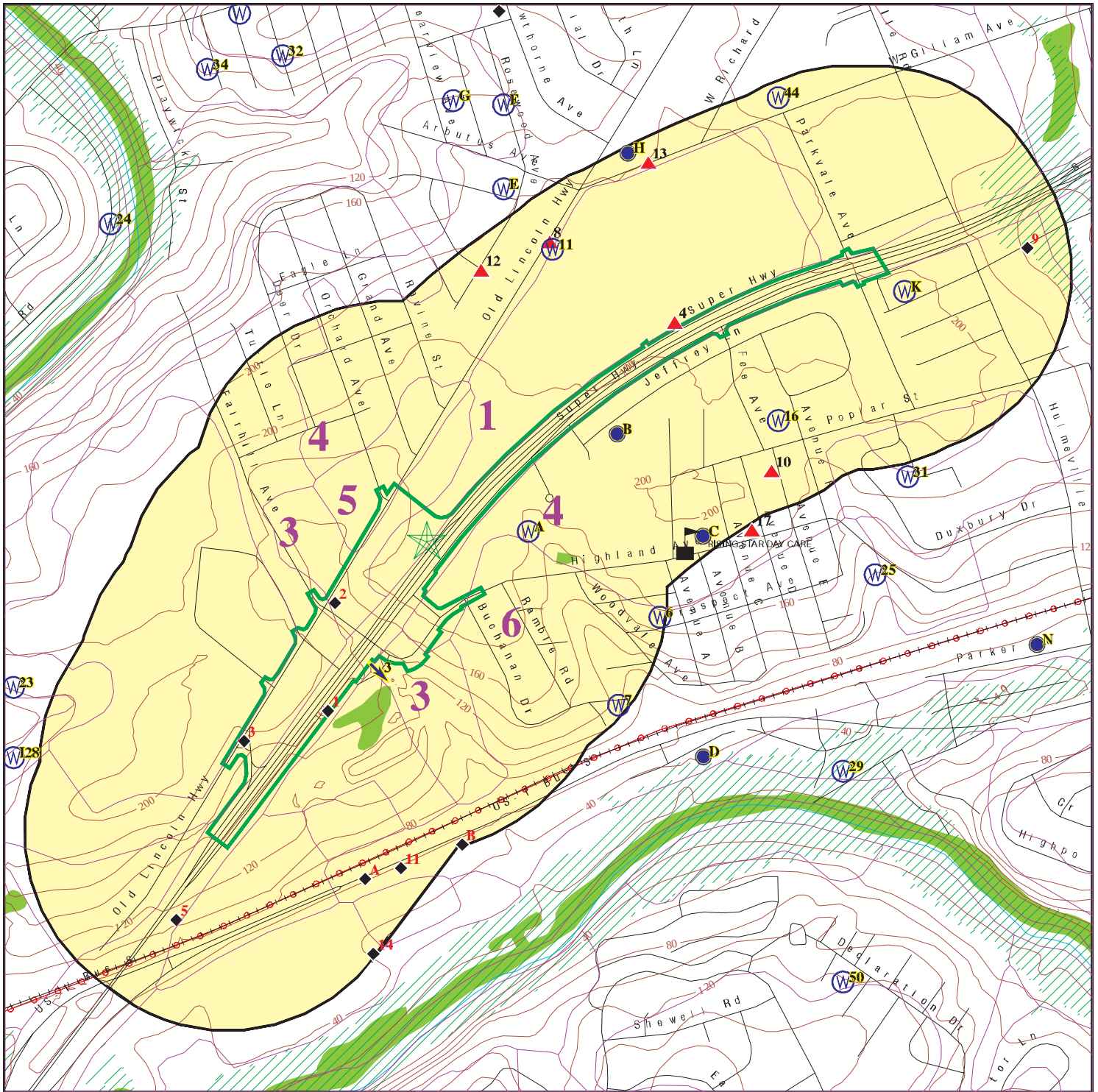
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne PA 19047
 LAT/LONG: 40.158841 / 74.941469

CLIENT: Susquehanna Civil, Inc.
 CONTACT: Bailey Bzdak
 INQUIRY #: 6388199.2s
 DATE: March 02, 2021 3:48 pm

DETAIL MAP - 6388199.2S



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

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

0 1/8 1/4 1/2 Miles



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

SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne PA 19047
LAT/LONG: 40.158841 / 74.941469

CLIENT: Susquehanna Civil, Inc.
CONTACT: Bailey Bzdak
INQUIRY #: 6388199.2s
DATE: March 02, 2021 3:49 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>Federal NPL site list</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>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		2	2	NR	NR	NR	4
<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>State- and tribal - equivalent NPL</i>								
PA SHWS	1.000		0	1	0	1	NR	2
PA HSCA	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
PA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PA LUST	0.500		0	2	1	NR	NR	3
PA LAST	0.500		0	0	0	NR	NR	0
INDIAN 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
PA UNREG LTANKS	0.500		0	1	0	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
PA UST	0.250		2	1	NR	NR	NR	3
PA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
PA ENG CONTROLS	0.500		0	0	0	NR	NR	0
PA INST CONTROL	0.500		0	0	0	NR	NR	0
PA AUL	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
PA VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
PA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
PA HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
PA ARCHIVE UST	0.250		1	1	NR	NR	NR	2
PA ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
PA ACT 2-DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
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
PA SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
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
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PA AIRS	TP		NR	NR	NR	NR	NR	0
PA ASBESTOS	TP		NR	NR	NR	NR	NR	0
PA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		0	1	NR	NR	NR	1
PA MINES	0.250		0	0	NR	NR	NR	0
PA NPDES	TP		NR	NR	NR	NR	NR	0
PA UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

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
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
PA RGA HWS	TP		NR	NR	NR	NR	NR	0
PA RGA LF	TP		NR	NR	NR	NR	NR	0
PA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	5	15	2	1	0	23

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1

< 1/8
1 ft.

WAWA 277
2250 LINCOLN HWY
BENSALEM, PA 19020

PA UST
U003772315
N/A

Relative:
Lower

[Click here for full text details](#)
PA UST
Site ID 566826
Tank Status Currently In Use

2

< 1/8
1 ft.

MIKE PIAZZA COLLISION CTR/LANGHORNE
1872 LINCOLN HWY
LANGHORNE, PA 19047

RCRA-VSQG
FINDS
ECHO
1004772261
PA0000114397

Relative:
Lower

[Click here for full text details](#)
RCRA-VSQG
EPA Id PA0000114397

FINDS

Registry ID: 110060019331
Registry ID: 110000992766

ECHO

Registry ID 110000992766
Registry ID 110060019331

3

< 1/8
1 ft.

TRANS AMERICA PRINTING
2030 OLD LINCOLN HWY
LANHMORE, PA 19047

RCRA-VSQG
1001489793
PAR000256248

Relative:
Lower

[Click here for full text details](#)
RCRA-VSQG
EPA Id PAR000256248

4
NE
< 1/8
0.007 mi.
38 ft.

OUR LADY OF GRACE CEMETERY
1215 SUPER HWY
LANGHORNE, PA 19047

PA ARCHIVE UST
S111114358
N/A

Relative:
Higher

[Click here for full text details](#)
PA ARCHIVE UST
Facility Id 09-13614
Site ID 566477
Status Closed Without a Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

5
SSW
< 1/8
0.121 mi.
637 ft.

PUMP STA 4A
2002 W OLD LINCOLN HWY
LANGHORNE, PA 19047

PA UST

U003214225
N/A

Relative:
Lower

[Click here for full text details](#)

PA UST

Site ID 566722
Tank Status Currently In Use

A6
South
1/8-1/4
0.176 mi.
927 ft.

DAVIS ACURA
2051 E LINCOLN HWY
LANGHORNE, PA 19047

PA LUST
PA ARCHIVE UST

S103041710
N/A

Relative:
Lower

[Click here for full text details](#)

PA LUST

Facility Id 583420

PA ARCHIVE UST

Facility Id 09-44487
Site ID 567290
Status Closed Without a Permit

A7
South
1/8-1/4
0.176 mi.
927 ft.

DAVID DAVIS ENTERPRISE INC
2051 E LINCOLN HWY
LANGHORNE, PA 19047

RCRA-VSQG
FINDS
ECHO
NY MANIFEST

1000572034
PAD987366176

Relative:
Lower

[Click here for full text details](#)

RCRA-VSQG

EPA Id PAD987366176

FINDS

Registry ID: 110004864898

ECHO

Registry ID 110004864898

NY MANIFEST

EPA ID PAD987366176

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8
NNE
1/8-1/4
0.188 mi.
995 ft.

LANGHORNE PALG UST II
1266 OLD LINCOLN HWY
LANGHORNE, PA 19047

PA LUST
PA UST
PA AUL

U003346540
N/A

Relative:
Higher

[Click here for full text details](#)

PA LUST

Facility Id 582732

PA UST

Site ID 505411

Tank Status Currently In Use

PA AUL

Facility Id 582732

9
ENE
1/8-1/4
0.192 mi.
1015 ft.

MOBIL OIL CORP SS# FPG
RTE 1 & HULMEVILLE RD
PENNDL, PA 19047

RCRA-SQG

1000569240
PAD987335015

Relative:
Lower

[Click here for full text details](#)

RCRA-SQG

EPA Id PAD987335015

10
ENE
1/8-1/4
0.195 mi.
1031 ft.

AMETEK INC PMT PRODUCTS
820 PENNSYLVANIA AVE
FEASTERVILLE, PA 19047

PA MANIFEST

S109244780
N/A

Relative:
Higher

[Click here for full text details](#)

PA MANIFEST

Generator EPA Id PAD981941016

11
South
1/8-1/4
0.205 mi.
1085 ft.

CAMERON-SABA TRACT
2011 W LINCOLN HGY
LANGHORNE, PA 19047

SEMS-ARCHIVE

1003864994
PAD980508444

Relative:
Lower

[Click here for full text details](#)

SEMS-ARCHIVE

Site ID 0301207

EPA Id PAD980508444

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

12
NNE
1/8-1/4
0.212 mi.
1121 ft.

RELIABLE OIL SERVICE INC
522 ROSEWOOD AVE
LANGHORNE, PA 19047

RCRA NonGen / NLR

1000245338
PAD982572422

Relative:
Higher

[Click here for full text details](#)

RCRA NonGen / NLR
EPA Id PAD982572422

13
NNE
1/8-1/4
0.217 mi.
1144 ft.

ARTCRAFT MACH
1115 W GILLIAN AVE
MIDDLETOWN TWP., PA

PA UNREG LTANKS

S105918081
N/A

Relative:
Higher

[Click here for full text details](#)

14
South
1/8-1/4
0.246 mi.
1299 ft.

CAMERON-SABA
US ROUTE 1, BUSINESS
LOWER PARKLAND, PA 19047

PA SHWS

S115922101
N/A

Relative:
Lower

[Click here for full text details](#)

PA SHWS
Site Id 624458
Facility Id 643197

B15
South
1/8-1/4
0.248 mi.
1310 ft.

NESHAMINY AUTO PAINTING AND BODYWORKS
1907 W LINCOLN HWY
PENNDL, PA 19047

RCRA NonGen / NLR
FINDS
ECHO

1000239403
PAD084763374

Relative:
Lower

[Click here for full text details](#)

RCRA NonGen / NLR
EPA Id PAD084763374

FINDS

Registry ID: 110004846445

ECHO

Registry ID 110004846445

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B16
South
1/8-1/4
0.248 mi.
1310 ft.

FRANK BASH ENGINES
1907 W LINCOLN HWY
LANGHORNE, PA 19047

RCRA-VSQG

1004778469
PAR000503086

Relative:
Lower

[Click here for full text details](#)

RCRA-VSQG
EPA Id PAR000503086

17
East
1/4-1/2
0.259 mi.
1365 ft.

SYLVESTERS MKT
1205 HIGHLAND AVE
PARKLAND, PA 19047

PA LUST

S105800012
N/A

Relative:
Higher

[Click here for full text details](#)

PA LUST
Facility Id 582472

18
North
1/4-1/2
0.493 mi.
2604 ft.

MORANCIK RES
178 S HAWTHORNE AVE
LANGHORNE, PA 19047

PA VCP

S110122910
N/A

Relative:
Lower

[Click here for full text details](#)

PA VCP
Activity ID 726727

19
East
1/2-1
0.899 mi.
4748 ft.

HERALD PROD
10 LINCOLN AVE
PENNDL, PA

PA SHWS

S115912360
N/A

Relative:
Lower

[Click here for full text details](#)

PA SHWS
Site Id 511140
Facility Id 620543

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	09/14/2020	09/16/2020	12/08/2020
PA	ARCHIVE AST	Archived Aboveground Storage Tank Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	ARCHIVE UST	Archived Underground Storage Tank Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	ASBESTOS	Asbestos Notification Listing	Department of Labor & Industry	11/30/2020	12/02/2020	02/17/2021
PA	AST	Listing of Pennsylvania Regulated Aboveground Storage Tanks	Department of Environmental Protection	12/01/2020	12/09/2020	02/24/2021
PA	AUL	Environmental Covenants Listing	Department of Environmental Protection	10/12/2020	10/13/2020	01/04/2021
PA	BROWNFIELDS	Brownfields Sites	Department of Environmental Protection	10/12/2020	10/13/2020	01/04/2021
PA	DRYCLEANERS	Drycleaner Facility Locations	Department of Environmental Protection	09/14/2020	09/16/2020	12/08/2020
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	01/04/2005	01/04/2005	02/04/2005
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	06/30/2019	04/22/2020	07/09/2020
PA	INST CONTROL	Institutional Controls Site Listing	Department of Environmental Protection	05/15/2008	05/16/2008	06/12/2008
PA	LAST	Storage Tank Release Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	LUST	Storage Tank Release Sites	Department of Environmental Protection	12/01/2020	12/09/2020	02/25/2021
PA	MINES	Abandoned Mine Land Inventory	PASDA	01/07/2021	01/21/2021	02/16/2021
PA	NPDES	NPDES Permit Listing	Department of Environmental Protection	11/30/2020	12/01/2020	02/16/2021
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	11/13/2020	11/13/2020	02/01/2021
PA	RGH HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department Environmental Protection		07/01/2013	12/30/2013
PA	RGH LF	Recovered Government Archive Solid Waste Facilities List	Department Environmental Protection		07/01/2013	01/10/2014
PA	RGH 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	10/12/2020	10/13/2020	01/04/2021
PA	SPILLS	State spills	DEP, Emergency Response	01/21/2021	01/22/2021	02/02/2021
PA	SWF/LF	Operating Facilities	Department of Environmental Protection	11/13/2020	11/18/2020	02/05/2021
PA	UIC	Underground Injection Wells	Department of Environmental Protection	09/14/2020	09/16/2020	12/08/2020
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	12/01/2020	12/09/2020	02/24/2021
PA	VCP	Voluntary Cleanup Program Sites	Department of Environmental Protection	10/05/2020	10/07/2020	12/30/2020
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	09/16/2020	09/17/2020	12/10/2020
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
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	09/30/2020	10/08/2020	01/04/2021
US	CORRACTS	Corrective Action Report	EPA	12/14/2020	12/17/2020	12/22/2020
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	11/03/2020	11/17/2020	02/09/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	12/30/2020	01/14/2021	02/09/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	10/03/2020	10/06/2020	01/04/2021
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.			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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	12/14/2020	12/15/2020	12/22/2020
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	04/03/2019	04/05/2019	05/14/2019
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	07/21/2020	09/03/2020	11/25/2020
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2020	12/01/2020	01/25/2021
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	09/29/2020	11/17/2020	01/25/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/13/2020	11/13/2020	01/25/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
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	09/20/2020	09/22/2020	12/14/2020
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	04/29/2020	05/20/2020	08/12/2020
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/15/2020	05/20/2020	08/12/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2020	05/20/2020	08/12/2020
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	04/29/2020	05/20/2020	08/12/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/03/2020	05/20/2020	08/12/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/13/2020
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2020	05/20/2020	08/12/2020
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	12/30/2020	01/14/2021	02/09/2021
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	12/30/2020	01/14/2021	02/18/2021
US	LUCIS	Land Use Control Information System	Department of the Navy	11/11/2020	11/17/2020	02/09/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	11/24/2020	11/30/2020	01/25/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/05/2020	08/10/2020	10/08/2020
US	NPL	National Priority List	EPA	12/30/2020	01/14/2021	02/09/2021
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	10/09/2019	10/11/2019	12/20/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
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	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	04/27/2020	05/06/2020	06/09/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/30/2020	01/14/2021	02/09/2021
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	12/14/2020	12/17/2020	12/22/2020
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2020	11/12/2020	01/25/2021
US	ROD	Records Of Decision	EPA	12/30/2020	01/14/2021	02/18/2021
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	12/30/2020	01/14/2021	02/18/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	12/30/2020	01/14/2021	02/18/2021
US	SSTS	Section 7 Tracking Systems	EPA	10/19/2020	10/19/2020	01/04/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
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	09/14/2020	09/15/2020	12/10/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/21/2020	09/22/2020	12/14/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/03/2020	11/23/2020	01/25/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
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	12/31/2018	07/02/2020	09/17/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	08/10/2020	10/20/2020	11/02/2020
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	01/01/2019	04/29/2020	07/10/2020
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2019	02/11/2021	02/24/2021
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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

S.R. 0001 - RC3 SOUTH SECTION
SR 0001
LANGHORNE, PA 19047

TARGET PROPERTY COORDINATES

Latitude (North):	40.158841 - 40° 9' 31.83"
Longitude (West):	74.941469 - 74° 56' 29.29"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	504984.7
UTM Y (Meters):	4445178.5
Elevation:	184 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5946463 LANGHORNE, PA
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

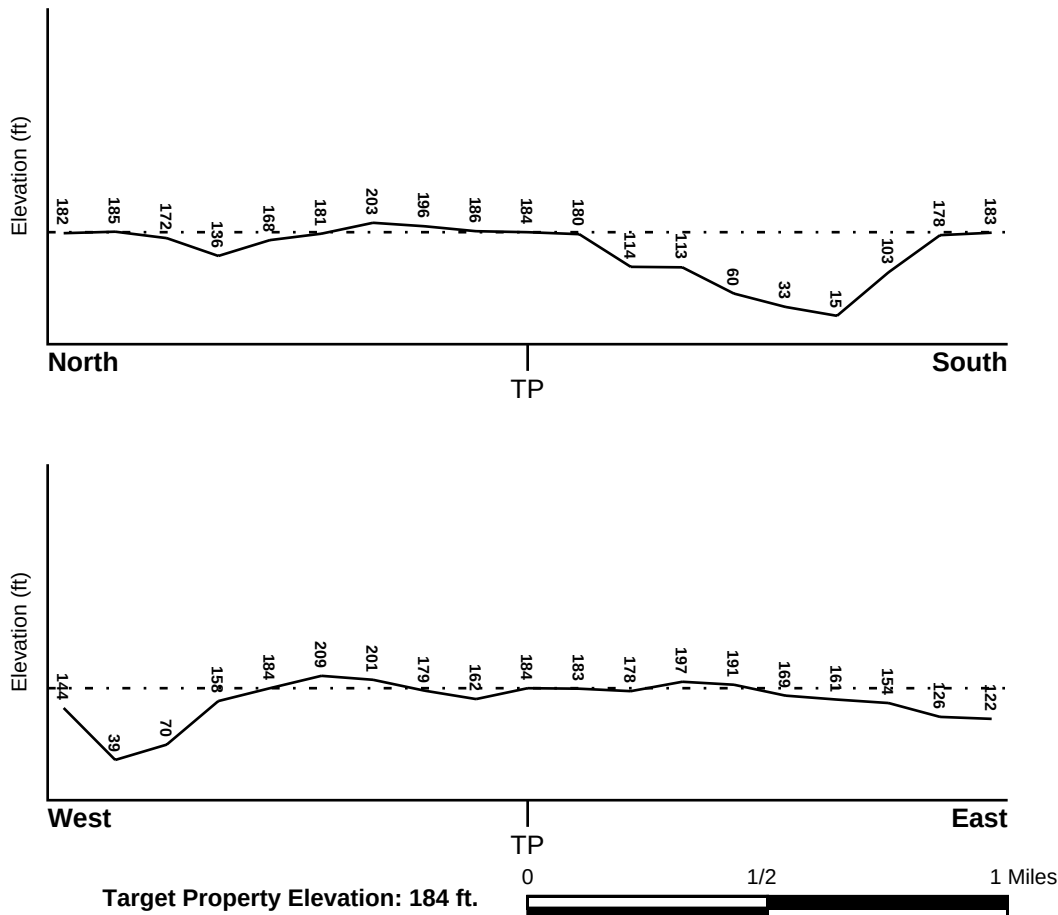
TOPOGRAPHIC INFORMATION

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 South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
42017C0437J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
42017C0441J	FEMA FIRM Flood data
42017C0439J	FEMA FIRM Flood data
42017C0443J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LANGHORNE	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 FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
3	1/8 - 1/4 Mile SSW	SE
58	1/2 - 1 Mile ESE	WNW
1G	1/8 - 1/4 Mile SSW	SE
2G	1/2 - 1 Mile ESE	WNW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

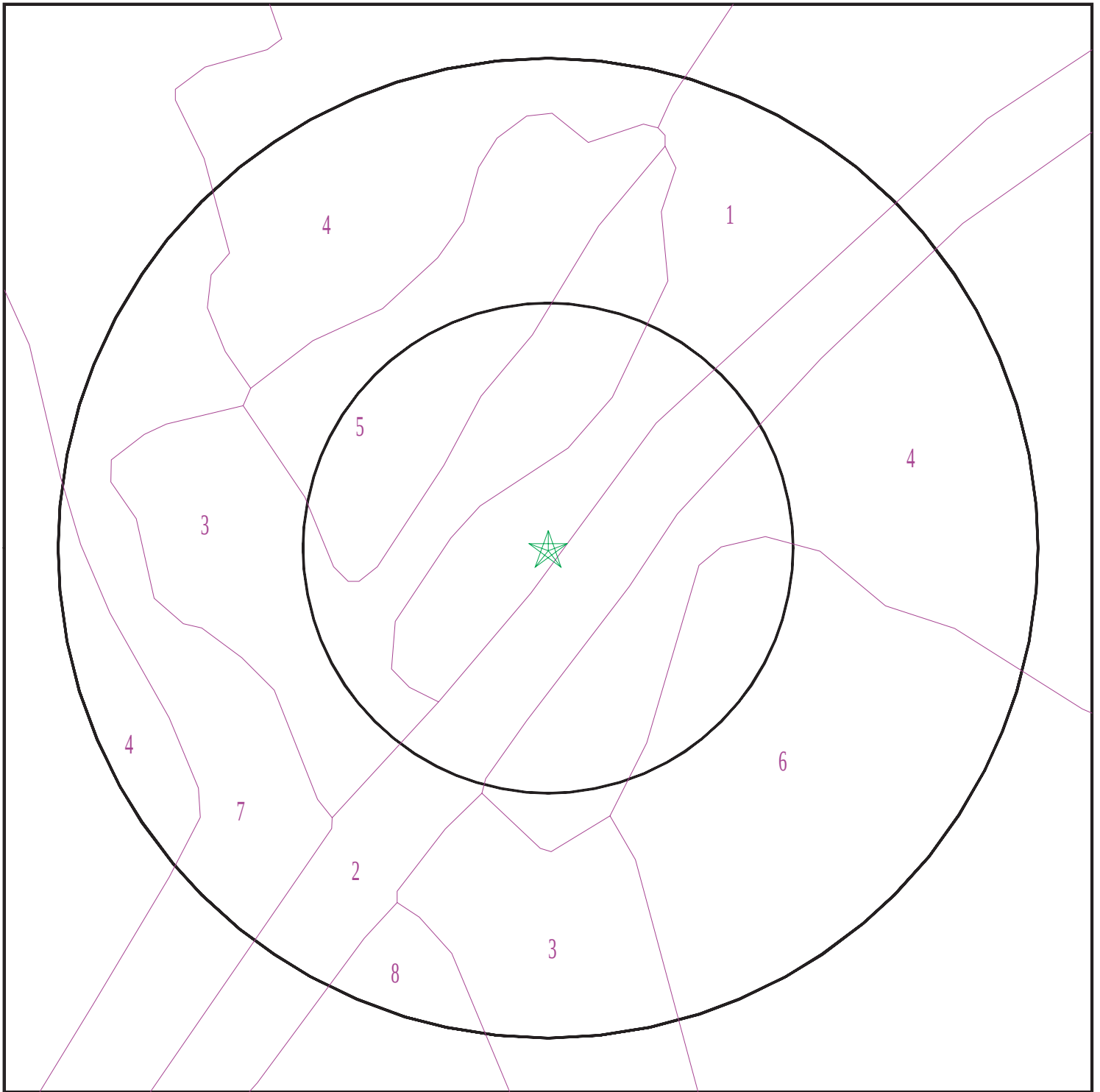
Era:	Precambrian
System:	Precambrian
Series:	Orthogneiss
Code:	Ygn (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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 - 6388199.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne PA 19047
LAT/LONG: 40.158841 / 74.941469

CLIENT: Susquehanna Civil, Inc.
CONTACT: Bailey Bzdak
INQUIRY #: 6388199.2s
DATE: March 02, 2021 3:50 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: Chester

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Udorthents, loamy

Soil Surface Texture: gravelly loam

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 183 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	5 inches	39 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%), Lean Clay	Max: 141.14 Min: 0.42	Max: 7.3 Min: 4.5
2	39 inches	70 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 141.14 Min: 0.42	Max: 7.3 Min: 4.5
3	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 141.14 Min: 0.42	Max: 7.3 Min: 4.5

Soil Map ID: 3

Soil Component Name: Glenville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 53 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
2	9 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
3	18 inches	38 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5
4	38 inches	81 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: variable

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 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	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Urban land

Soil Surface Texture: variable

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:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Chester

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

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	7 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	33 inches	63 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Pits, quarry

Soil Surface Texture: unweathered bedrock

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 1 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	0 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
B5	USGS40001010916	1/4 - 1/2 Mile ENE
7	USGS40001010703	1/4 - 1/2 Mile SE
C10	USGS40001010822	1/4 - 1/2 Mile East
D12	USGS40001010671	1/4 - 1/2 Mile SE
H21	USGS40001011157	1/2 - 1 Mile NNE
H22	USGS40001011158	1/2 - 1 Mile NNE
N52	USGS40001010746	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

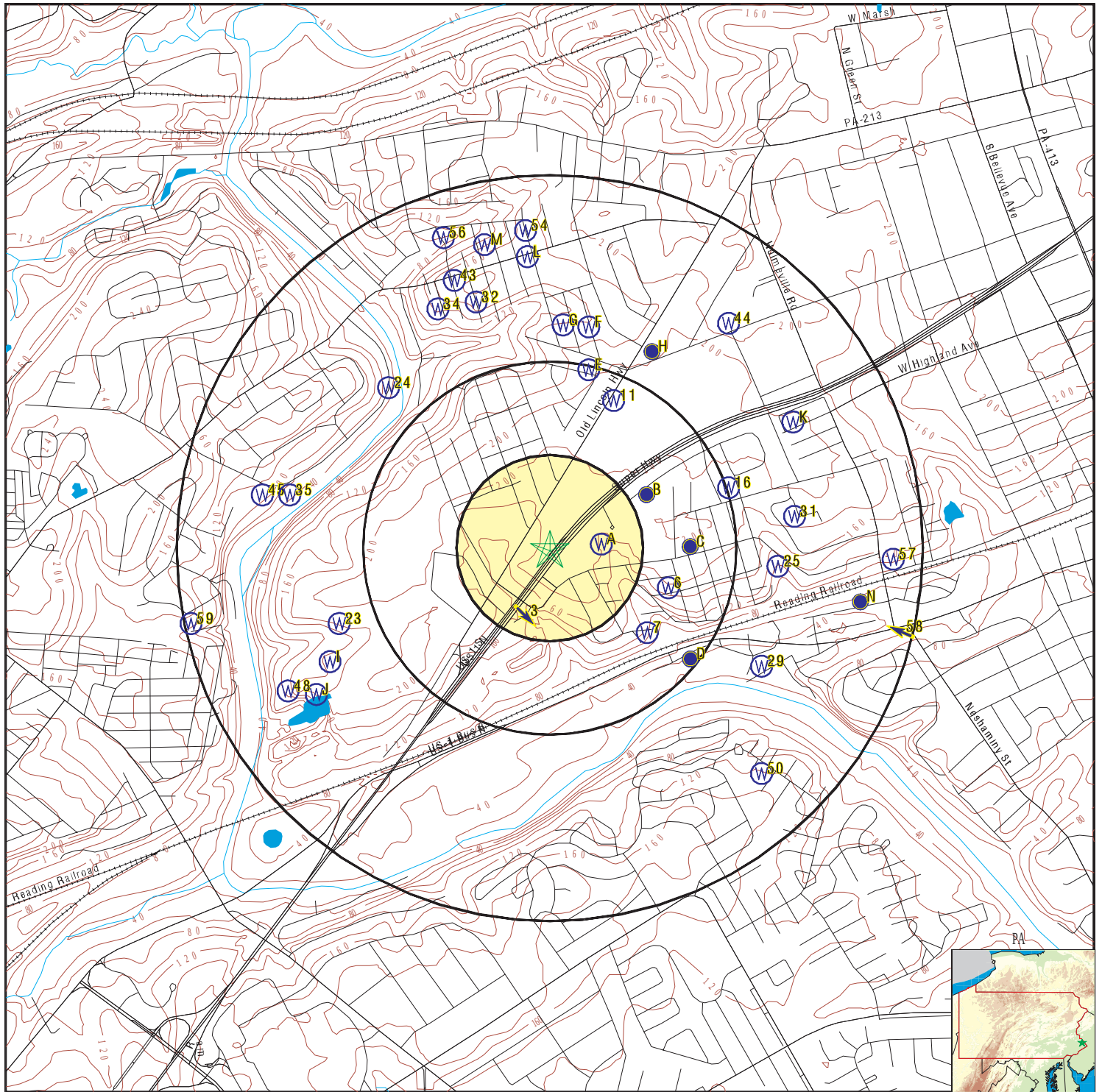
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	PASI60000392333	1/8 - 1/4 Mile East
A2	PASI60000398805	1/8 - 1/4 Mile East
B4	PASI60000004816	1/4 - 1/2 Mile ENE
6	PASI60000064713	1/4 - 1/2 Mile ESE
C8	PASI60000383408	1/4 - 1/2 Mile East
C9	PASI60000004809	1/4 - 1/2 Mile East
11	PASI60000391850	1/4 - 1/2 Mile NNE
D13	PASI60000004799	1/4 - 1/2 Mile SE
E14	PASI60000064668	1/4 - 1/2 Mile NNE
E15	PASI60000064693	1/4 - 1/2 Mile North
16	PASI60000007047	1/2 - 1 Mile ENE
F17	PASI60000064700	1/2 - 1 Mile North
G18	PASI60000418291	1/2 - 1 Mile North
H19	PASI60000004862	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H20	PASI60000004863	1/2 - 1 Mile NNE
23	PASI60000064990	1/2 - 1 Mile WSW
24	PASI60000064985	1/2 - 1 Mile NW
25	PASI60000007044	1/2 - 1 Mile East
G26	PASI60000064712	1/2 - 1 Mile North
F27	PASI60000064685	1/2 - 1 Mile North
I28	PASI60000064982	1/2 - 1 Mile WSW
29	PASI60000064722	1/2 - 1 Mile ESE
I30	PASI60000064983	1/2 - 1 Mile WSW
31	PASI60000007045	1/2 - 1 Mile East
32	PASI60000064601	1/2 - 1 Mile NNW
I33	PASI60000065020	1/2 - 1 Mile WSW
34	PASI60000064600	1/2 - 1 Mile NNW
35	PASI60000065012	1/2 - 1 Mile WNW
J36	PASI60000396899	1/2 - 1 Mile WSW
K37	PASI60000414235	1/2 - 1 Mile ENE
J38	PASI60000396452	1/2 - 1 Mile SW
K39	PASI60000414266	1/2 - 1 Mile ENE
J40	PASI60000065011	1/2 - 1 Mile WSW
J41	PASI60000395960	1/2 - 1 Mile WSW
L42	PASI60000064702	1/2 - 1 Mile North
43	PASI60000064696	1/2 - 1 Mile NNW
44	PASI60000064671	1/2 - 1 Mile NE
45	PASI60000064986	1/2 - 1 Mile West
L46	PASI60000064692	1/2 - 1 Mile North
L47	PASI60000064604	1/2 - 1 Mile North
48	PASI60000395847	1/2 - 1 Mile WSW
M49	PASI60000064704	1/2 - 1 Mile North
50	PASI60000213786	1/2 - 1 Mile SE
N51	PASI60000004805	1/2 - 1 Mile East
M53	PASI60000064677	1/2 - 1 Mile NNW
54	PASI60000064698	1/2 - 1 Mile North
N55	PASI60000064699	1/2 - 1 Mile East
56	PASI60000064697	1/2 - 1 Mile NNW
57	PASI60000064721	1/2 - 1 Mile East
59	PASI60000065041	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 6388199.2s



- 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: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne PA 19047
 LAT/LONG: 40.158841 / 74.941469

CLIENT: Susquehanna Civil, Inc.
 CONTACT: Bailey Bzdak
 INQUIRY #: 6388199.2s
 DATE: March 02, 2021 3:50 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

A1
East
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000392333

A2
East
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000398805

3
SSW
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

31207

B4
ENE
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004816

B5
ENE
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001010916

6
ESE
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064713

7
SE
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001010703

C8
East
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000383408

C9
East
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004809

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

C10
East
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001010822

11
NNE
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000391850

D12
SE
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001010671

D13
SE
1/4 - 1/2 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004799

E14
NNE
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000064668

E15
North
1/4 - 1/2 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000064693

16
ENE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000007047

F17
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064700

G18
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000418291

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

H19
NNE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004862

H20
NNE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000004863

H21
NNE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001011157

H22
NNE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

FED USGS

USGS40001011158

23
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064990

24
NW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064985

25
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000007044

G26
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064712

F27
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064685

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

I28
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064982

29
ESE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064722

I30
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064983

31
East
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000007045

32
NNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064601

I33
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000065020

34
NNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064600

35
WNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000065012

J36
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000396899

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

K37
ENE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000414235

J38
SW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000396452

K39
ENE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000414266

J40
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000065011

J41
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000395960

L42
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064702

43
NNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064696

44
NE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

PA WELLS

PASI60000064671

45
West
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064986

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

L46
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064692

L47
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064604

48
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000395847

M49
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064704

50
SE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000213786

N51
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000004805

N52
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

FED USGS

USGS40001010746

M53
NNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064677

54
North
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064698

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

N55
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064699

56
NNW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064697

57
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000064721

58
ESE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26042

59
WSW
1/2 - 1 Mile
Lower

[Click here for full text details](#)

PA WELLS

PASI60000065041

1G
SSW
1/8 - 1/4 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

31207

2G
ESE
1/2 - 1 Mile
Lower

[Click here for full text details](#)

AQUIFLOW

26042

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
19047	4608	0	550.5	4.1

EPA Region 3 Statistical Summary Readings for Zip Code: 19047

Number of sites tested: 2538.

Maximum Radon Level: 940.0 pCi/L.

Minimum Radon Level: 0.2 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
1949 (76.79%)	416 (16.39%)	98 (3.86%)	52 (2.05%)	11 (0.43%)	12 (0.47%)

Federal EPA Radon Zone for BUCKS County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

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 and 2010 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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX C:
Historical Topographic Maps



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.4

March 02, 2021

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

03/02/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.4

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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.#	20007	Latitude:	40.171164 40° 10' 16" North
Project:	SR 0001 Sect RC3 - N. Section	Longitude:	-74.914809 -74° 54' 53" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	507253.69
		UTM Y Meters:	4446758.51
		Elevation:	204.00' above sea level

Maps Provided:

2013	1907
1993	1906
1973	1904
1966	1893
1953	1890
1947	
1944	
1942	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

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

2013 Source Sheets



Langhorne
2013
7.5-minute, 24000

1993 Source Sheets



Langhorne
1993
7.5-minute, 24000
Aerial Photo Revised 1993

1973 Source Sheets



Langhorne
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1966 Source Sheets



Langhorne
1966
7.5-minute, 24000
Aerial Photo Revised 1965

Topo Sheet Key

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

1953 Source Sheets



Langhorne
1953
7.5-minute, 24000
Aerial Photo Revised 1942

1947 Source Sheets



Langhorne
1947
7.5-minute, 24000
Aerial Photo Revised 1942

1944 Source Sheets



Langhorne
1944
7.5-minute, 24000
Aerial Photo Revised 1942

1942 Source Sheets



Burlington
1942
15-minute, 62500

Topo Sheet Key

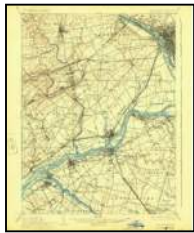
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1907 Source Sheets

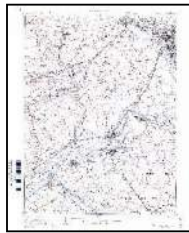


Trenton
1907
30-minute, 125000

1906 Source Sheets



Burlington
1906
15-minute, 62500



BRISTOL
1906
15-minute, 62500

1904 Source Sheets



Burlington
1904
15-minute, 62500

1893 Source Sheets



Burlington
1893
15-minute, 62500

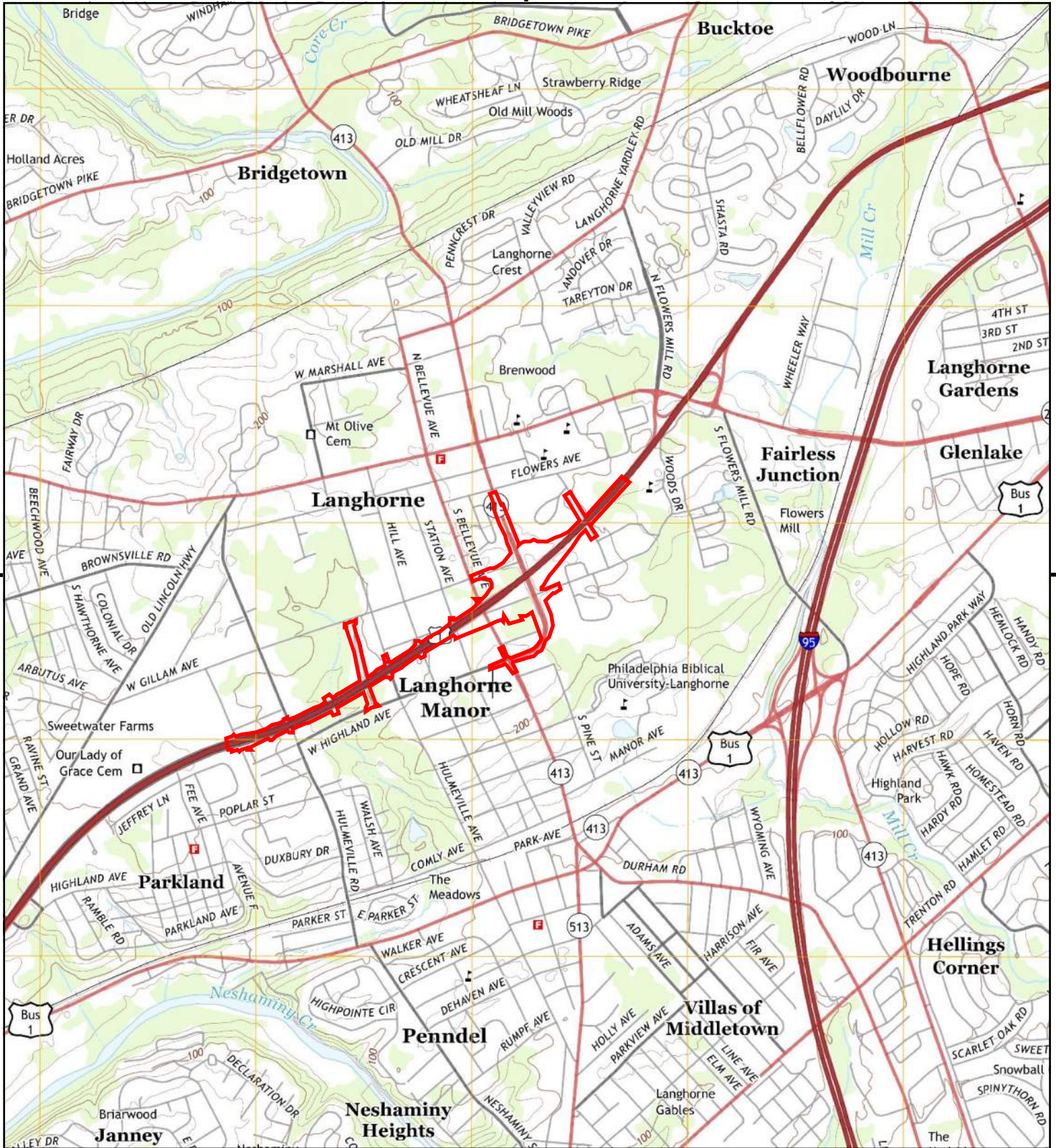
Topo Sheet Key

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

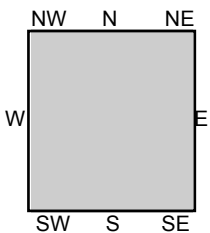
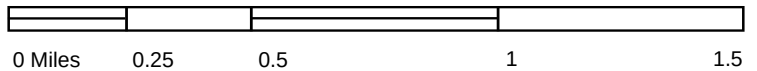
1890 Source Sheets



Burlington
1890
15-minute, 62500



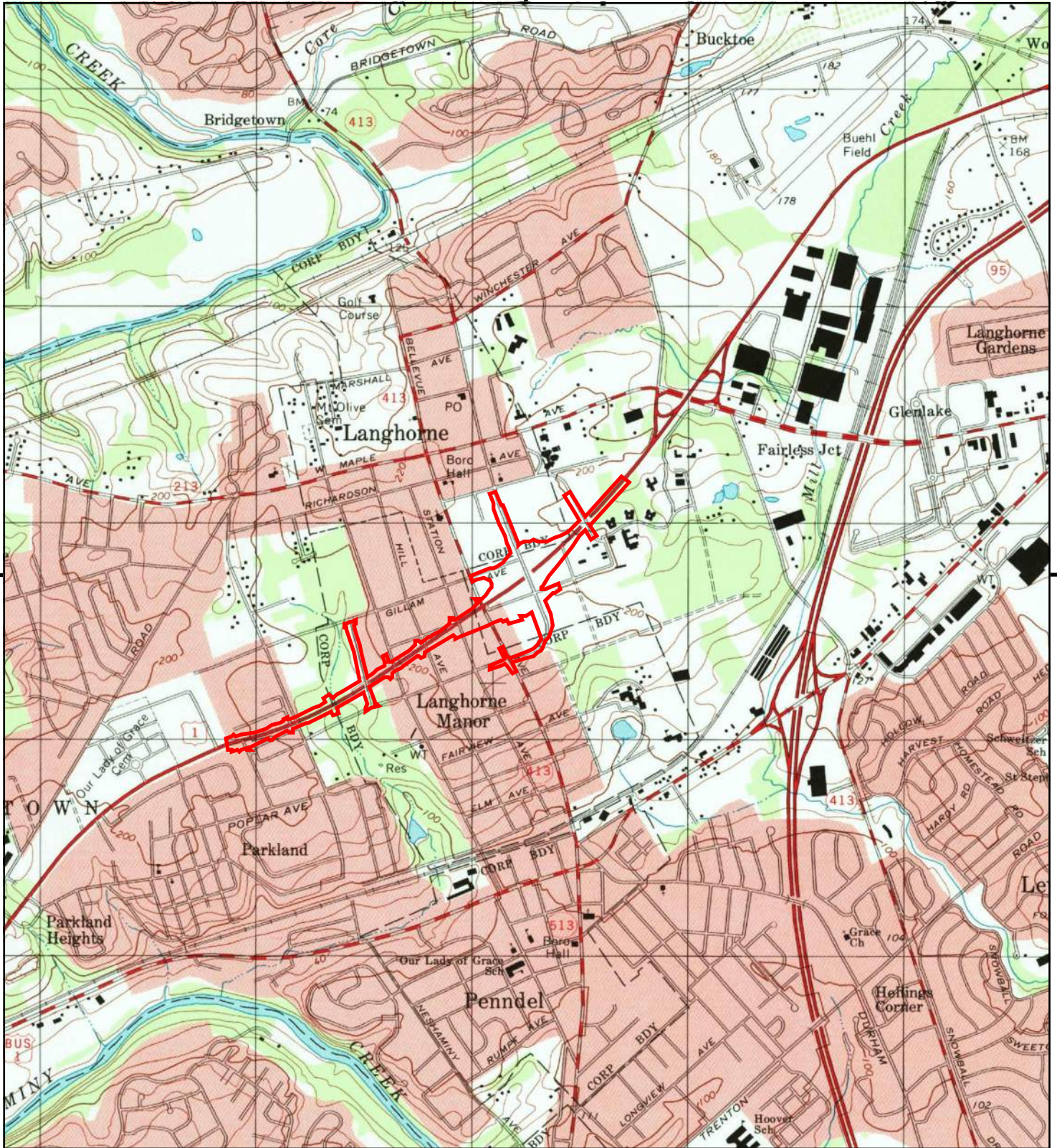
This report includes information from the following map sheet(s).



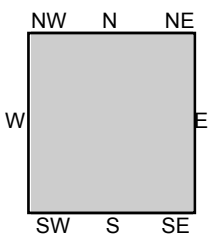
TP, Langhorne, 2013, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





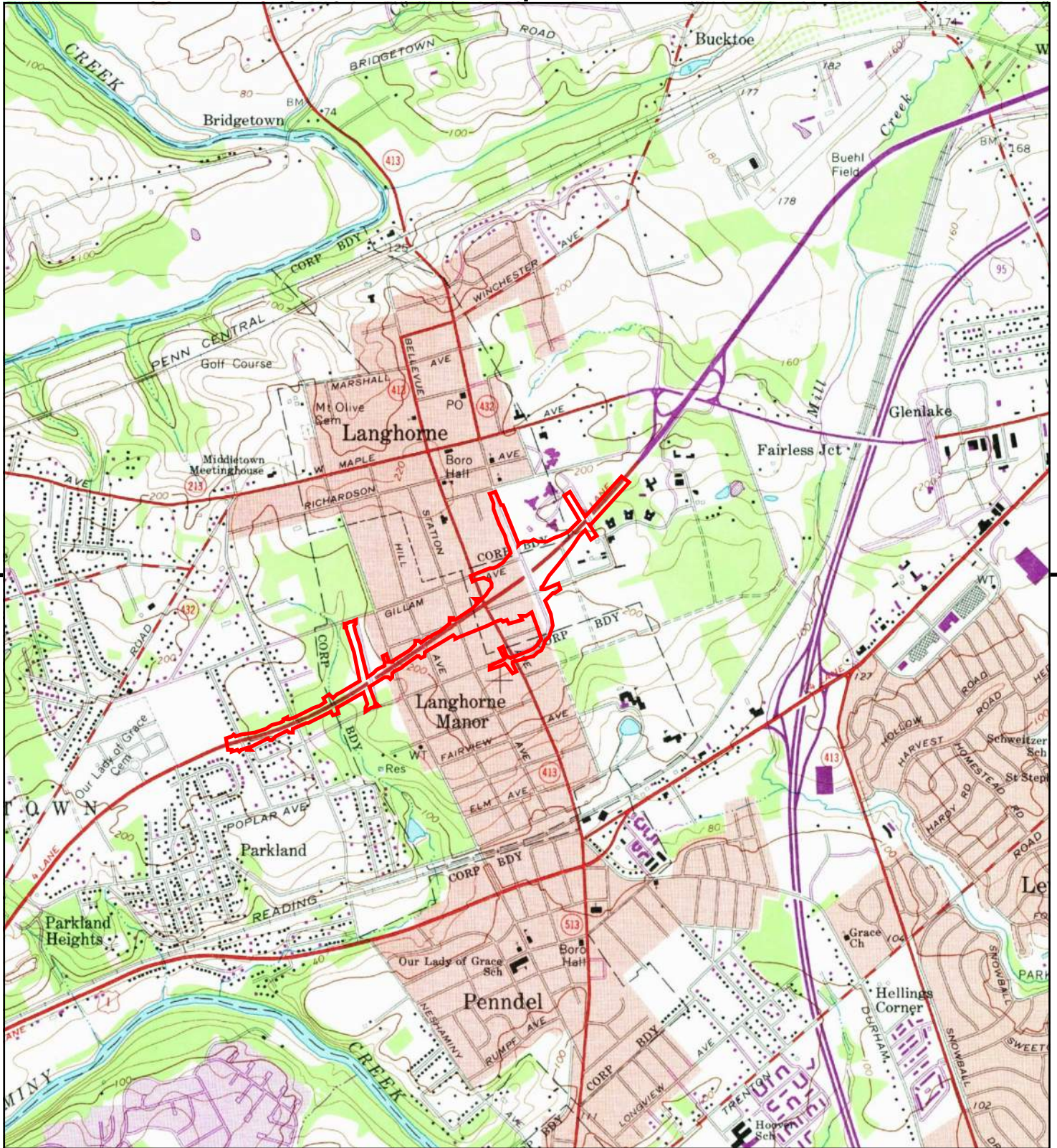
This report includes information from the following map sheet(s).



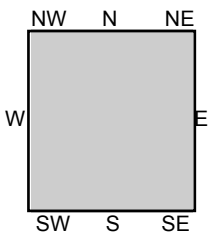
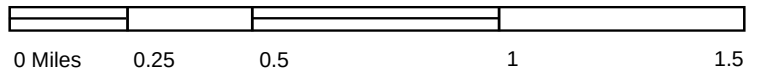
TP, Langhorne, 1993, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





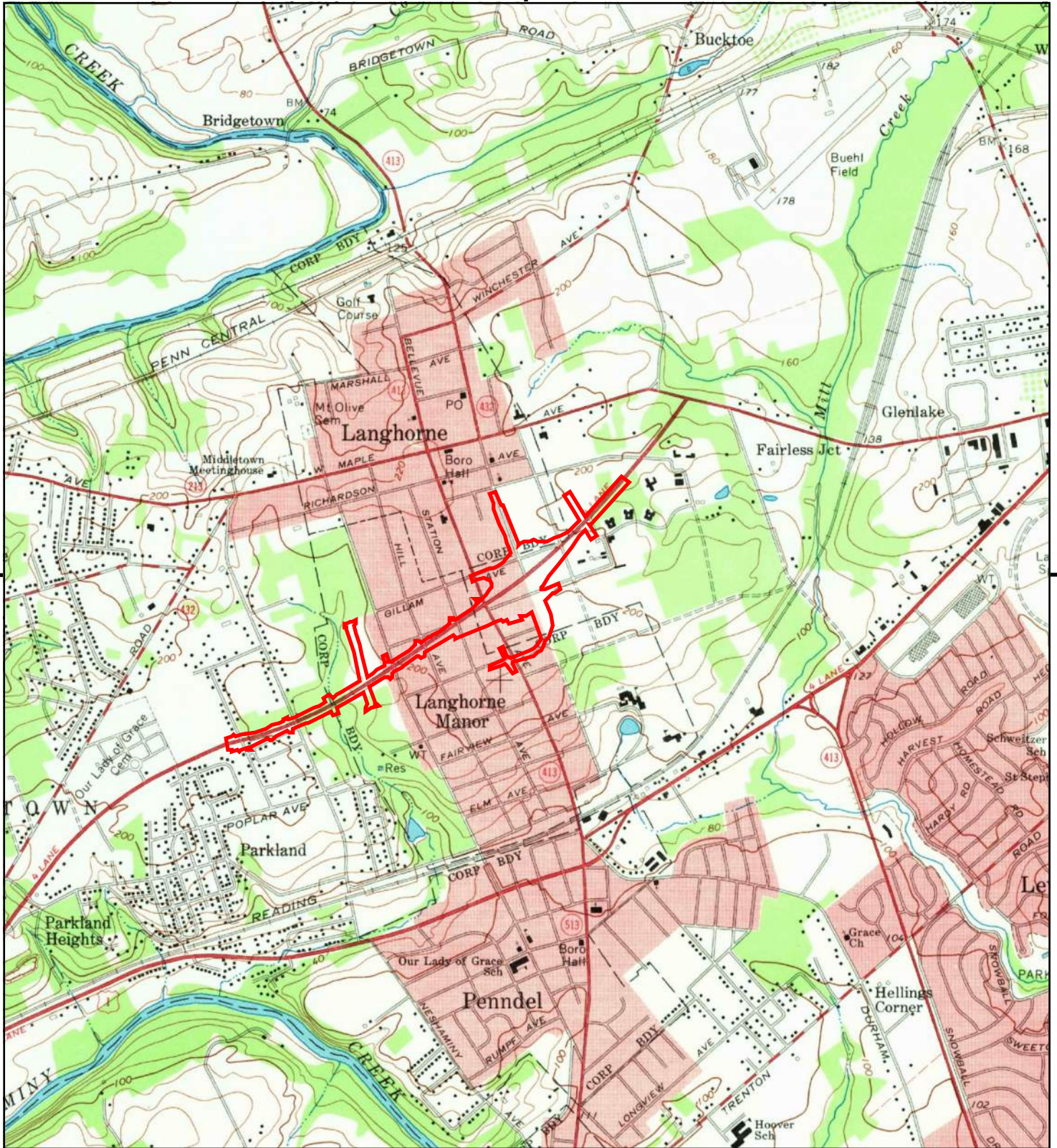
This report includes information from the following map sheet(s).



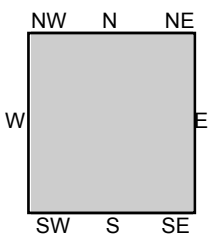
TP, Langhorne, 1973, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





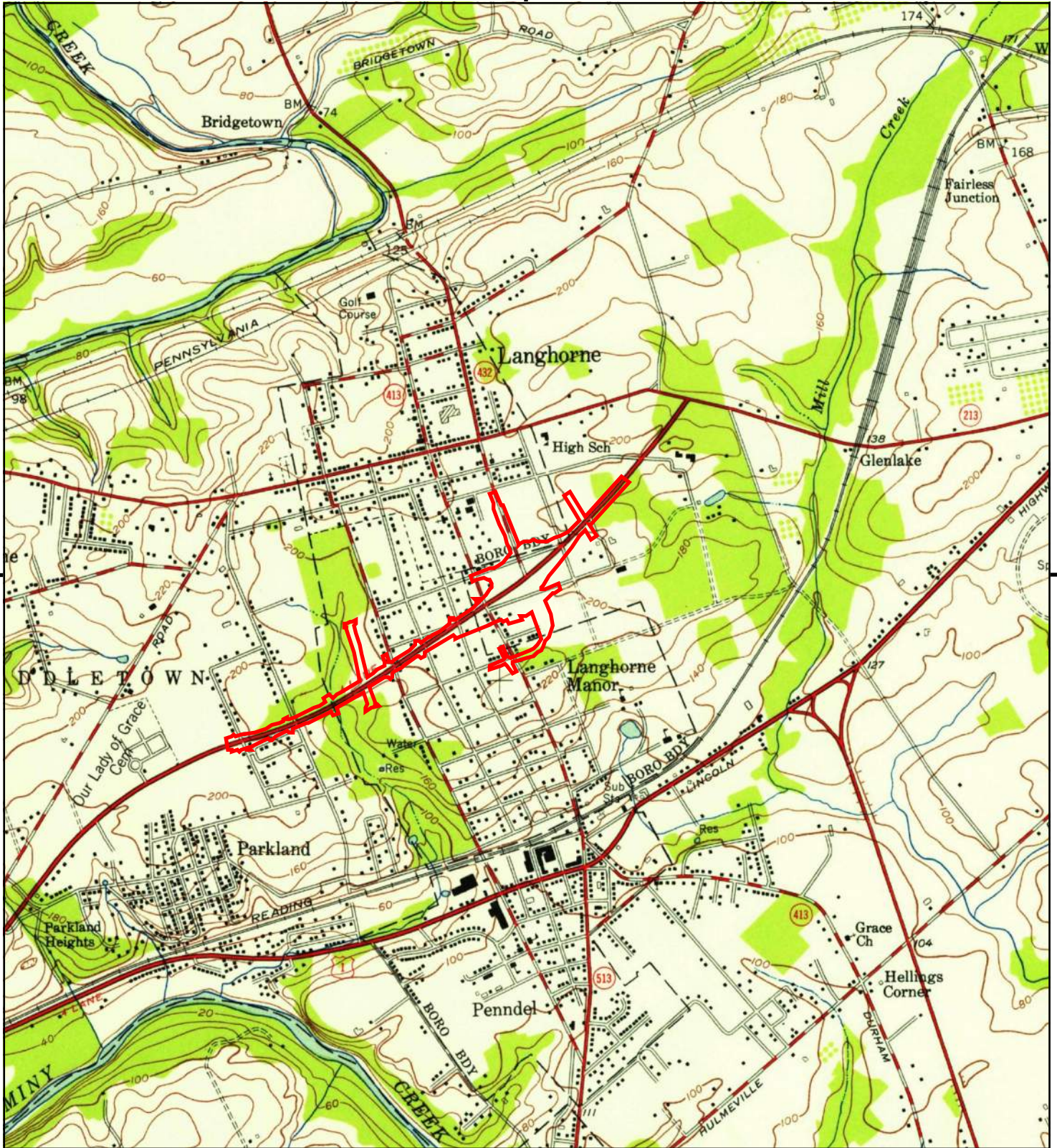
This report includes information from the following map sheet(s).



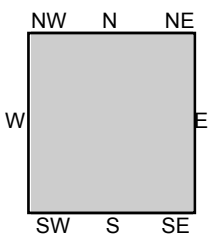
TP, Langhorne, 1966, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





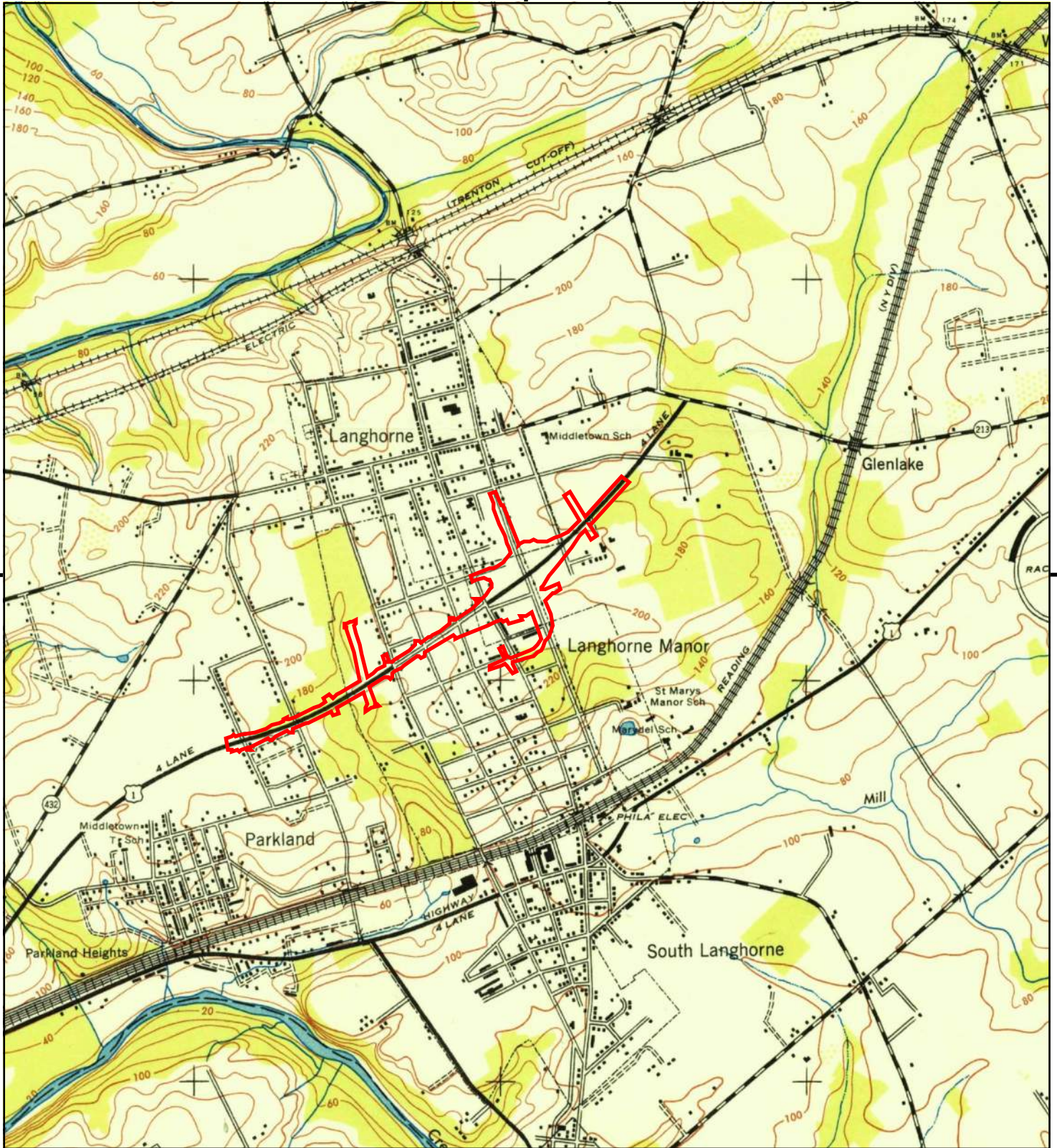
This report includes information from the following map sheet(s).



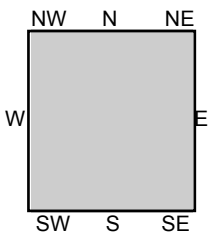
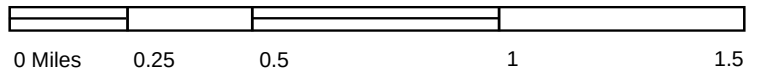
TP, Langhorne, 1953, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





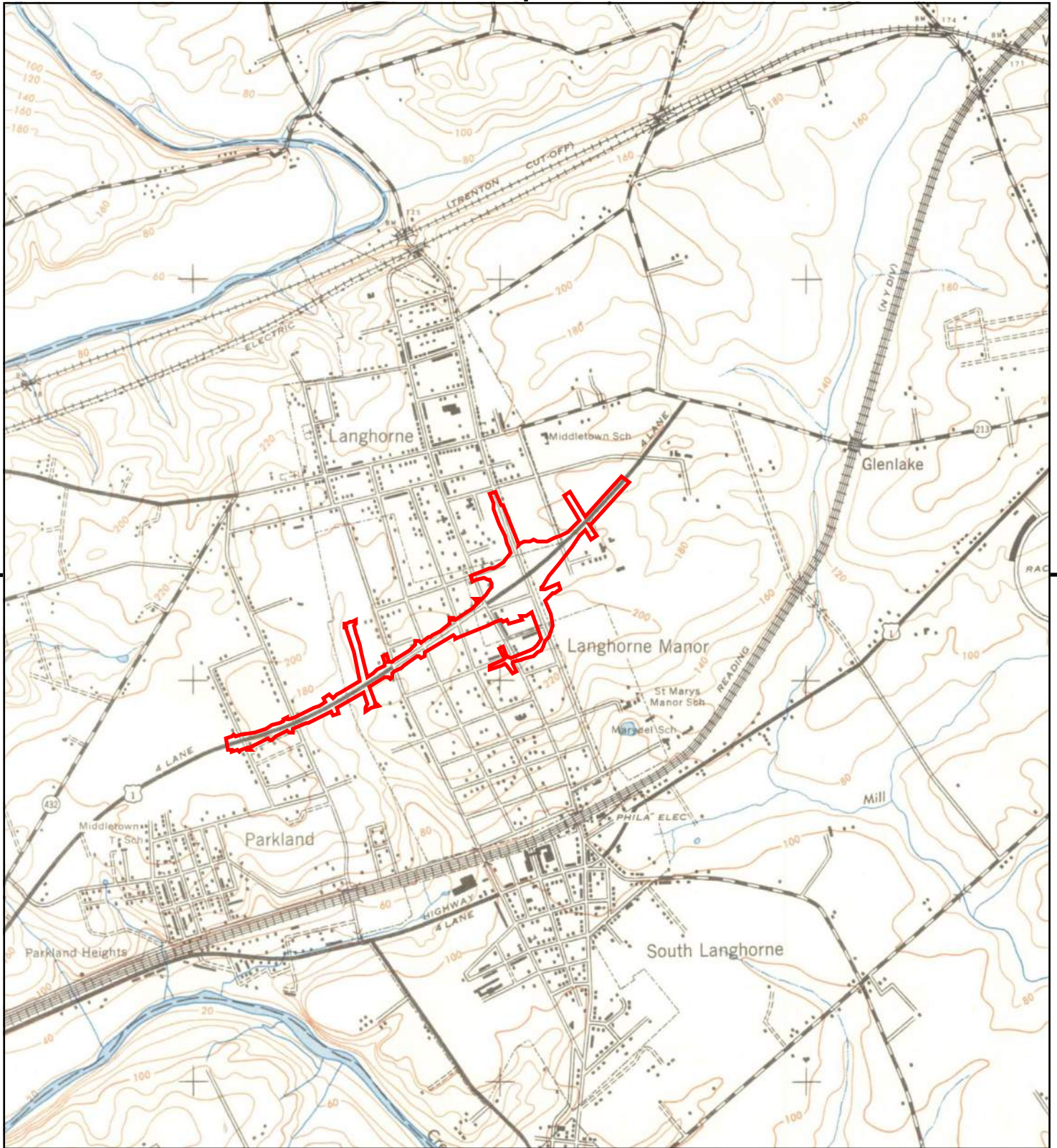
This report includes information from the following map sheet(s).



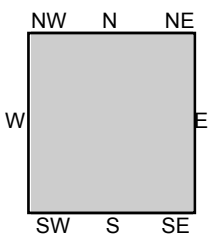
TP, Langhorne, 1947, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





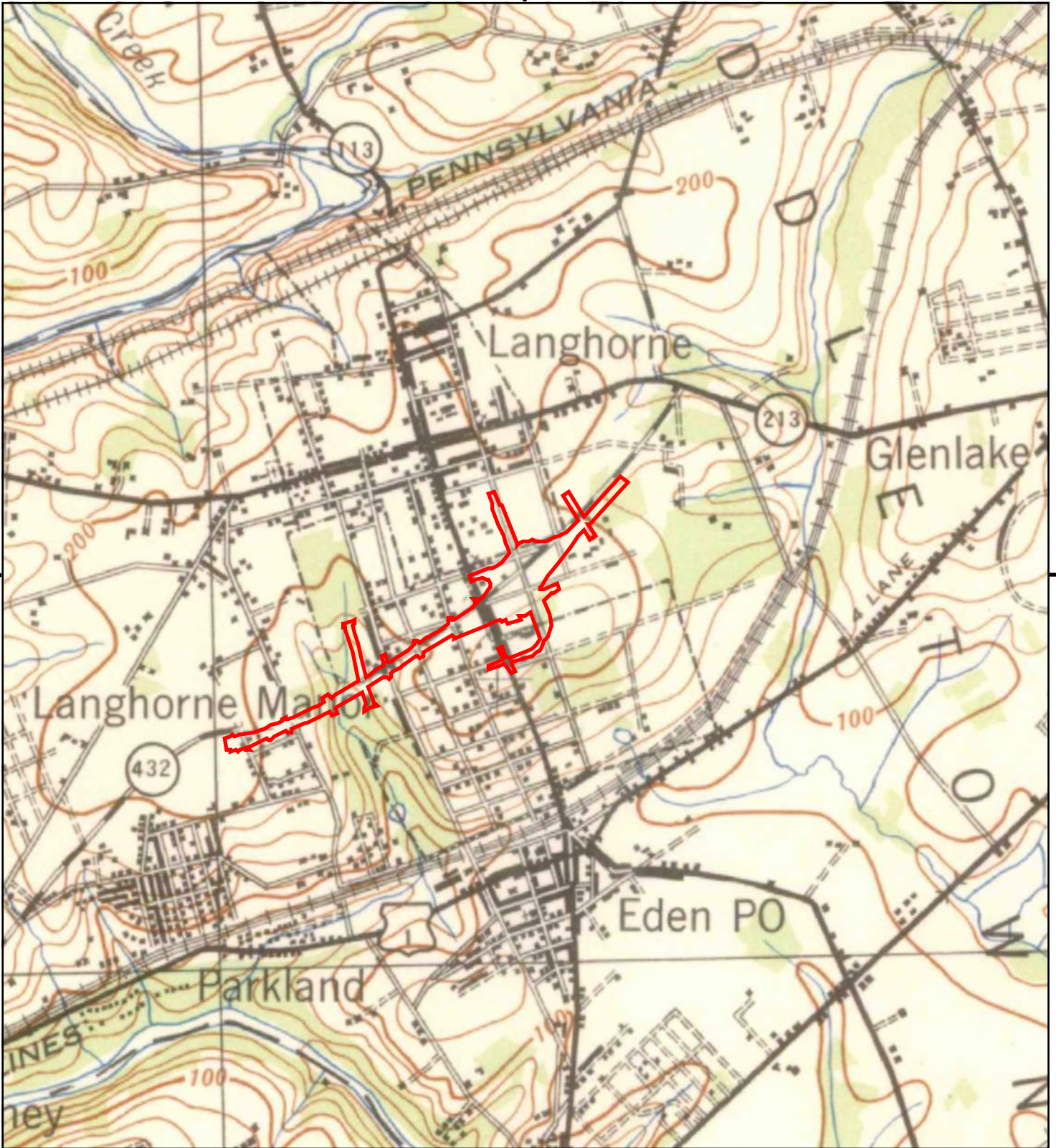
This report includes information from the following map sheet(s).



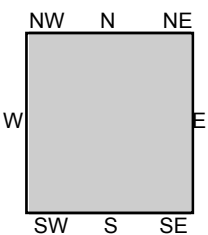
TP, Langhorne, 1944, 7.5-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





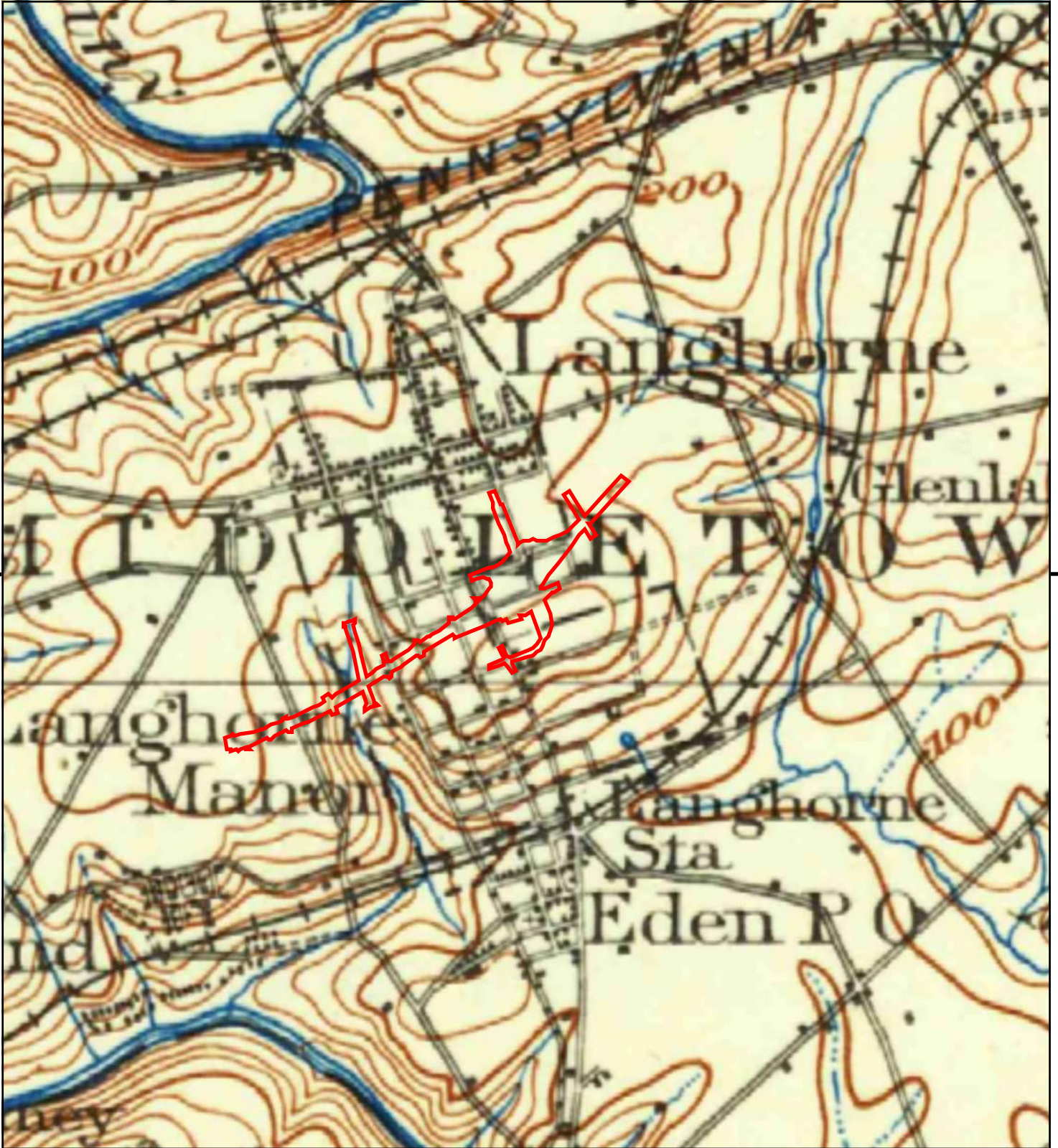
This report includes information from the following map sheet(s).



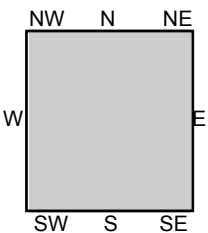
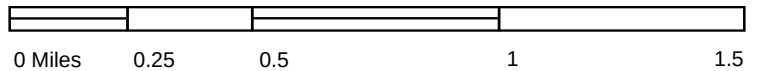
TP, Burlington, 1942, 15-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





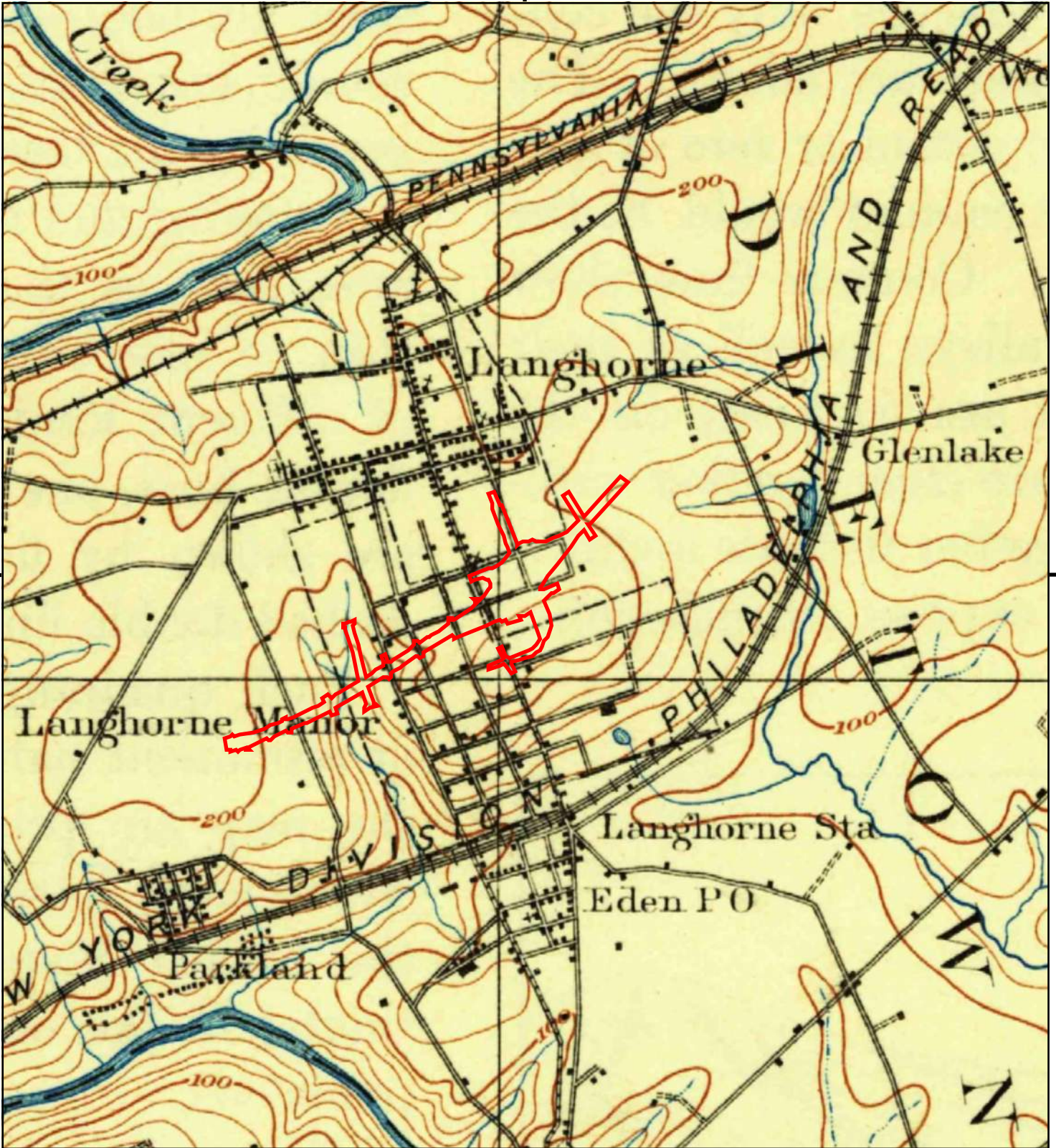
This report includes information from the following map sheet(s).



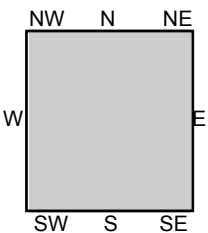
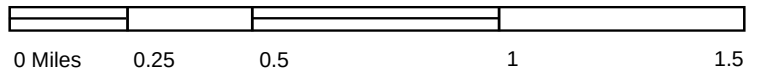
TP, Trenton, 1907, 30-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





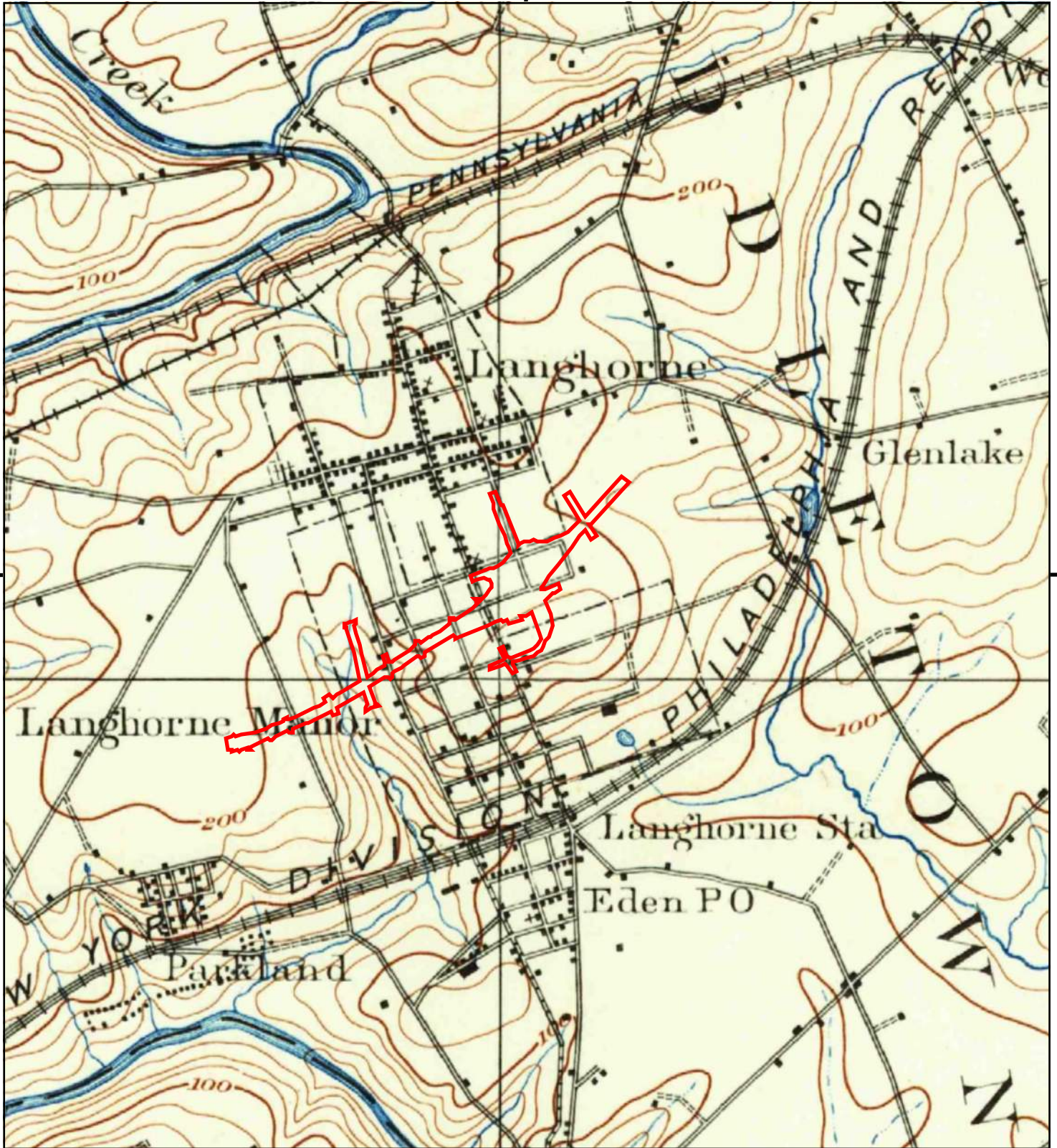
This report includes information from the following map sheet(s).



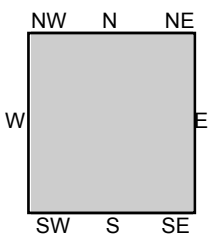
TP, Burlington, 1906, 15-minute
TP, BRISTOL, 1906, 15-minute

SITE NAME: S.R. 0001 - RC3 North Section
ADDRESS: SR 0001
LANGHORNE, PA 19047
CLIENT: Susquehanna Civil, Inc.





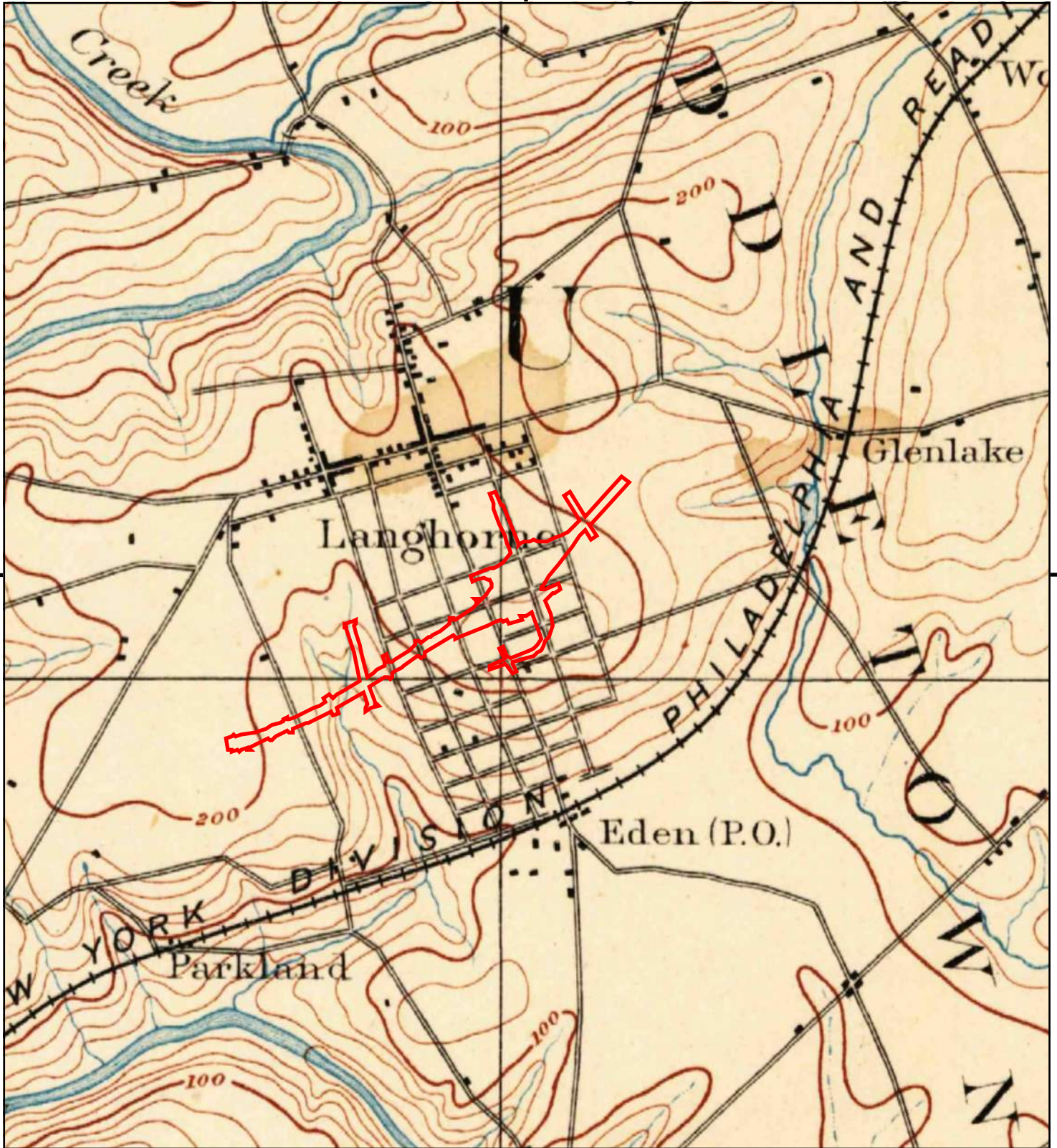
This report includes information from the following map sheet(s).



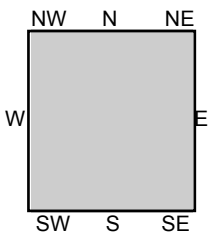
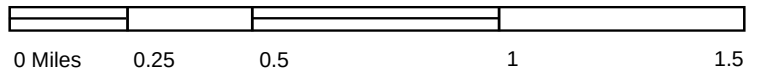
TP, Burlington, 1904, 15-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





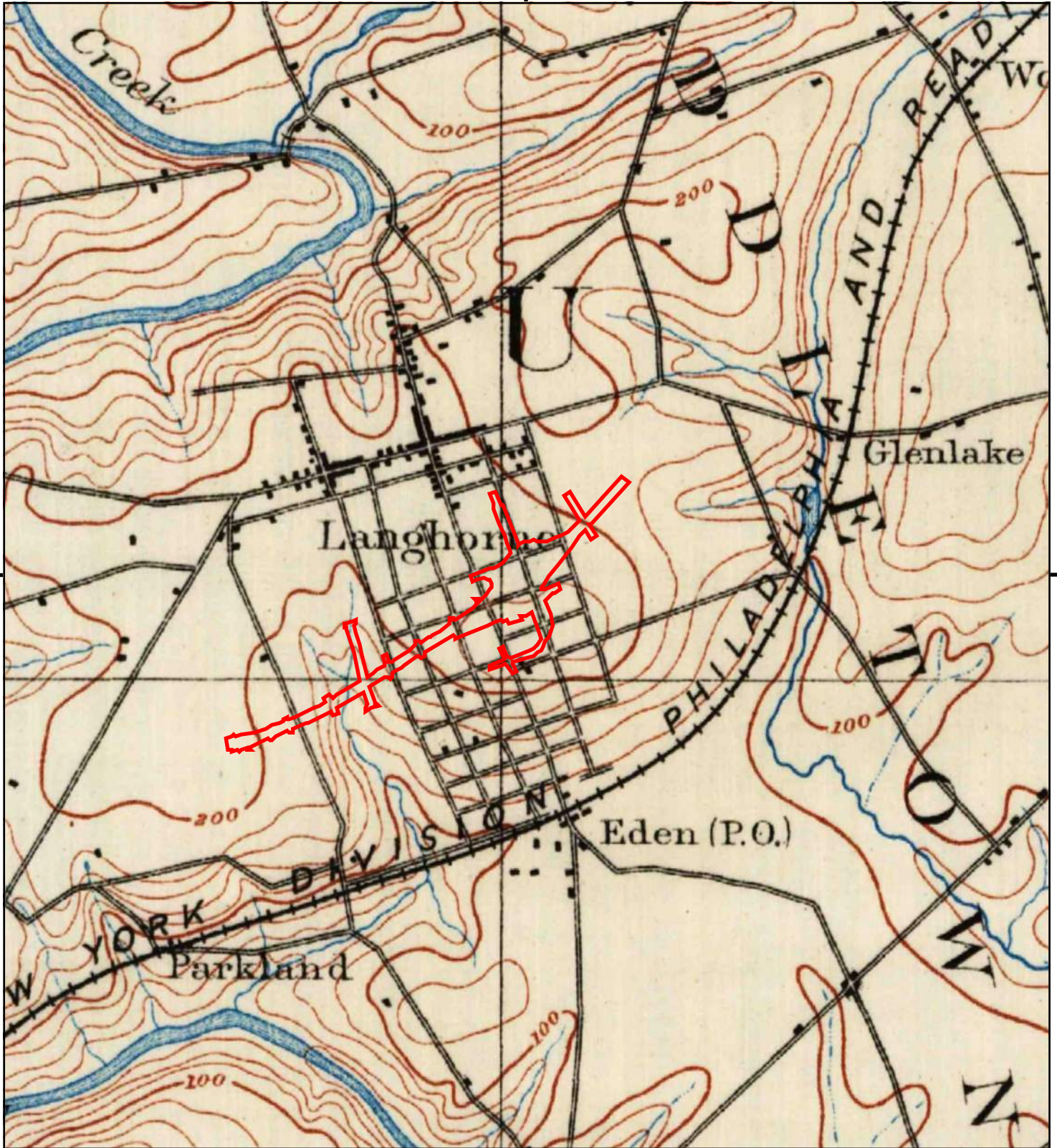
This report includes information from the following map sheet(s).



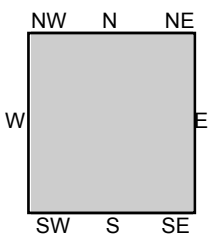
TP, Burlington, 1893, 15-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.





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



TP, Burlington, 1890, 15-minute

SITE NAME: S.R. 0001 - RC3 North Section
 ADDRESS: SR 0001
 LANGHORNE, PA 19047
 CLIENT: Susquehanna Civil, Inc.



S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.4

March 02, 2021

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

03/02/21

Site Name:

S.R. 0001 - RC3 South Sector
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.4

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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.#	20007	Latitude:	40.158841 40° 9' 32" North
Project:	SR 0001 Sect RC3 - S. Sector	Longitude:	-74.941469 -74° 56' 29" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	504984.59
		UTM Y Meters:	4445388.90
		Elevation:	184.07' above sea level

Maps Provided:

2013	1907
1993	1906
1973	1904
1966	1893
1953	1890
1947	
1944	
1942	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

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

2013 Source Sheets



Langhorne
2013
7.5-minute, 24000

1993 Source Sheets



Langhorne
1993
7.5-minute, 24000
Aerial Photo Revised 1993

1973 Source Sheets



Langhorne
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1966 Source Sheets



Langhorne
1966
7.5-minute, 24000
Aerial Photo Revised 1965

Topo Sheet Key

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

1953 Source Sheets



Langhorne
1953
7.5-minute, 24000
Aerial Photo Revised 1942

1947 Source Sheets



Langhorne
1947
7.5-minute, 24000
Aerial Photo Revised 1942

1944 Source Sheets



Langhorne
1944
7.5-minute, 24000
Aerial Photo Revised 1942

1942 Source Sheets



Burlington
1942
15-minute, 62500

Topo Sheet Key

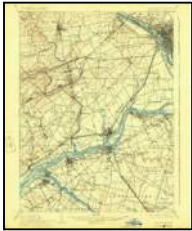
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1907 Source Sheets



Trenton
1907
30-minute, 125000

1906 Source Sheets

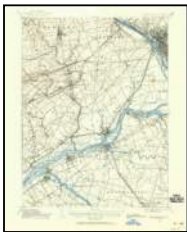


Burlington
1906
15-minute, 62500



BRISTOL
1906
15-minute, 62500

1904 Source Sheets



Burlington
1904
15-minute, 62500

1893 Source Sheets



Burlington
1893
15-minute, 62500

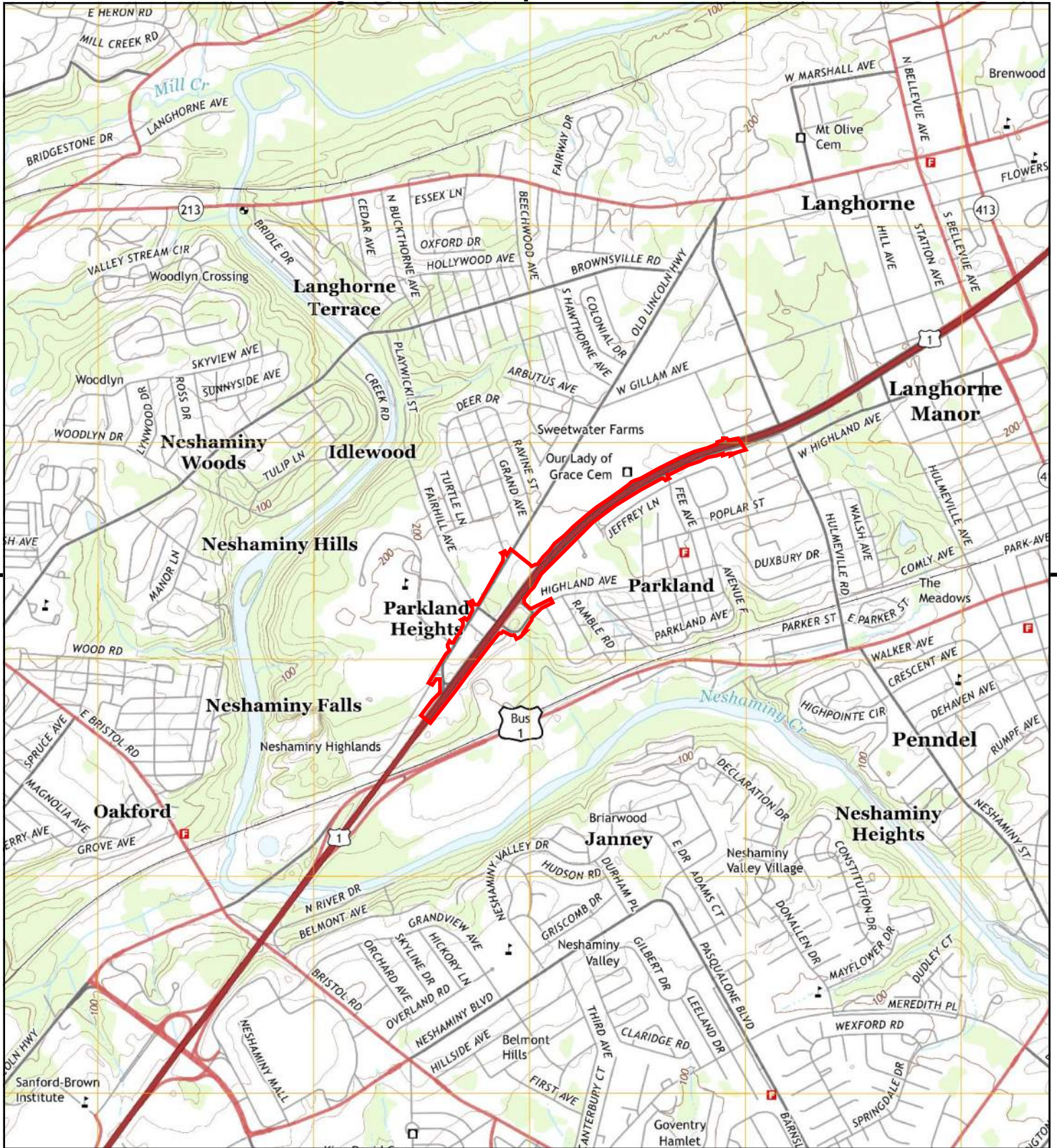
Topo Sheet Key

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

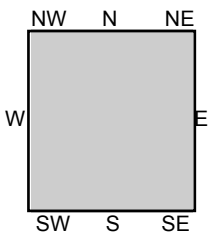
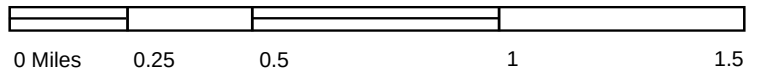
1890 Source Sheets



Burlington
1890
15-minute, 62500



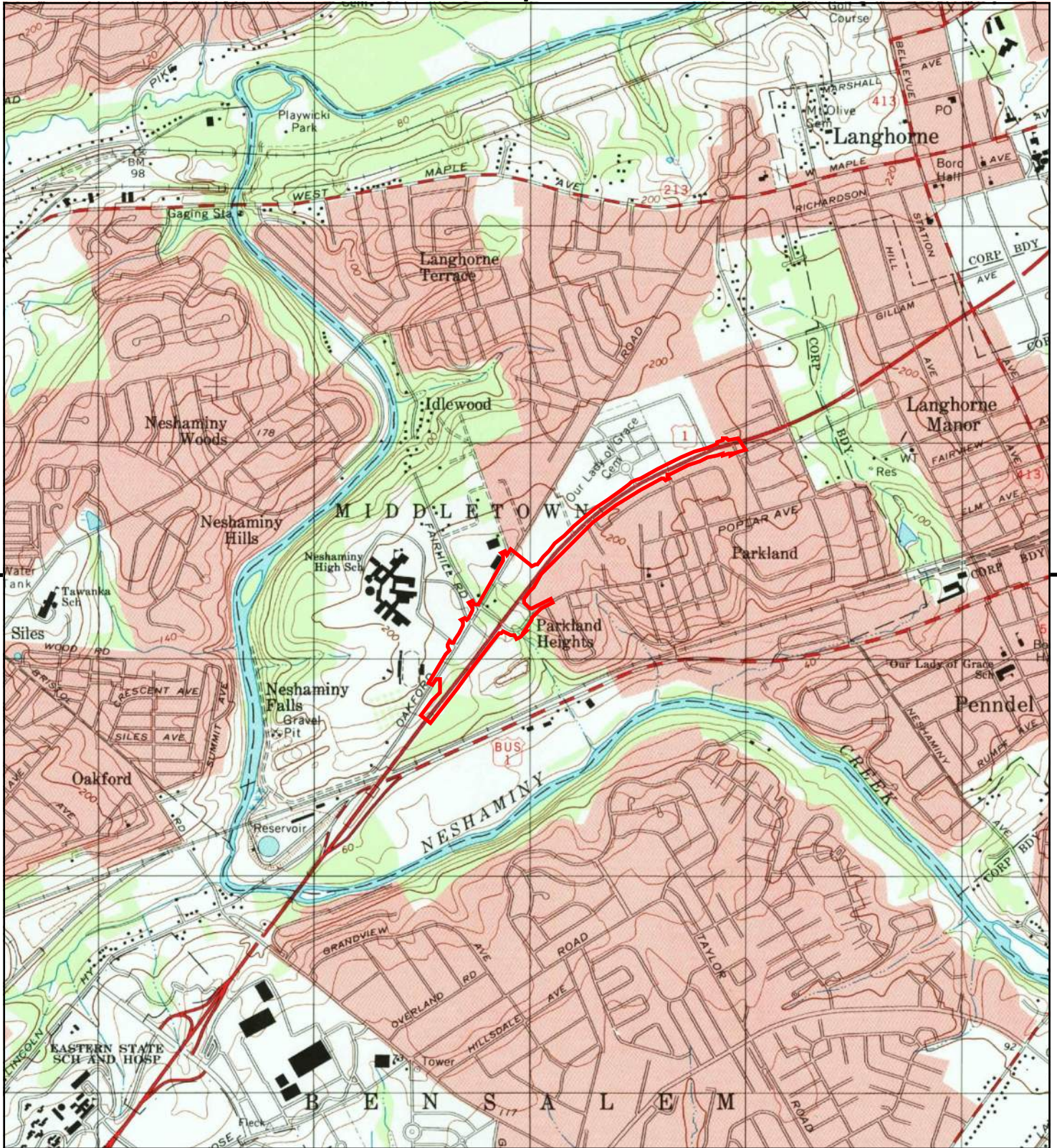
This report includes information from the following map sheet(s).



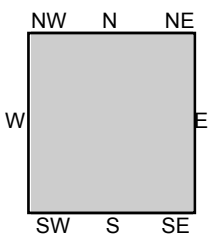
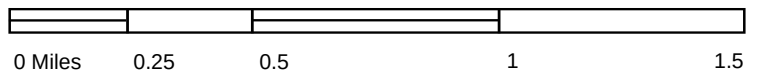
TP, Langhorne, 2013, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





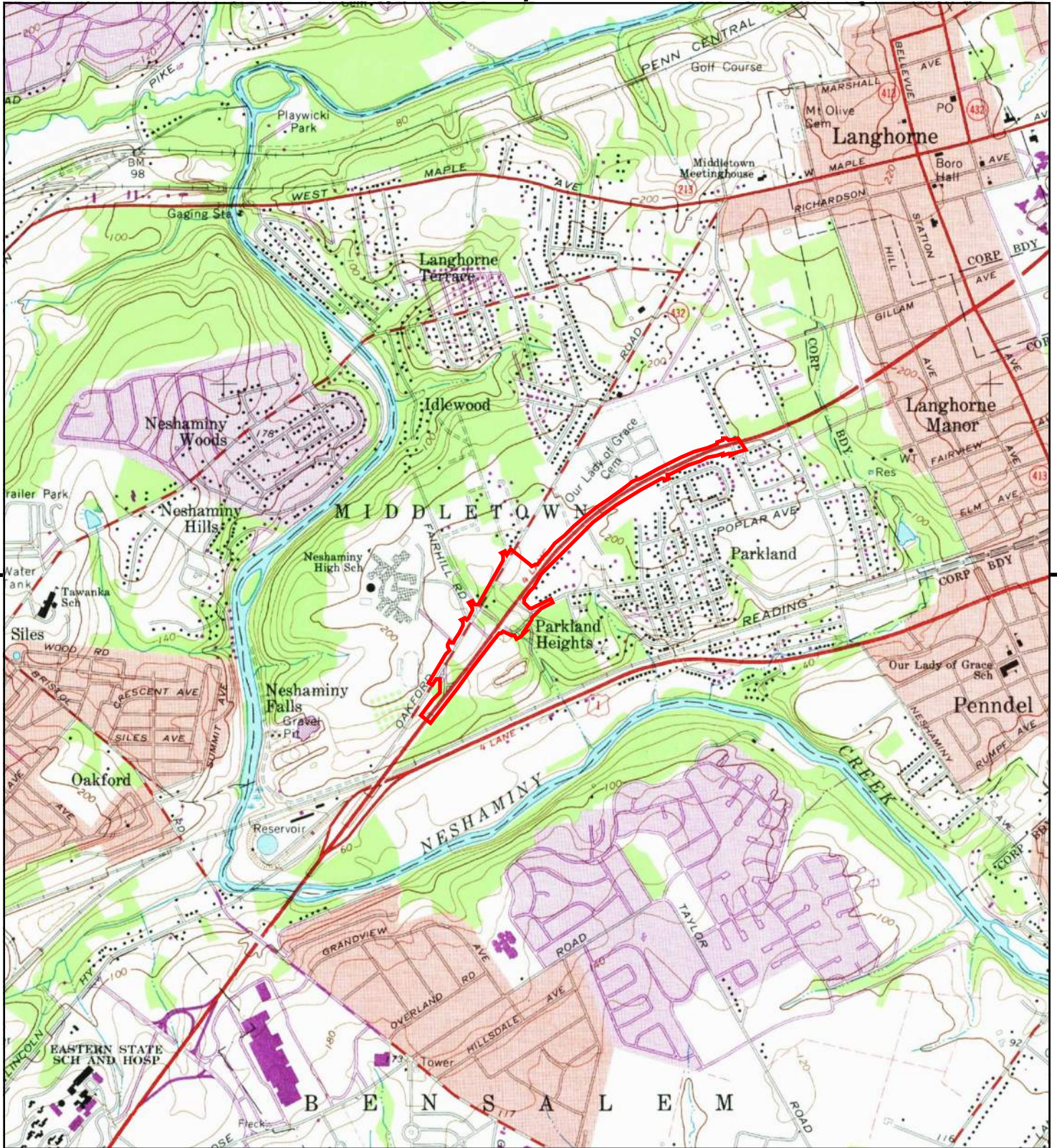
This report includes information from the following map sheet(s).



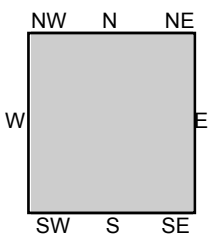
TP, Langhorne, 1993, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne, PA 19047
CLIENT: Susquehanna Civil, Inc.





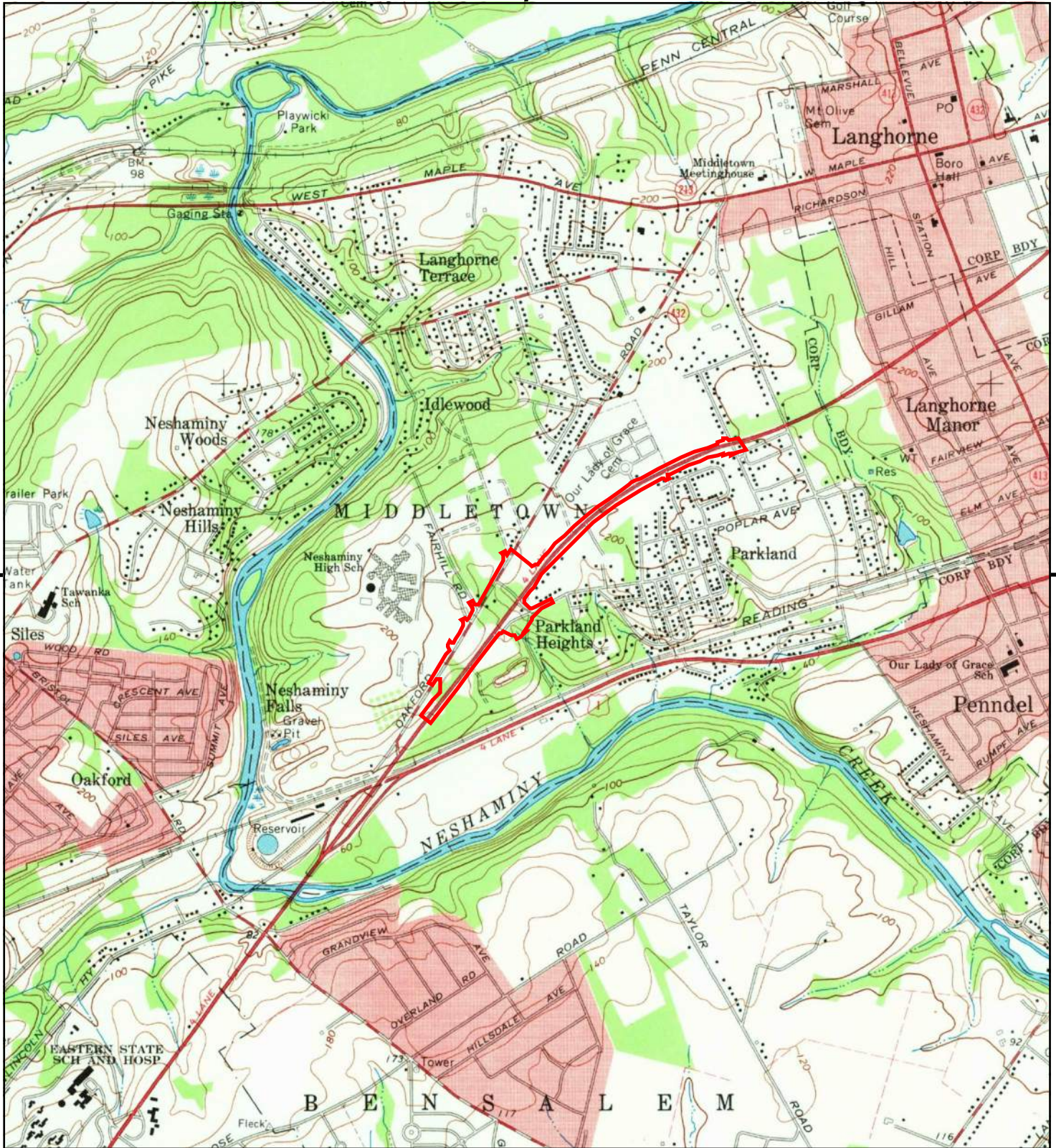
This report includes information from the following map sheet(s).



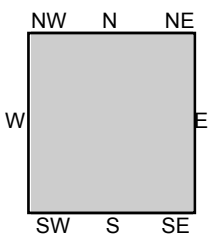
TP, Langhorne, 1973, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





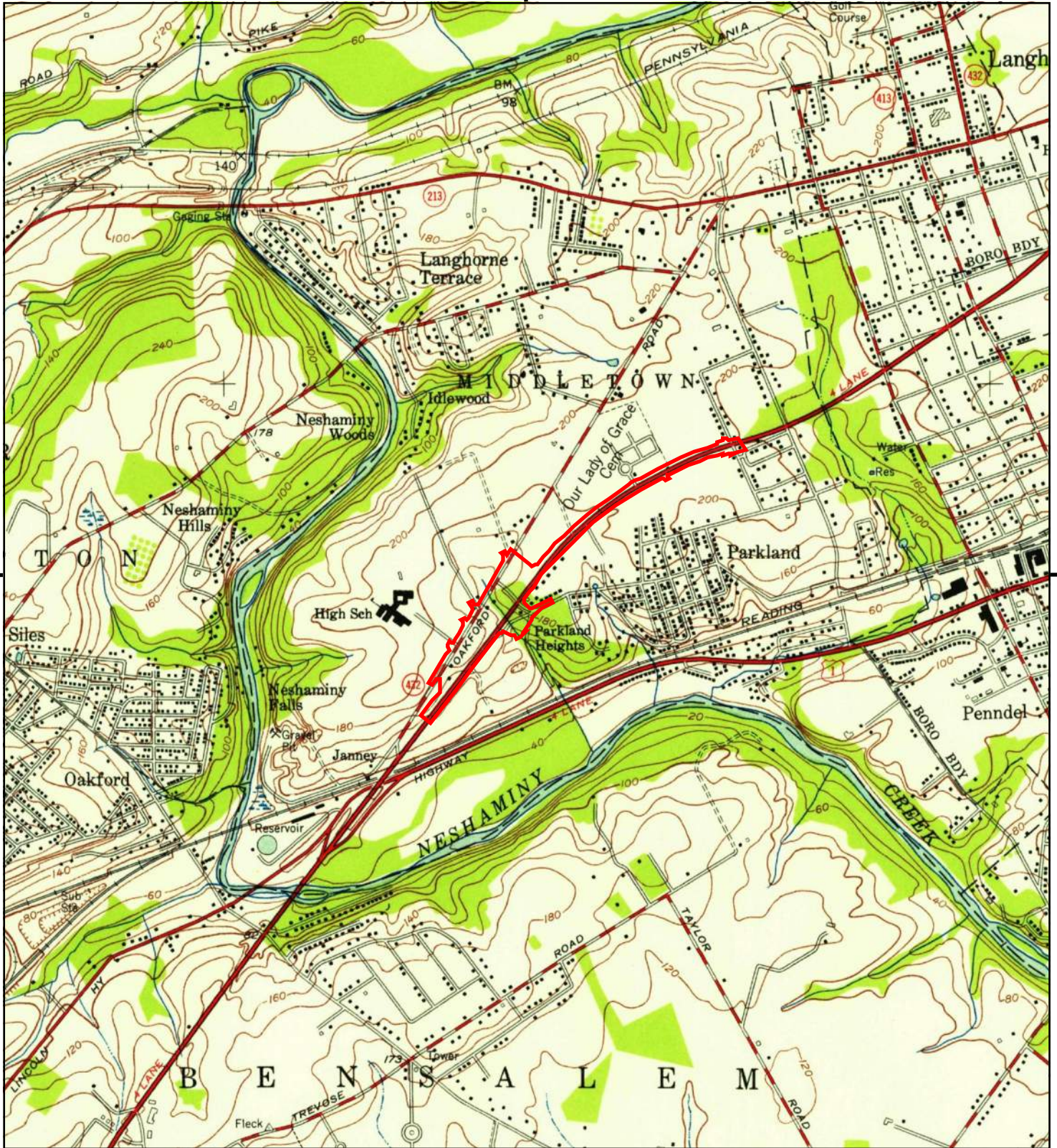
This report includes information from the following map sheet(s).



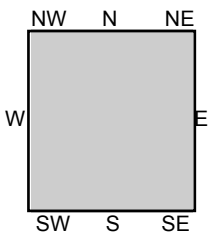
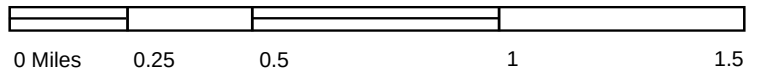
TP, Langhorne, 1966, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





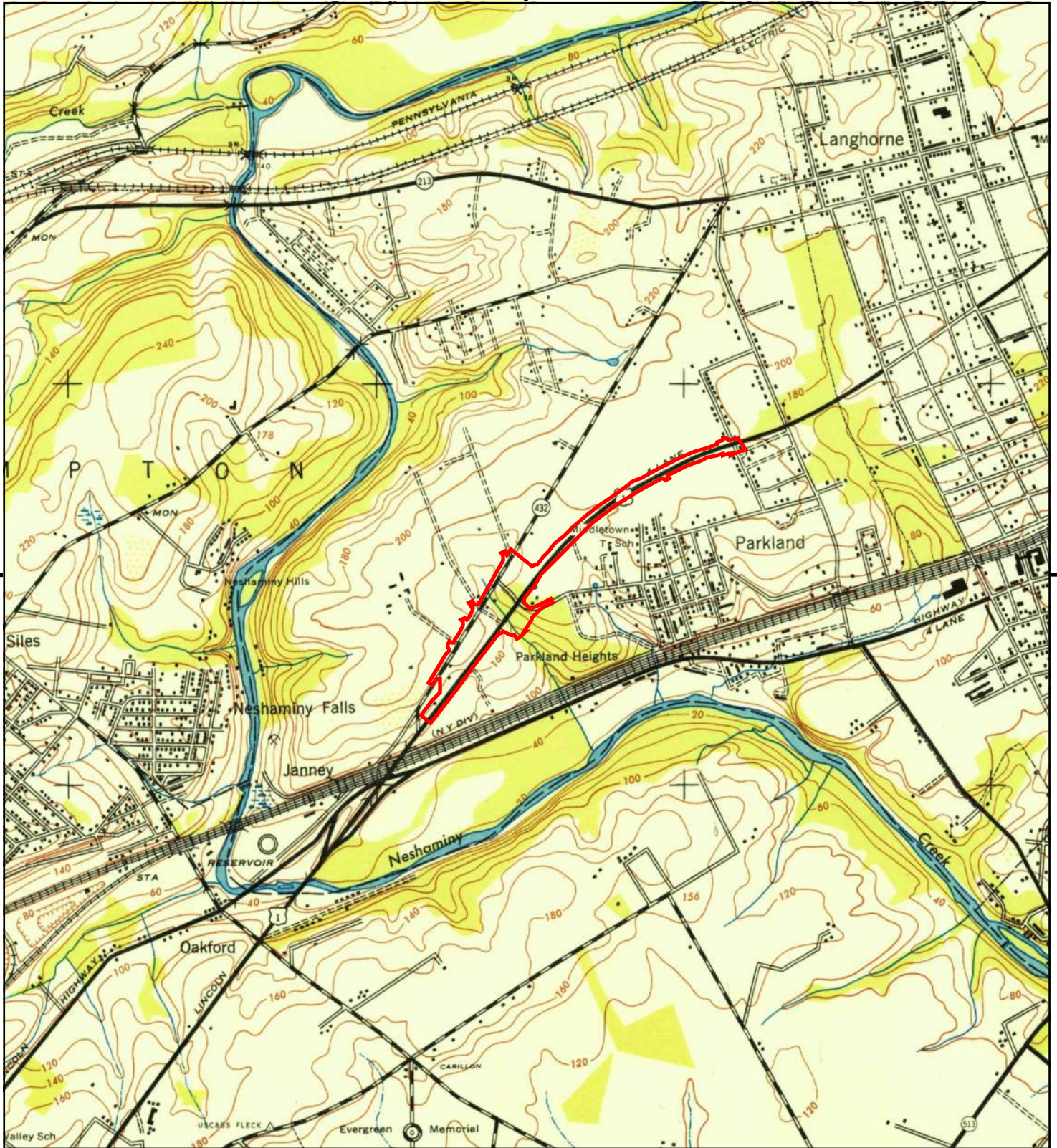
This report includes information from the following map sheet(s).



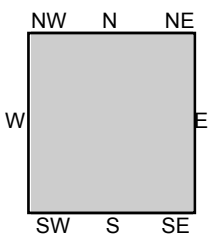
TP, Langhorne, 1953, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne, PA 19047
CLIENT: Susquehanna Civil, Inc.





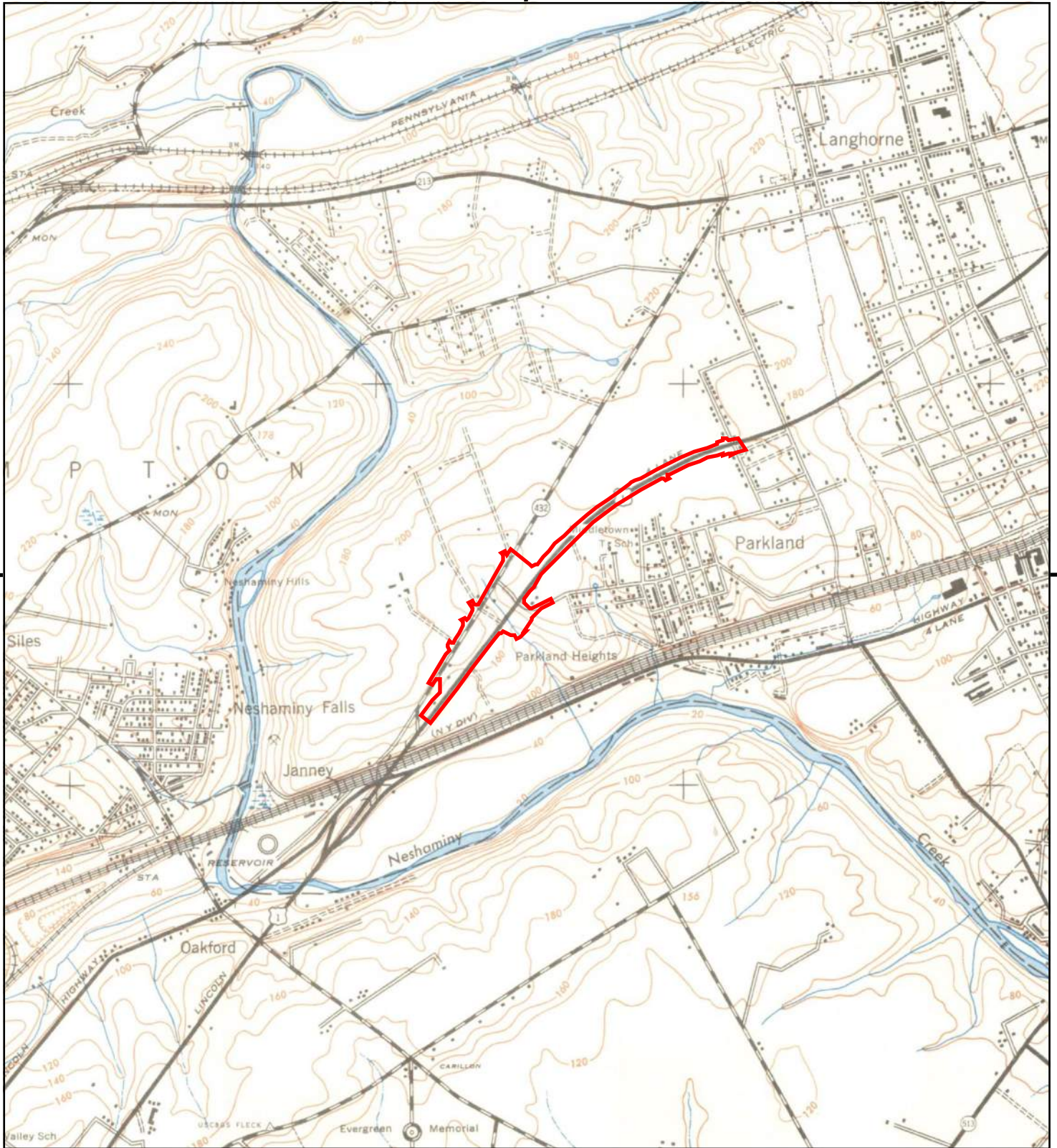
This report includes information from the following map sheet(s).



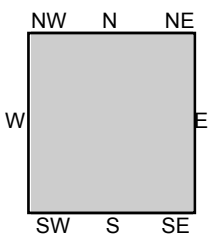
TP, Langhorne, 1947, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





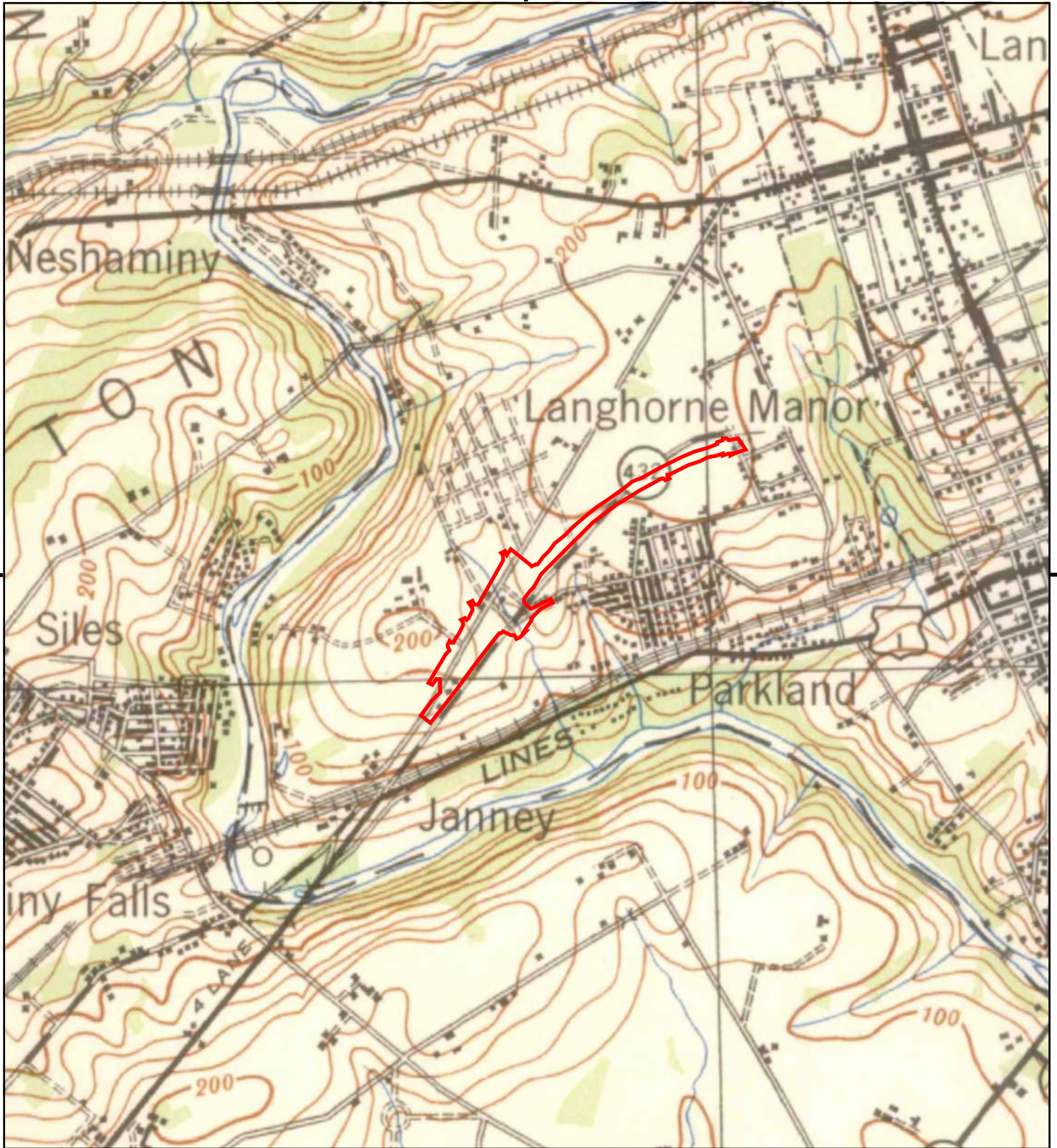
This report includes information from the following map sheet(s).



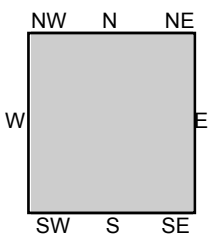
TP, Langhorne, 1944, 7.5-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





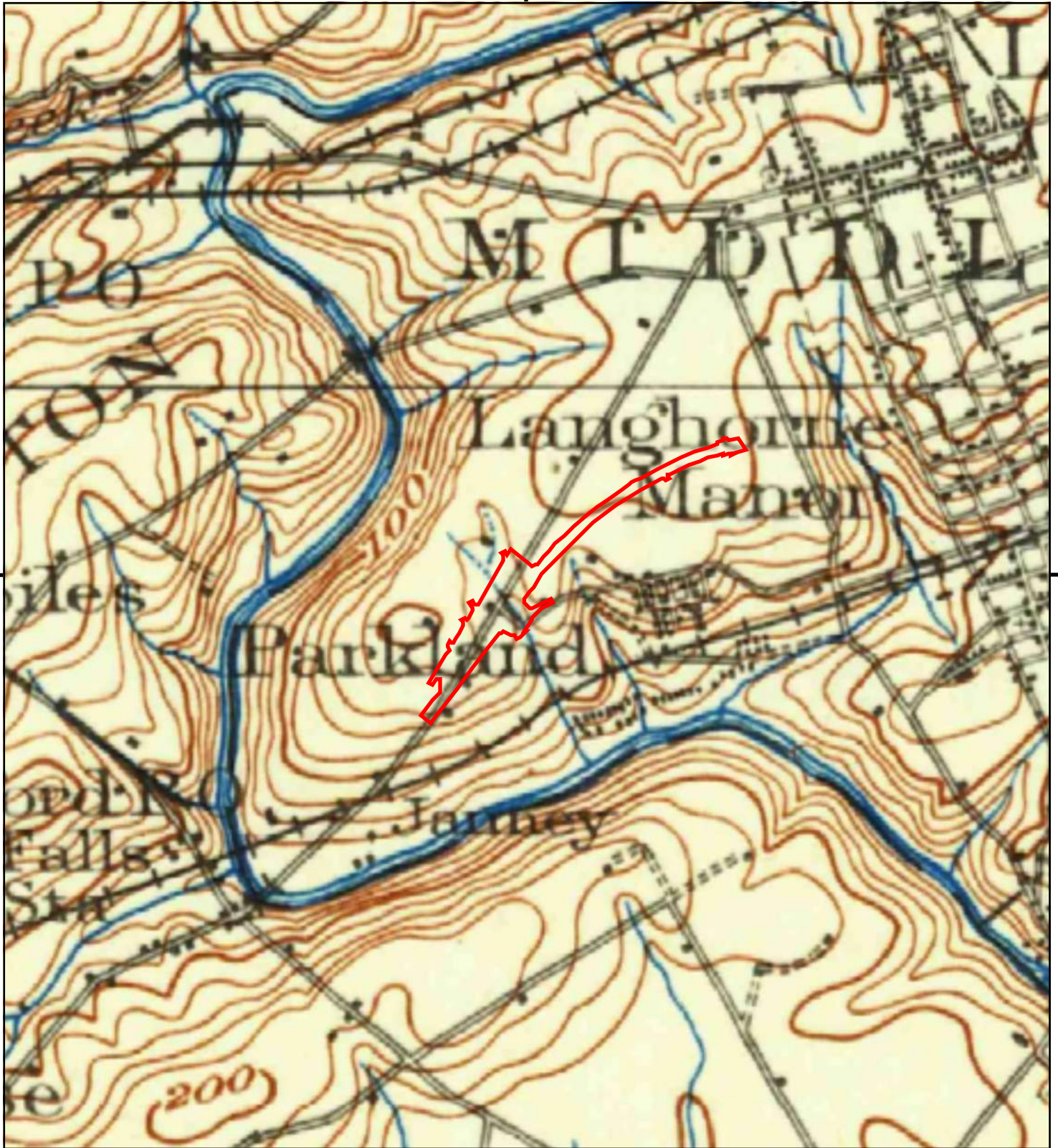
This report includes information from the following map sheet(s).



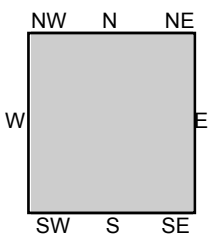
TP, Burlington, 1942, 15-minute

SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne, PA 19047
CLIENT: Susquehanna Civil, Inc.





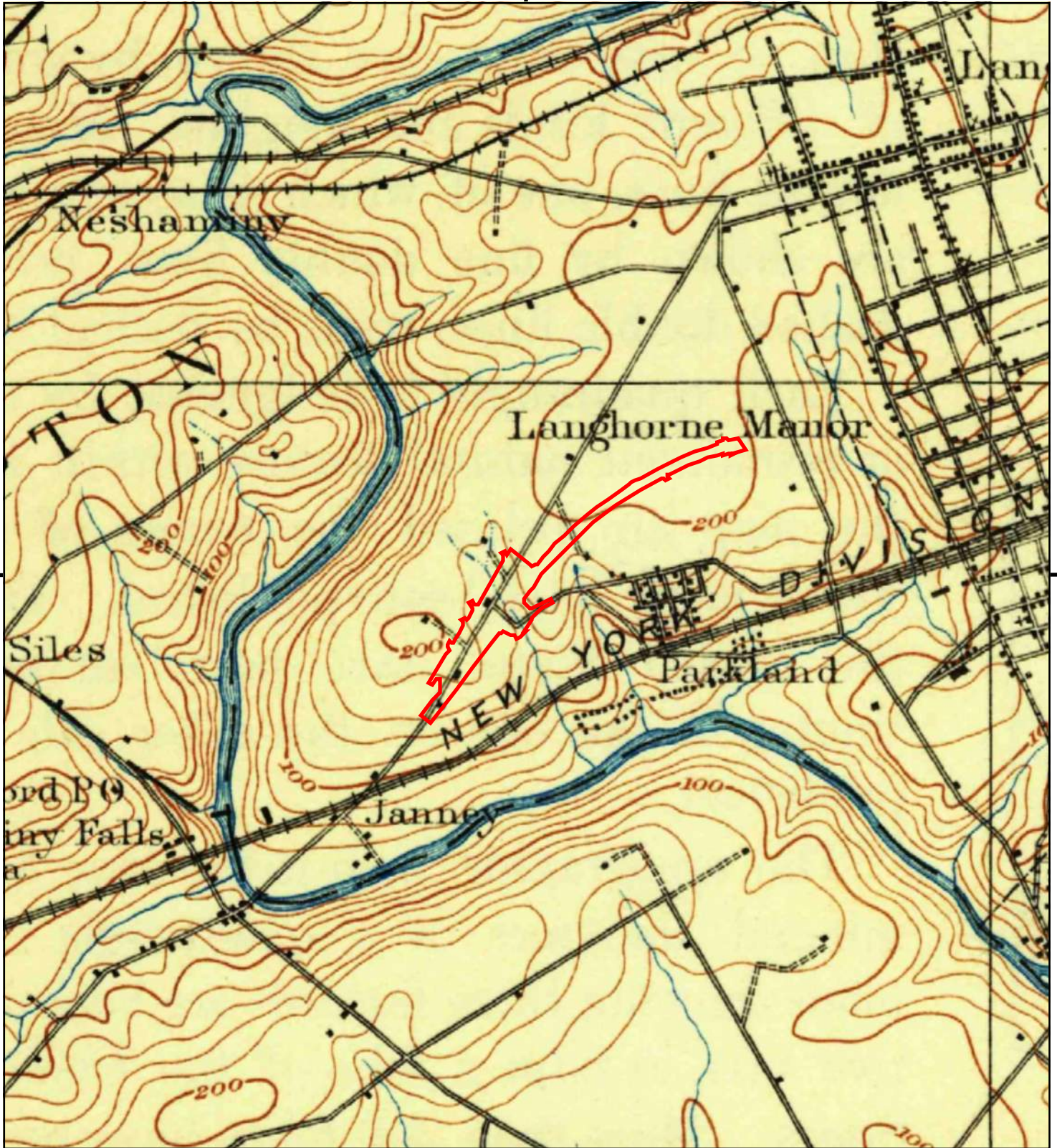
This report includes information from the following map sheet(s).



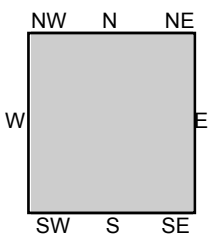
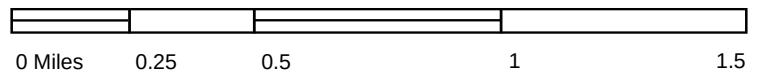
TP, Trenton, 1907, 30-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





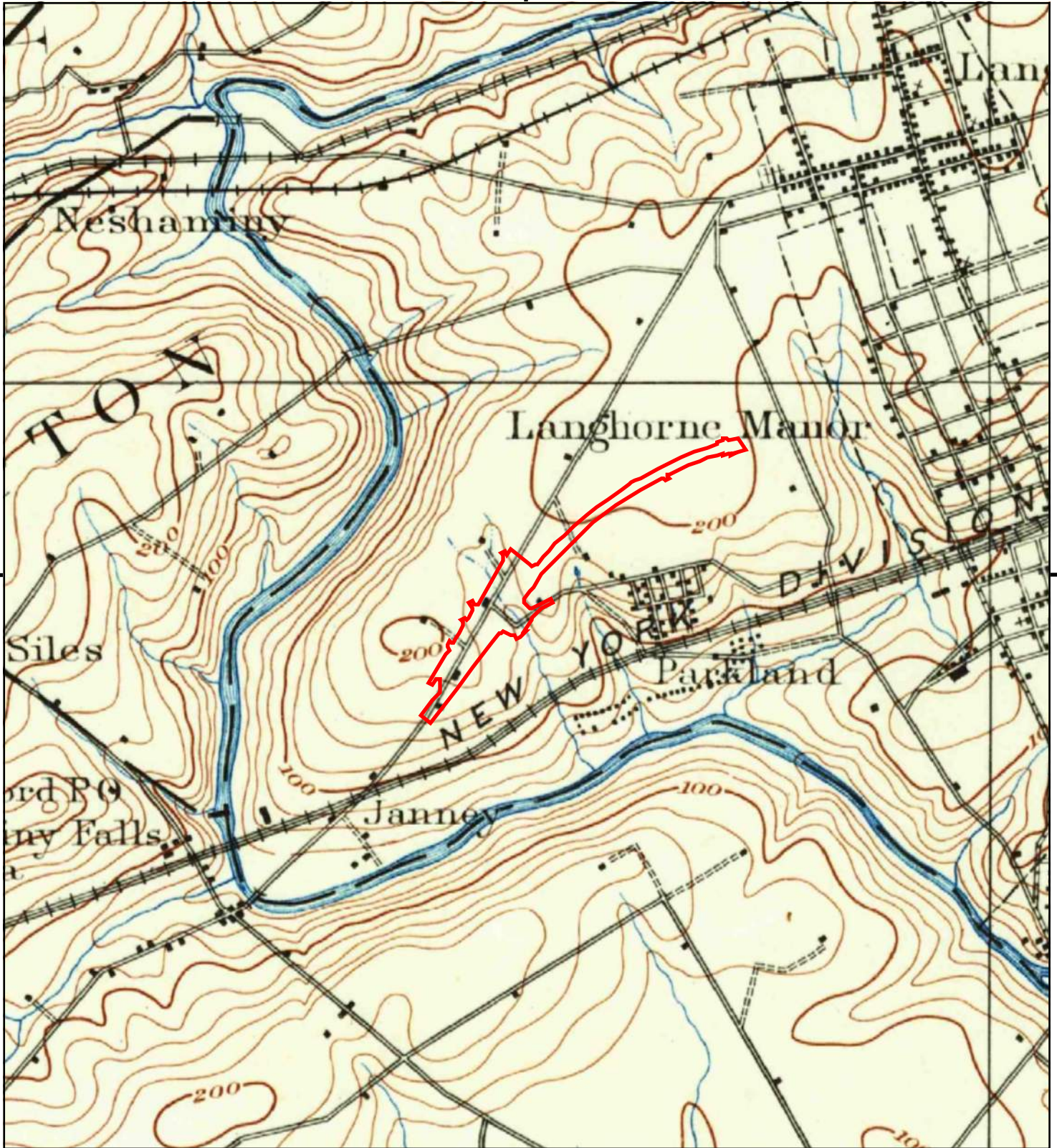
This report includes information from the following map sheet(s).



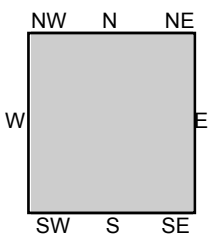
TP, Burlington, 1906, 15-minute
TP, BRISTOL, 1906, 15-minute

SITE NAME: S.R. 0001 - RC3 South Section
ADDRESS: SR 0001
Langhorne, PA 19047
CLIENT: Susquehanna Civil, Inc.





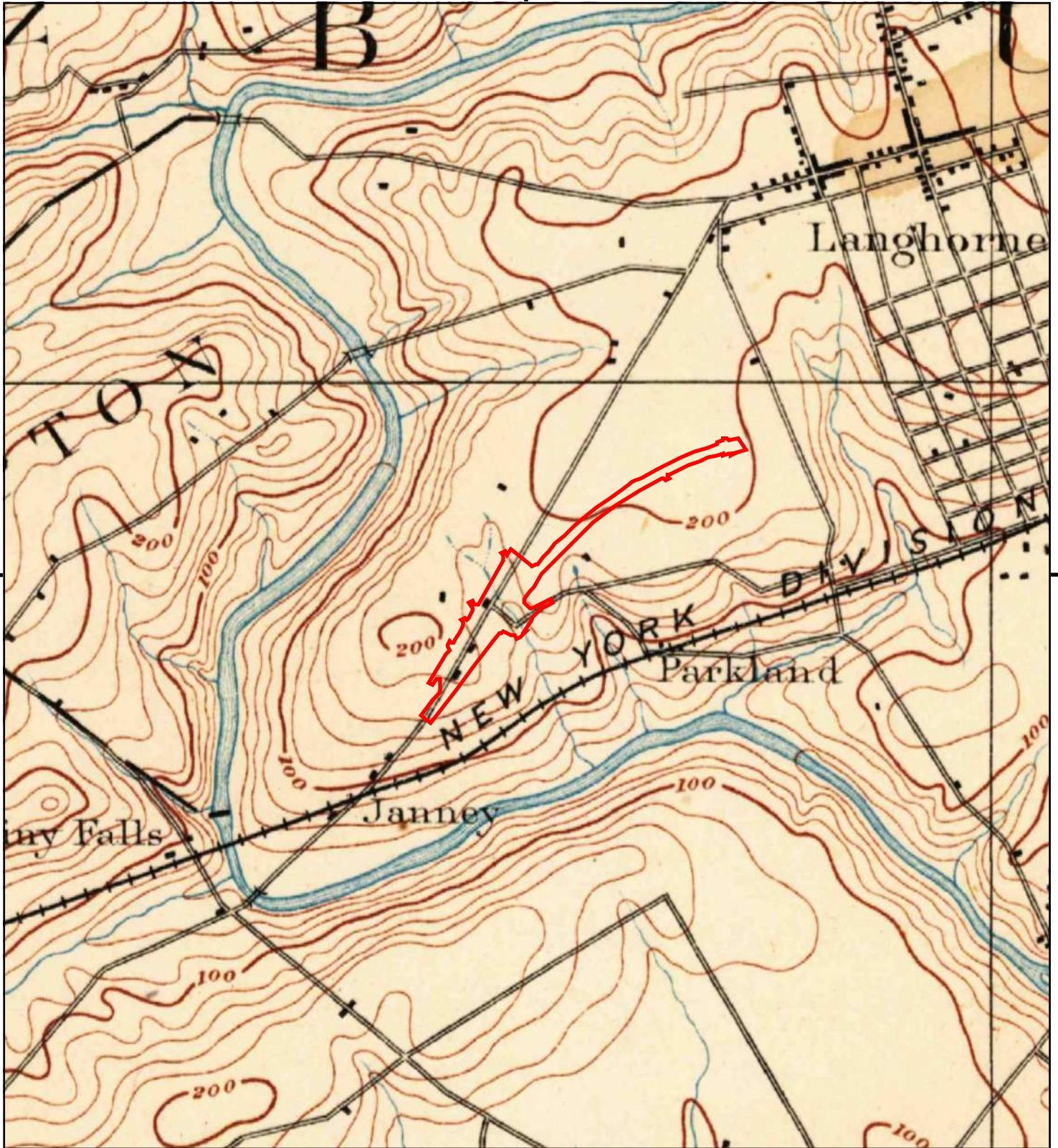
This report includes information from the following map sheet(s).



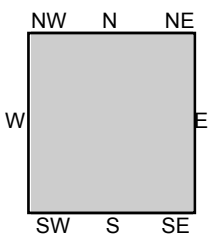
TP, Burlington, 1904, 15-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





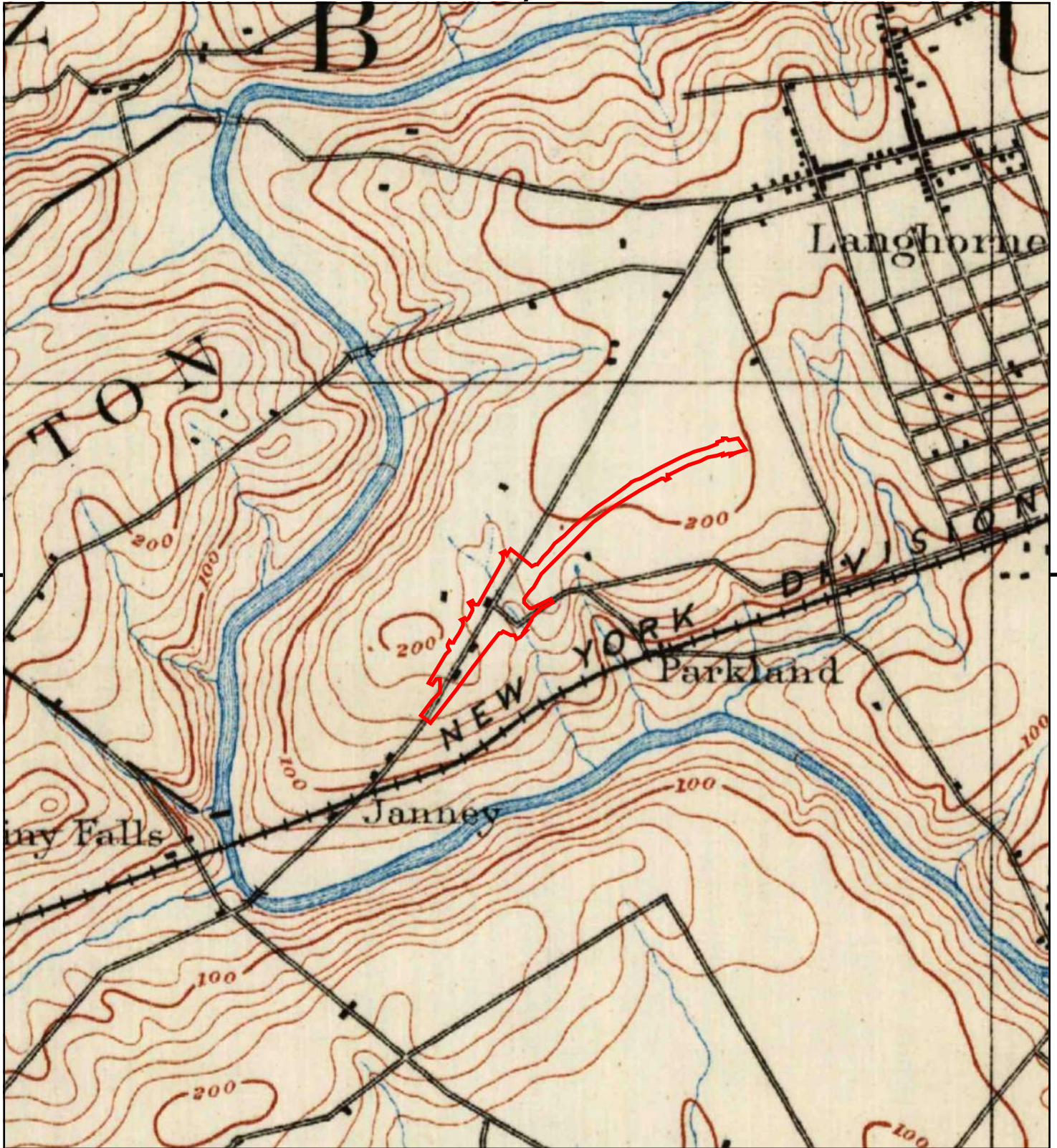
This report includes information from the following map sheet(s).



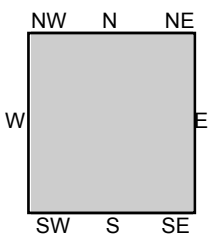
TP, Burlington, 1893, 15-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.





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



TP, Burlington, 1890, 15-minute

SITE NAME: S.R. 0001 - RC3 South Section
 ADDRESS: SR 0001
 Langhorne, PA 19047
 CLIENT: Susquehanna Civil, Inc.



APPENDIX D:
Historical Aerial Photographs

S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.8

March 03, 2021

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

03/03/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.8

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=875'	Flight Year: 2017	USDA/NAIP
2013	1"=875'	Flight Year: 2013	USDA/NAIP
2010	1"=875'	Flight Year: 2010	USDA/NAIP
2005	1"=875'	Flight Year: 2005	USDA/NAIP
1999	1"=875'	Acquisition Date: January 01, 1999	USGS/DOQQ
1995	1"=875'	Acquisition Date: January 01, 1995	USGS/DOQQ
1991	1"=875'	Flight Date: March 10, 1991	NHAP
1989	1"=875'	Flight Date: March 22, 1989	USGS
1985	1"=875'	Flight Date: March 26, 1985	USDA
1975	1"=875'	Flight Date: March 09, 1975	EDR Proprietary Aerial Viewpoint
1971	1"=875'	Flight Date: May 11, 1971	USDA
1969	1"=875'	Flight Date: April 01, 1969	EDR Proprietary Aerial Viewpoint
1965	1"=875'	Flight Date: April 04, 1965	EDR Proprietary Aerial Viewpoint
1953	1"=875'	Flight Date: April 03, 1953	USGS
1951	1"=875'	Flight Date: February 25, 1951	EDR Proprietary Aerial Viewpoint
1945	1"=875'	Flight Date: January 02, 1945	EDR Proprietary Aerial Viewpoint
1938	1"=875'	Flight Date: January 05, 1938	USDA

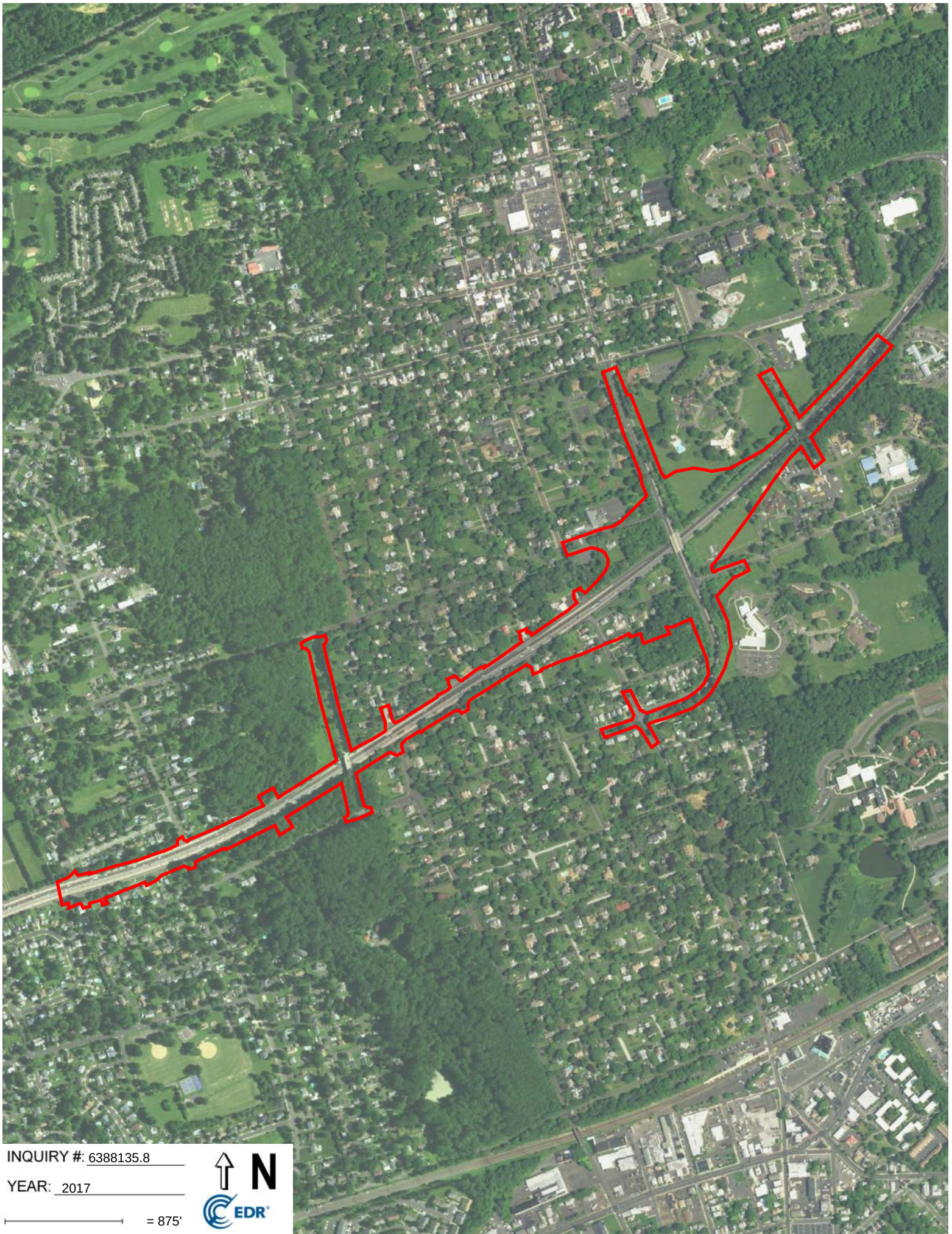
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 6388135.8

YEAR: 2017

— = 875'



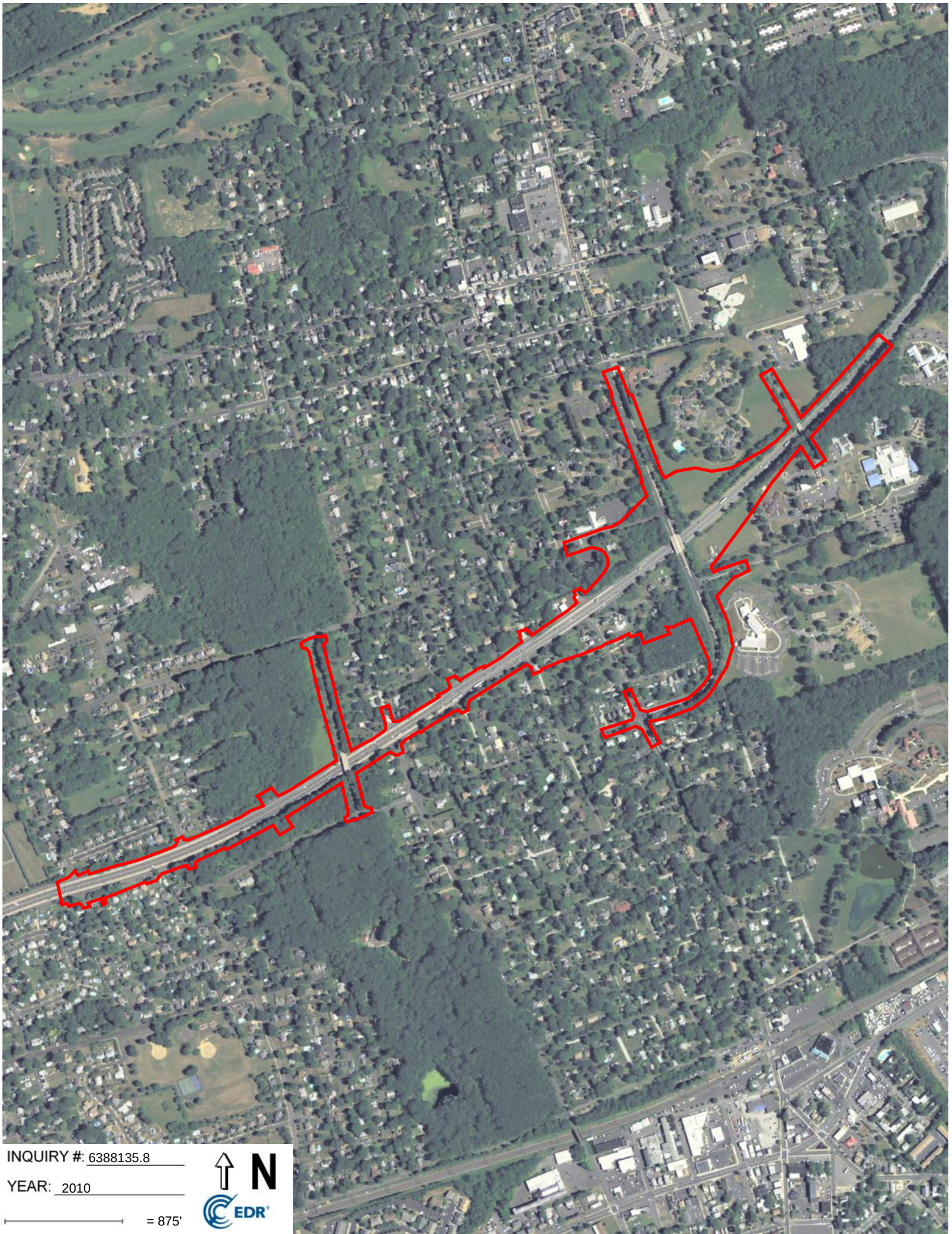


INQUIRY #: 6388135.8

YEAR: 2013

— = 875'



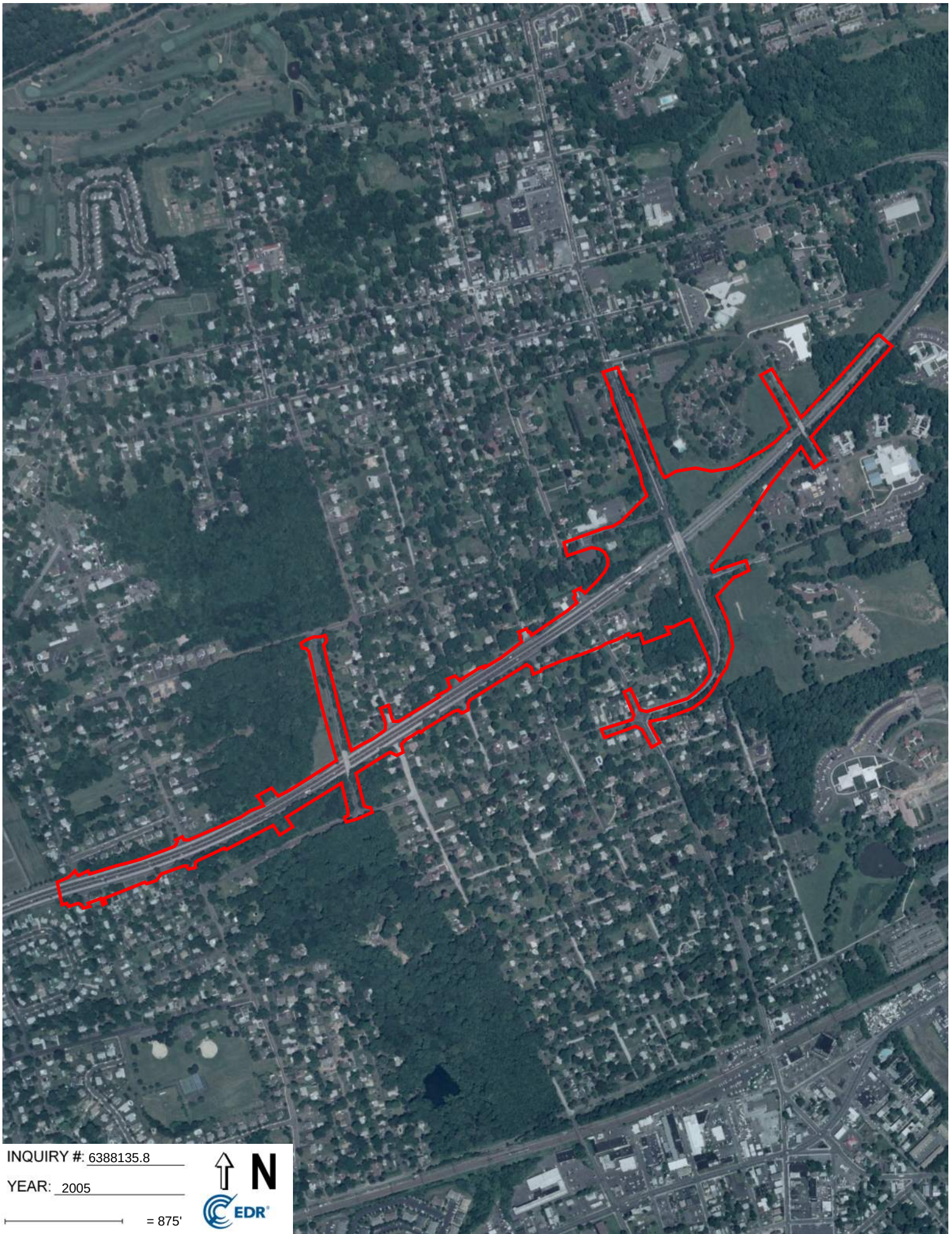


INQUIRY #: 6388135.8

YEAR: 2010

— = 875'





INQUIRY #: 6388135.8

YEAR: 2005

— = 875'



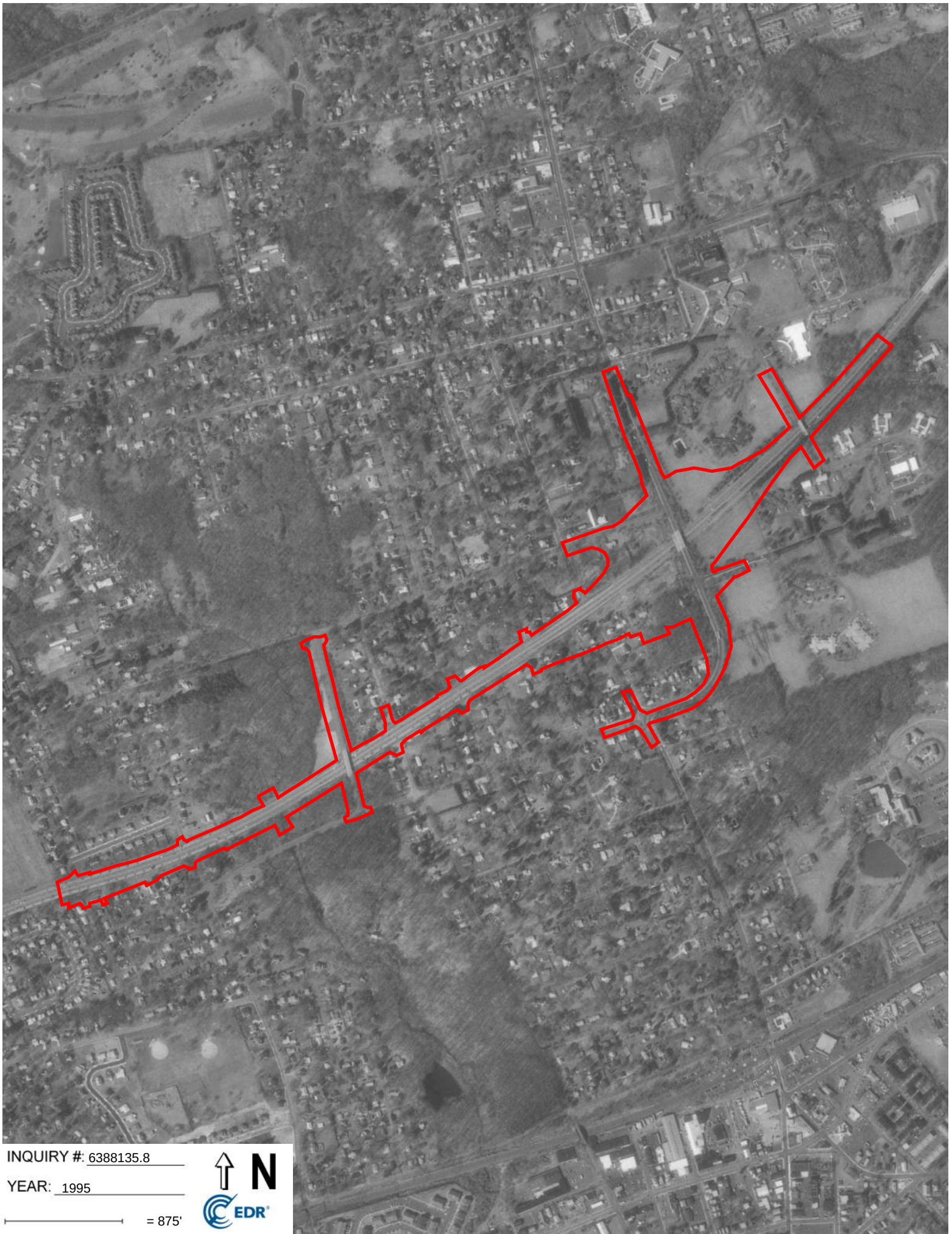


INQUIRY #: 6388135.8

YEAR: 1999

— = 875'





INQUIRY #: 6388135.8

YEAR: 1995

— = 875'





INQUIRY #: 6388135.8

YEAR: 1991

— = 875'



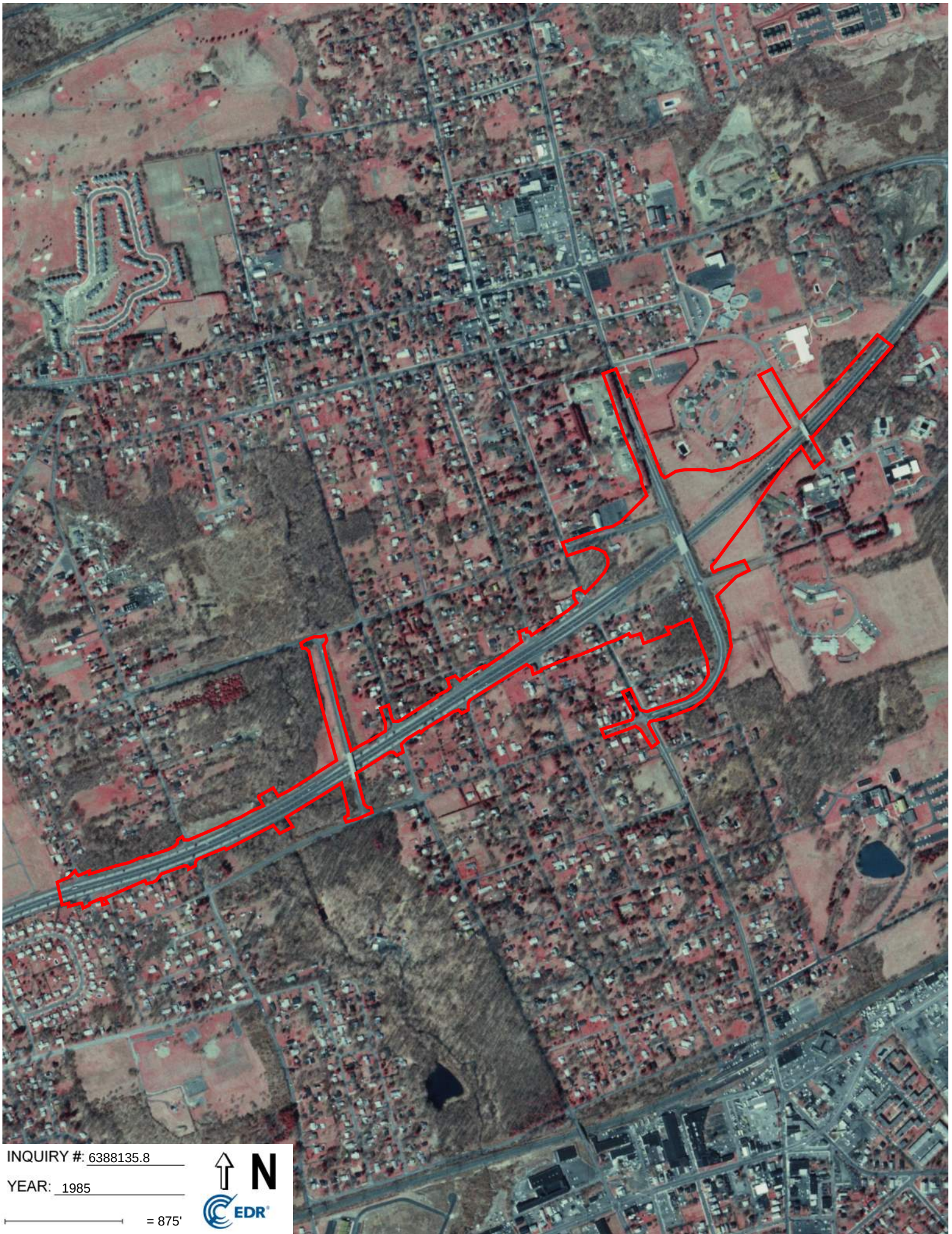


INQUIRY #: 6388135.8

YEAR: 1989

— = 875'



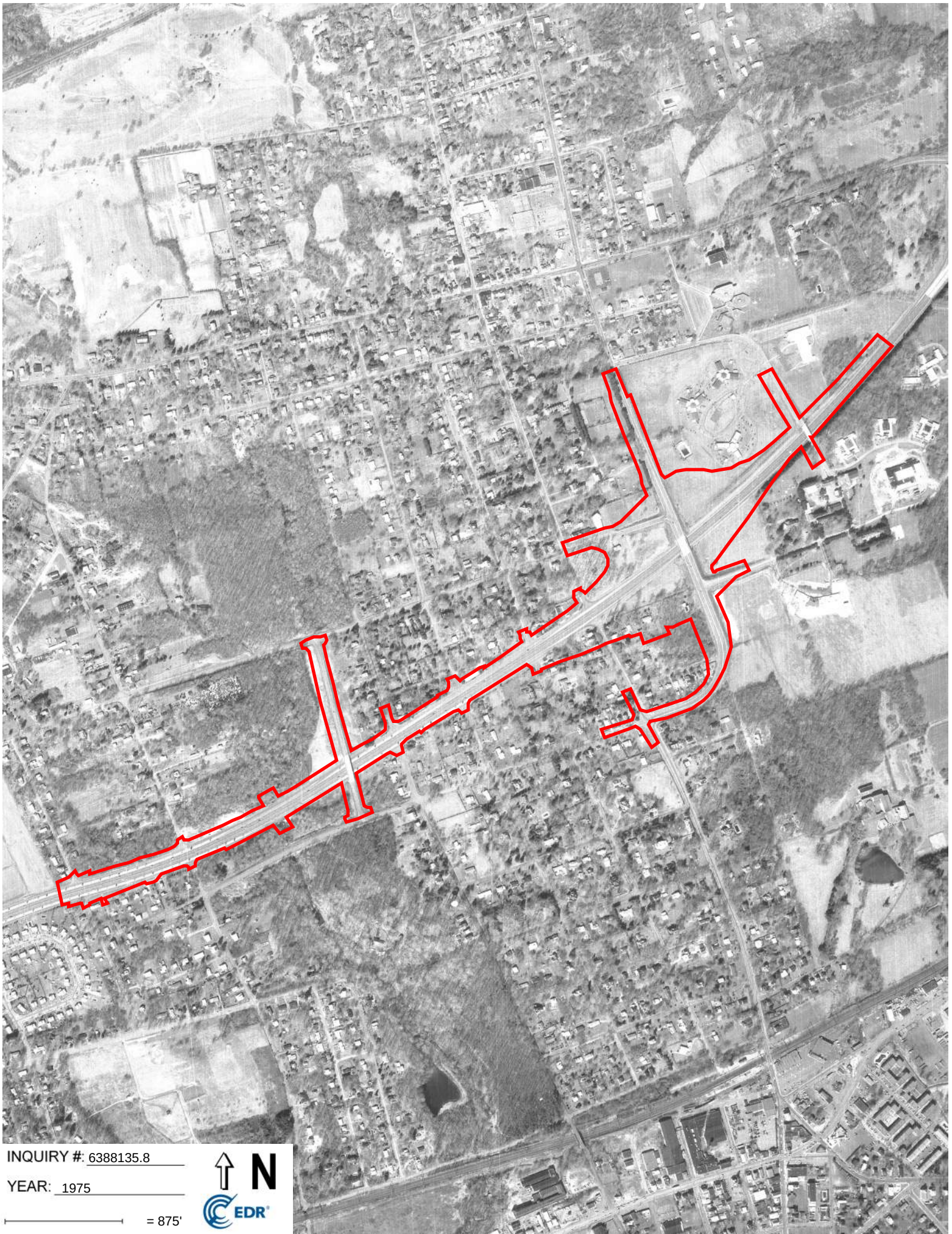


INQUIRY #: 6388135.8

YEAR: 1985

— = 875'





INQUIRY #: 6388135.8

YEAR: 1975

— = 875'





INQUIRY #: 6388135.8

YEAR: 1971

— = 875'





INQUIRY #: 6388135.8

YEAR: 1969

— = 875'





INQUIRY #: 6388135.8

YEAR: 1965

— = 875'





INQUIRY #: 6388135.8

YEAR: 1953

875'





INQUIRY #: 6388135.8

YEAR: 1951

— = 875'





INQUIRY #: 6388135.8

YEAR: 1945

— = 875'





INQUIRY #: 6388135.8

YEAR: 1938

— = 875'



S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.8

March 02, 2021

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

03/02/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.8

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=750'	Flight Year: 2017	USDA/NAIP
2013	1"=750'	Flight Year: 2013	USDA/NAIP
2010	1"=750'	Flight Year: 2010	USDA/NAIP
2005	1"=750'	Flight Year: 2005	USDA/NAIP
1999	1"=750'	Acquisition Date: January 01, 1999	USGS/DOQQ
1995	1"=750'	Flight Date: March 25, 1995	NHAP
1991	1"=750'	Flight Date: March 08, 1991	NHAP
1988	1"=750'	Flight Date: May 27, 1988	NAPP
1984	1"=750'	Flight Date: March 26, 1984	NHAP
1975	1"=750'	Flight Date: March 09, 1975	EDR Proprietary Aerial Viewpoint
1971	1"=750'	Flight Date: May 11, 1971	USDA
1969	1"=750'	Flight Date: April 01, 1969	EDR Proprietary Aerial Viewpoint
1965	1"=750'	Flight Date: April 04, 1965	EDR Proprietary Aerial Viewpoint
1953	1"=750'	Flight Date: April 03, 1953	USGS
1951	1"=750'	Flight Date: February 25, 1951	EDR Proprietary Aerial Viewpoint
1945	1"=750'	Flight Date: January 02, 1945	EDR Proprietary Aerial Viewpoint
1938	1"=750'	Flight Date: January 05, 1938	USDA

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

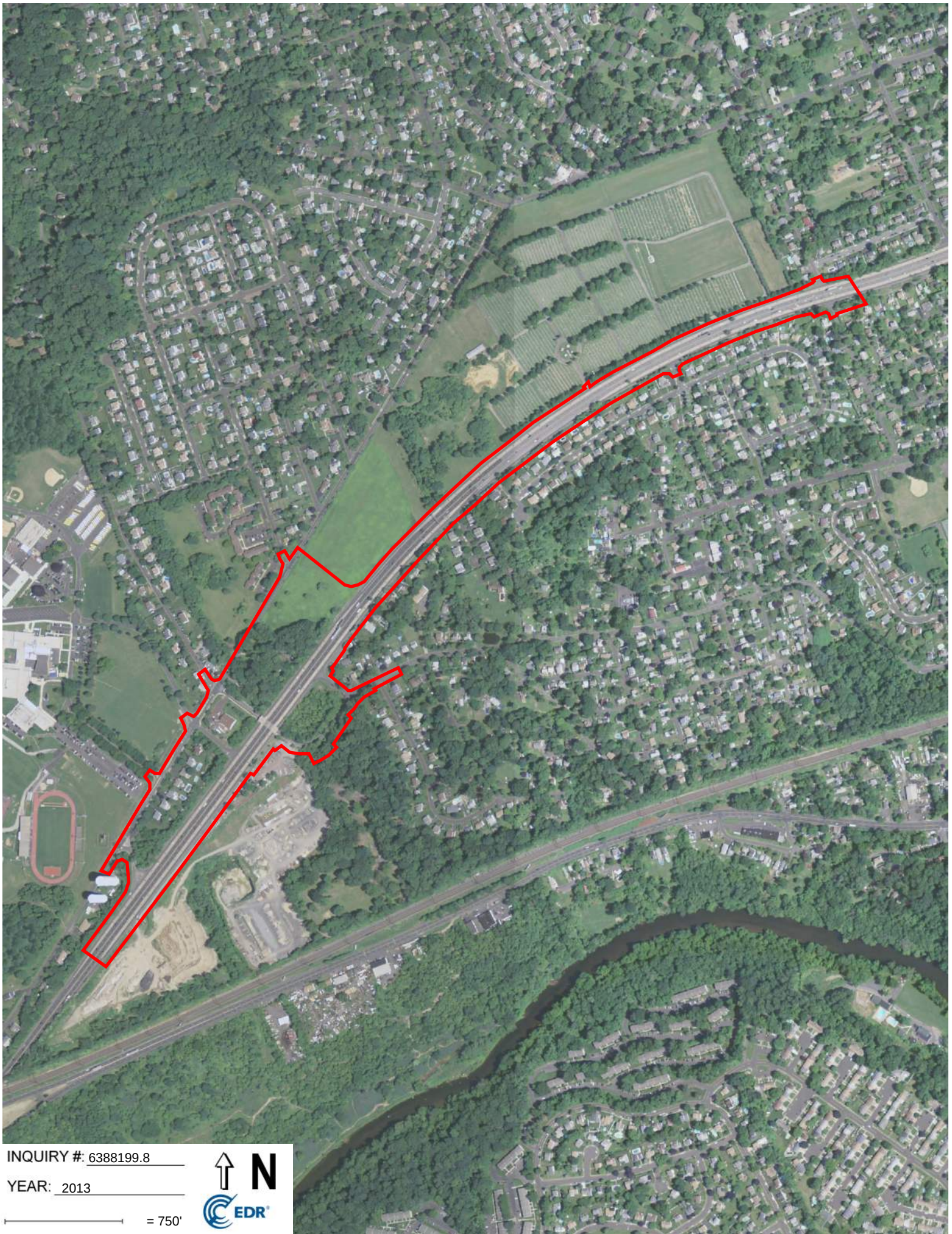


INQUIRY #: 6388199.8

YEAR: 2017

— = 750'



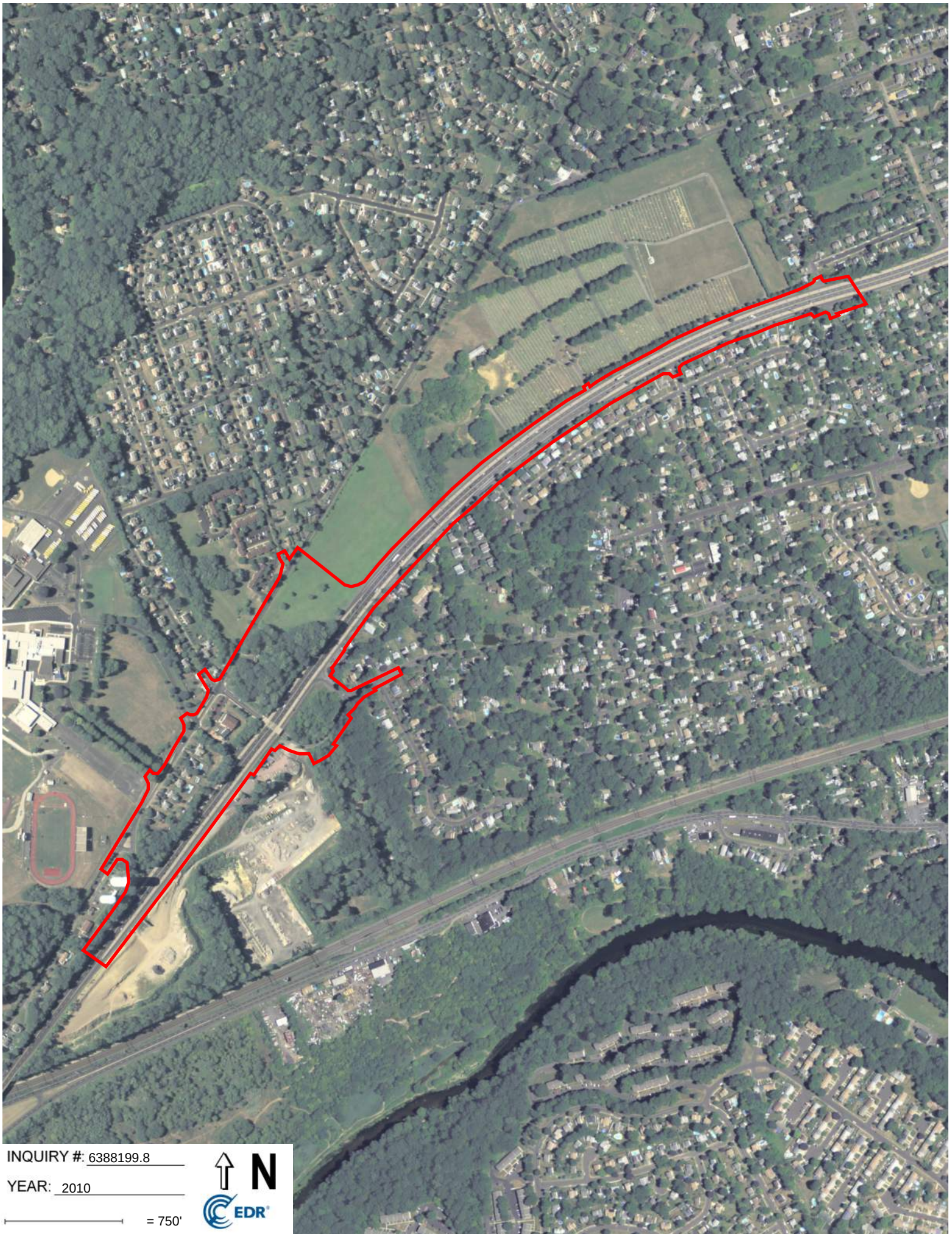


INQUIRY #: 6388199.8

YEAR: 2013

— = 750'





INQUIRY #: 6388199.8

YEAR: 2010

— = 750'





INQUIRY #: 6388199.8

YEAR: 2005

— = 750'





INQUIRY #: 6388199.8

YEAR: 1999

— = 750'



3-25-95



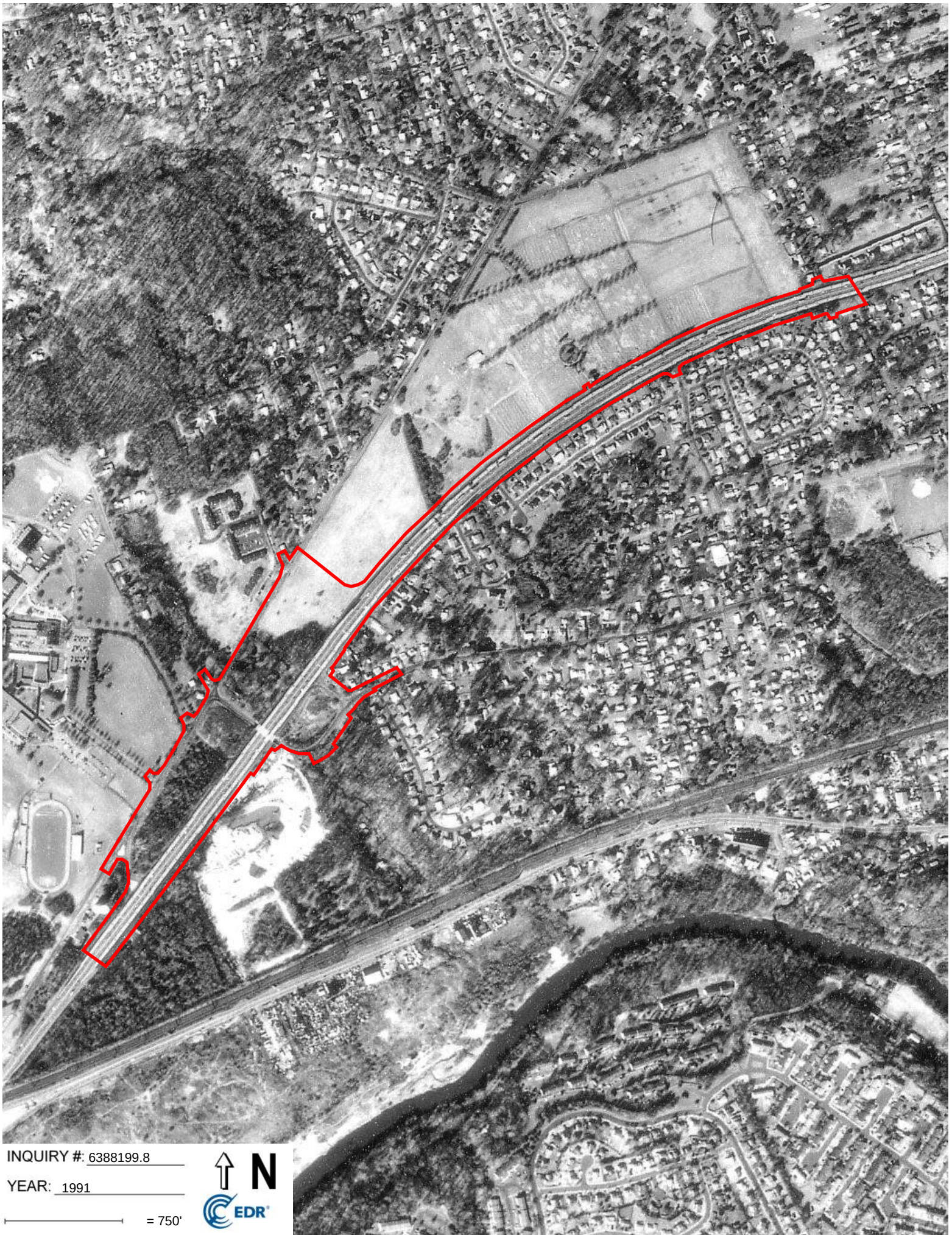
INQUIRY #: 6388199.8

YEAR: 1995

— = 750'



Subject boundary not shown because it exceeds image extent or is outside the image

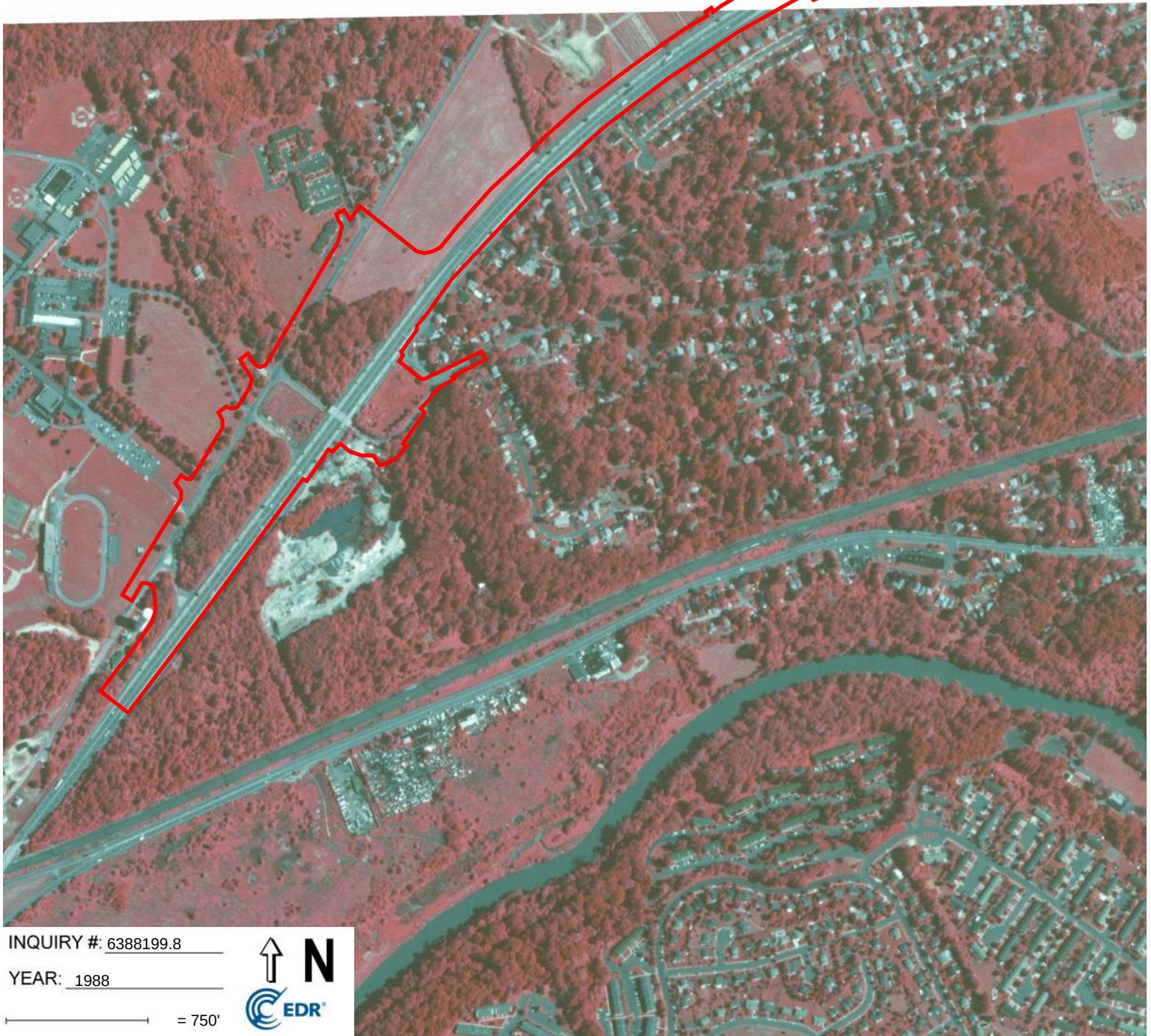


INQUIRY #: 6388199.8

YEAR: 1991

— = 750'





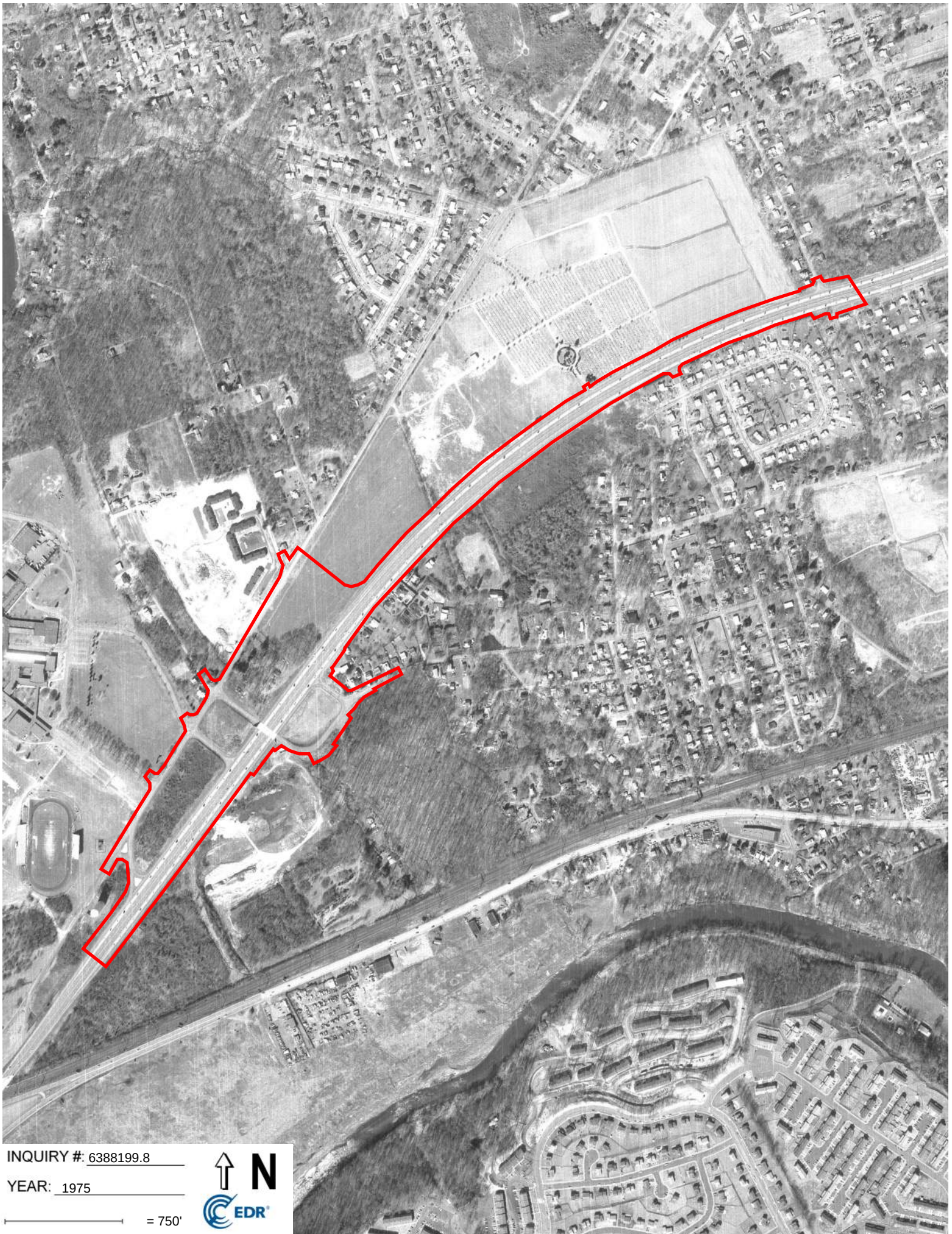


INQUIRY #: 6388199.8

YEAR: 1984

— = 750'



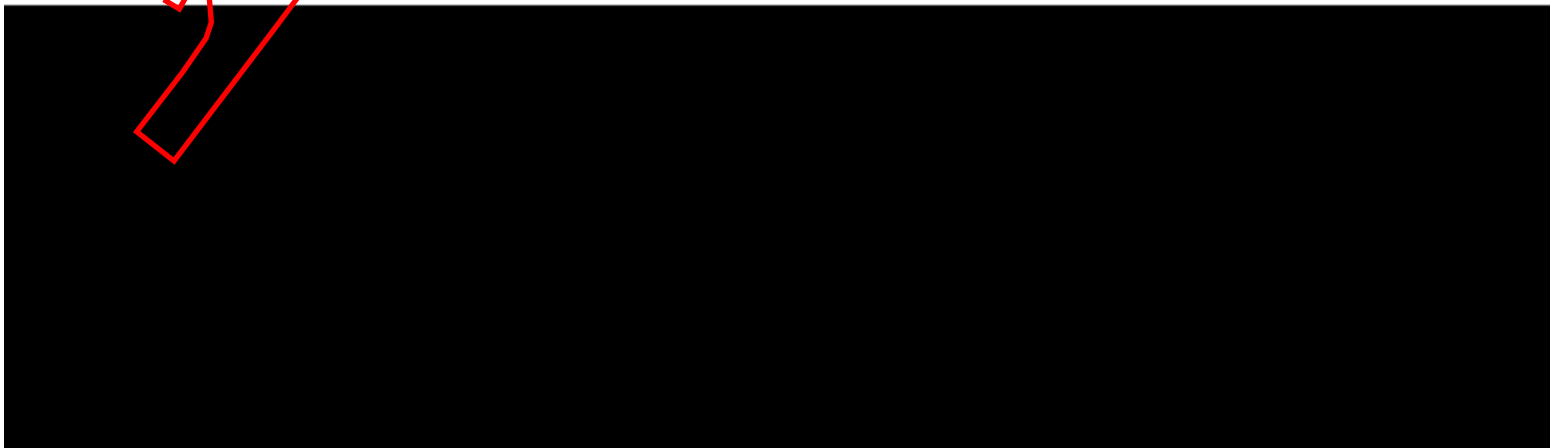


INQUIRY #: 6388199.8

YEAR: 1975

— = 750'





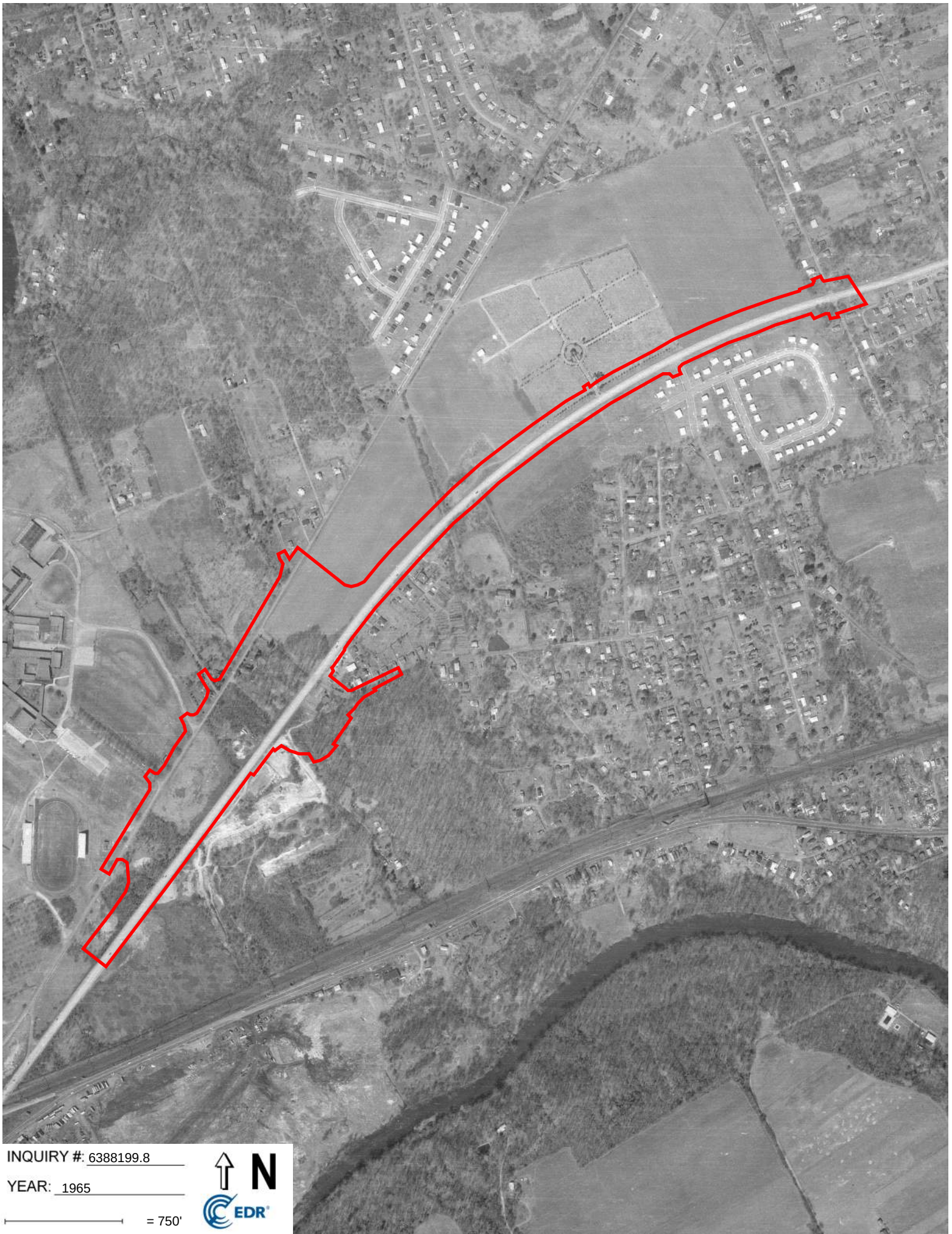


INQUIRY #: 6388199.8

YEAR: 1969

— = 750'



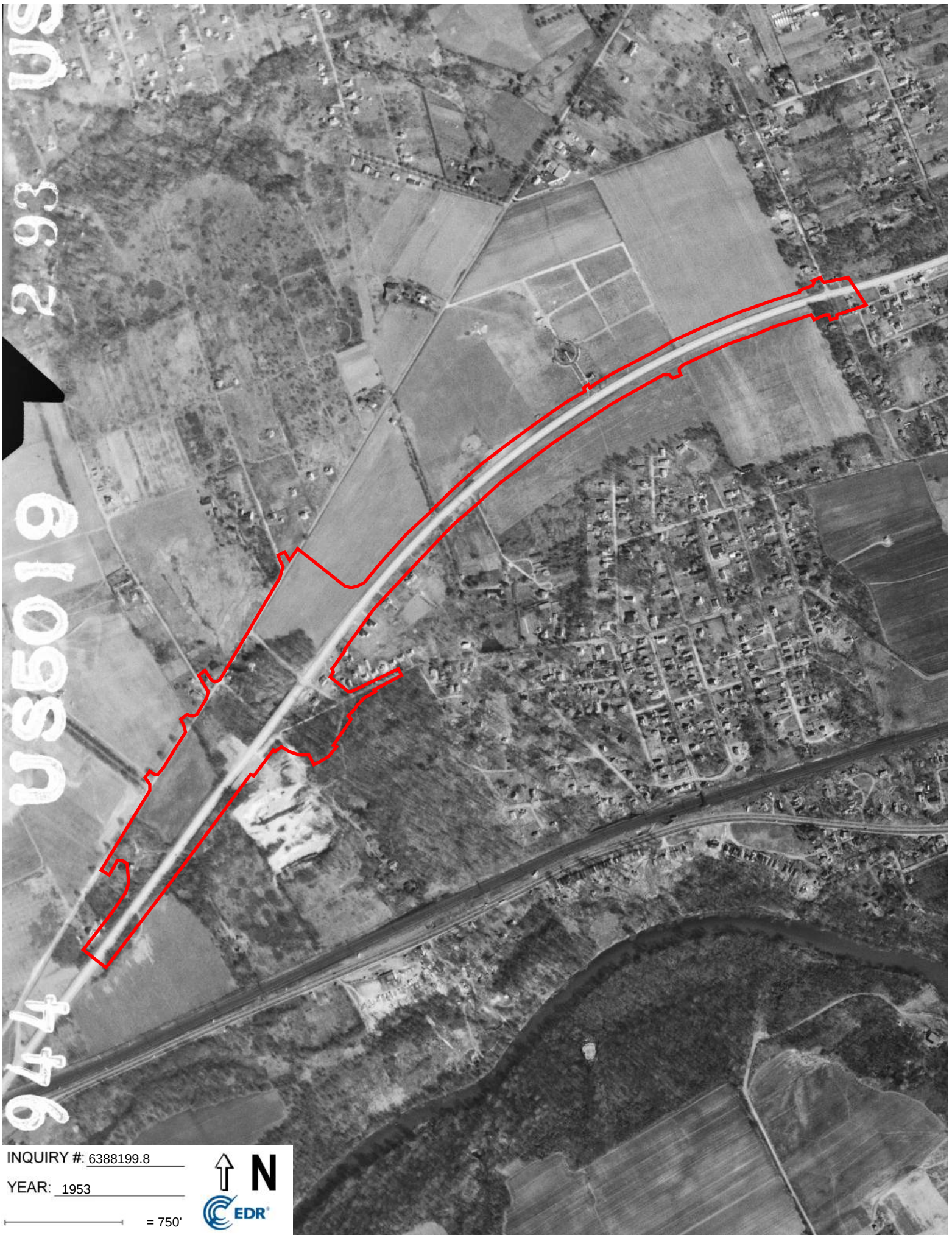


INQUIRY #: 6388199.8

YEAR: 1965

— = 750'



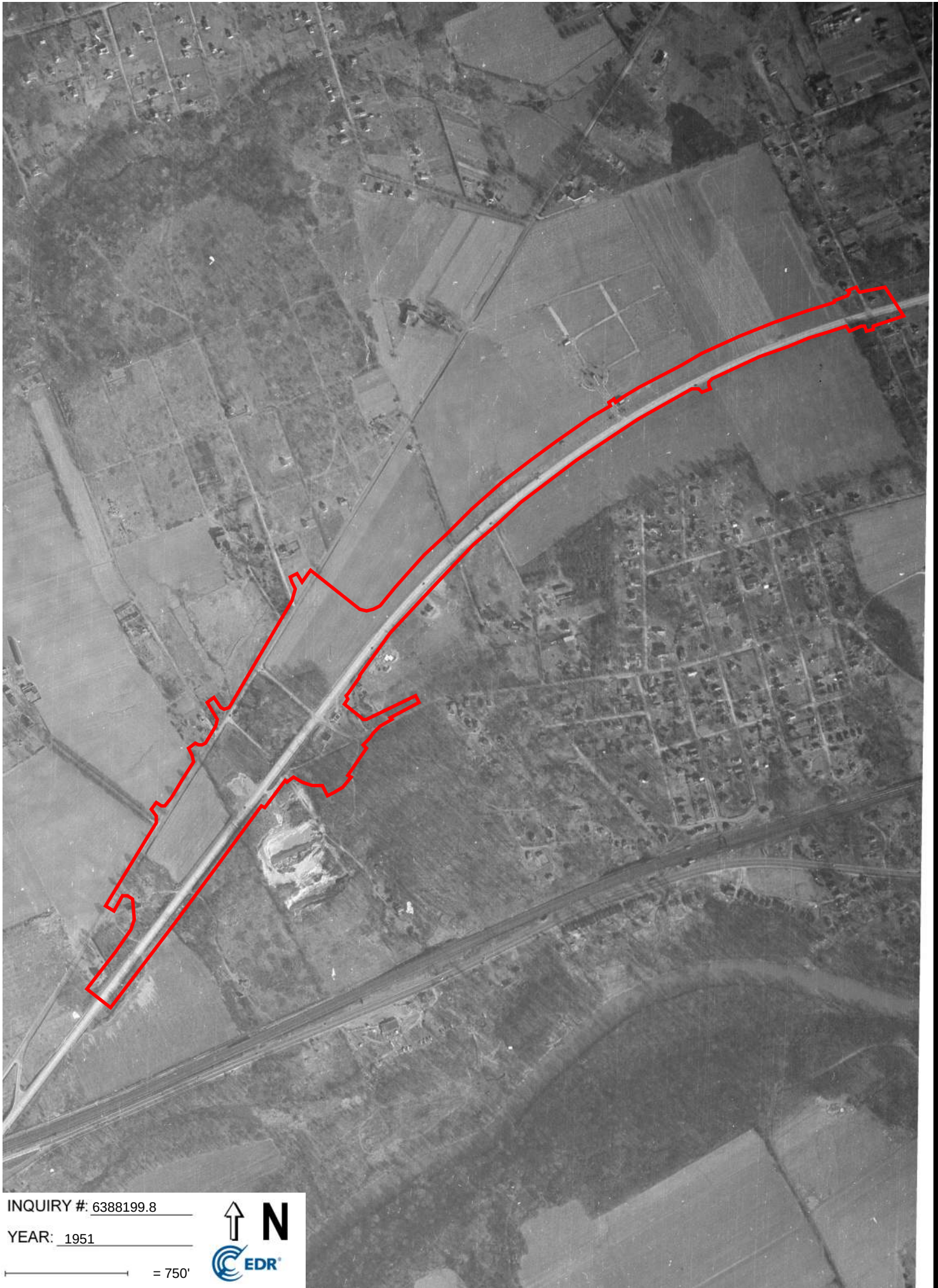


INQUIRY #: 6388199.8

YEAR: 1953

— = 750'





INQUIRY #: 6388199.8

YEAR: 1951

— = 750'



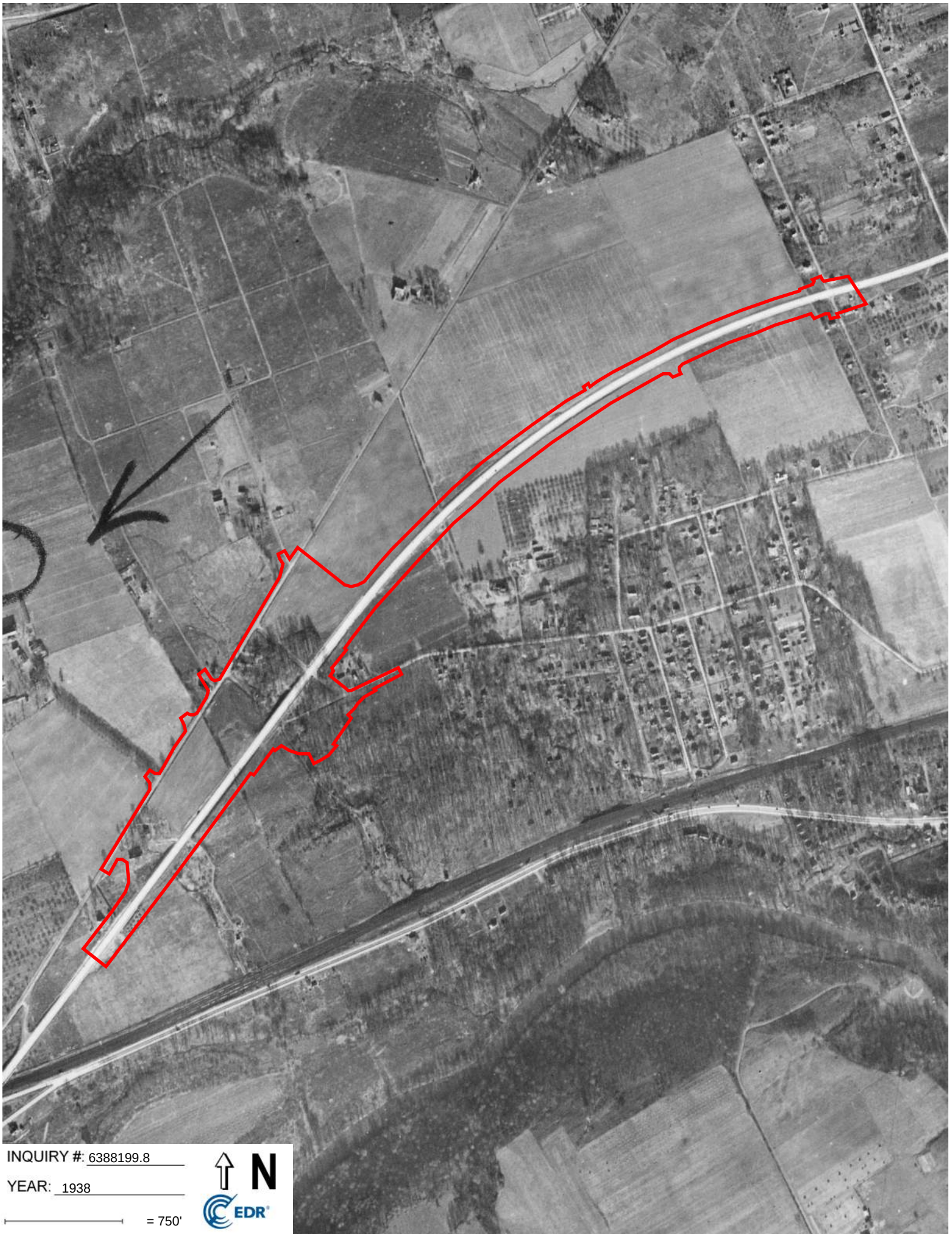


INQUIRY #: 6388199.8

YEAR: 1945

— = 750'





INQUIRY #: 6388199.8

YEAR: 1938

— = 750'



APPENDIX E:
Sanborn Maps

S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 5
1950



Volume 1, Sheet 6
1950

1943 Source Sheets



Volume 1, Sheet 5
1943



Volume 1, Sheet 6
1943



Volume 1, Sheet 7
1943

1924 Source Sheets



Volume 1, Sheet 5
1924

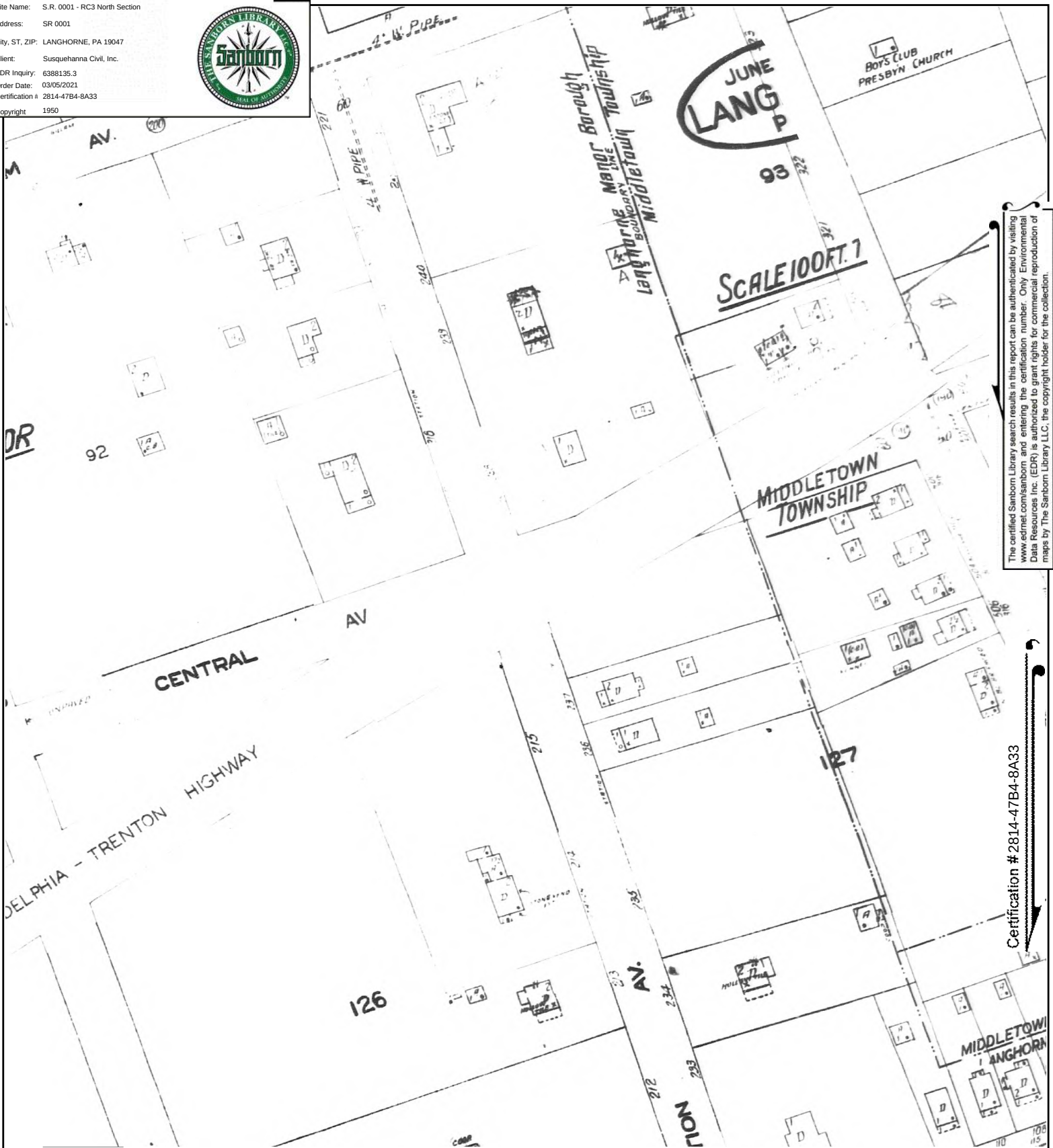


Volume 1, Sheet 6
1924



Volume 1, Sheet 7
1924

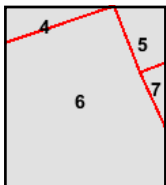
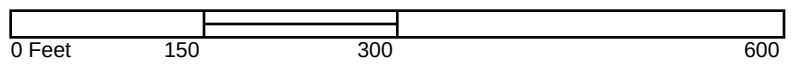
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # 2814-47B4-8A33

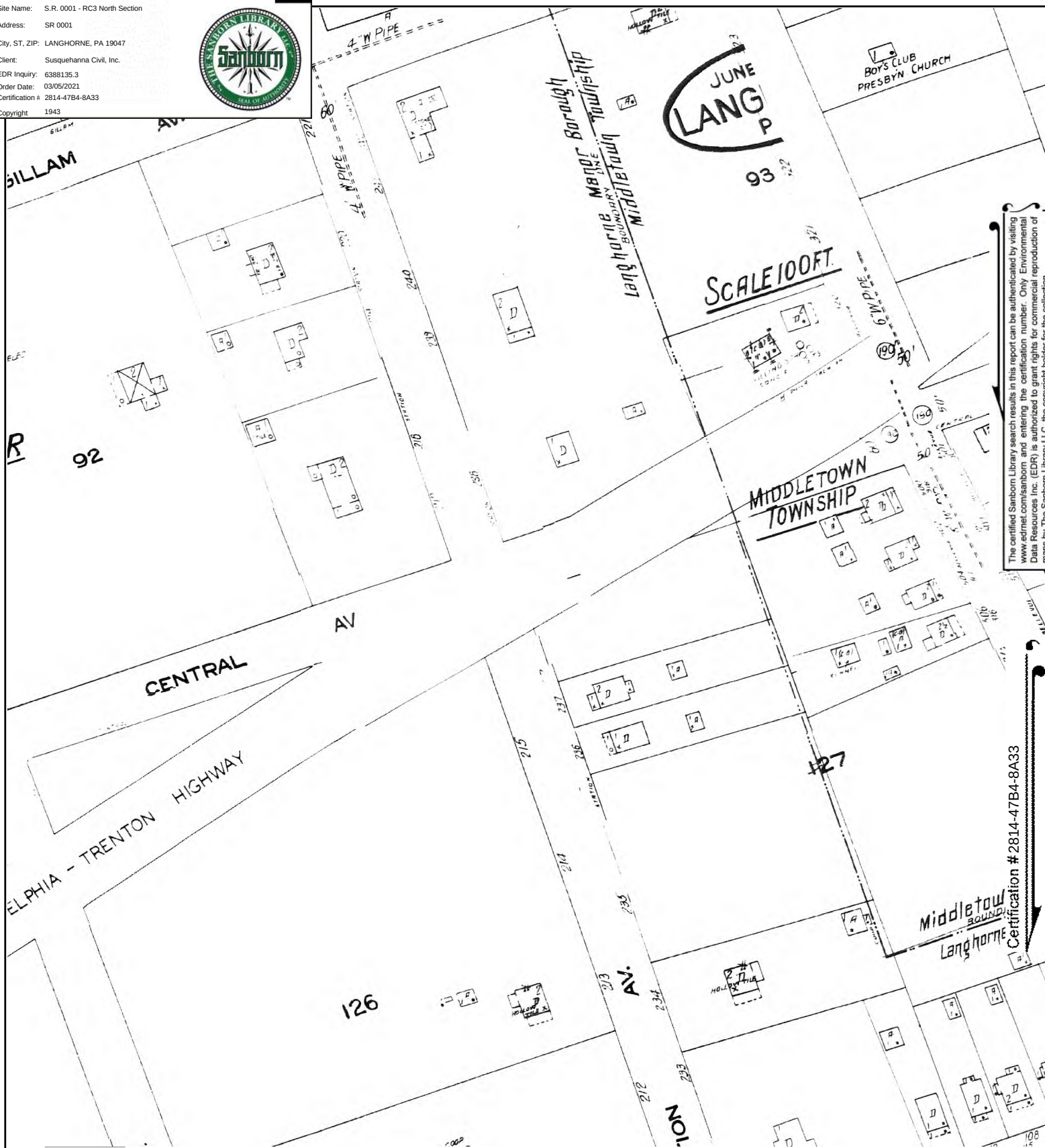
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 5

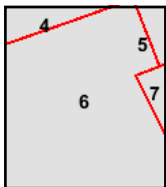
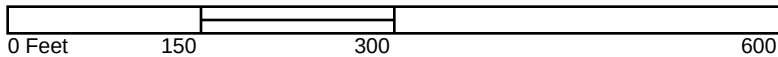


Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

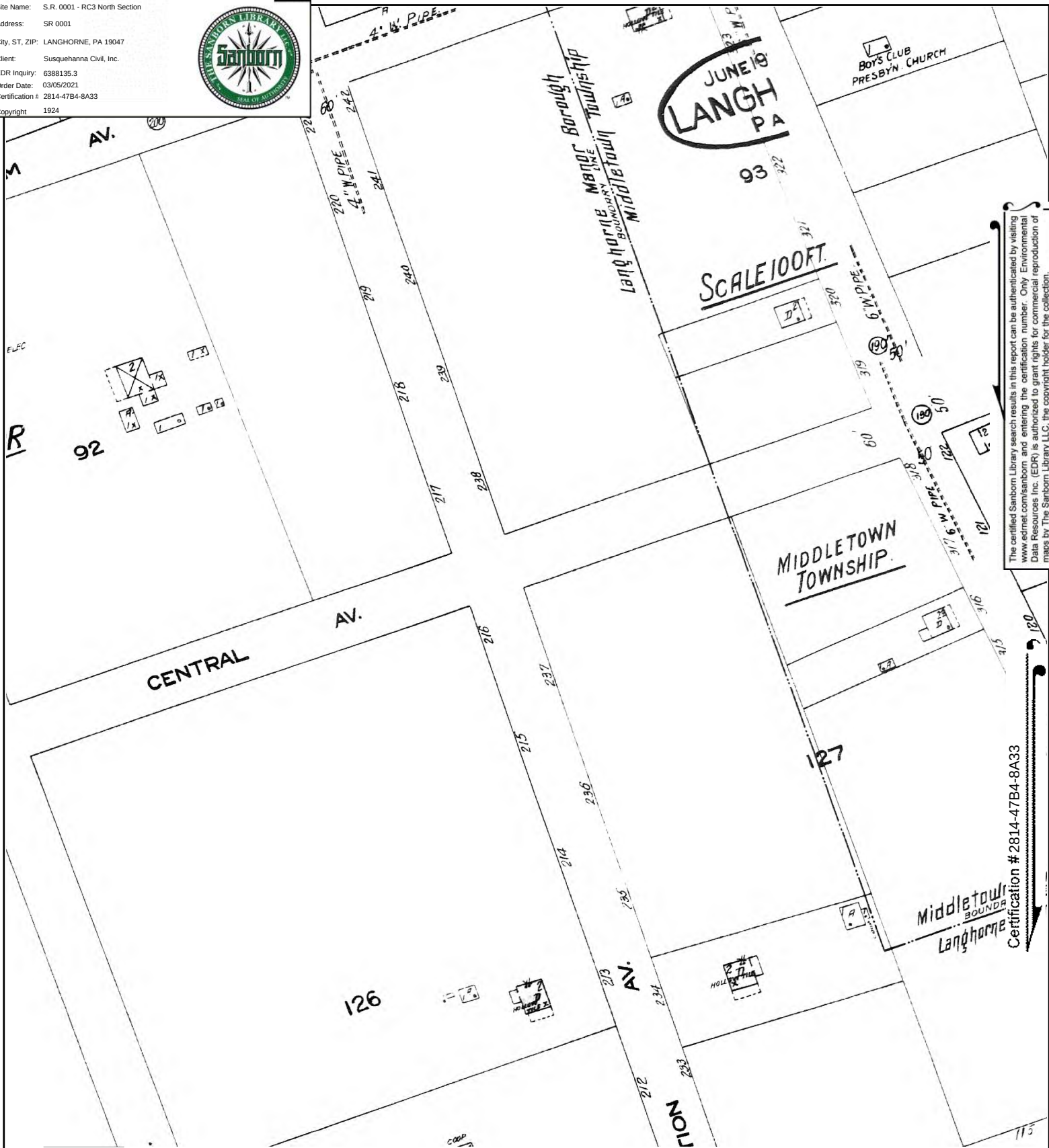
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6
 Volume 1, Sheet 5



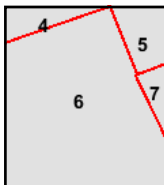
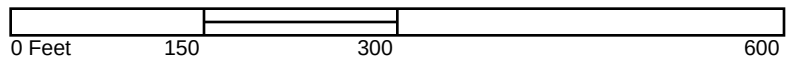
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6
 Volume 1, Sheet 5



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 4
1950



Volume 1, Sheet 5
1950

1943 Source Sheets



Volume 1, Sheet 4
1943



Volume 1, Sheet 5
1943

1924 Source Sheets



Volume 1, Sheet 4
1924



Volume 1, Sheet 5
1924

Site Name: S.R. 0001 - RC3 North Section

Address: SR 0001

City, ST, ZIP: LANGHORNE, PA 19047

Client: Susquehanna Civil, Inc.

EDR Inquiry: 6388135.3

Order Date: 03/05/2021

Certification #: 2814-47B4-8A33

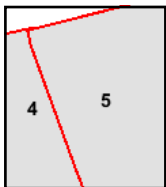
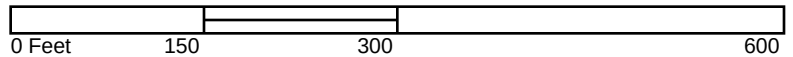
Copyright: 1950



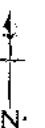
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5
Volume 1, Sheet 4



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



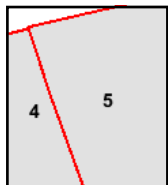
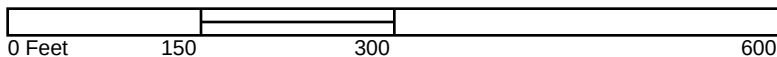
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5
 Volume 1, Sheet 4



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 5
1950

1943 Source Sheets



Volume 1, Sheet 5
1943

1924 Source Sheets



Volume 1, Sheet 5
1924

Site Name: S.R. 0001 - RC3 North Section
Address: SR 0001
City, ST, ZIP: LANGHORNE, PA 19047
Client: Susquehanna Civil, Inc.
EDR Inquiry: 6388135.3
Order Date: 03/05/2021
Certification #: 2814-47B4-8A33
Copyright: 1950

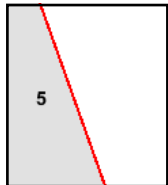
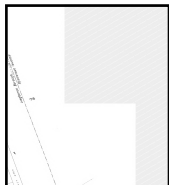
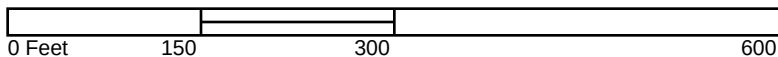


Langhorne Borough City Line Township
Middletown
78
NOR OPEN

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

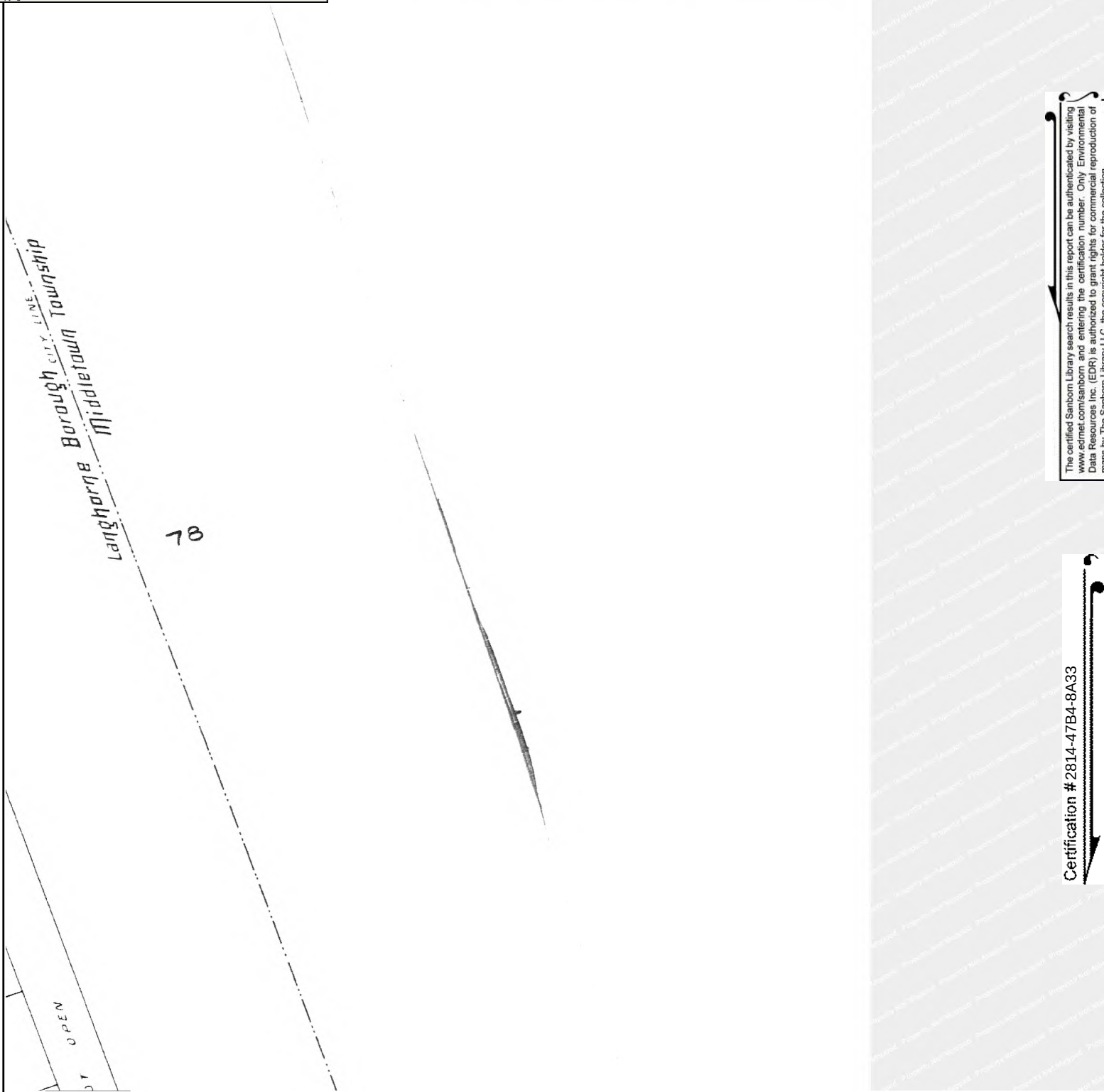
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5



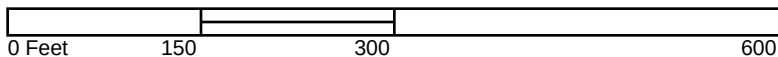
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



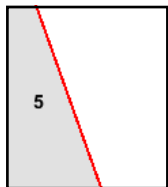
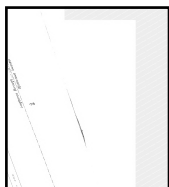
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

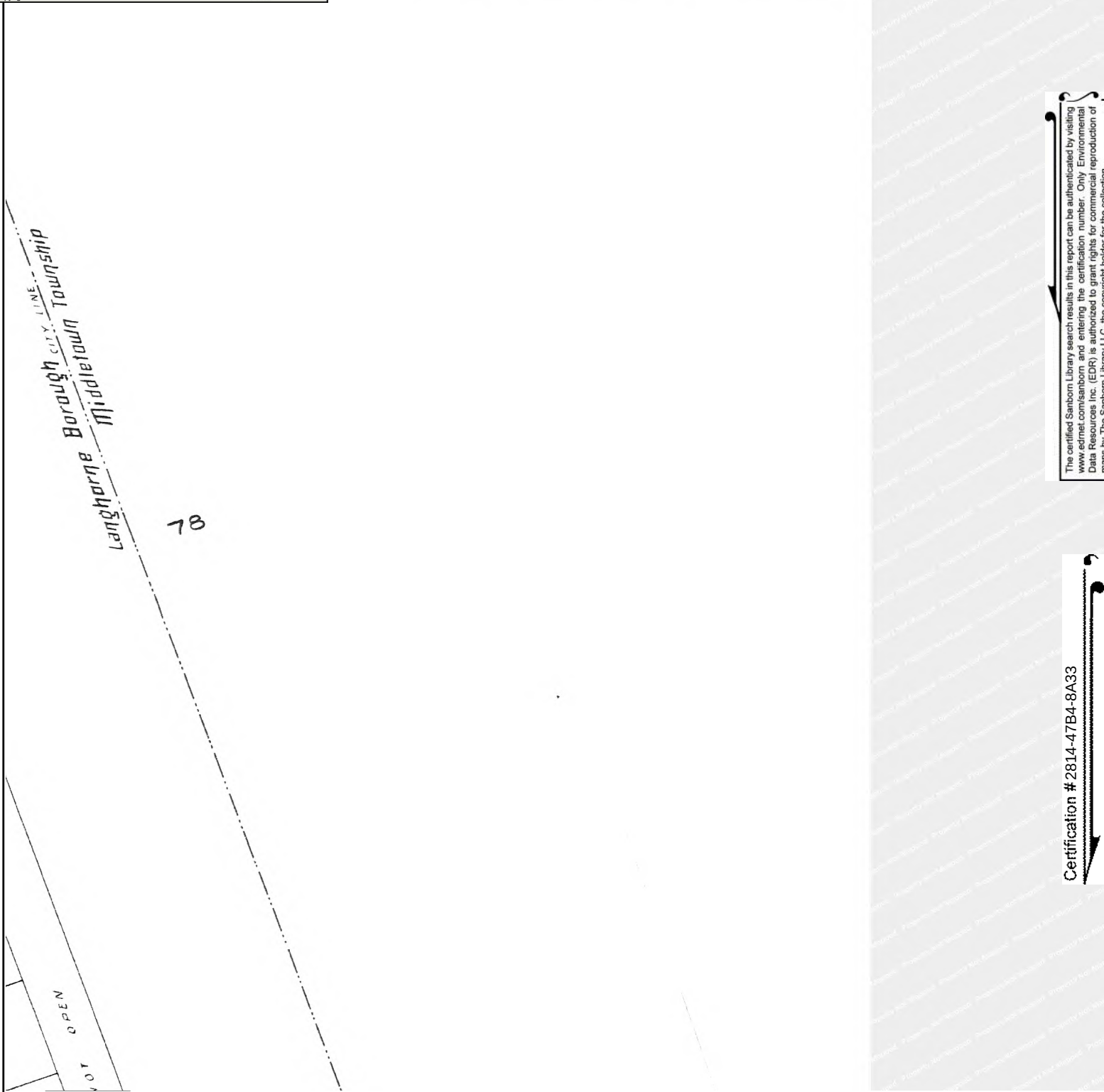
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5



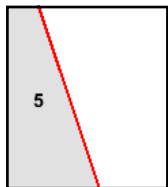
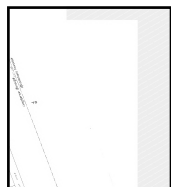
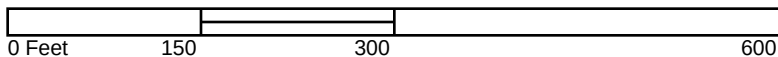
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 4
1950



Volume 1, Sheet 5
1950



Volume 1, Sheet 6
1950

1943 Source Sheets



Volume 1, Sheet 4
1943



Volume 1, Sheet 5
1943



Volume 1, Sheet 6
1943

1924 Source Sheets



Volume 1, Sheet 4
1924



Volume 1, Sheet 5
1924



Volume 1, Sheet 6
1924

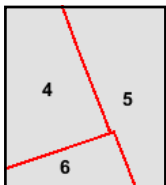
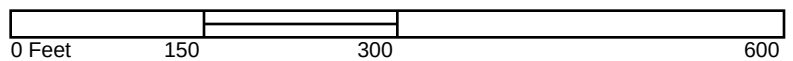
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



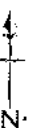
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

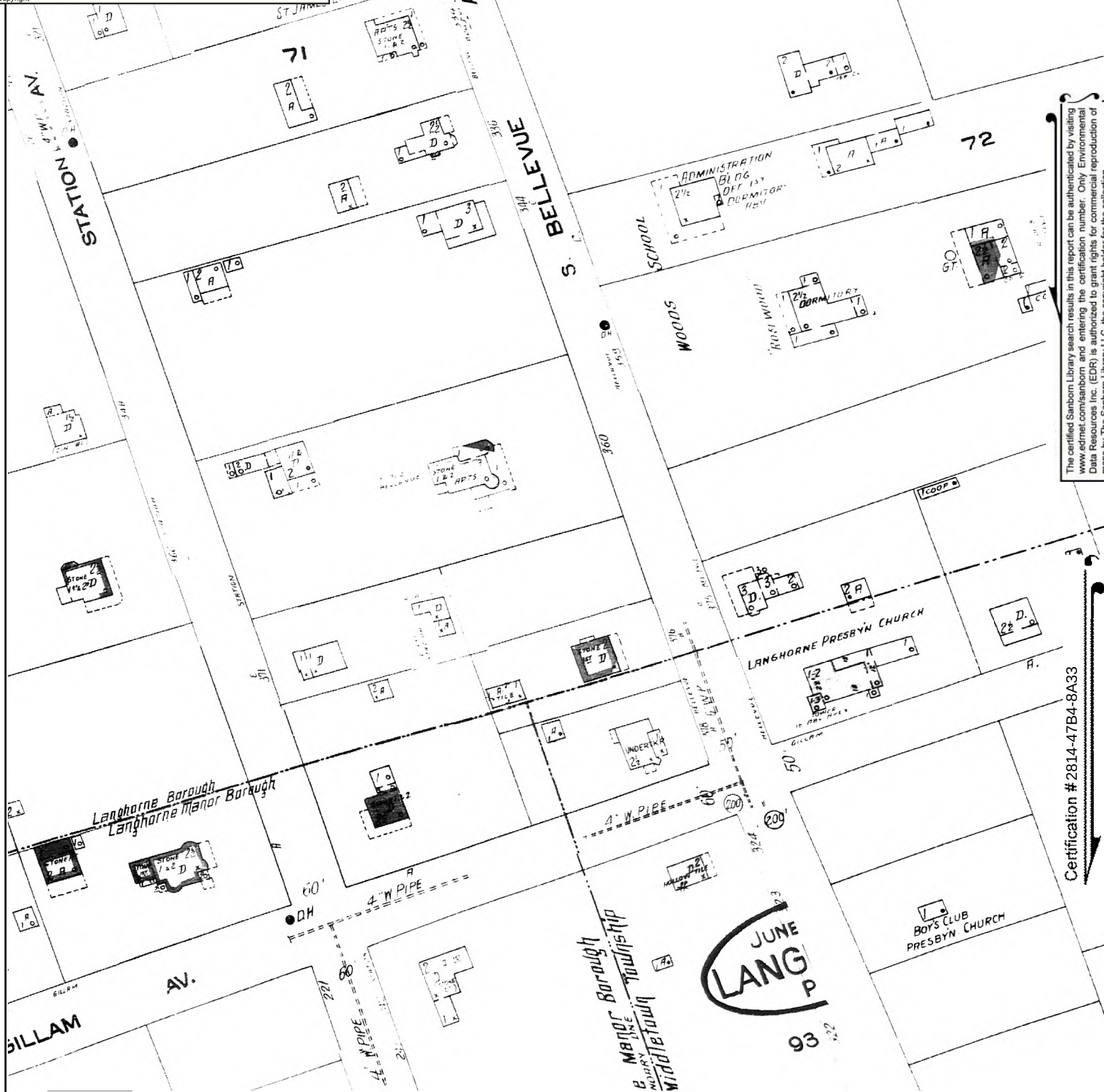
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 5
 Volume 1, Sheet 4



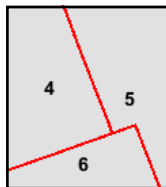
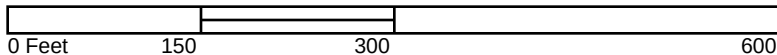
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

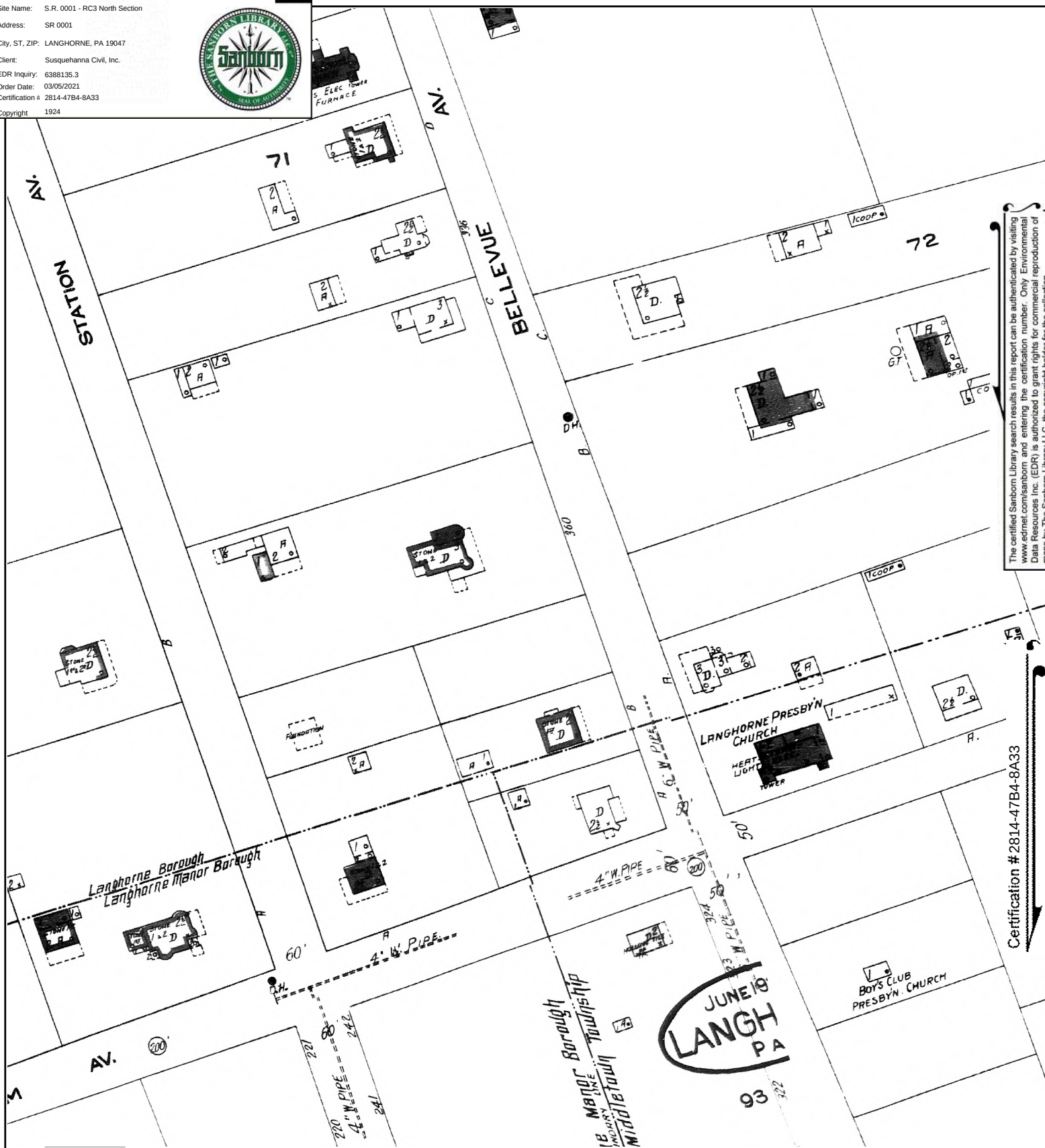
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 5
 Volume 1, Sheet 4



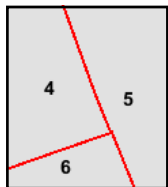
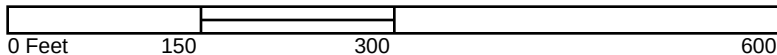
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



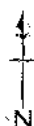
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 5
 Volume 1, Sheet 4



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 5
1950



Volume 1, Sheet 7
1950

1943 Source Sheets



Volume 1, Sheet 5
1943



Volume 1, Sheet 7
1943

1924 Source Sheets

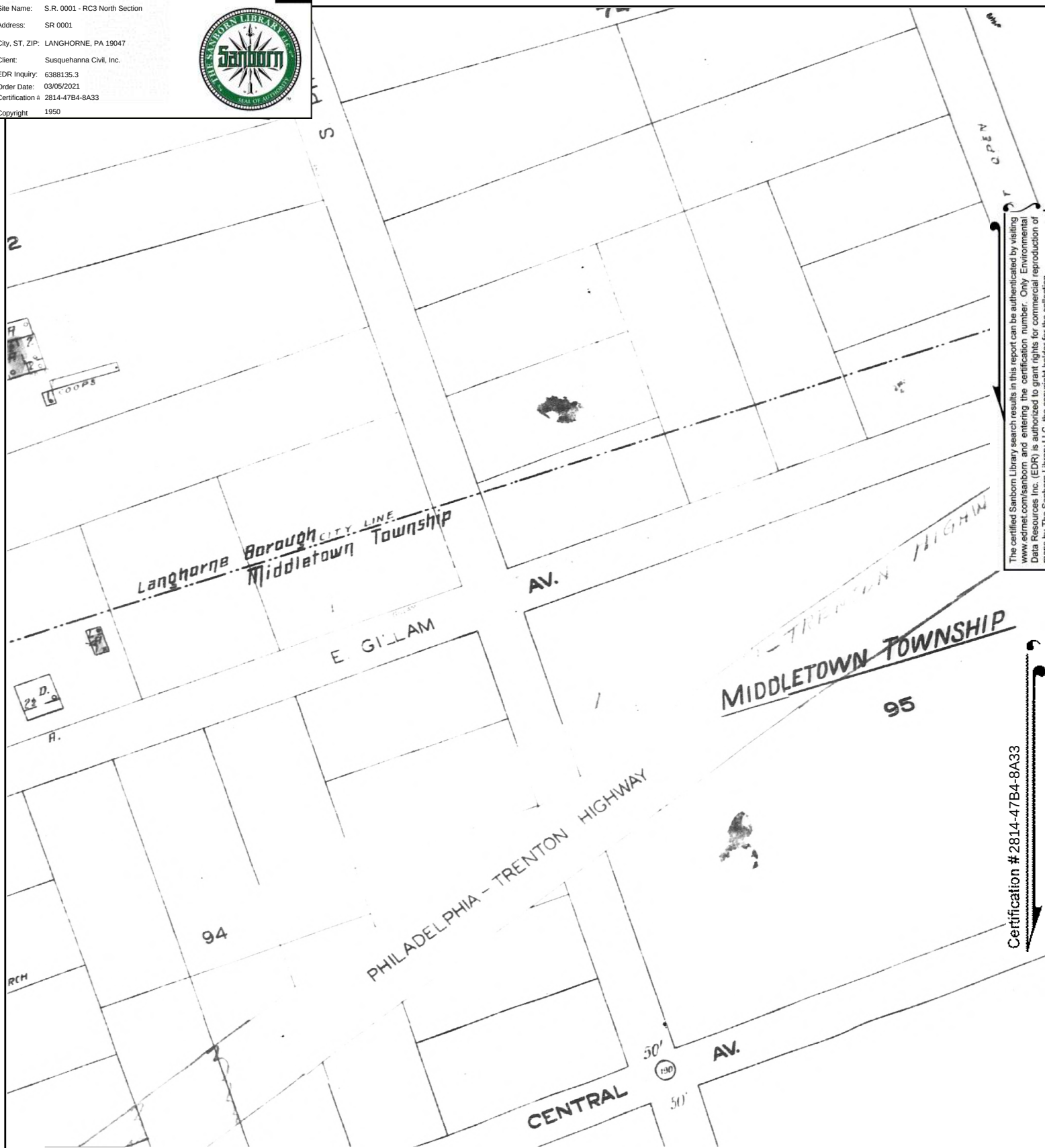


Volume 1, Sheet 5
1924



Volume 1, Sheet 7
1924

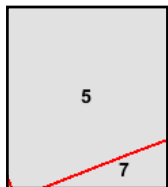
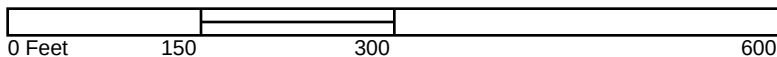
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

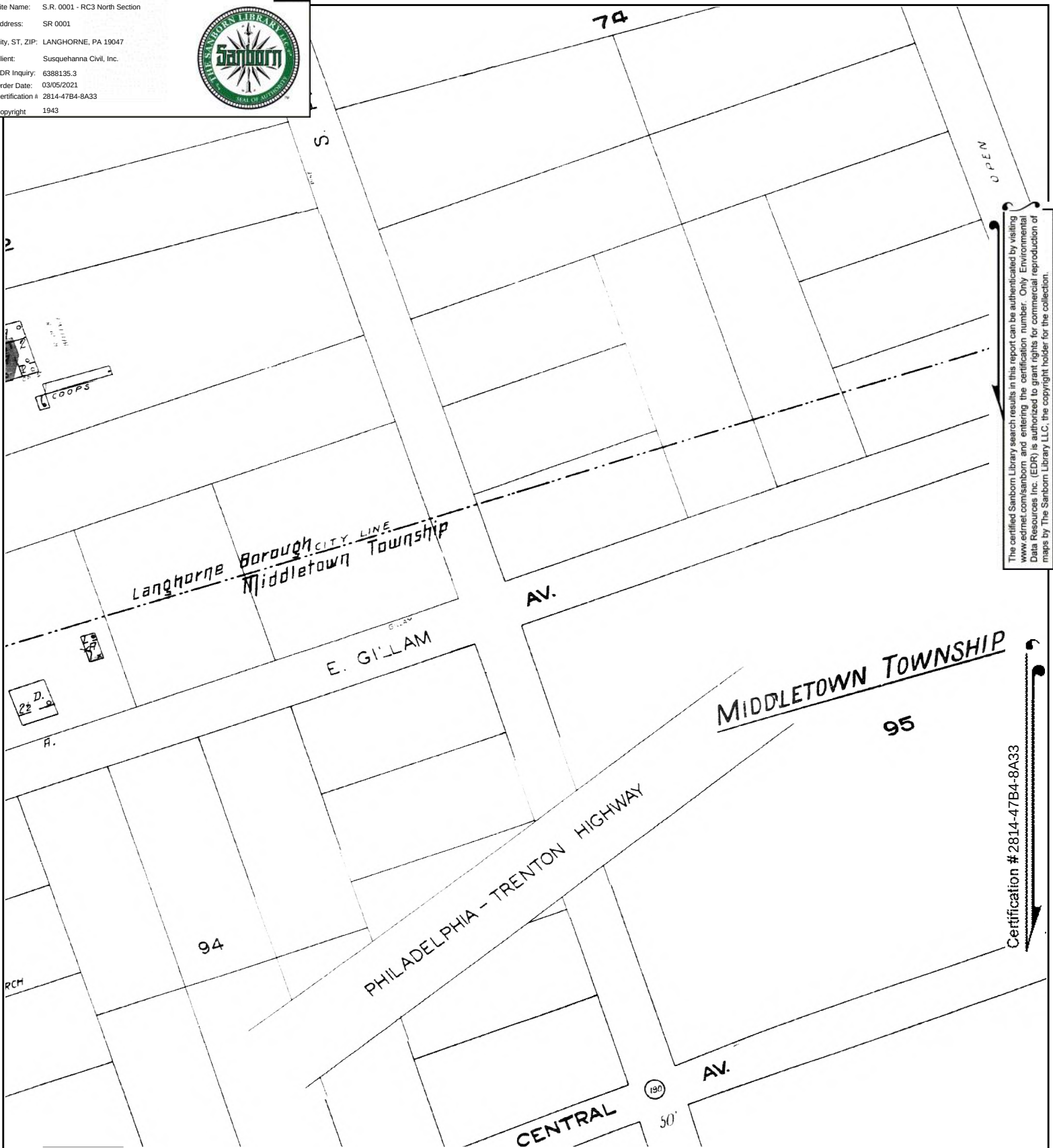
Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5

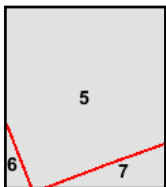
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

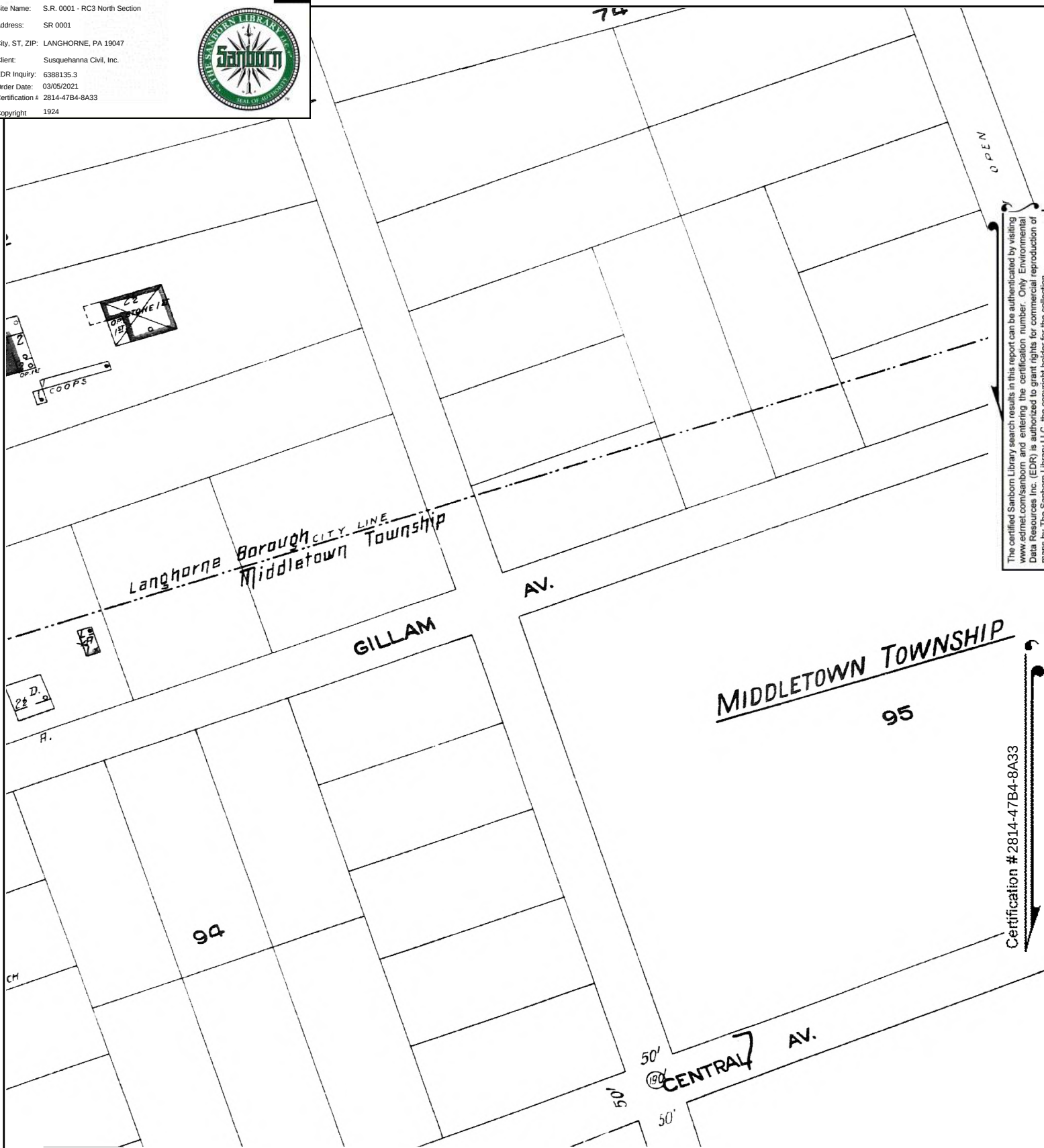
Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5

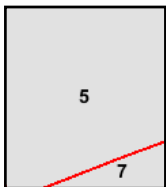
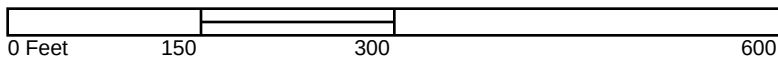
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 5
1950



Volume 1, Sheet 7
1950

1943 Source Sheets



Volume 1, Sheet 5
1943



Volume 1, Sheet 7
1943

1924 Source Sheets



Volume 1, Sheet 5
1924



Volume 1, Sheet 7
1924

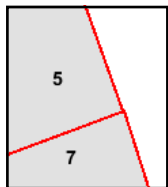
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



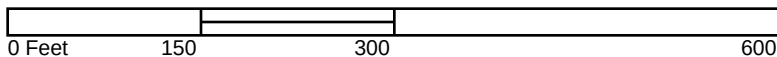
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

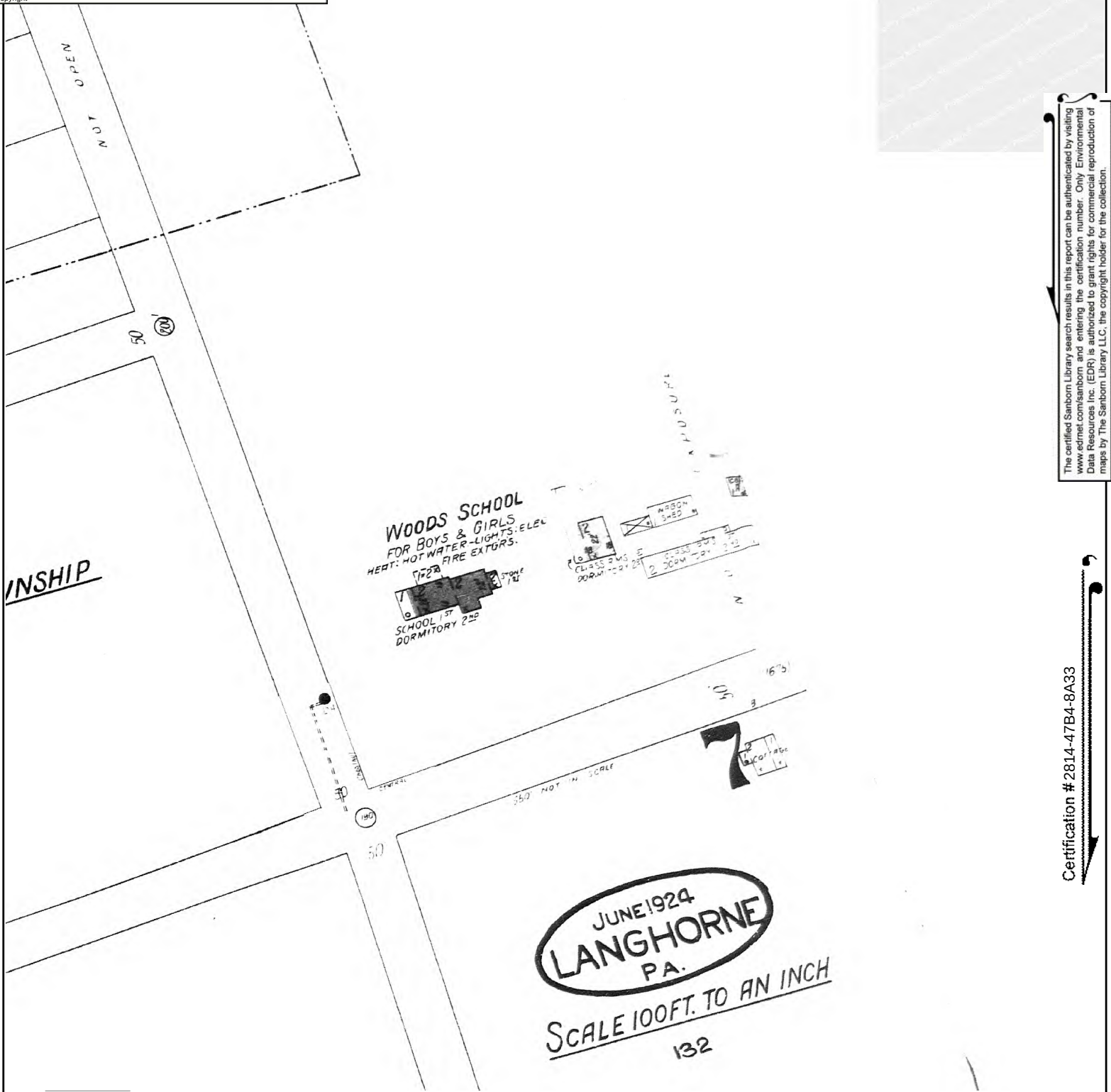
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5



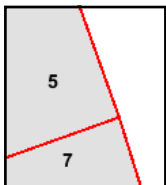
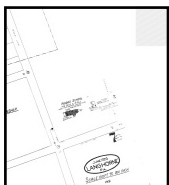
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



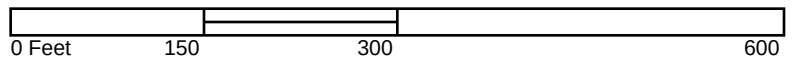
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

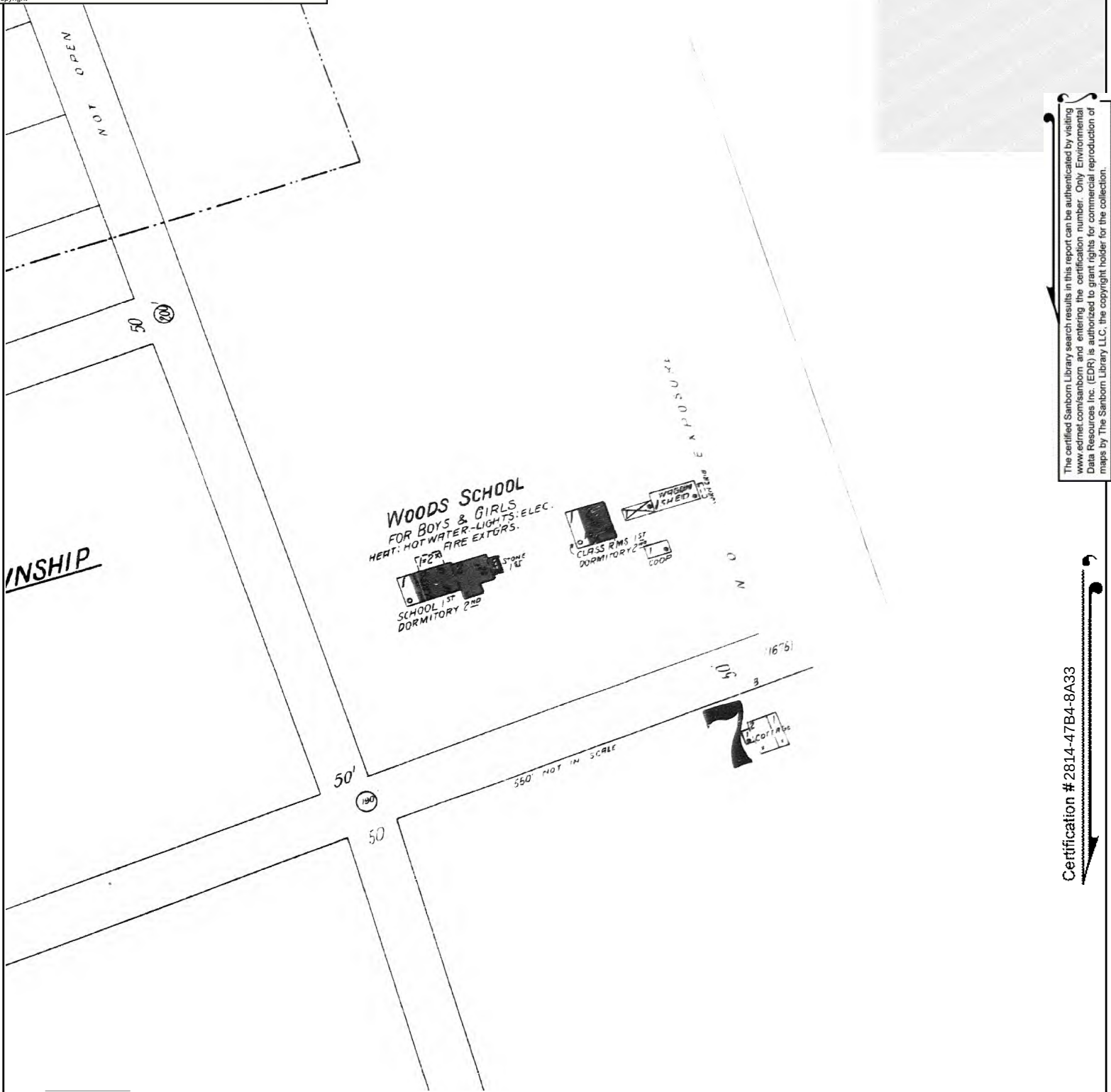
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5



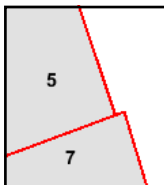
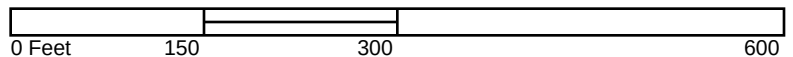
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 5



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 18
1950

1943 Source Sheets



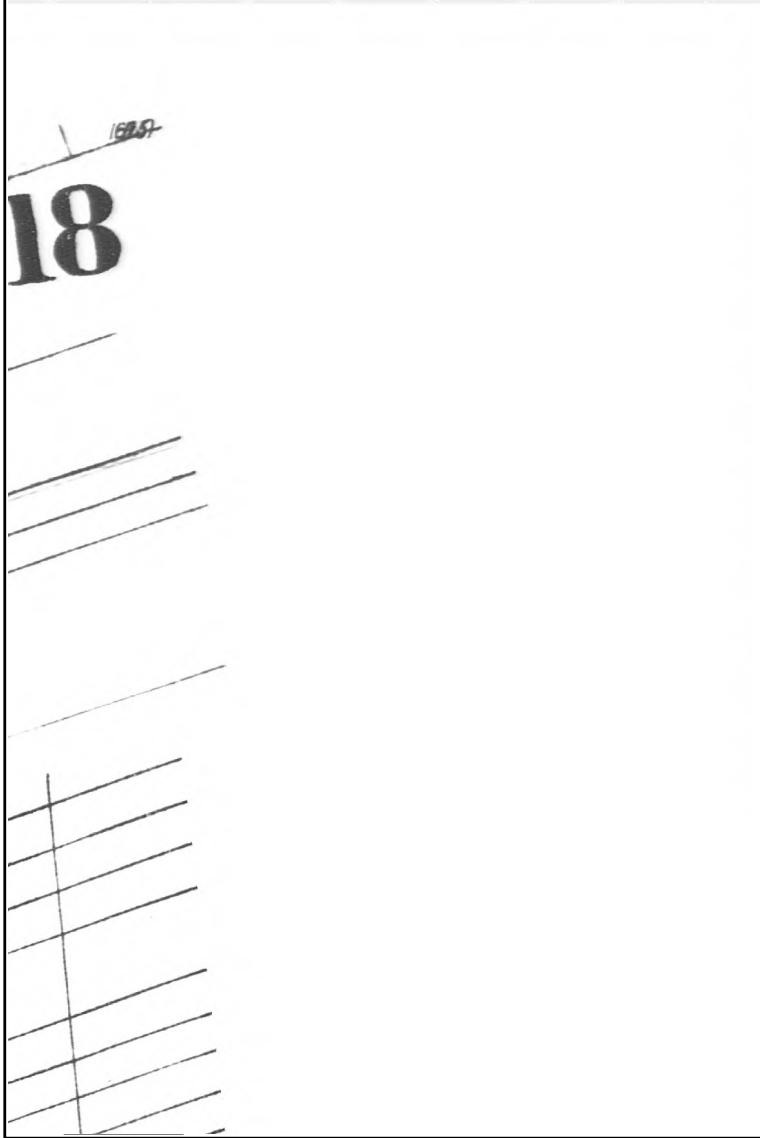
Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 18
1924

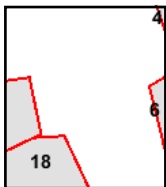
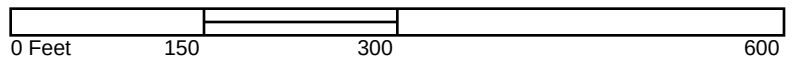
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943

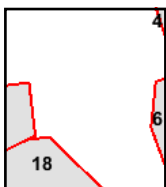
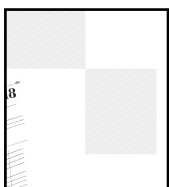
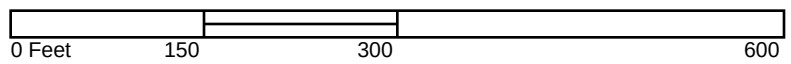


18

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924

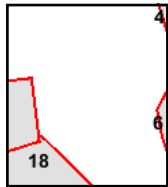
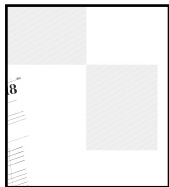
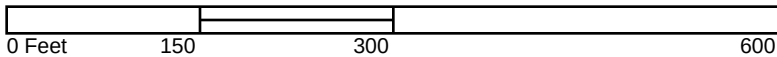


525
 18

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 4
1950



Volume 1, Sheet 6
1950

1943 Source Sheets



Volume 1, Sheet 4
1943



Volume 1, Sheet 6
1943

1924 Source Sheets

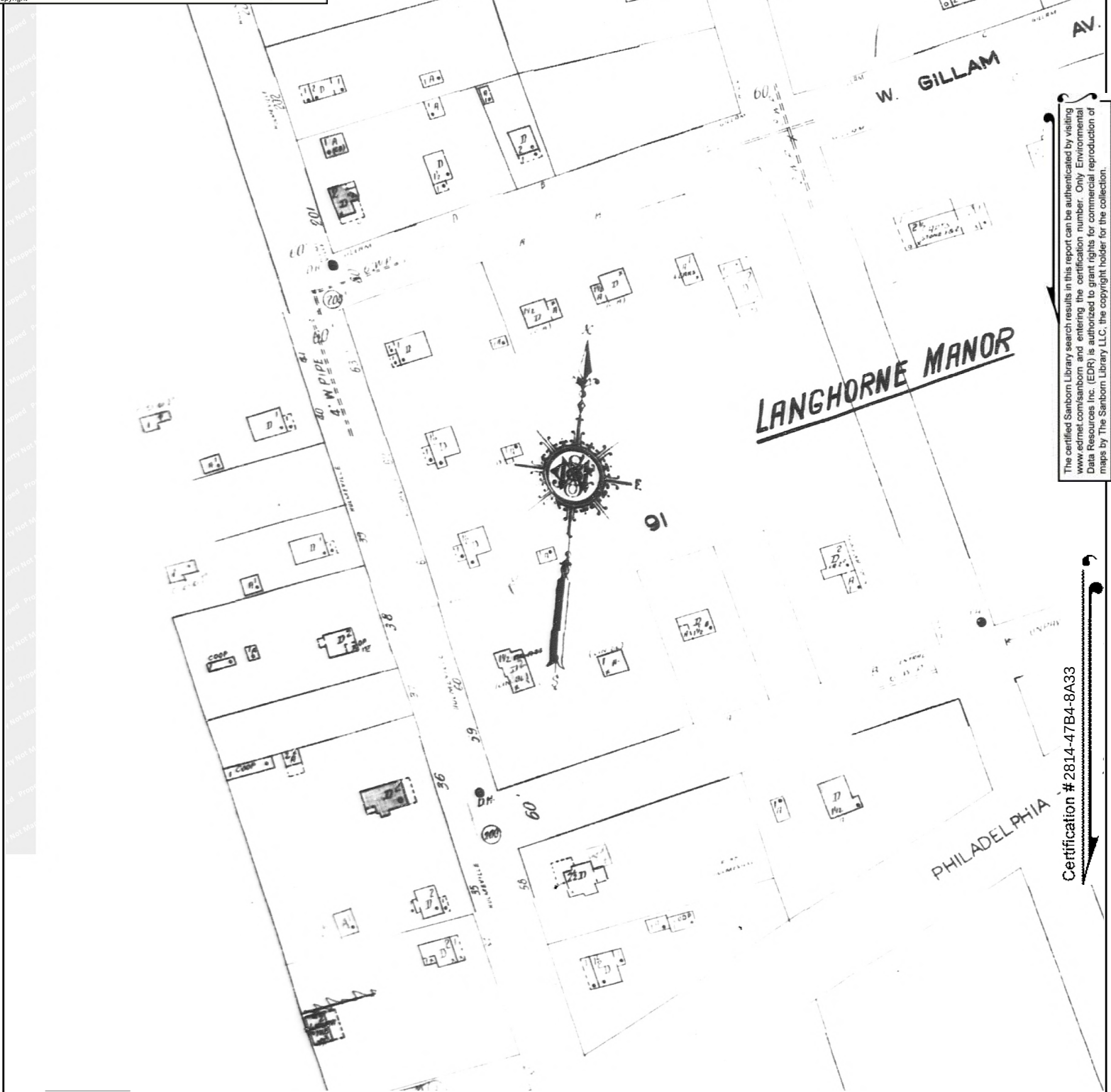


Volume 1, Sheet 4
1924



Volume 1, Sheet 6
1924

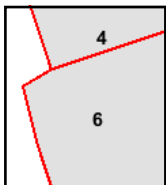
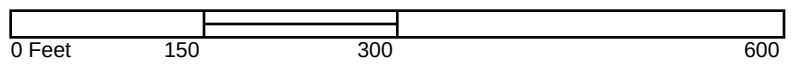
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

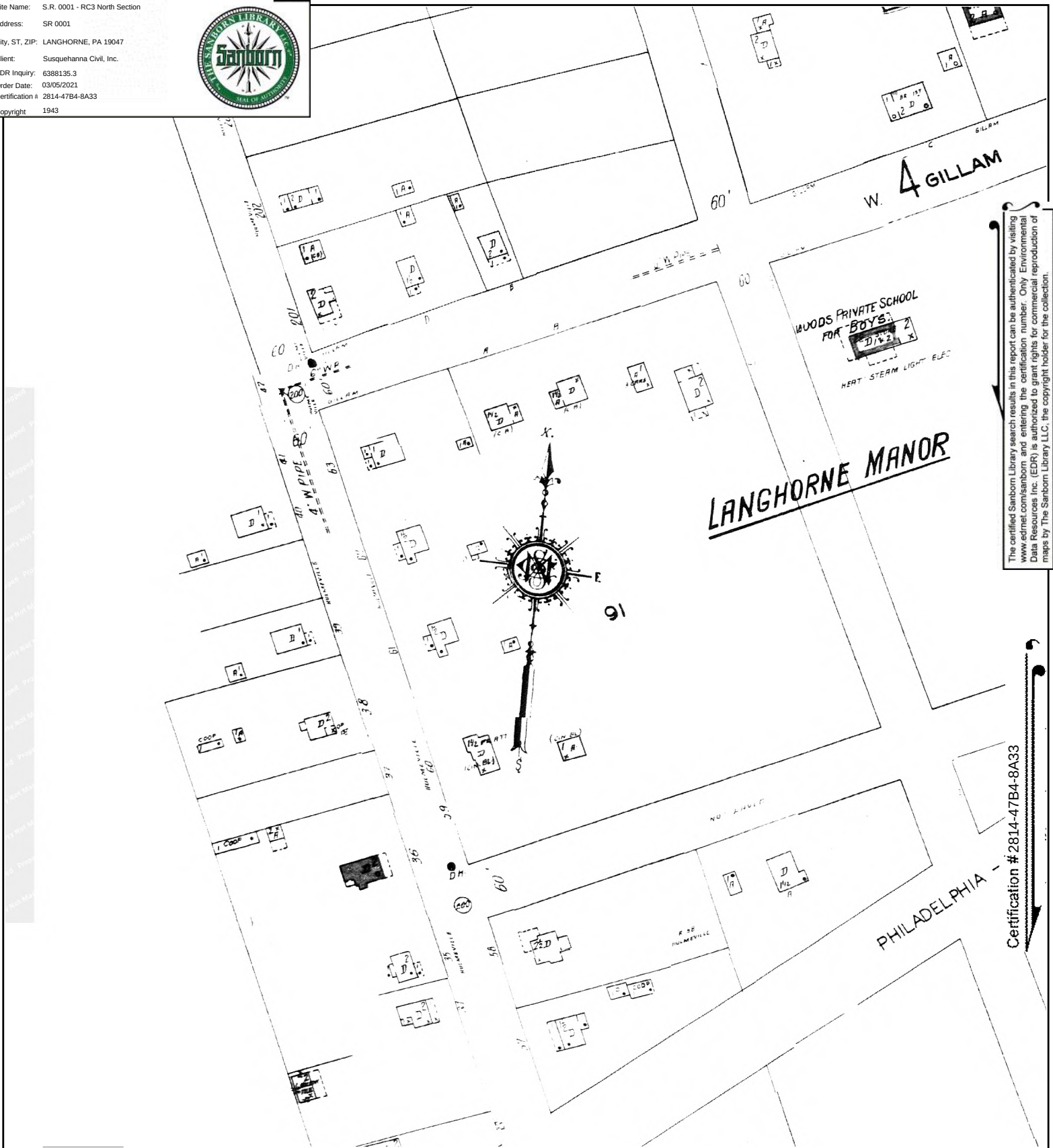
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 4



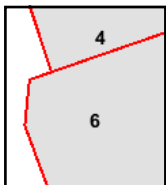
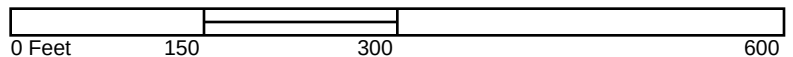
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

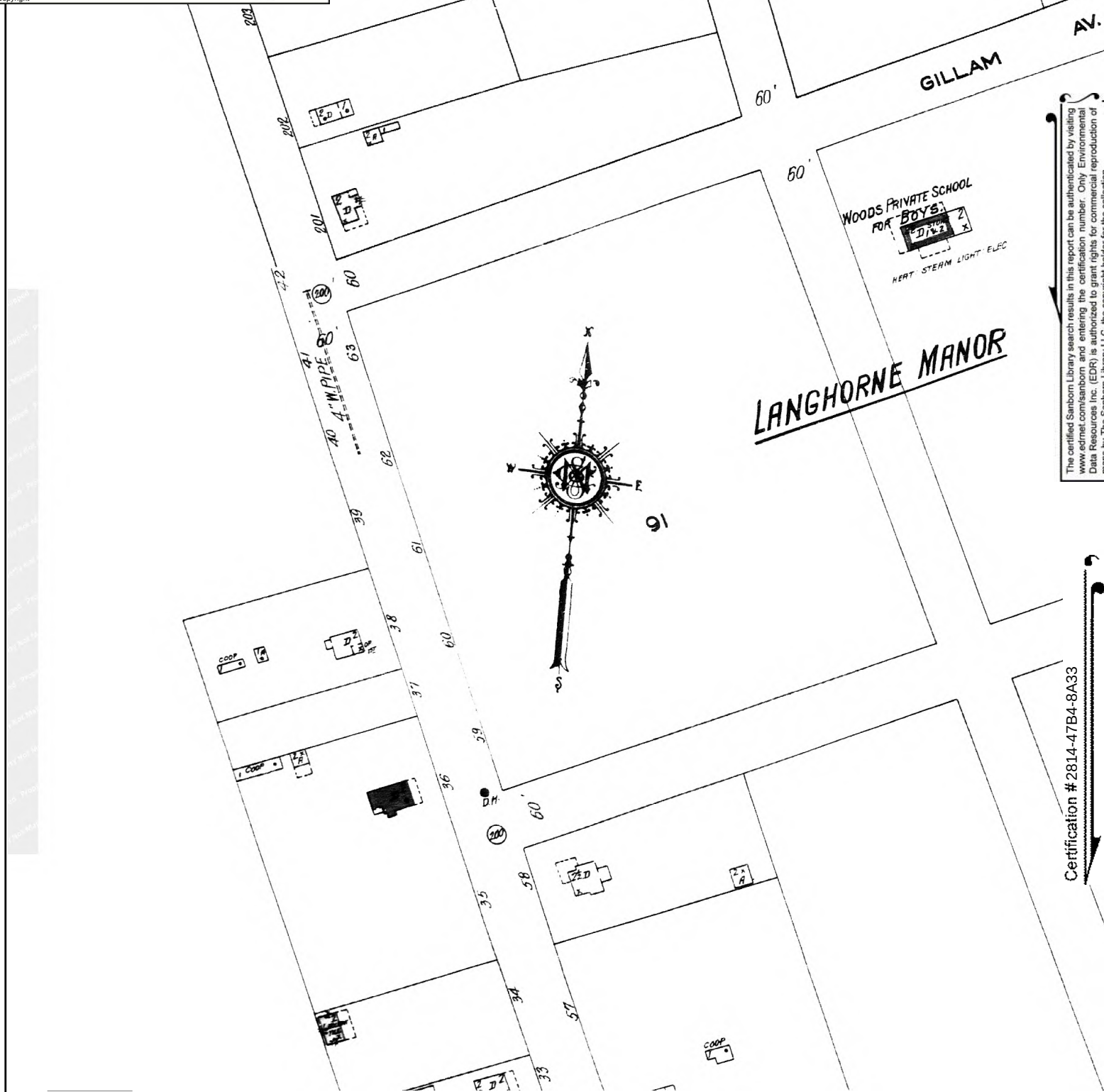
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 4



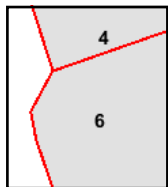
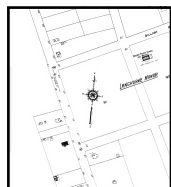
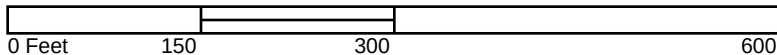
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 4



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 5
1950



Volume 1, Sheet 6
1950



Volume 1, Sheet 7
1950

1943 Source Sheets



Volume 1, Sheet 5
1943



Volume 1, Sheet 6
1943



Volume 1, Sheet 7
1943

1924 Source Sheets



Volume 1, Sheet 5
1924

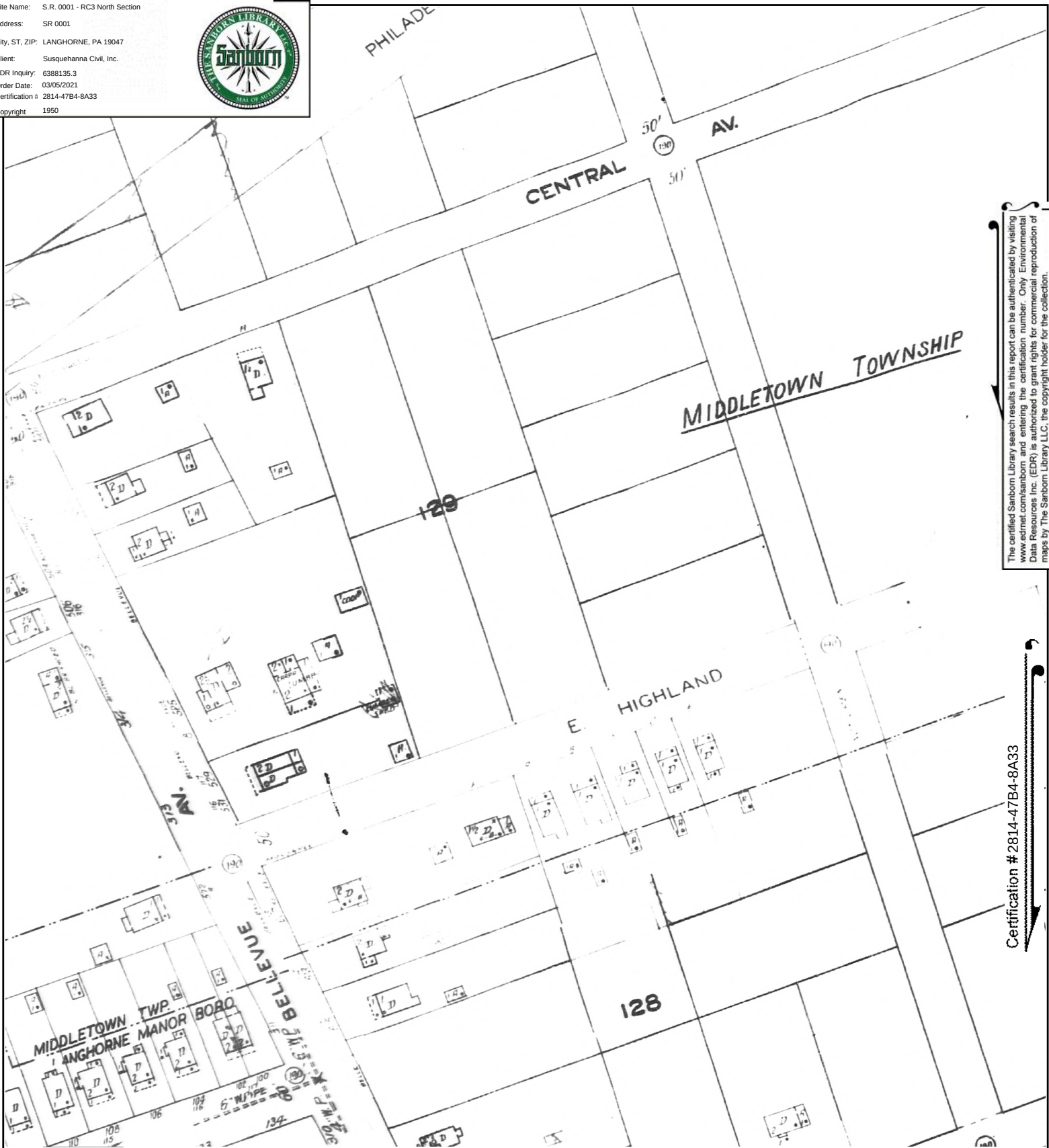


Volume 1, Sheet 6
1924



Volume 1, Sheet 7
1924

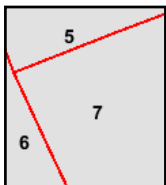
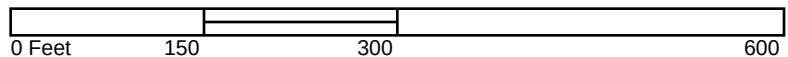
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

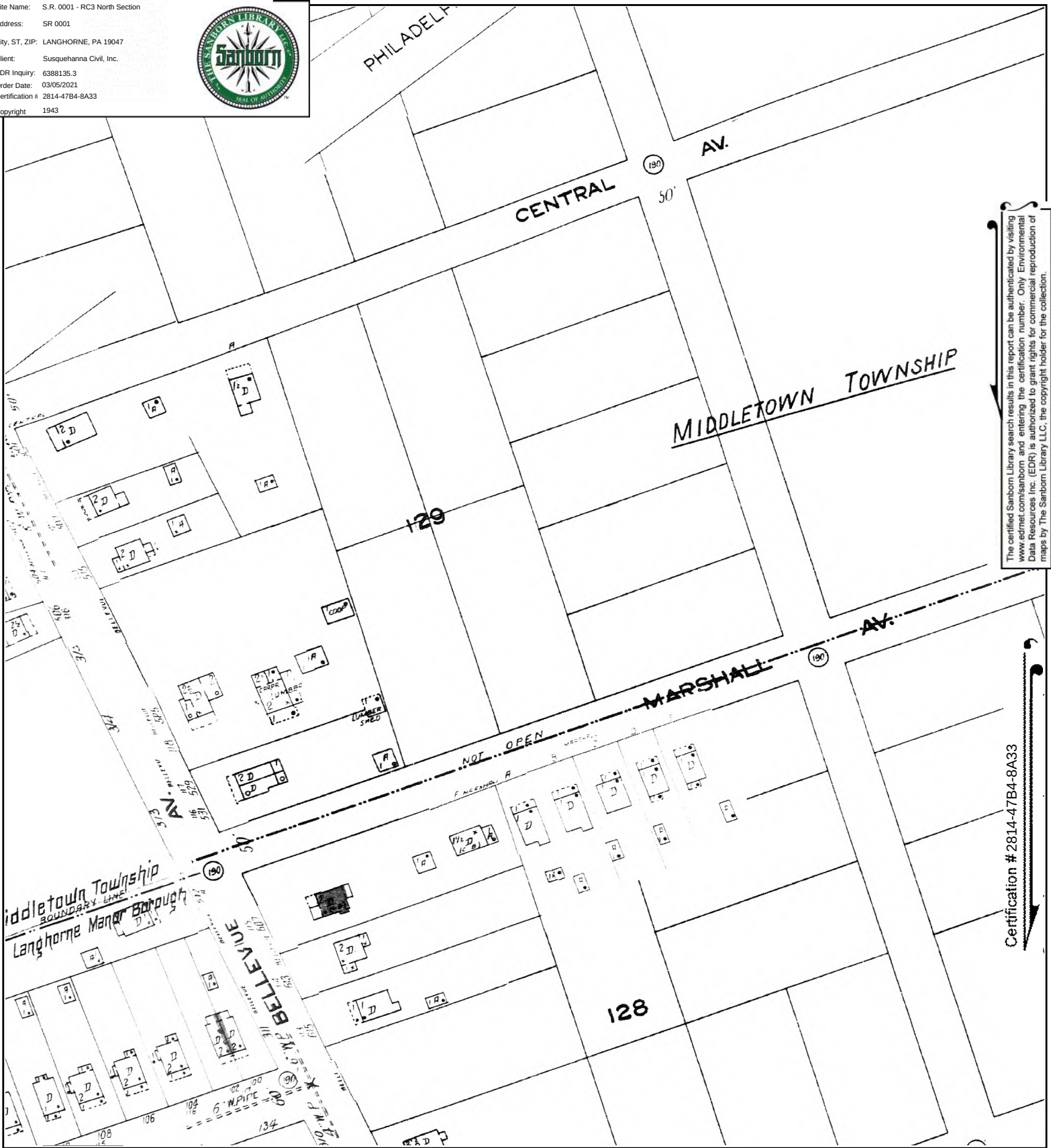
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6
 Volume 1, Sheet 5



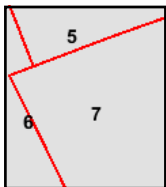
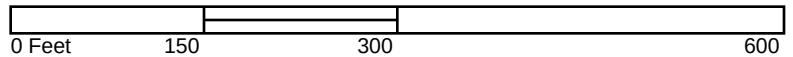
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

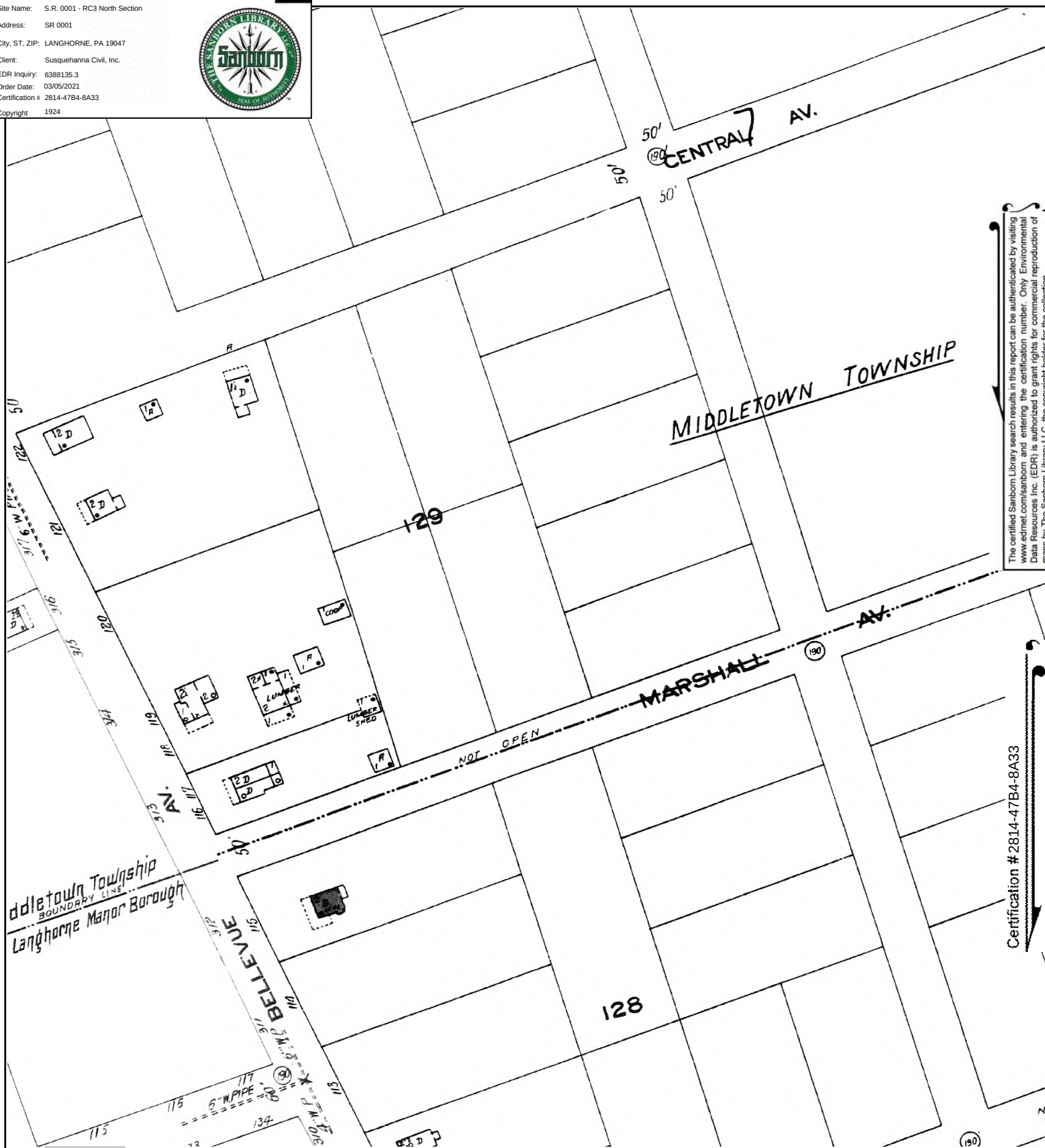
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6
 Volume 1, Sheet 5



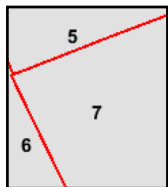
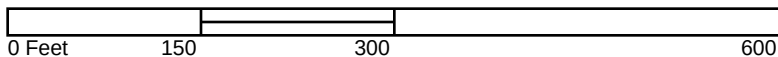
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6
 Volume 1, Sheet 5



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 7
1950

1943 Source Sheets



Volume 1, Sheet 7
1943

1924 Source Sheets



Volume 1, Sheet 7
1924

Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



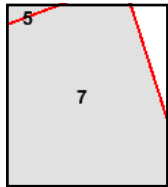
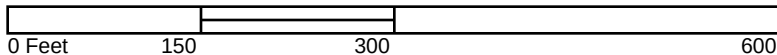
JUNE 1950
LANGHORNE
 PA.
 SCALE 100 FT. TO AN INCH
 132



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



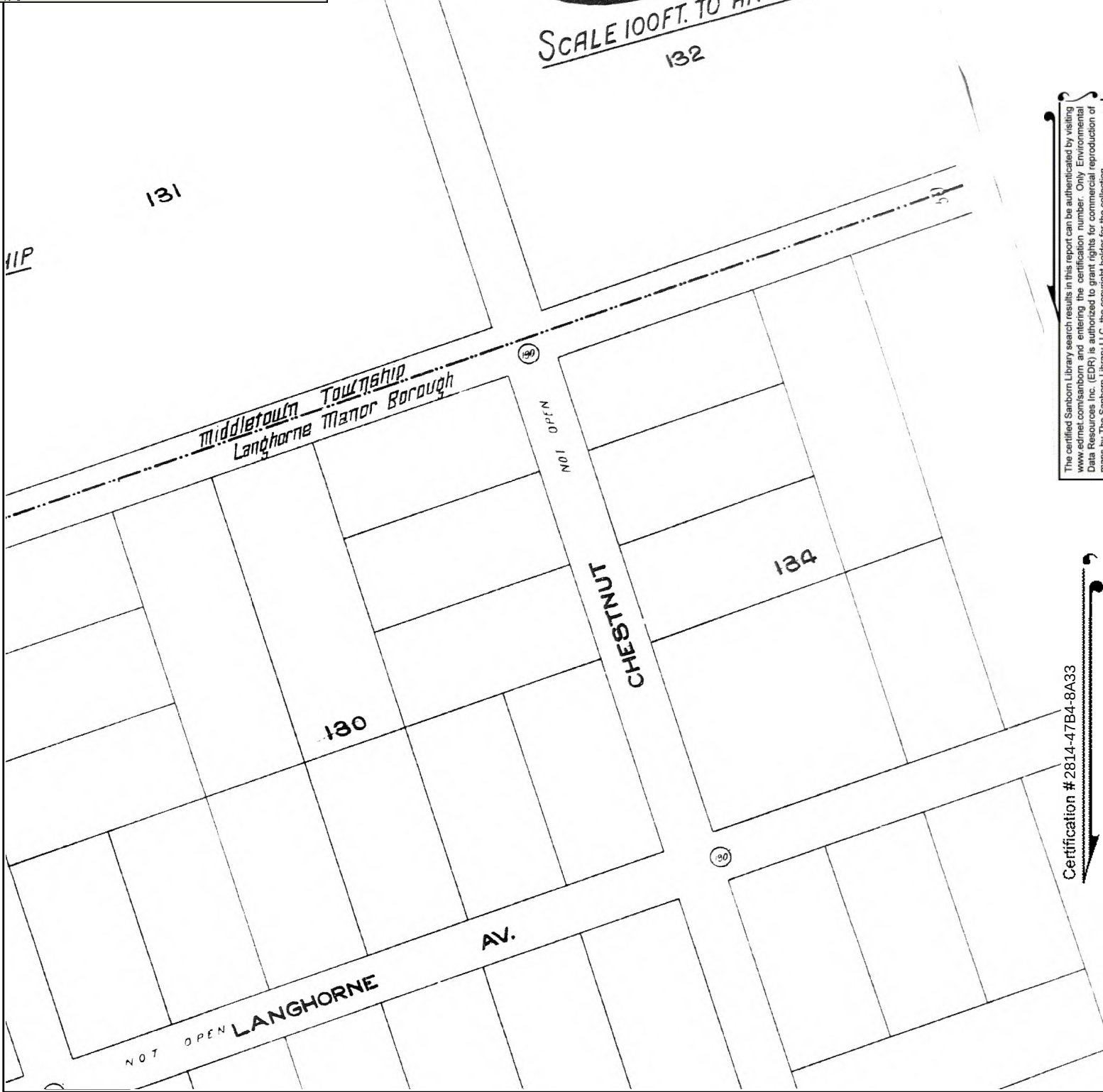
Volume 1, Sheet 7



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



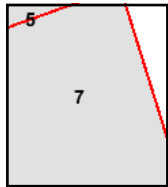
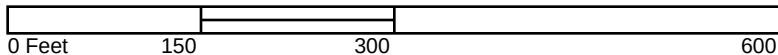
JUNE 1924
LANGHORNE
 PA.
 SCALE 100 FT. TO AN INCH
 132



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

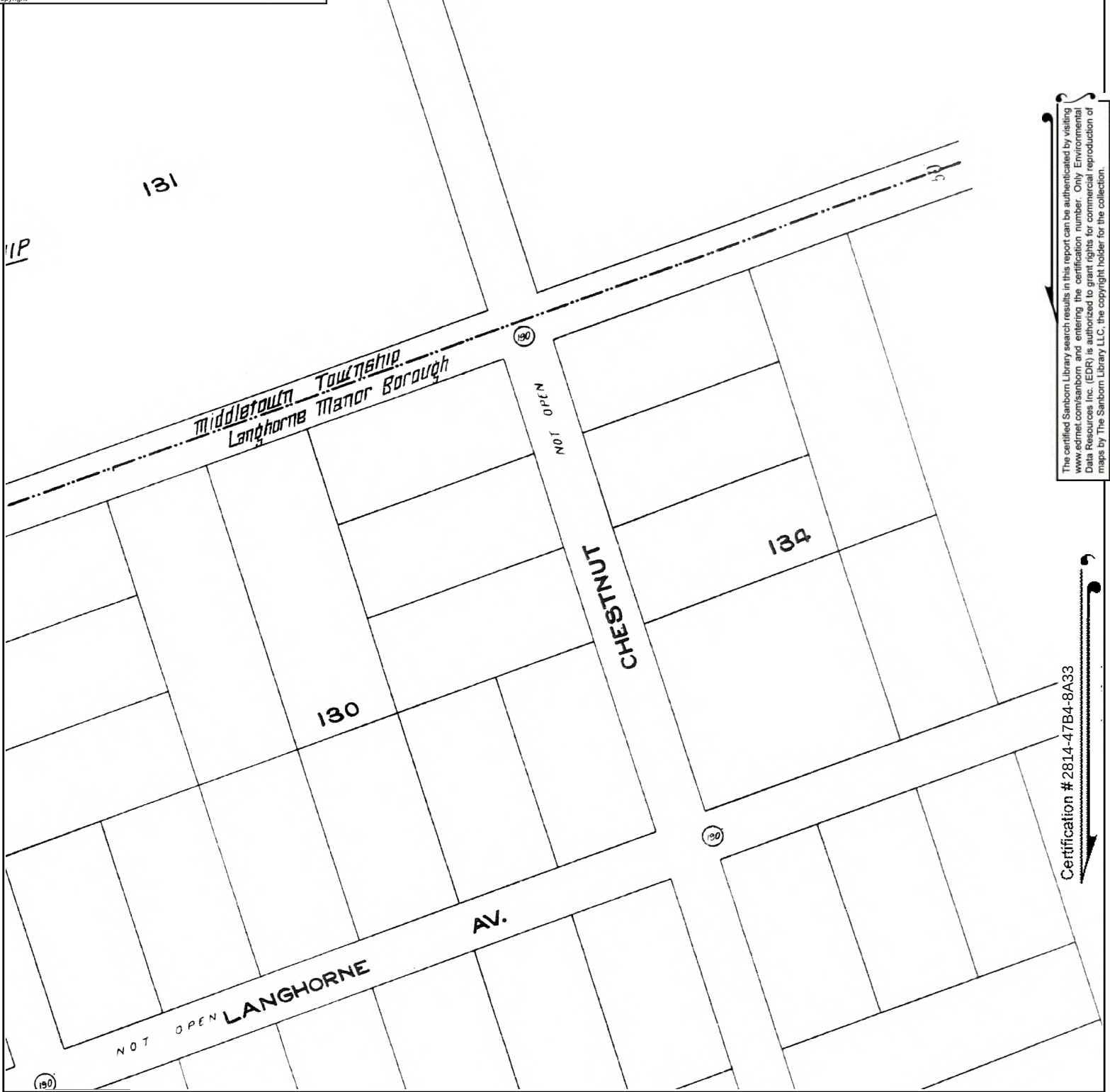
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7



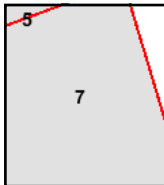
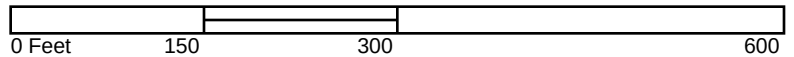
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 18
1950

1943 Source Sheets



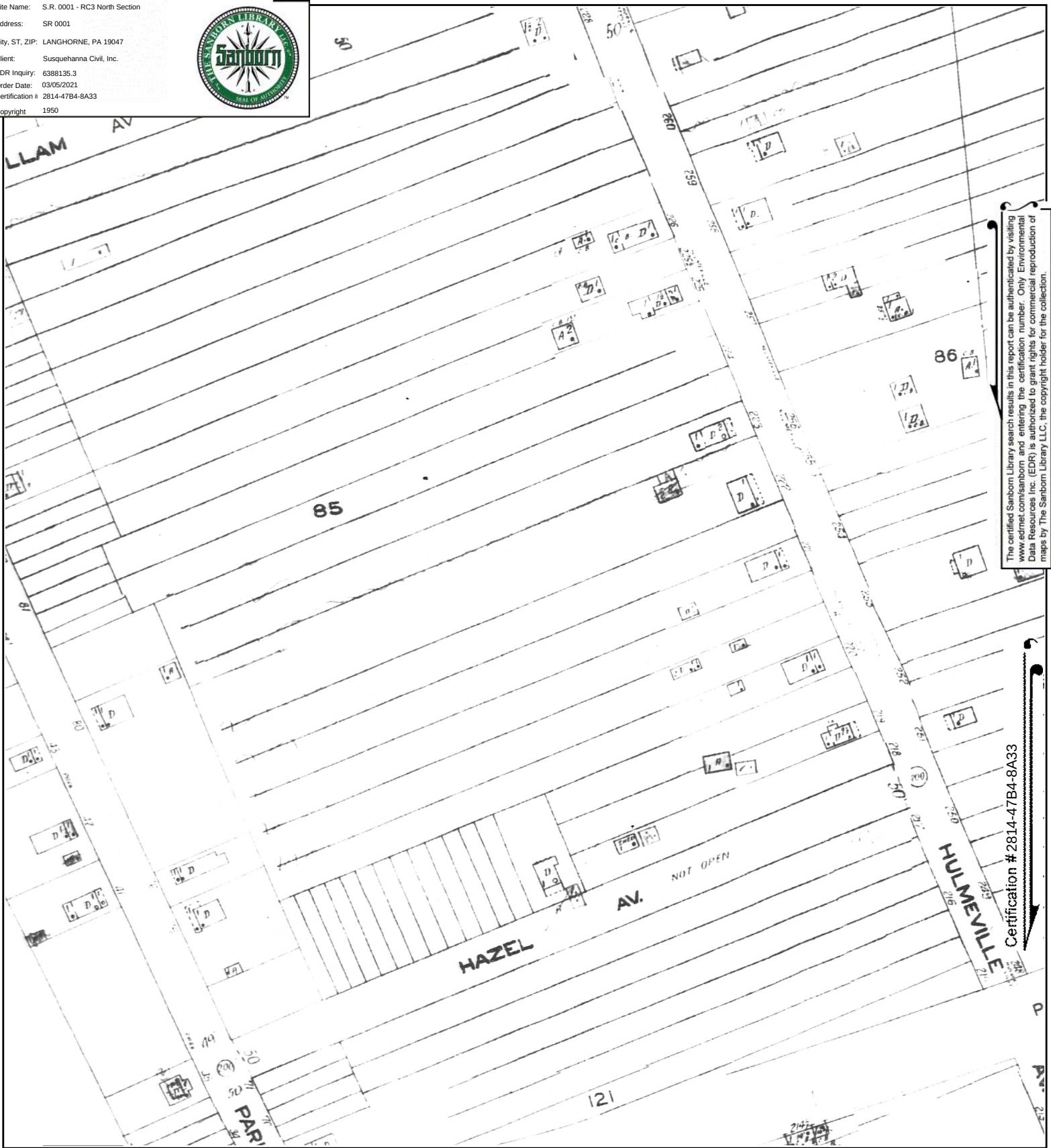
Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 18
1924

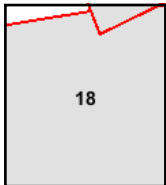
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



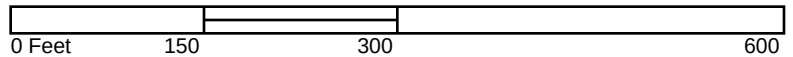
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 2814-47B4-8A33

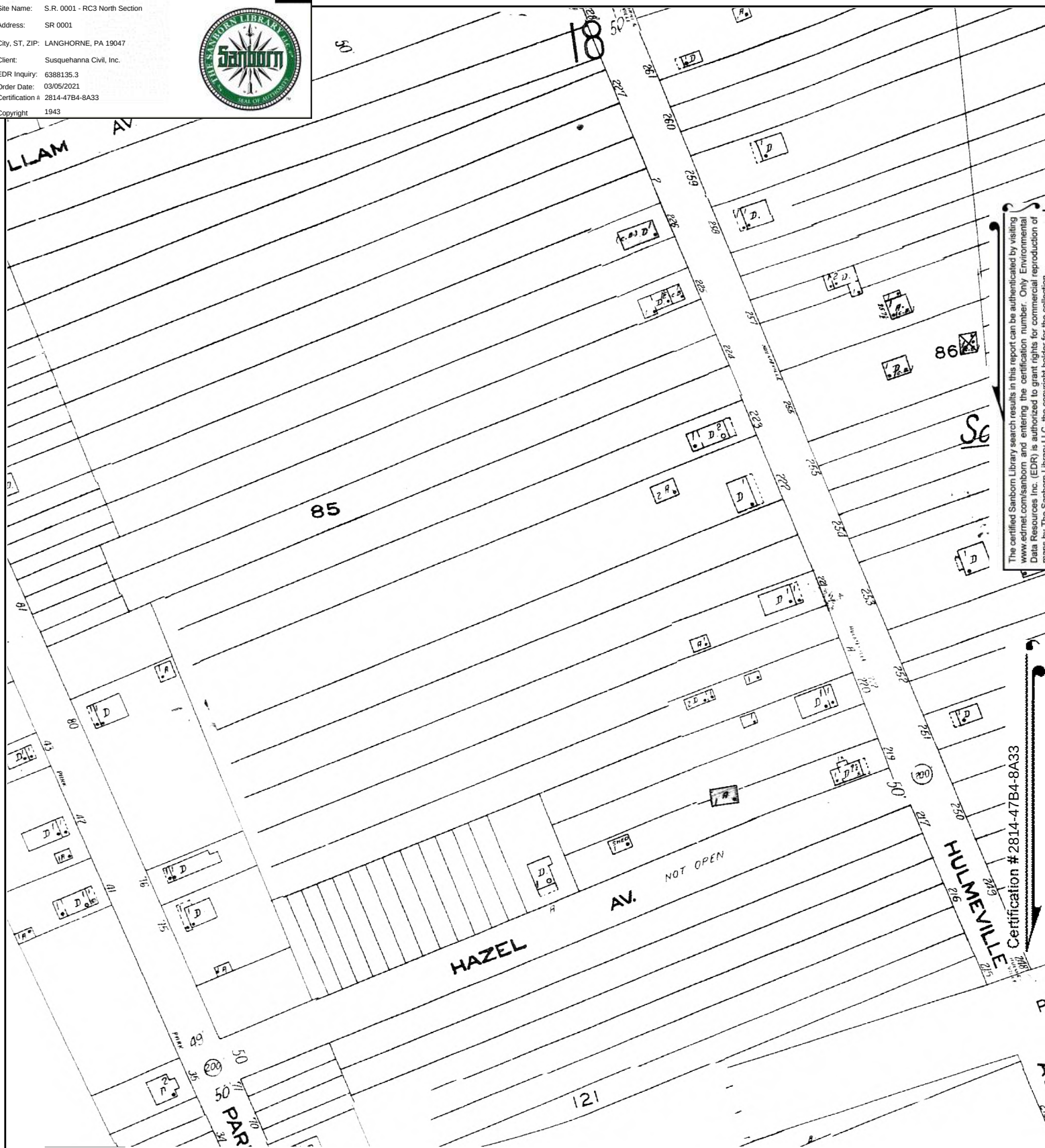
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



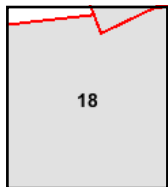
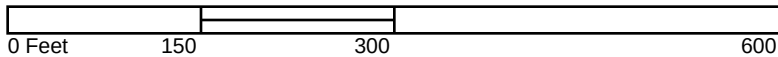
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # 2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



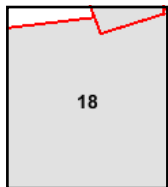
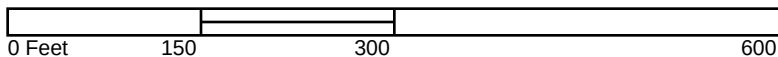
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # 2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 18
1950

1943 Source Sheets



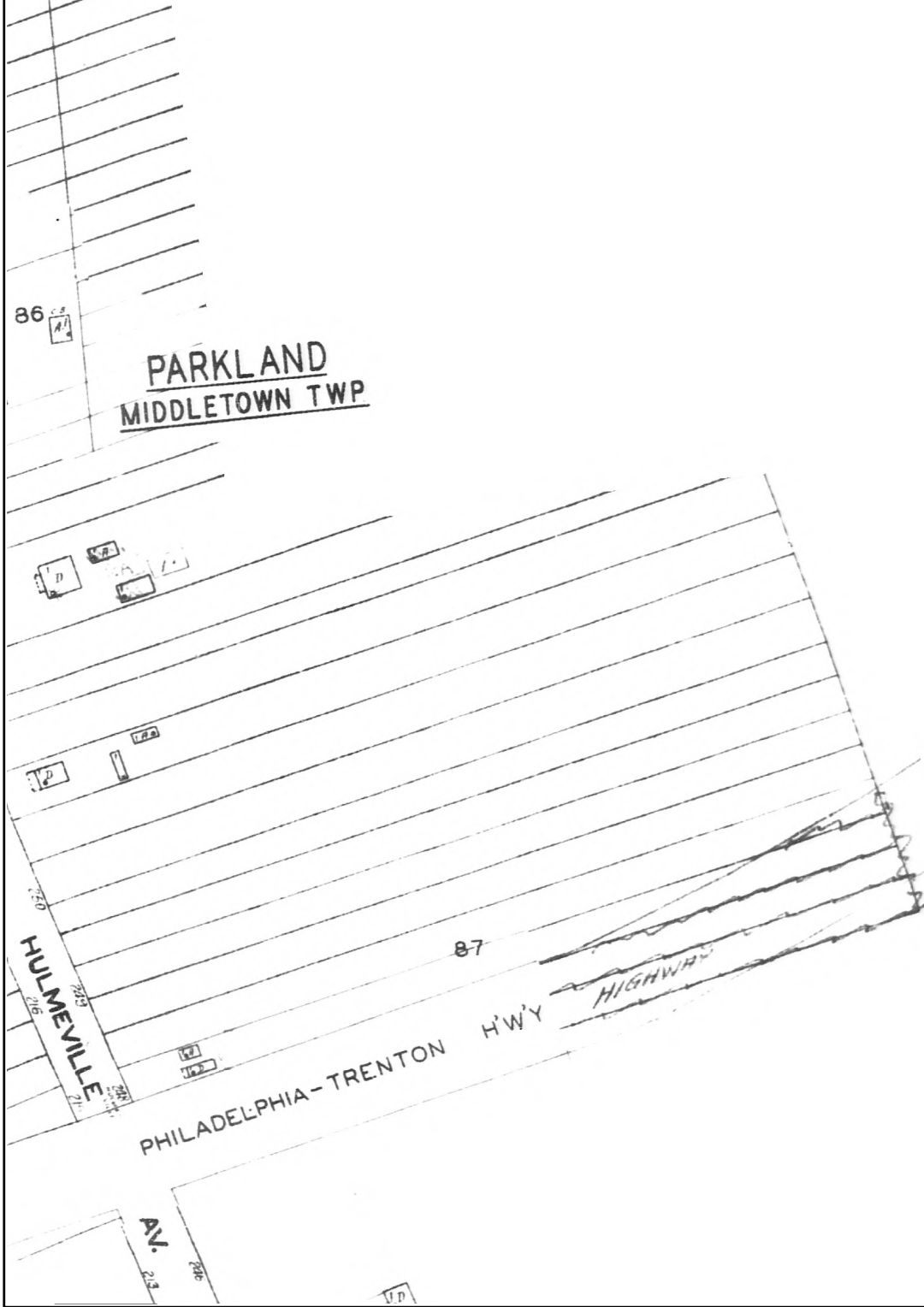
Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 18
1924

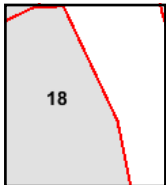
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



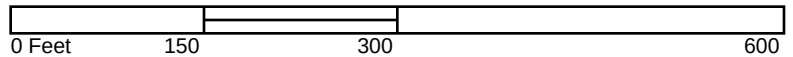
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

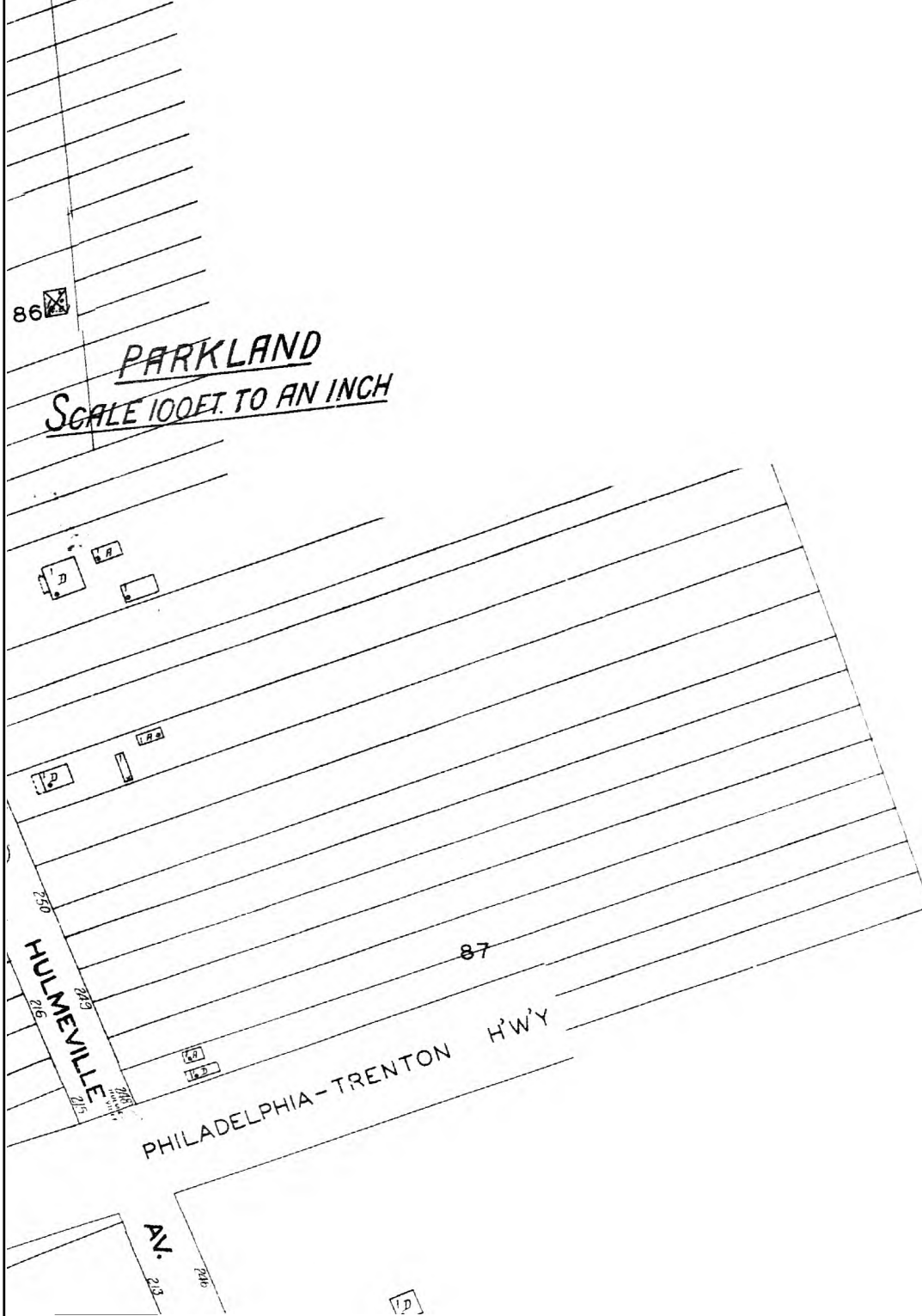
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



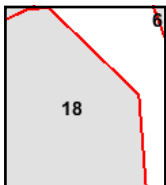
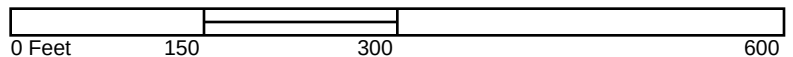
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

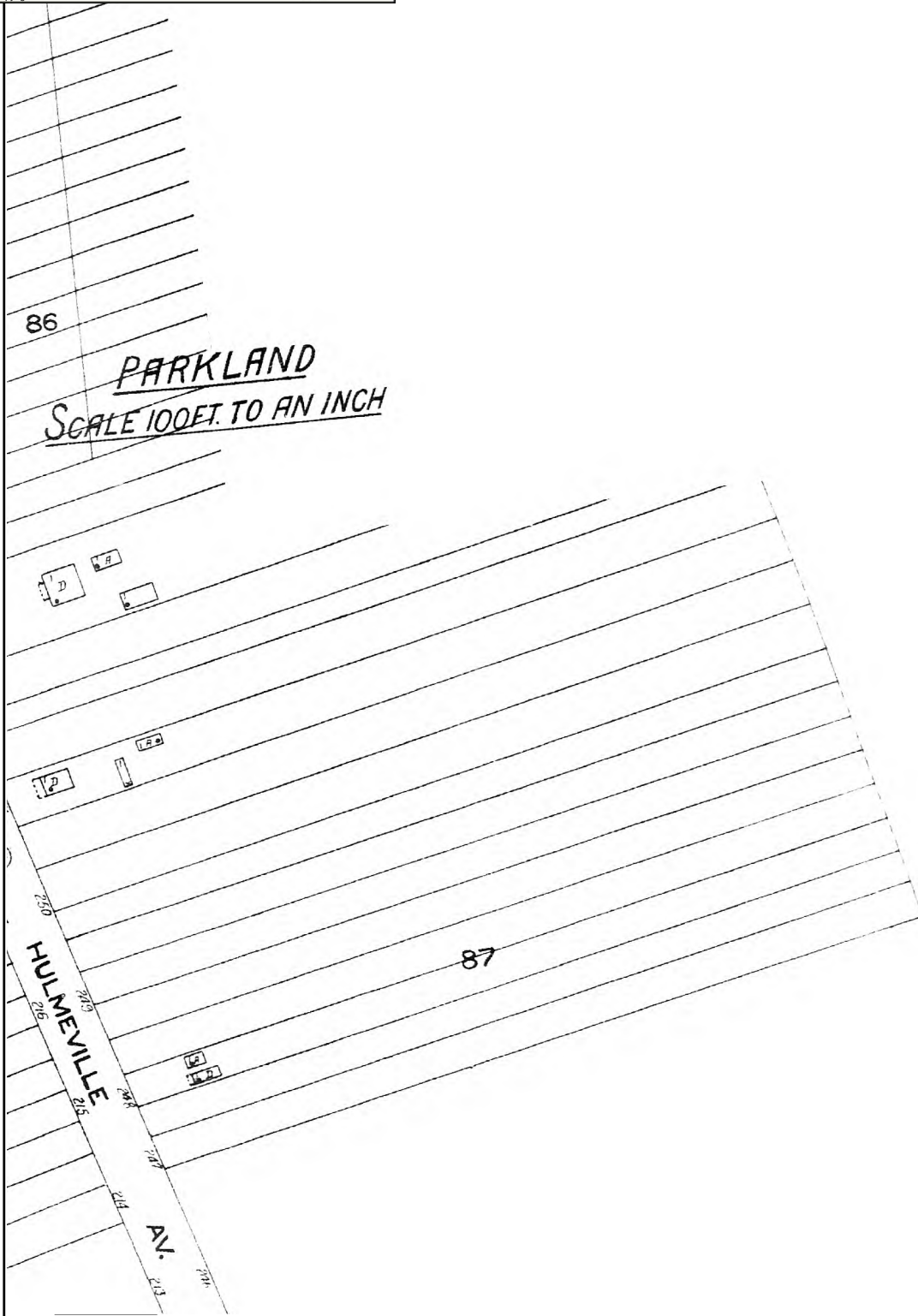
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



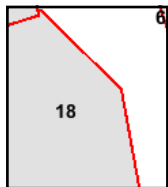
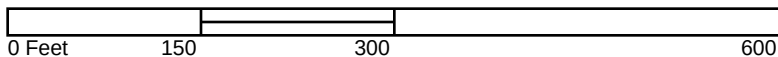
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 6
1950

1943 Source Sheets

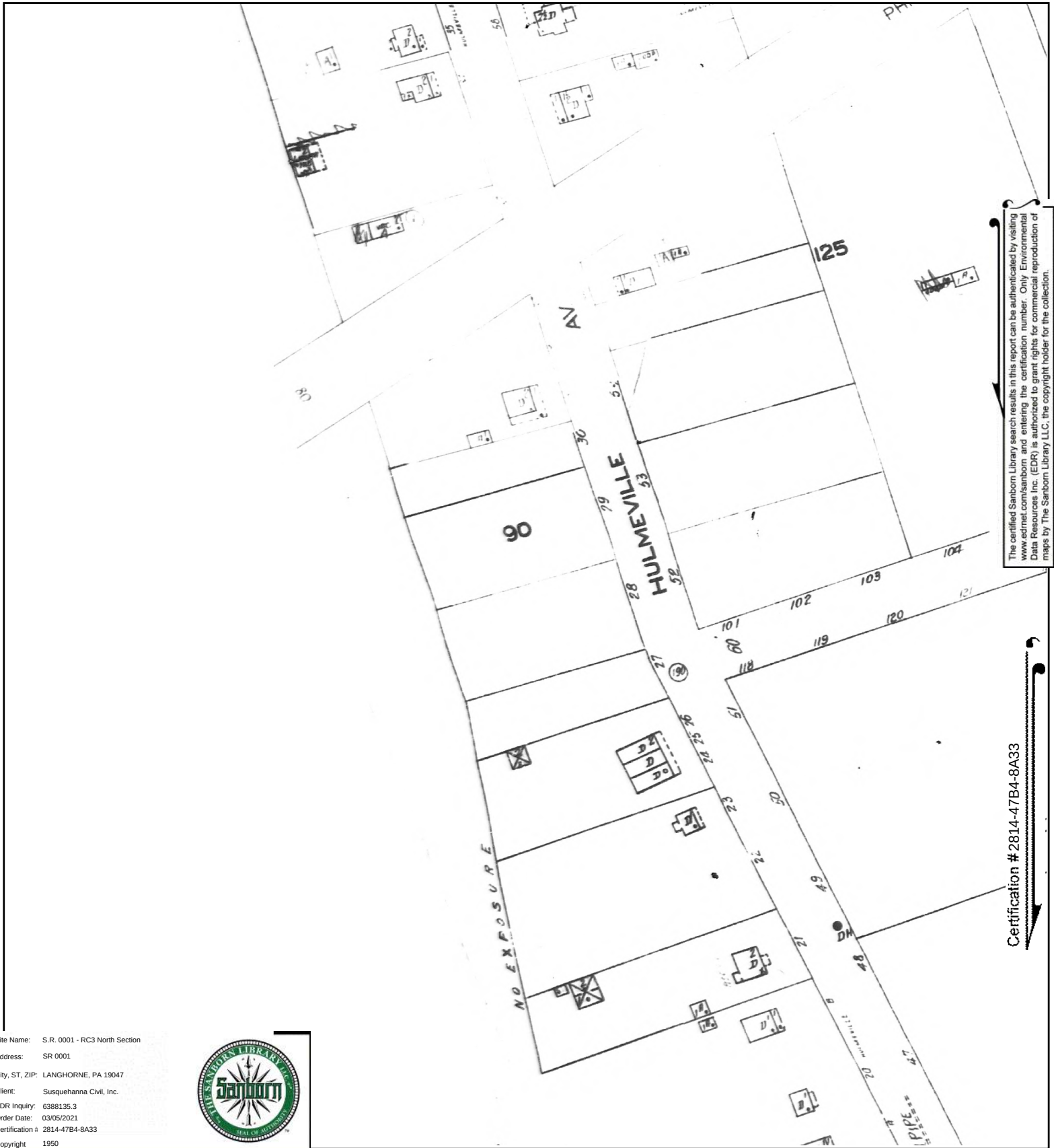


Volume 1, Sheet 6
1943

1924 Source Sheets



Volume 1, Sheet 6
1924



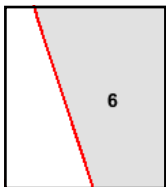
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

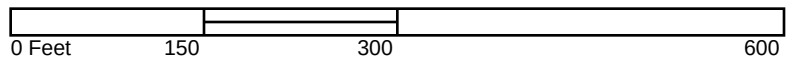
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950

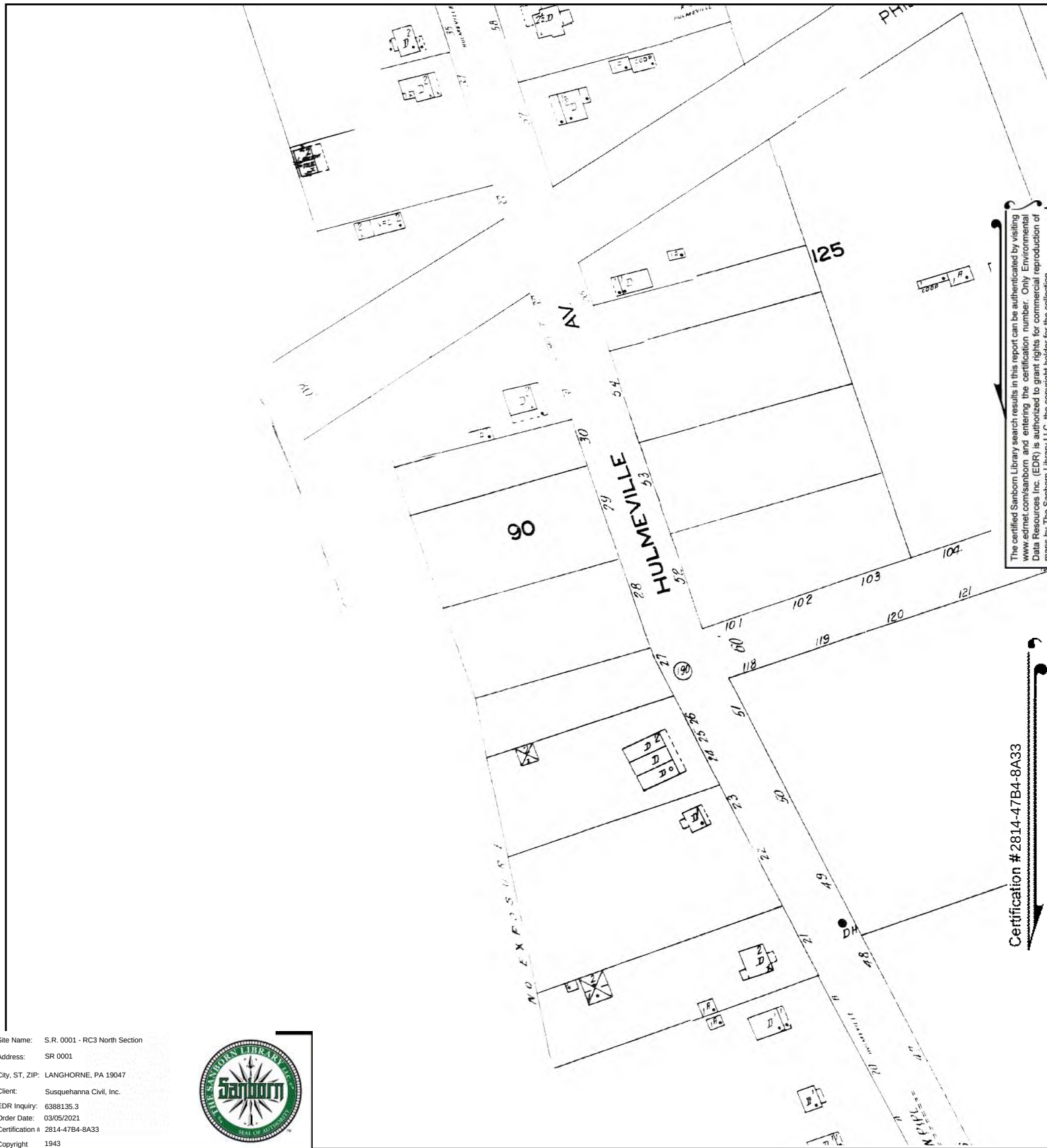


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6





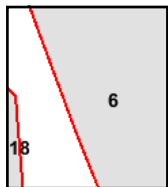
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

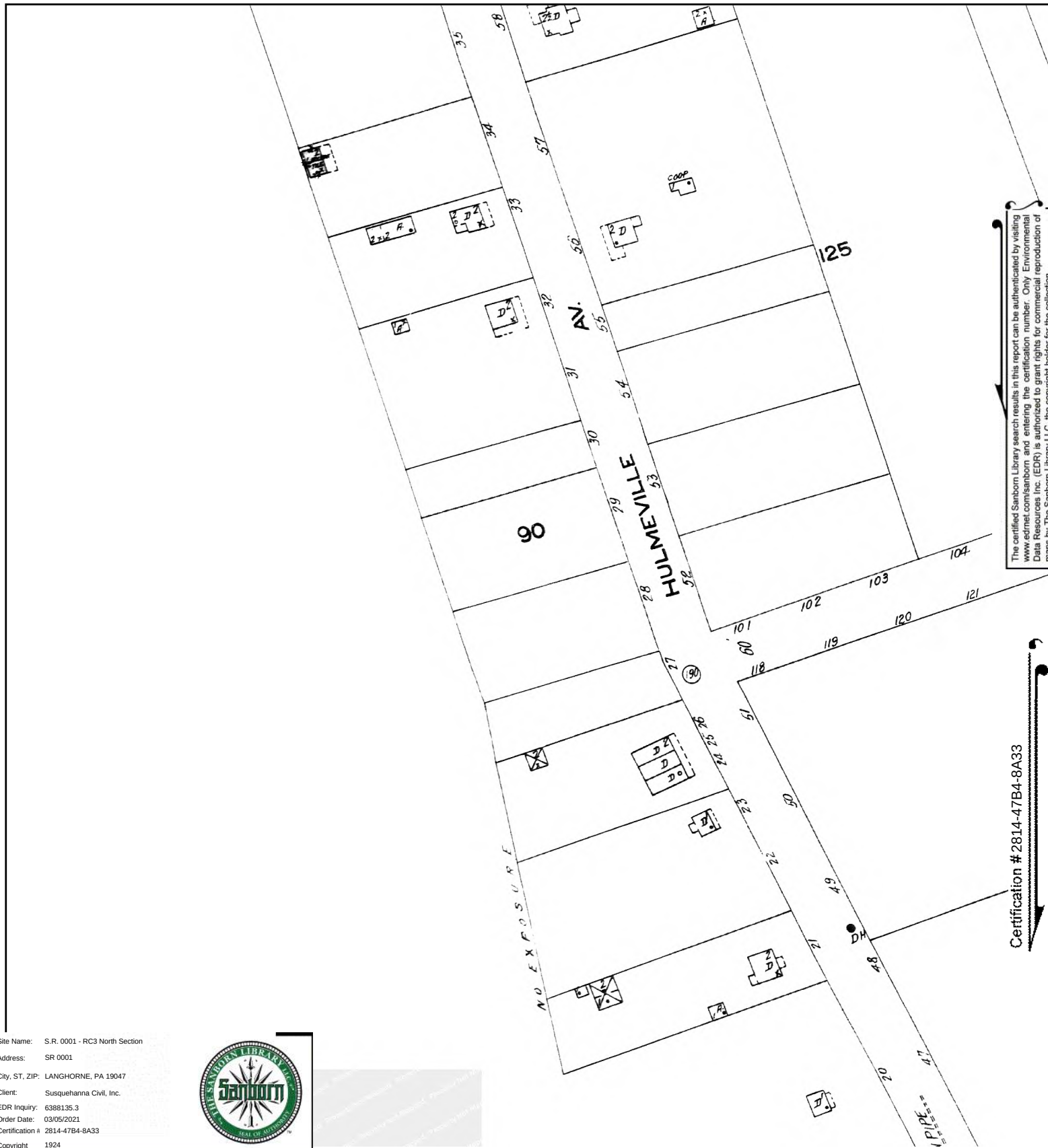
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



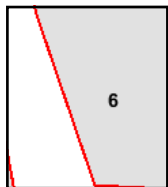
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



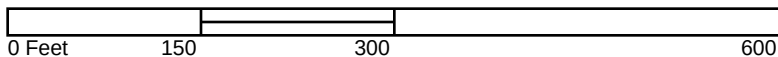
Volume 1, Sheet 6



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 6
1950



Volume 1, Sheet 7
1950

1943 Source Sheets



Volume 1, Sheet 6
1943



Volume 1, Sheet 7
1943

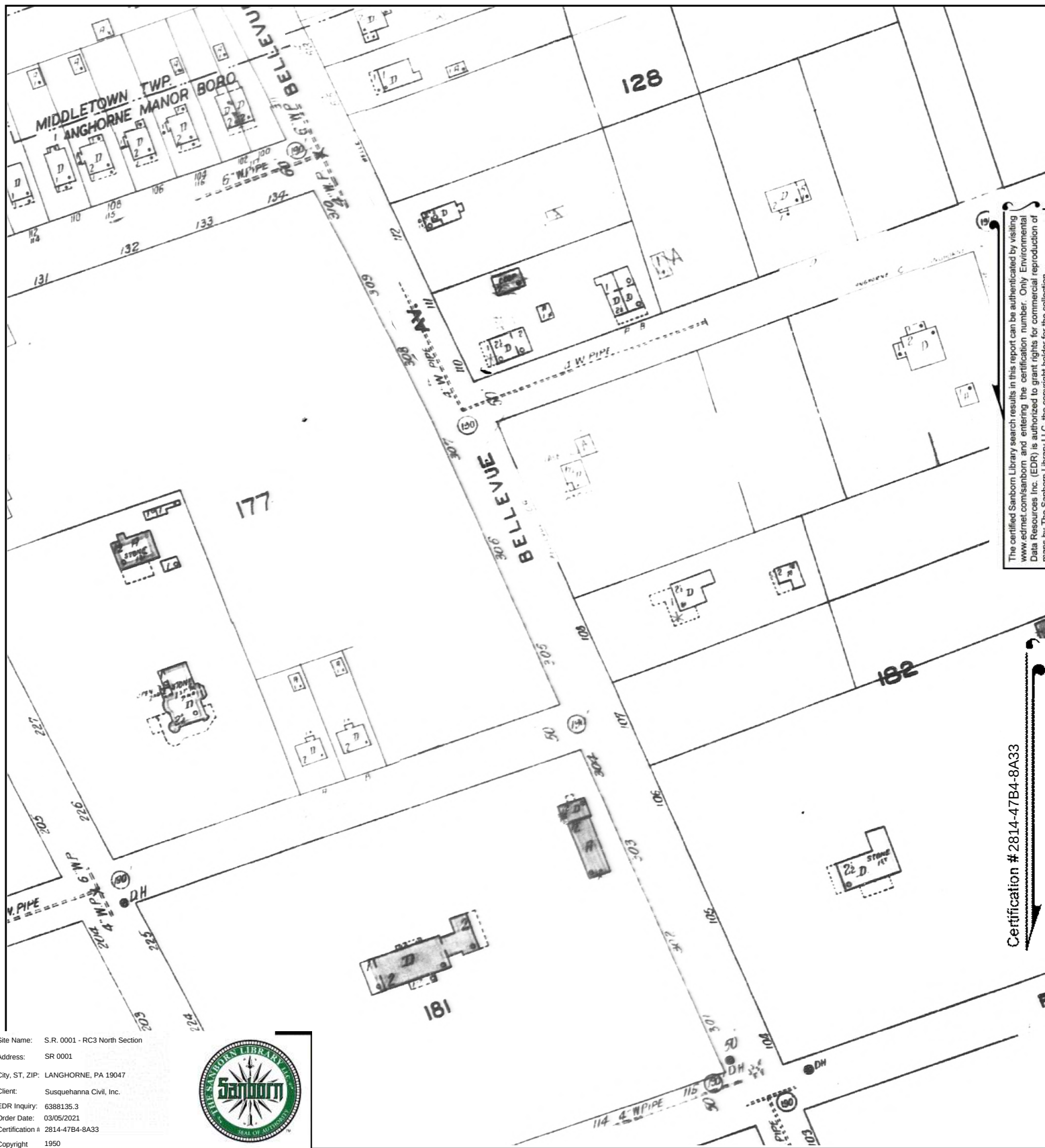
1924 Source Sheets



Volume 1, Sheet 7
1924



Volume 1, Sheet 6
1924



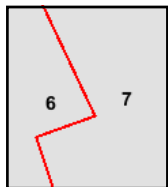
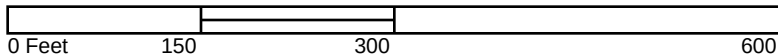
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 2814-47B4-8A33

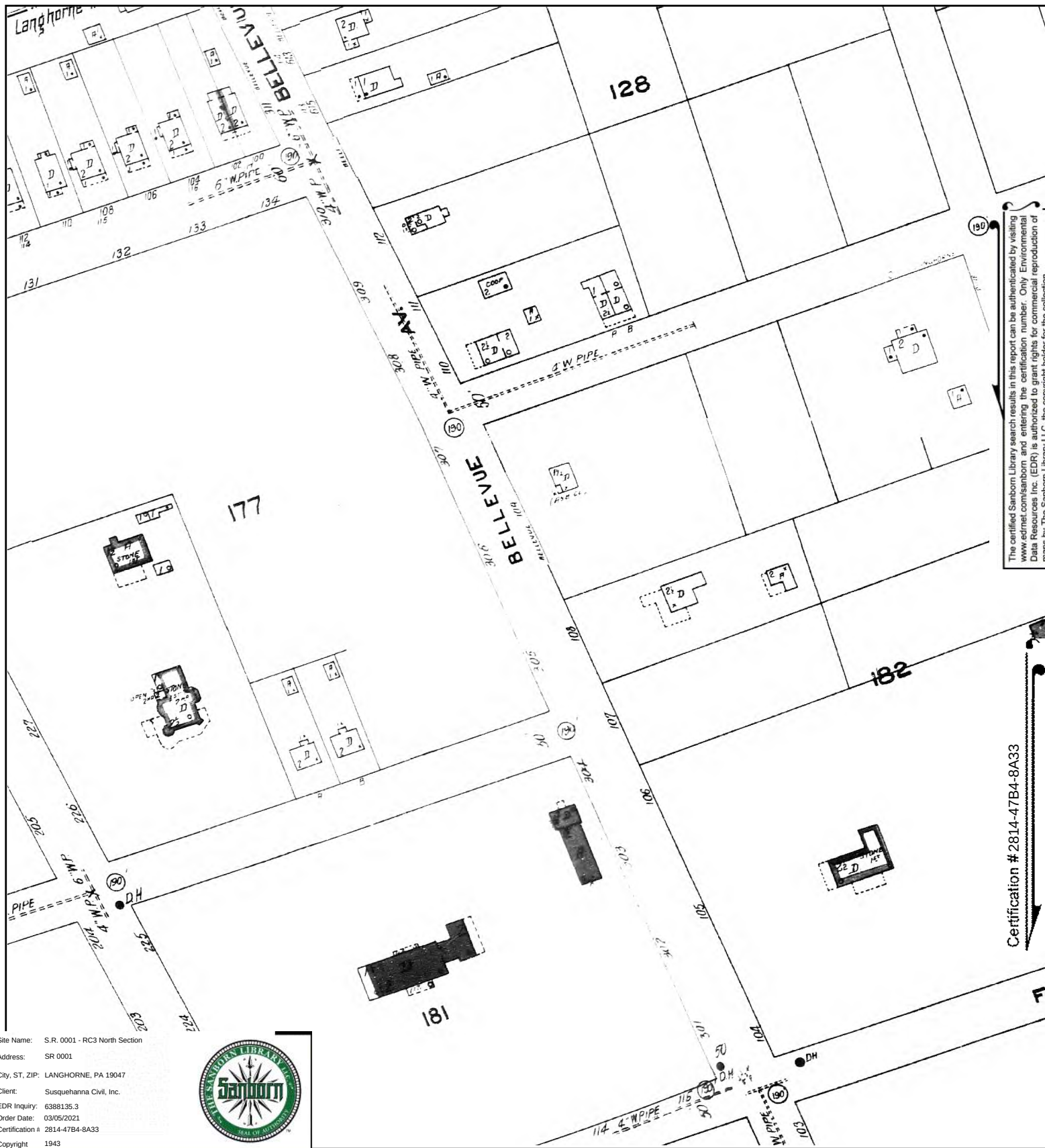
Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950

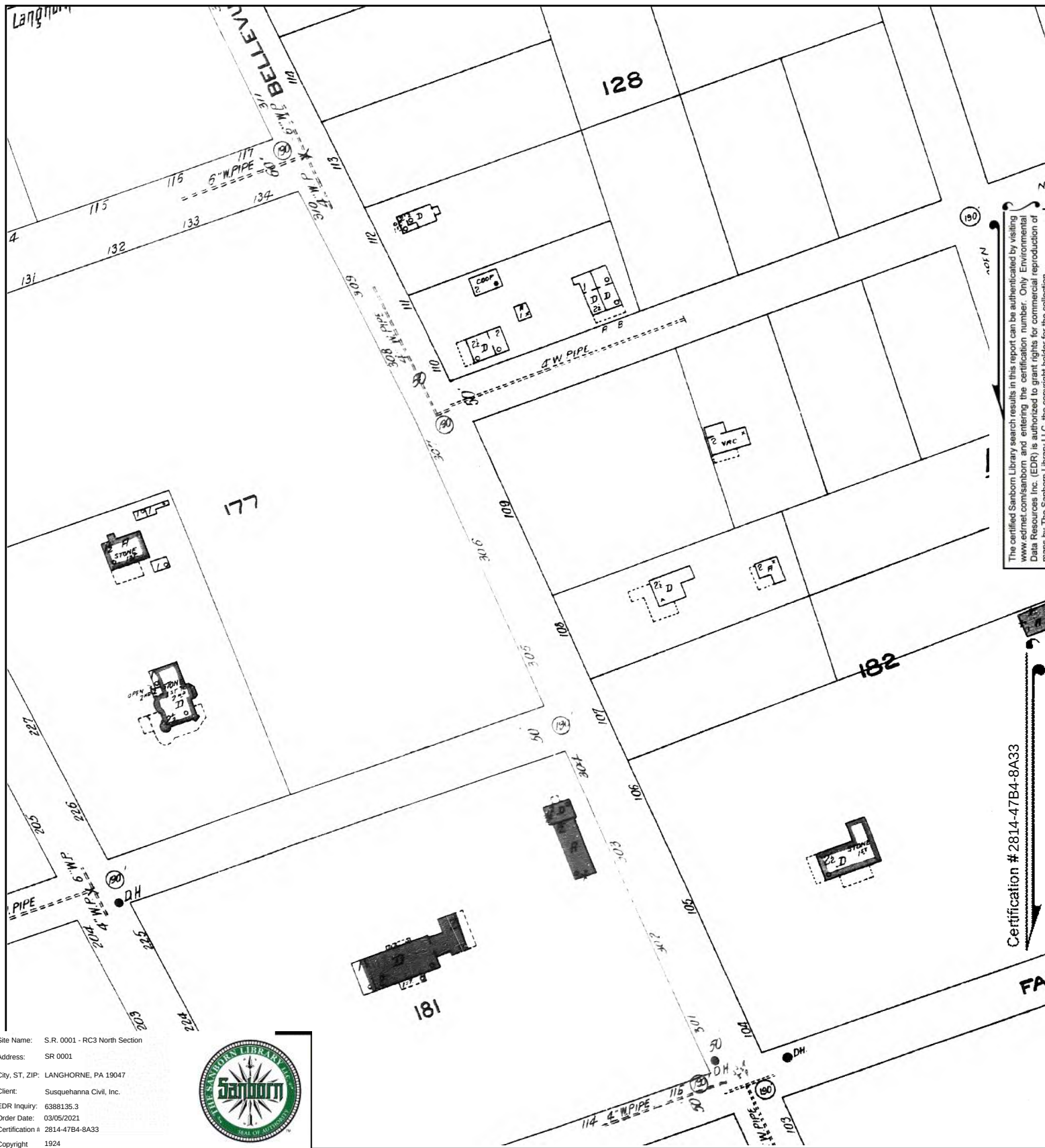


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
 Volume 1, Sheet 6





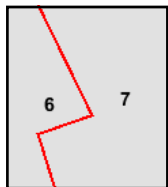
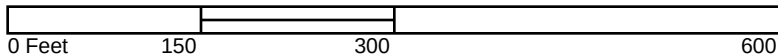
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6
 Volume 1, Sheet 7



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 17
1950



Volume 1, Sheet 18
1950

1943 Source Sheets



Volume 1, Sheet 17
1943



Volume 1, Sheet 18
1943

1924 Source Sheets



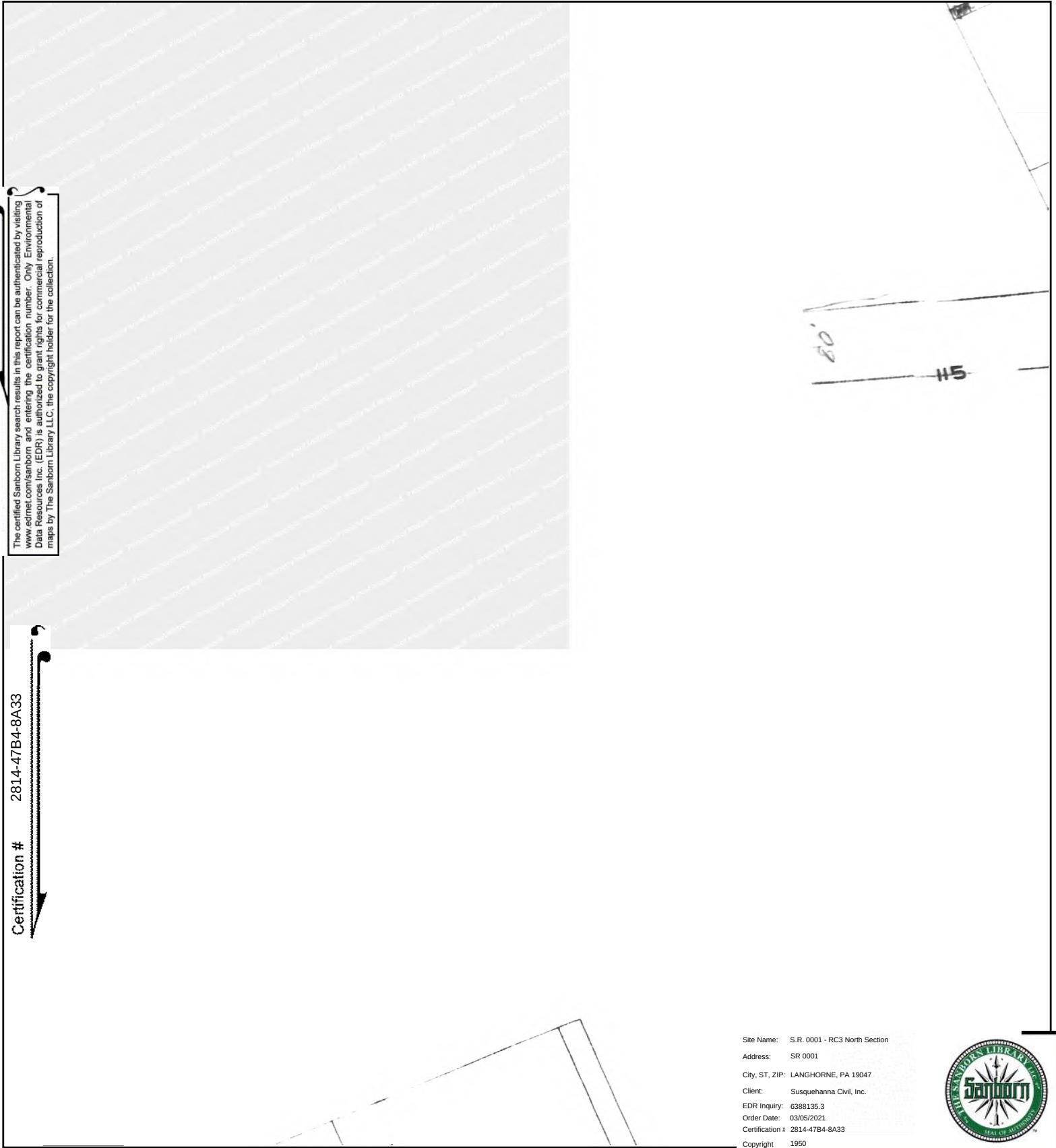
Volume 1, Sheet 17
1924



Volume 1, Sheet 18
1924

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

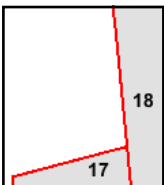
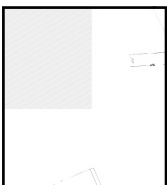
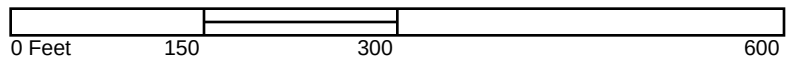
Certification # 2814-47B4-8A33



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1950



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

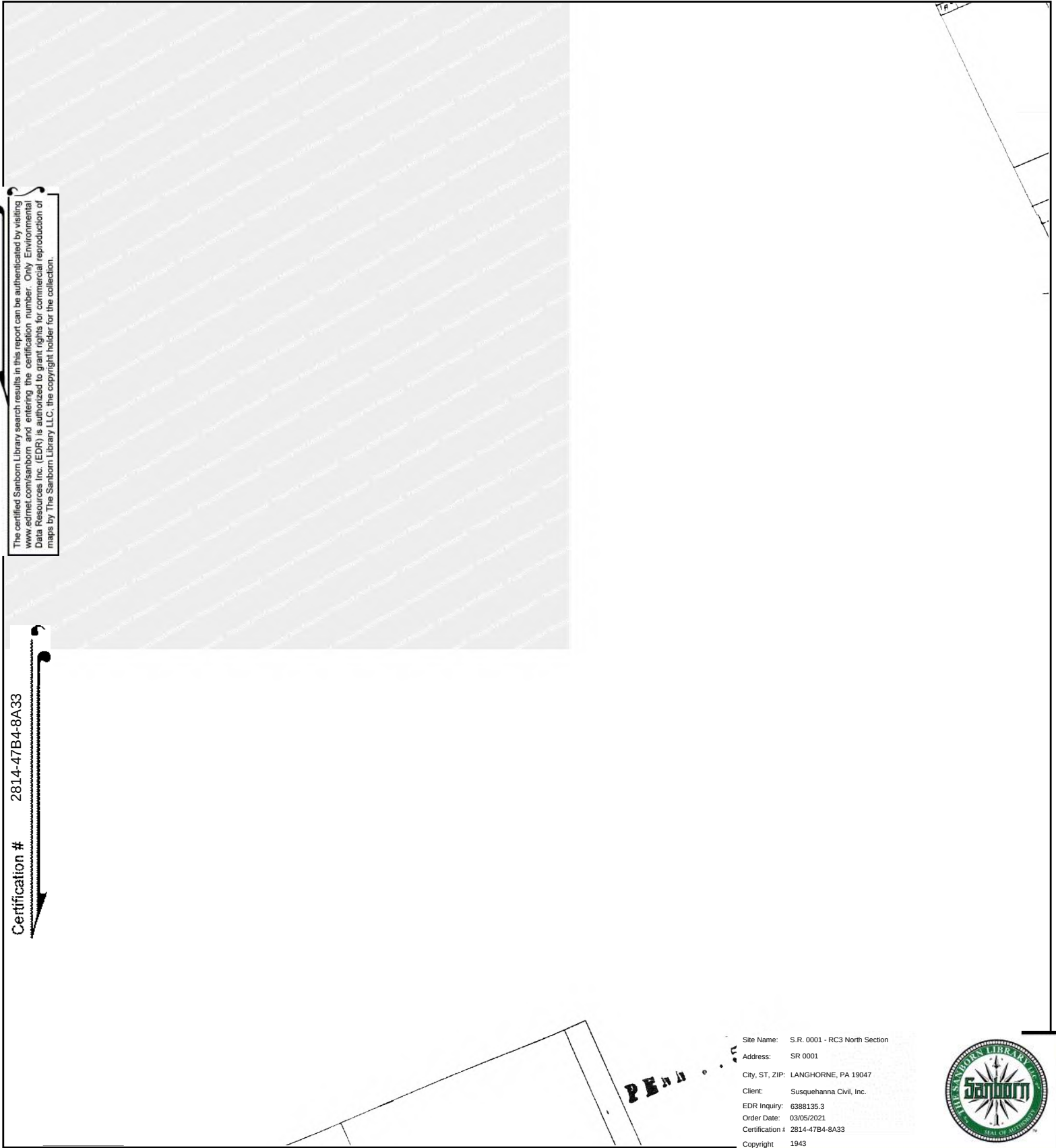


Volume 1, Sheet 18
 Volume 1, Sheet 17

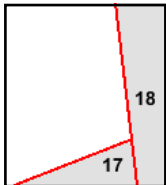
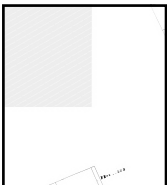
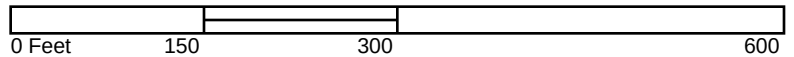


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 2814-47B4-8A33



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

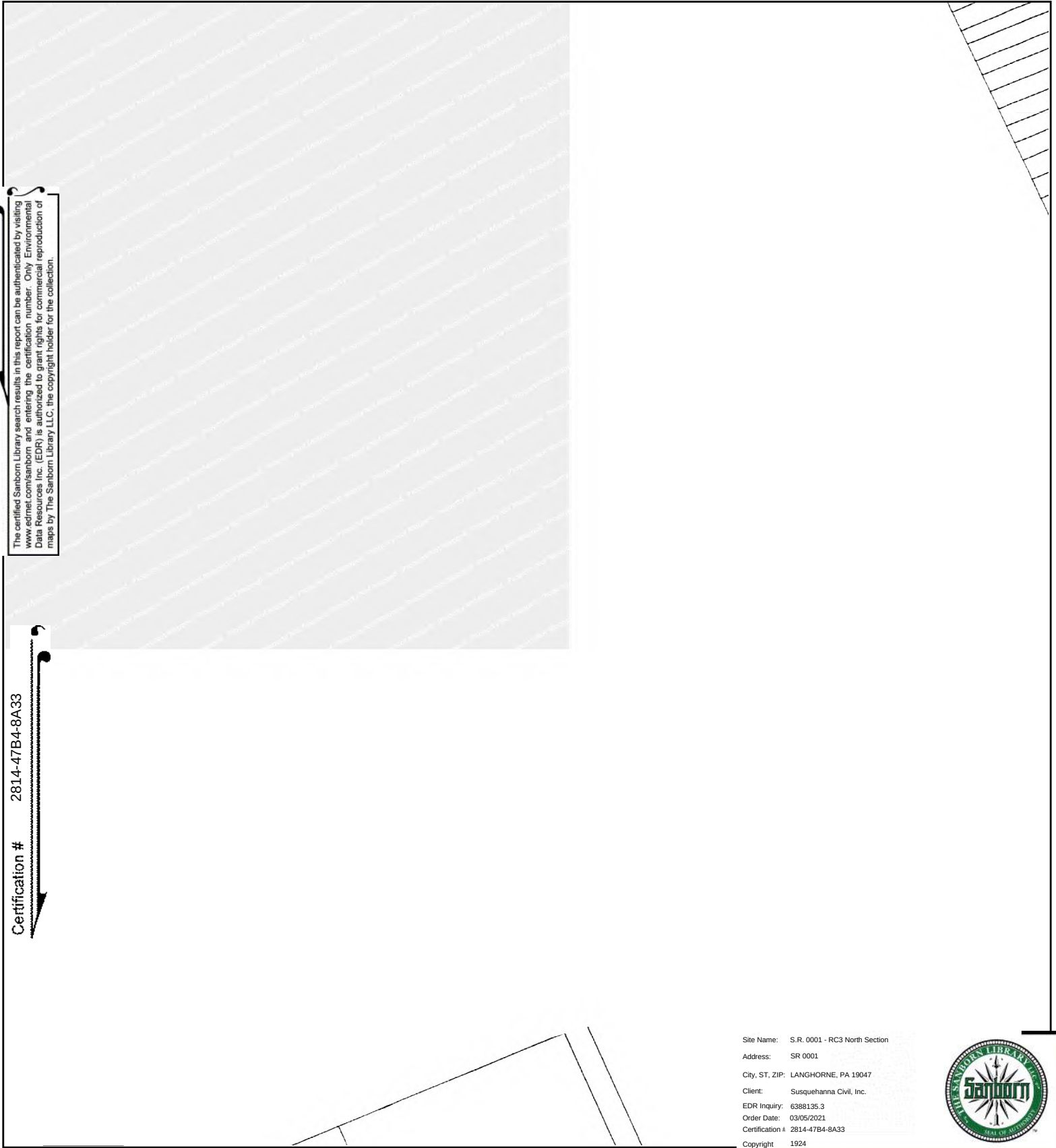


Volume 1, Sheet 18
 Volume 1, Sheet 17



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

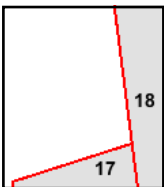
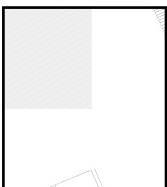
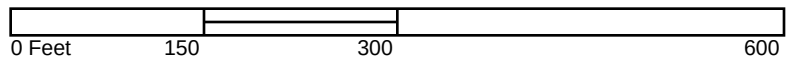
Certification # 2814-47B4-8A33



Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1924



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17



S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 North Section
SR 0001
LANGHORNE, PA 19047
EDR Inquiry # 6388135.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # 2814-47B4-8A33

PO # 20007

Project SR 0001 Sect RC3 - N. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: 2814-47B4-8A33

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 17
1950



Volume 1, Sheet 18
1950

1943 Source Sheets



Volume 1, Sheet 17
1943



Volume 1, Sheet 18
1943

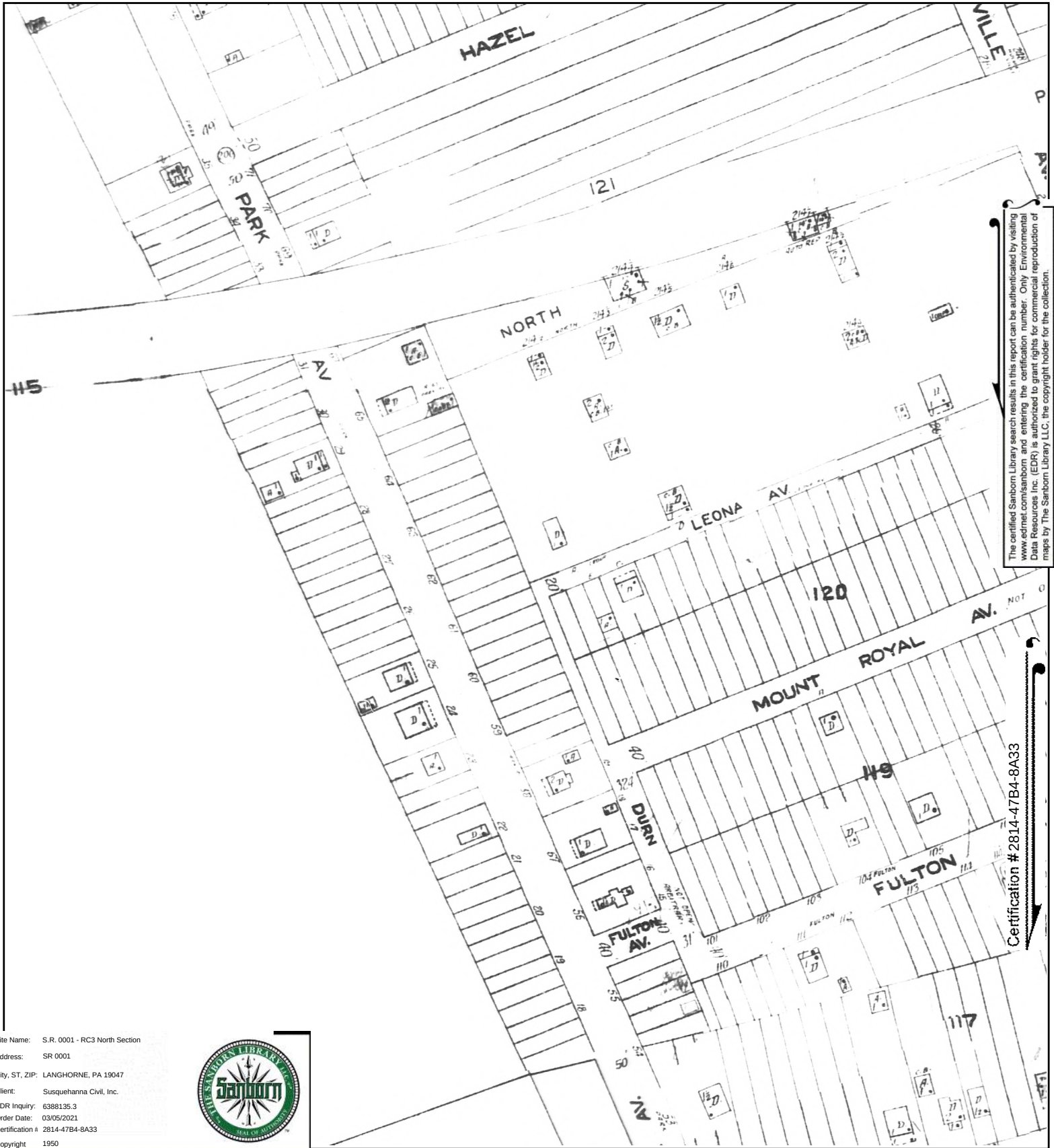
1924 Source Sheets



Volume 1, Sheet 17
1924



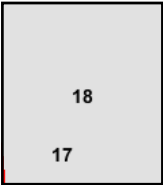
Volume 1, Sheet 18
1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #2814-47B4-8A33

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17



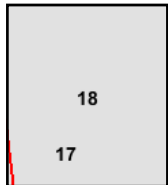
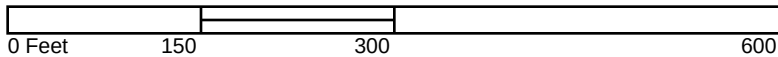
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #2814-47B4-8A33

Site Name: S.R. 0001 - RC3 North Section
 Address: SR 0001
 City, ST, ZIP: LANGHORNE, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388135.3
 Order Date: 03/05/2021
 Certification #: 2814-47B4-8A33
 Copyright: 1943



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

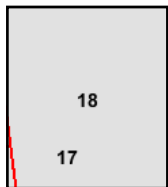


Volume 1, Sheet 18
 Volume 1, Sheet 17





This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC

PO # 20007

Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

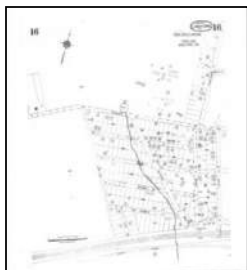
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 16
1950

1943 Source Sheets



Volume 1, Sheet 16
1943

1924 Source Sheets

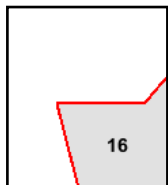
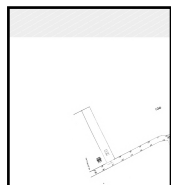
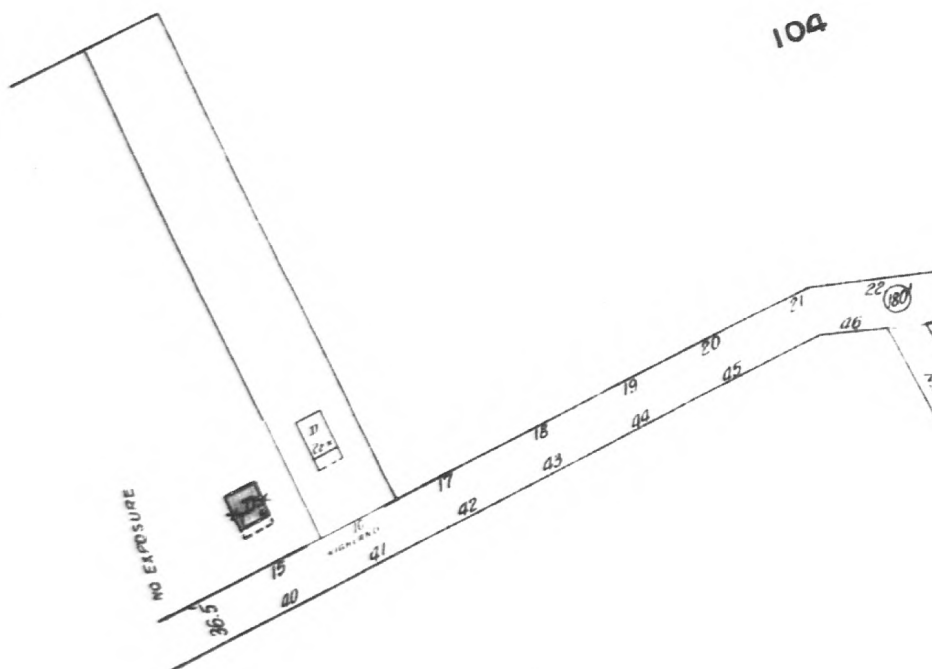


Volume 1, Sheet 16
1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.ednet.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC



Volume 1, Sheet 16

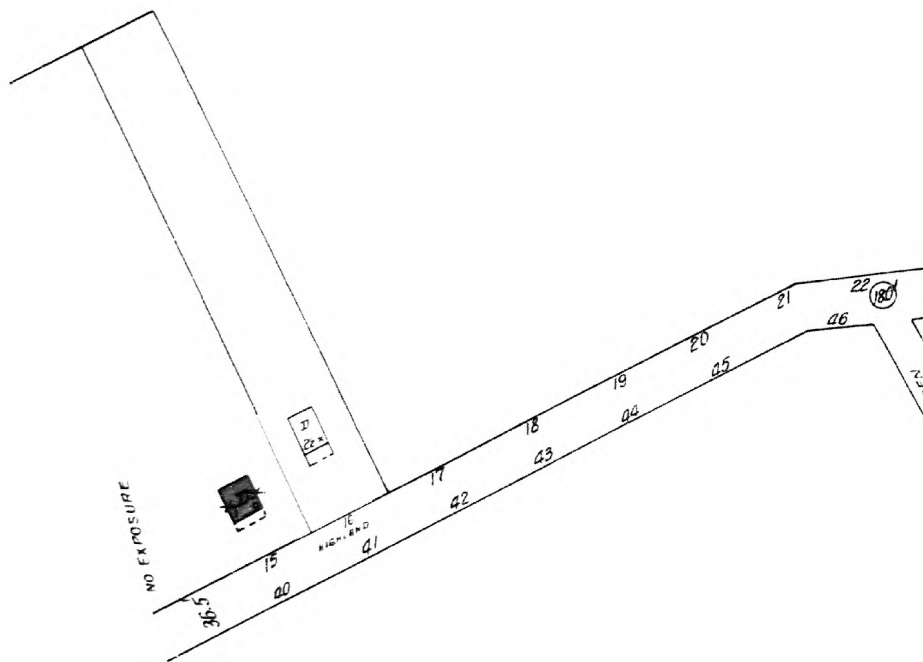


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1943

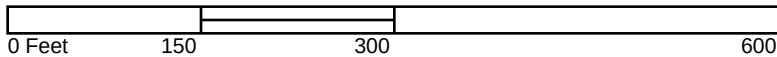


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

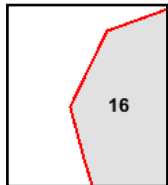
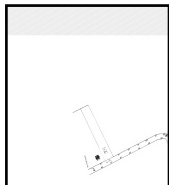
Certification # F8B8-43A2-ADAC



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16



Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1924

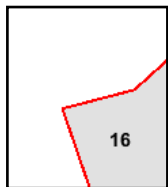
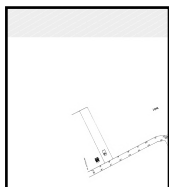


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # F8B8-43A2-ADAC



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16



S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC

PO # 20007

Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 18
1950

1943 Source Sheets

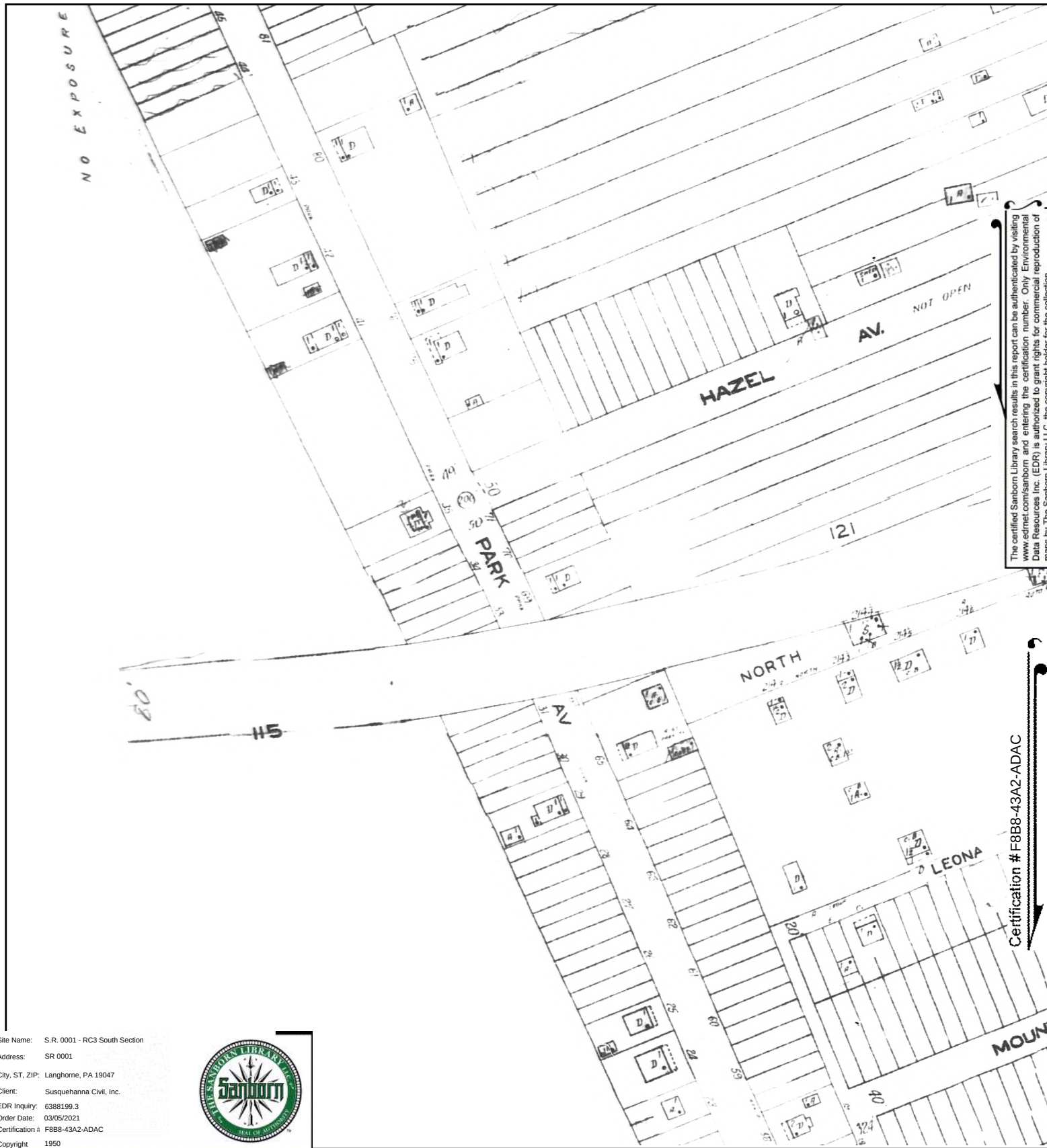


Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 18
1924



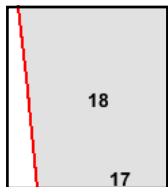
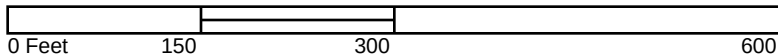
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # F8B8-43A2-ADAC

Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F8B8-43A2-ADAC
 Copyright 1950

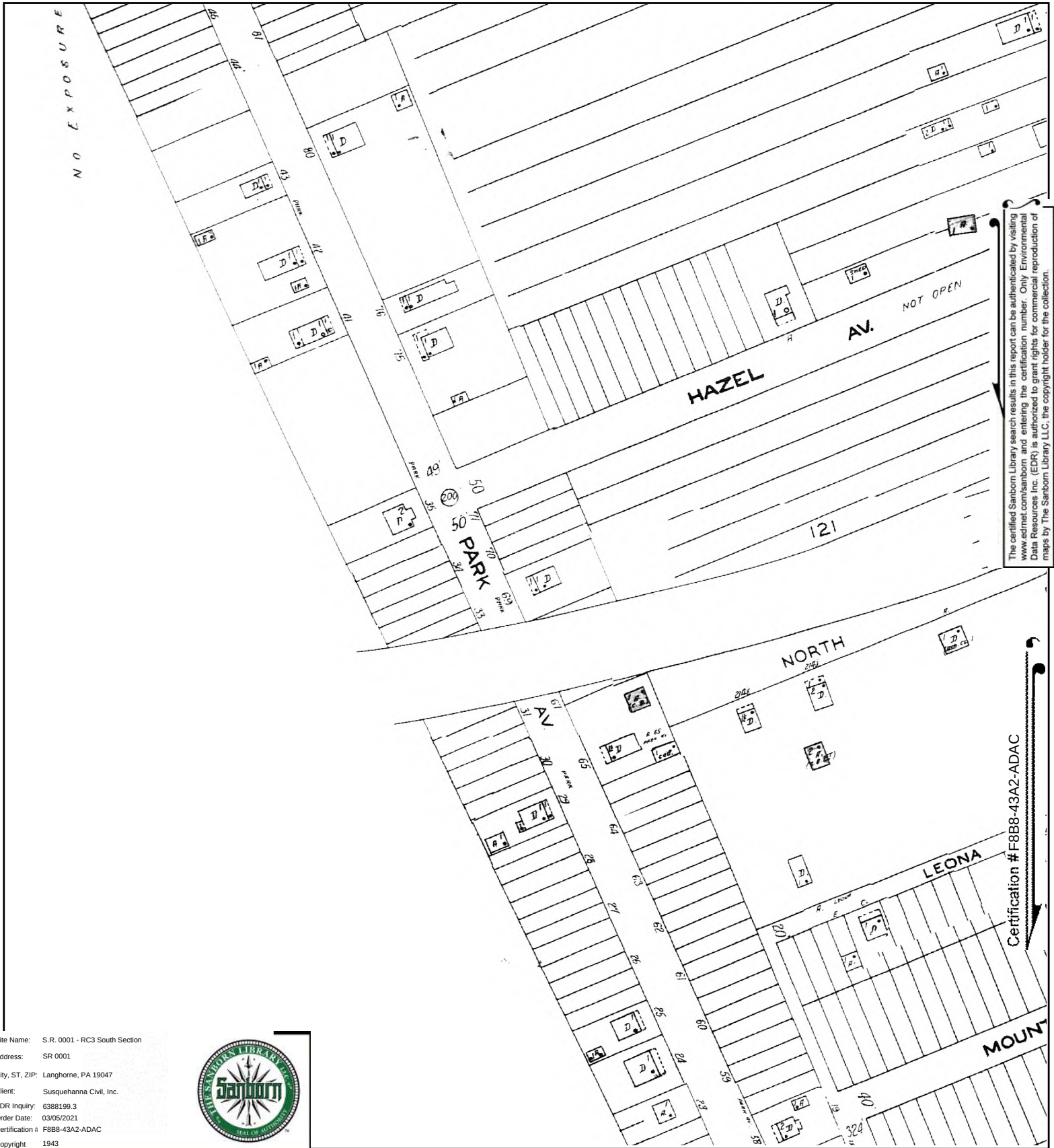


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18

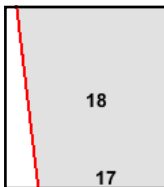




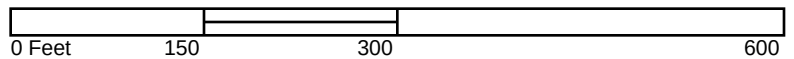
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F8B8-43A2-ADAC
 Copyright 1943

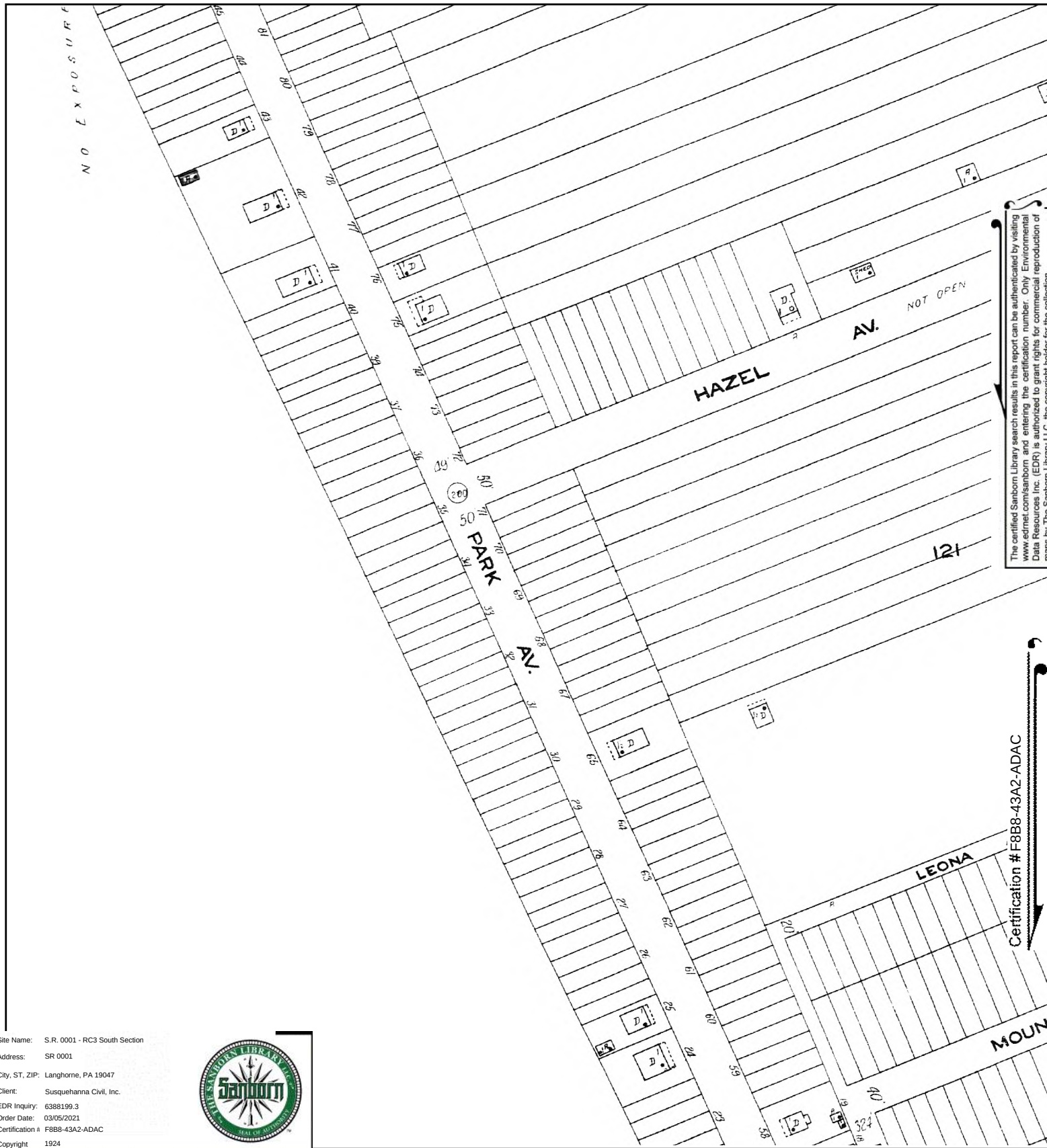


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18





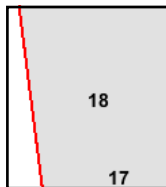
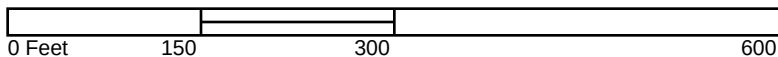
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # F8B8-43A2-ADAC

Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F8B8-43A2-ADAC
 Copyright 1924



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC
PO # 20007
Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 18
1950

1943 Source Sheets



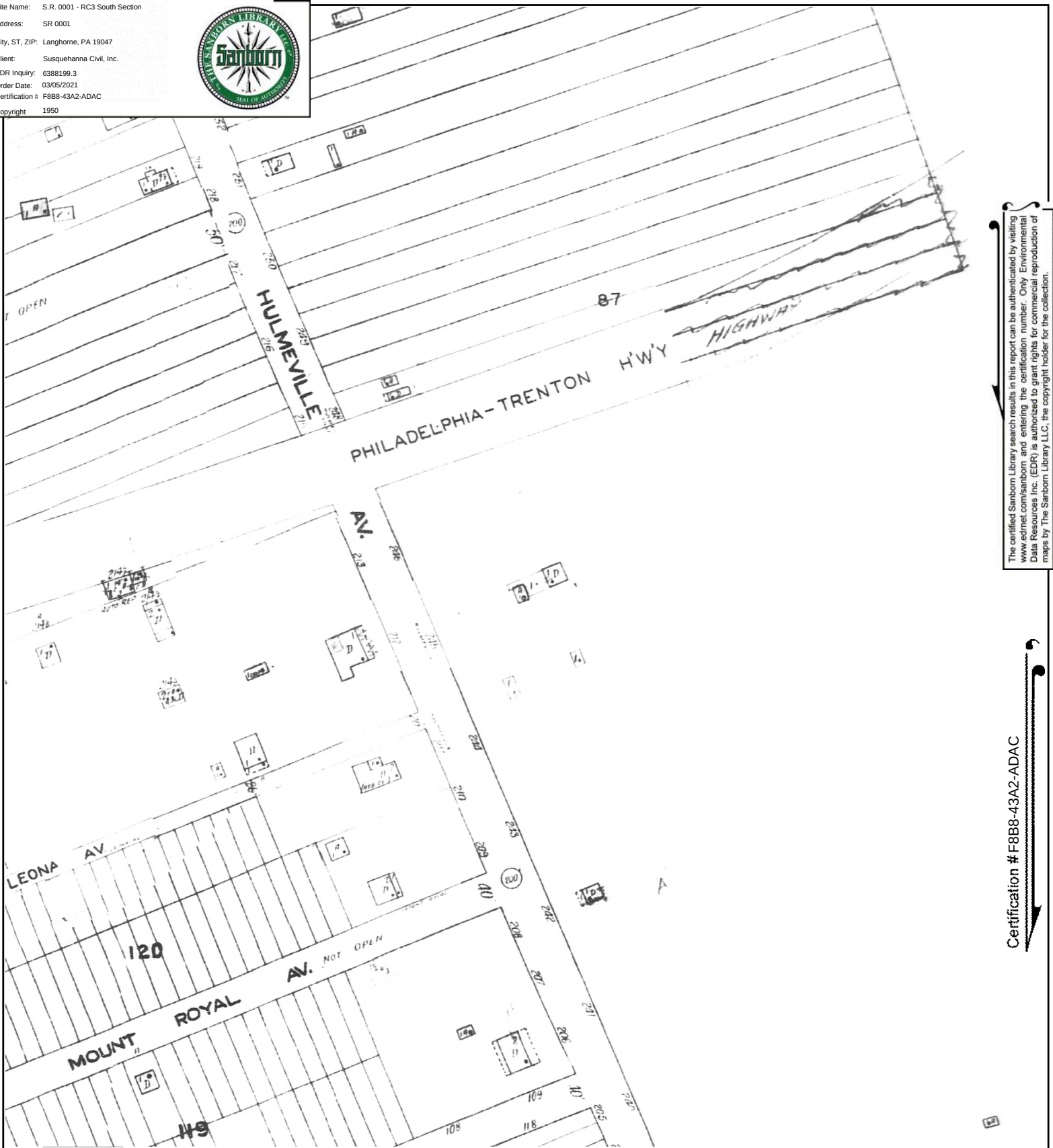
Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 18
1924

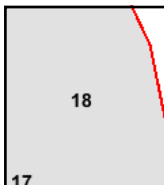
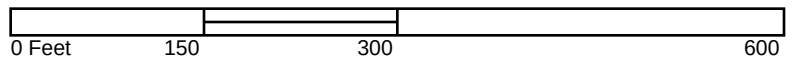
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F8B8-43A2-ADAC
 Copyright: 1950



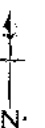
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #F8B8-43A2-ADAC

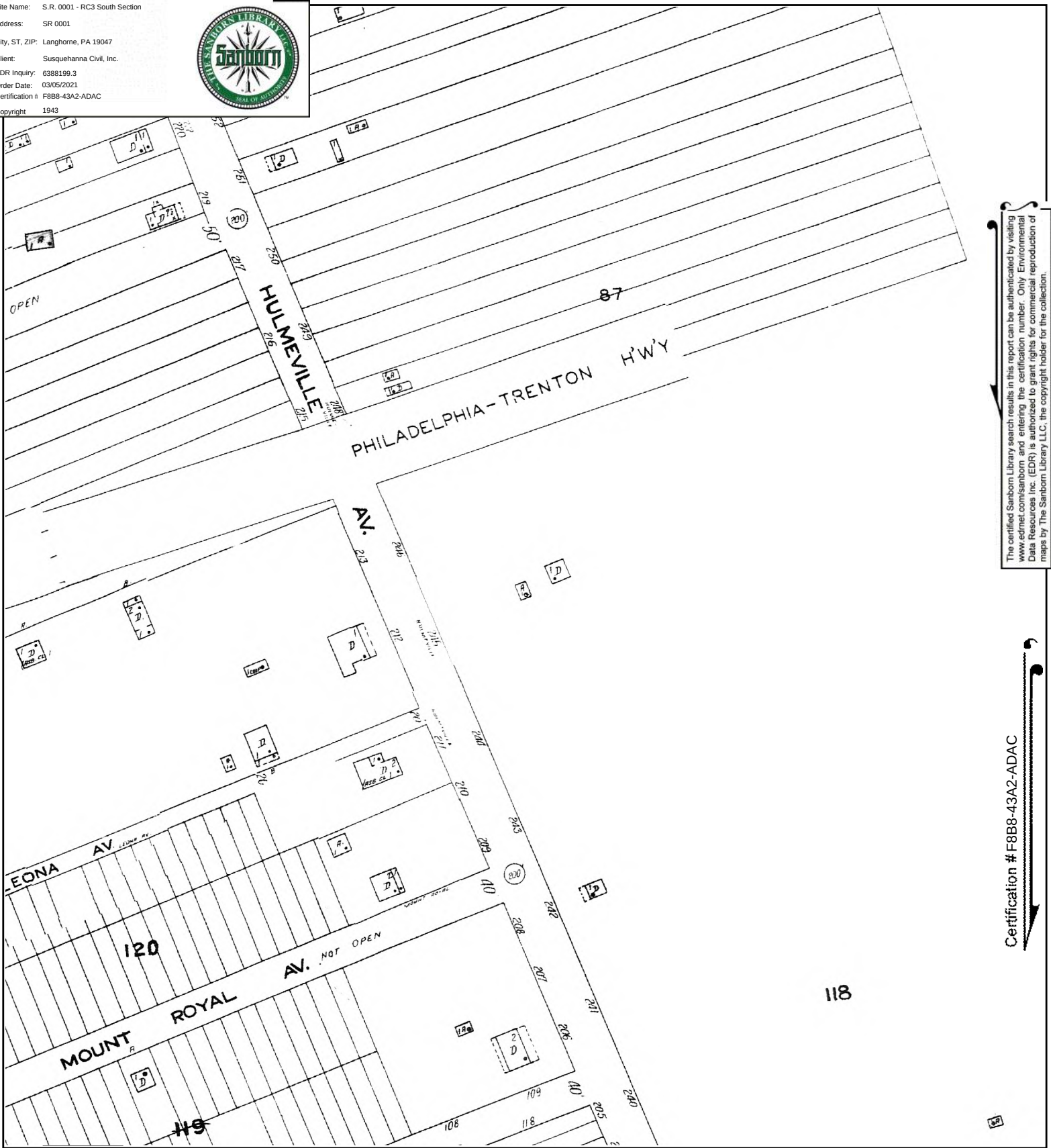
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



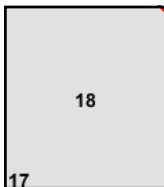
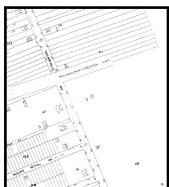
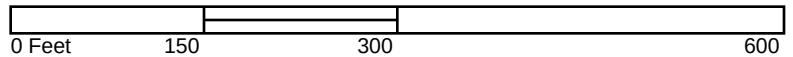
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #F8B8-43A2-ADAC

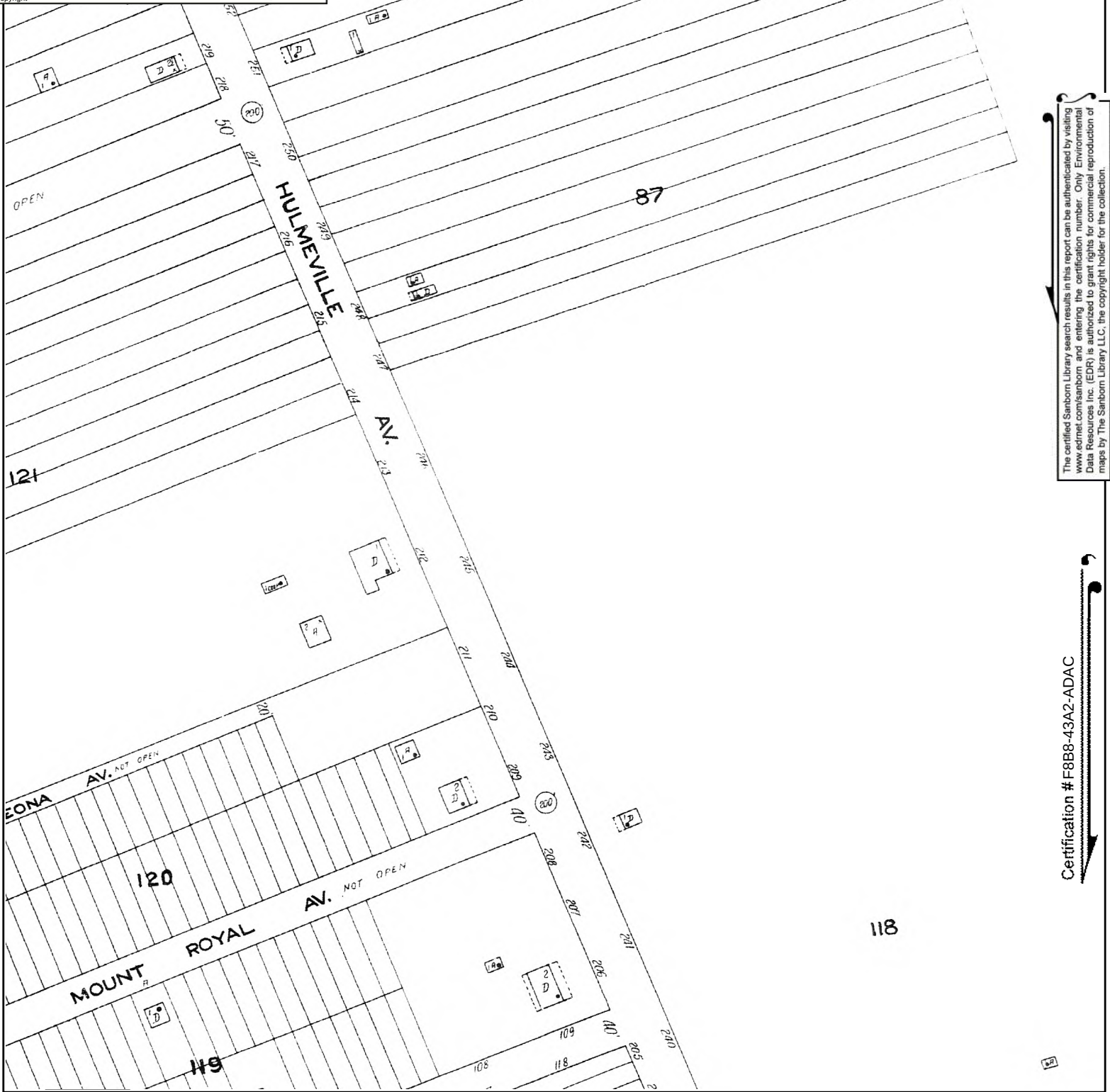
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18



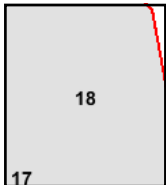
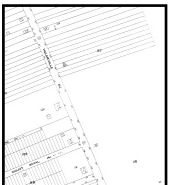
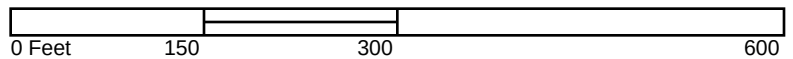
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC
PO # 20007
Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 16
1950

1943 Source Sheets



Volume 1, Sheet 16
1943

1924 Source Sheets



Volume 1, Sheet 16
1924

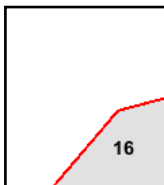
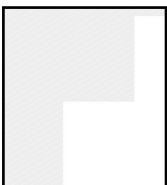
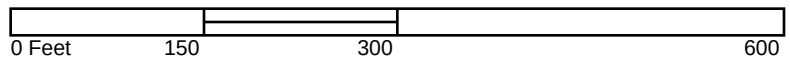


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1950

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrmet.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16



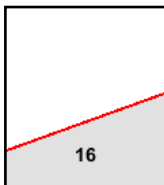
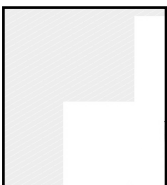
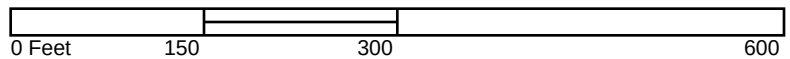


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1943

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16



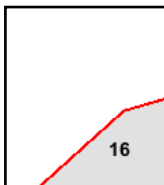
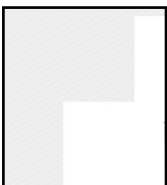
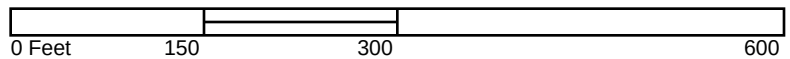


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1924

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrmet.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC
PO # 20007
Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

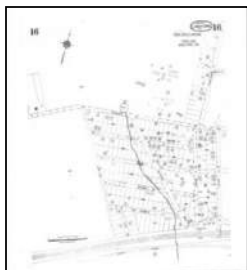
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 16
1950



Volume 1, Sheet 17
1950

1943 Source Sheets



Volume 1, Sheet 16
1943



Volume 1, Sheet 17
1943

1924 Source Sheets



Volume 1, Sheet 16
1924



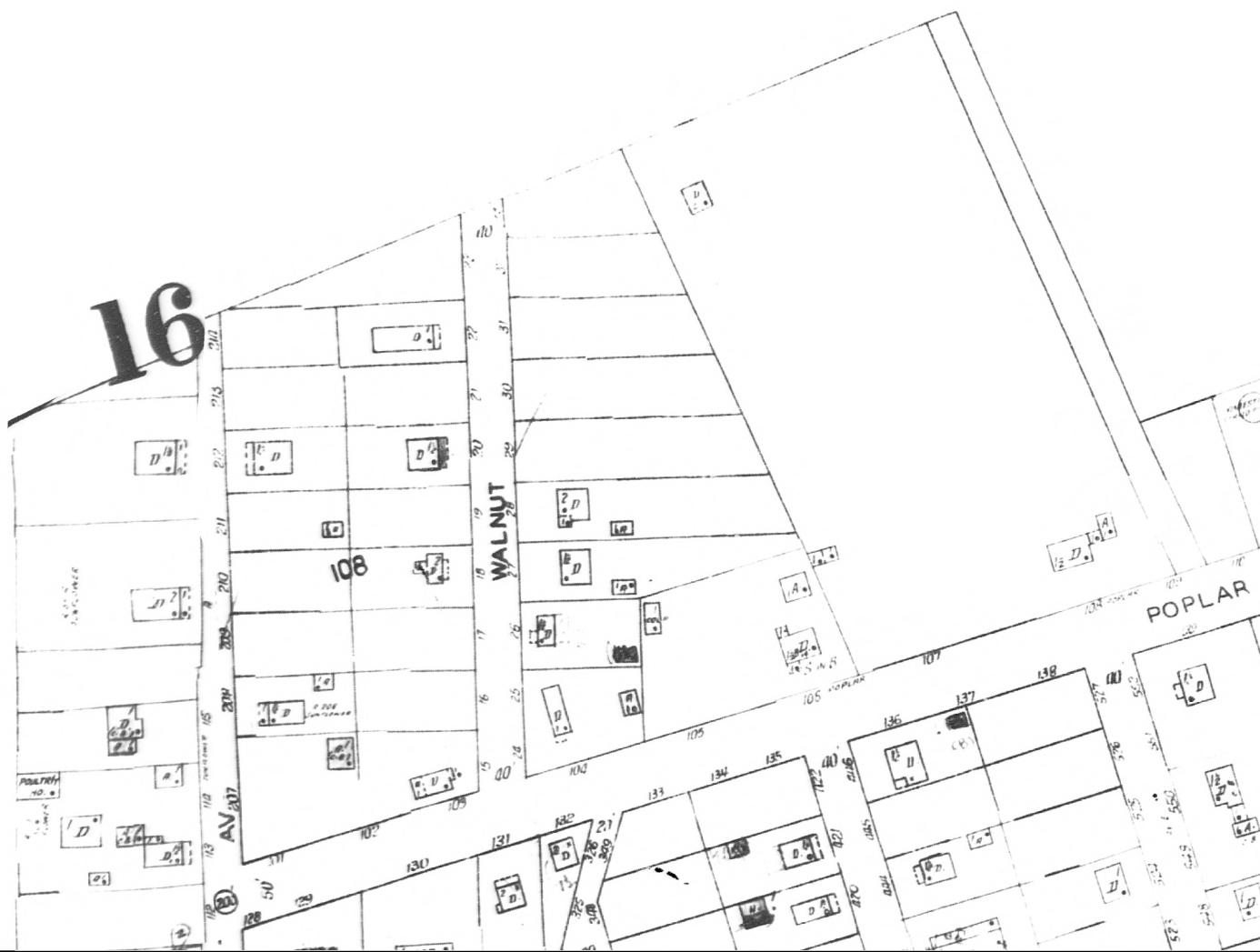
Volume 1, Sheet 17
1924

Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1950

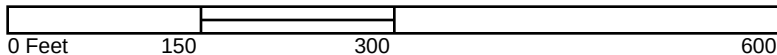


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

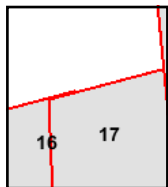
Certification # F8B8-43A2-ADAC



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 17
 Volume 1, Sheet 16

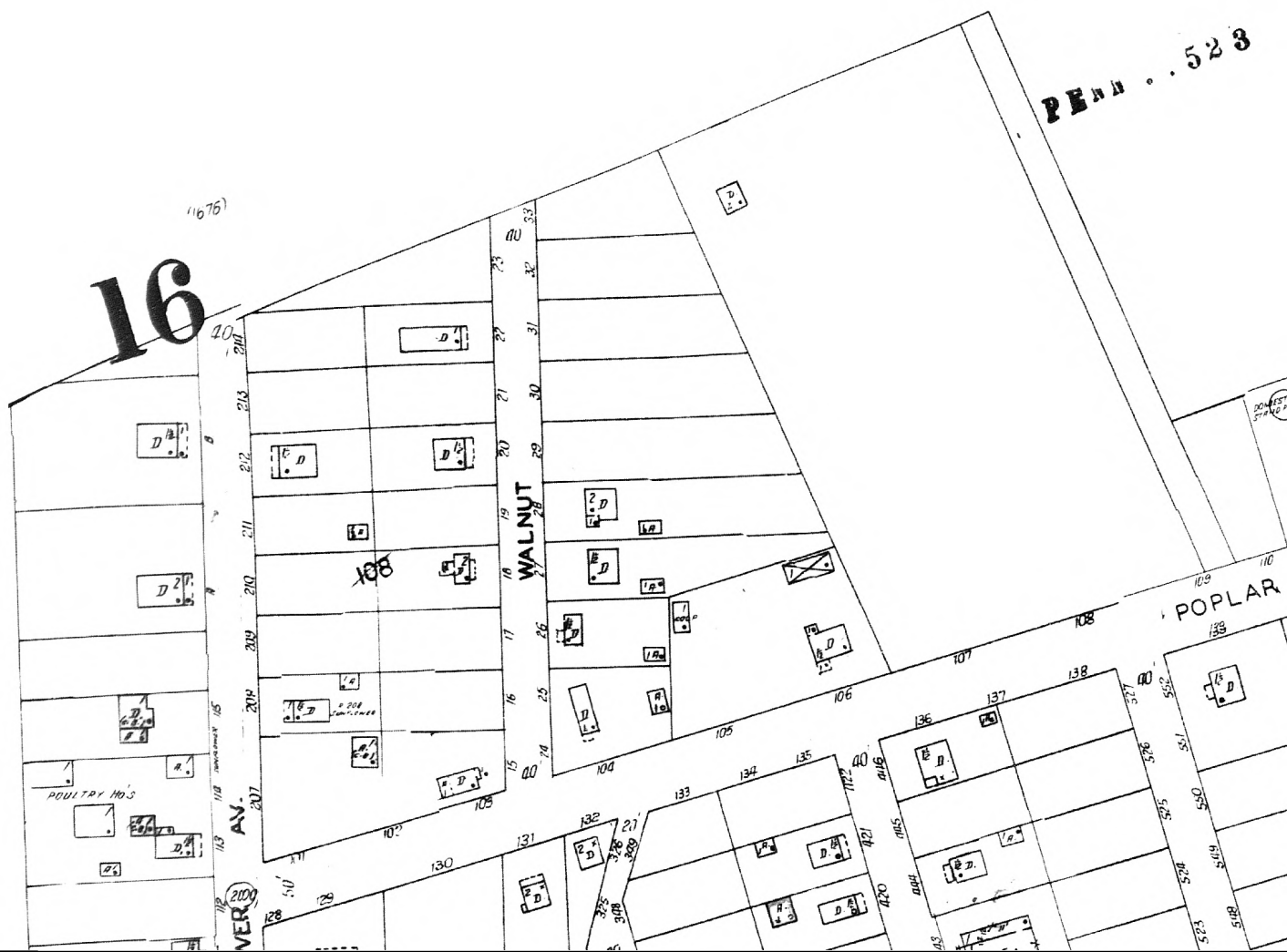


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1943

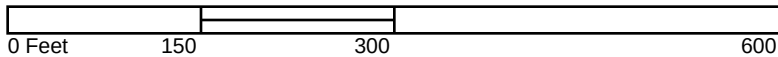


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

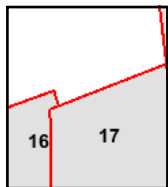
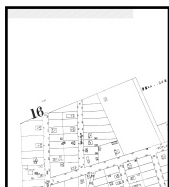
Certification # F8B8-43A2-ADAC



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 17
 Volume 1, Sheet 16

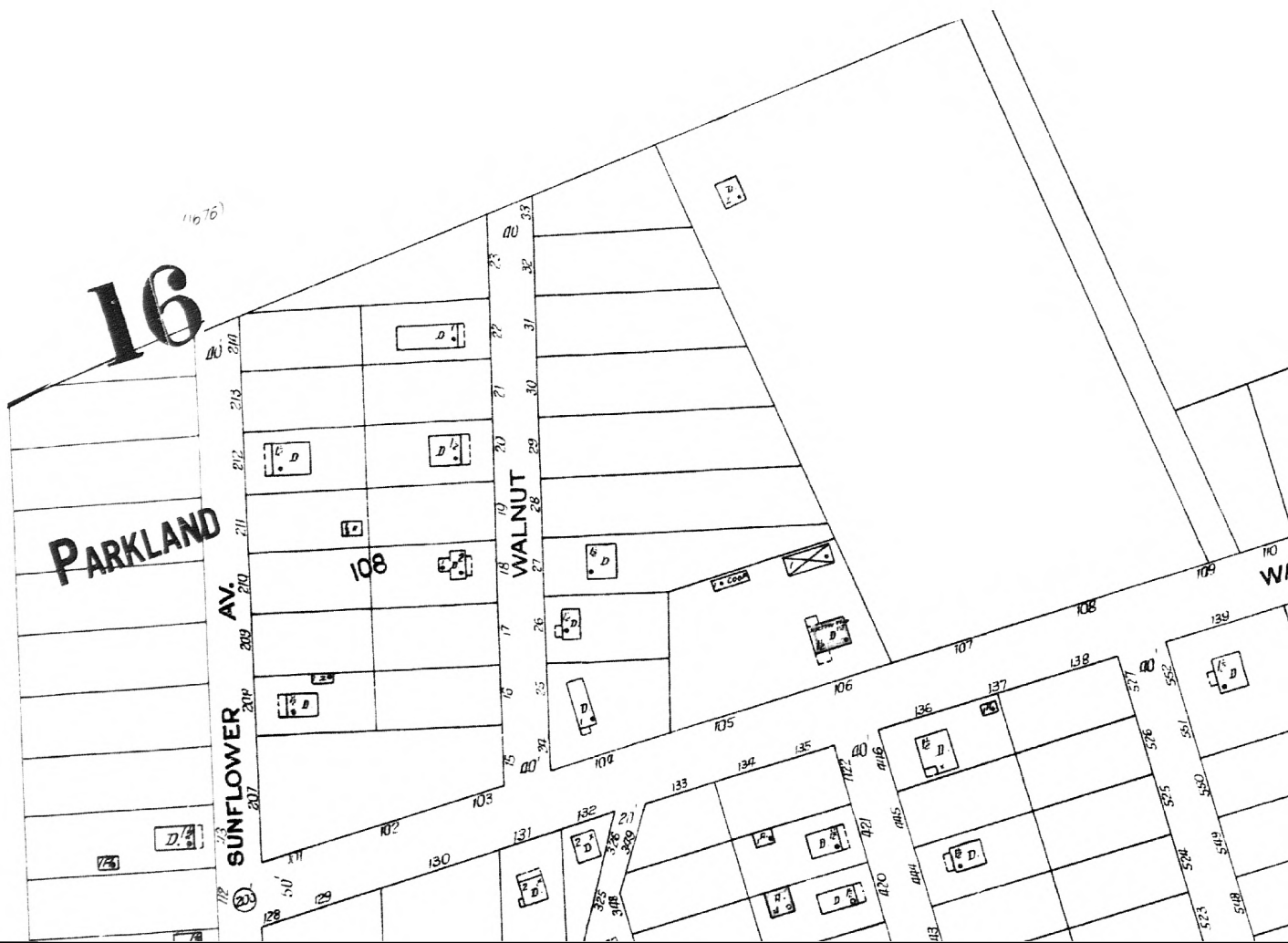


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1924

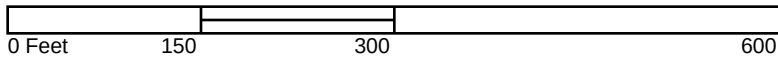


The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

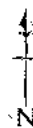
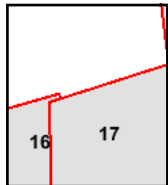
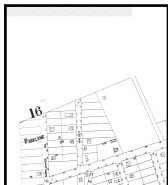
Certification # F8B8-43A2-ADAC



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 17
 Volume 1, Sheet 16





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC

PO # 20007

Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 17
1950



Volume 1, Sheet 18
1950

1943 Source Sheets



Volume 1, Sheet 17
1943



Volume 1, Sheet 18
1943

1924 Source Sheets

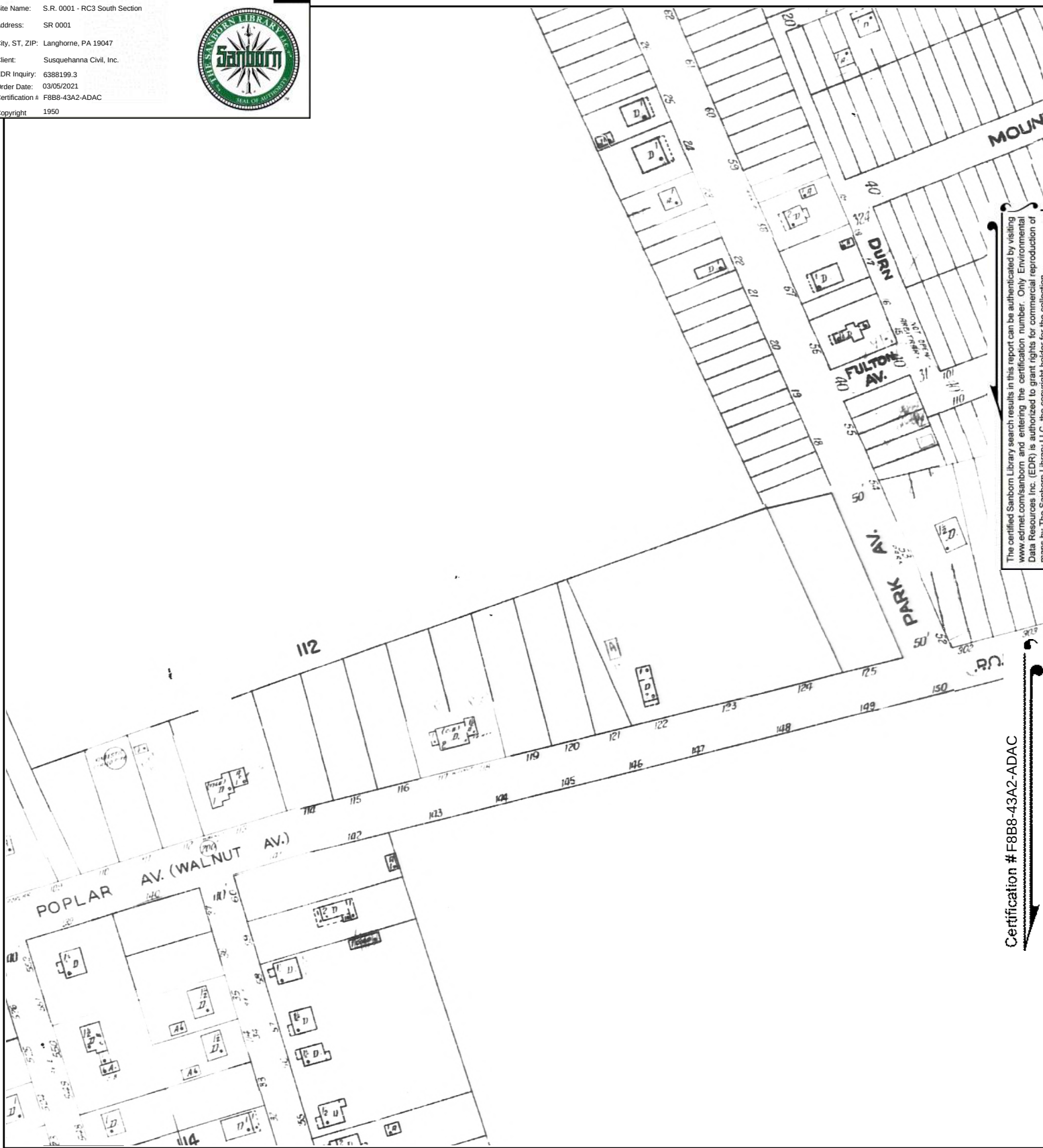


Volume 1, Sheet 17
1924



Volume 1, Sheet 18
1924

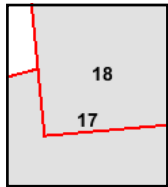
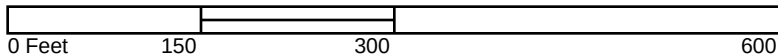
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17



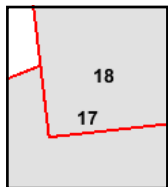
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F888-43A2-ADAC
 Copyright: 1943



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

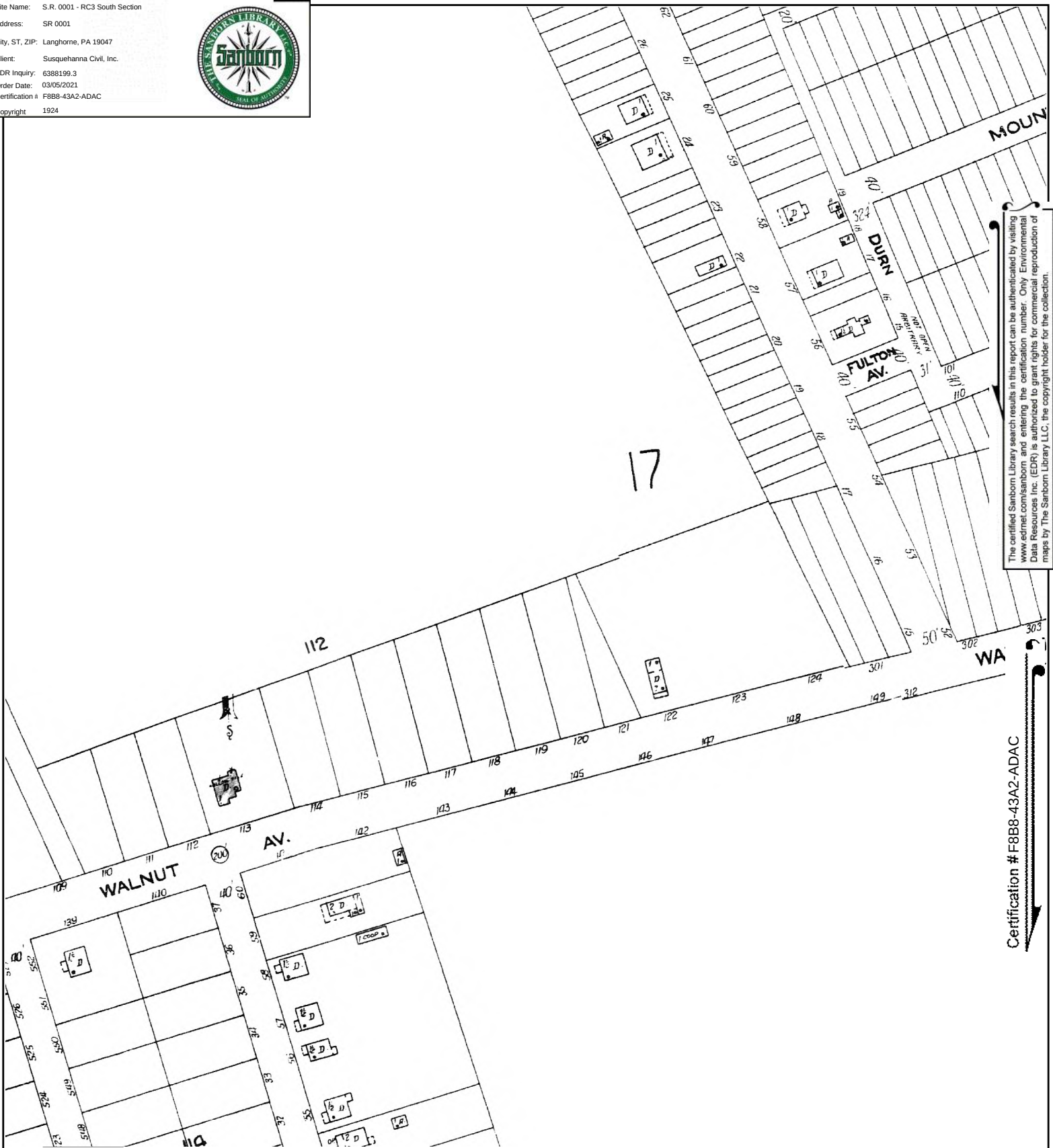
Certification # F888-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17

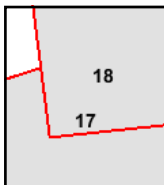
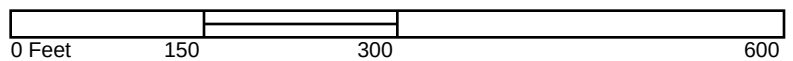
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F888-43A2-ADAC
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification #F888-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC
PO # 20007
Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 17
1950



Volume 1, Sheet 18
1950

1943 Source Sheets



Volume 1, Sheet 17
1943



Volume 1, Sheet 18
1943

1924 Source Sheets



Volume 1, Sheet 17
1924



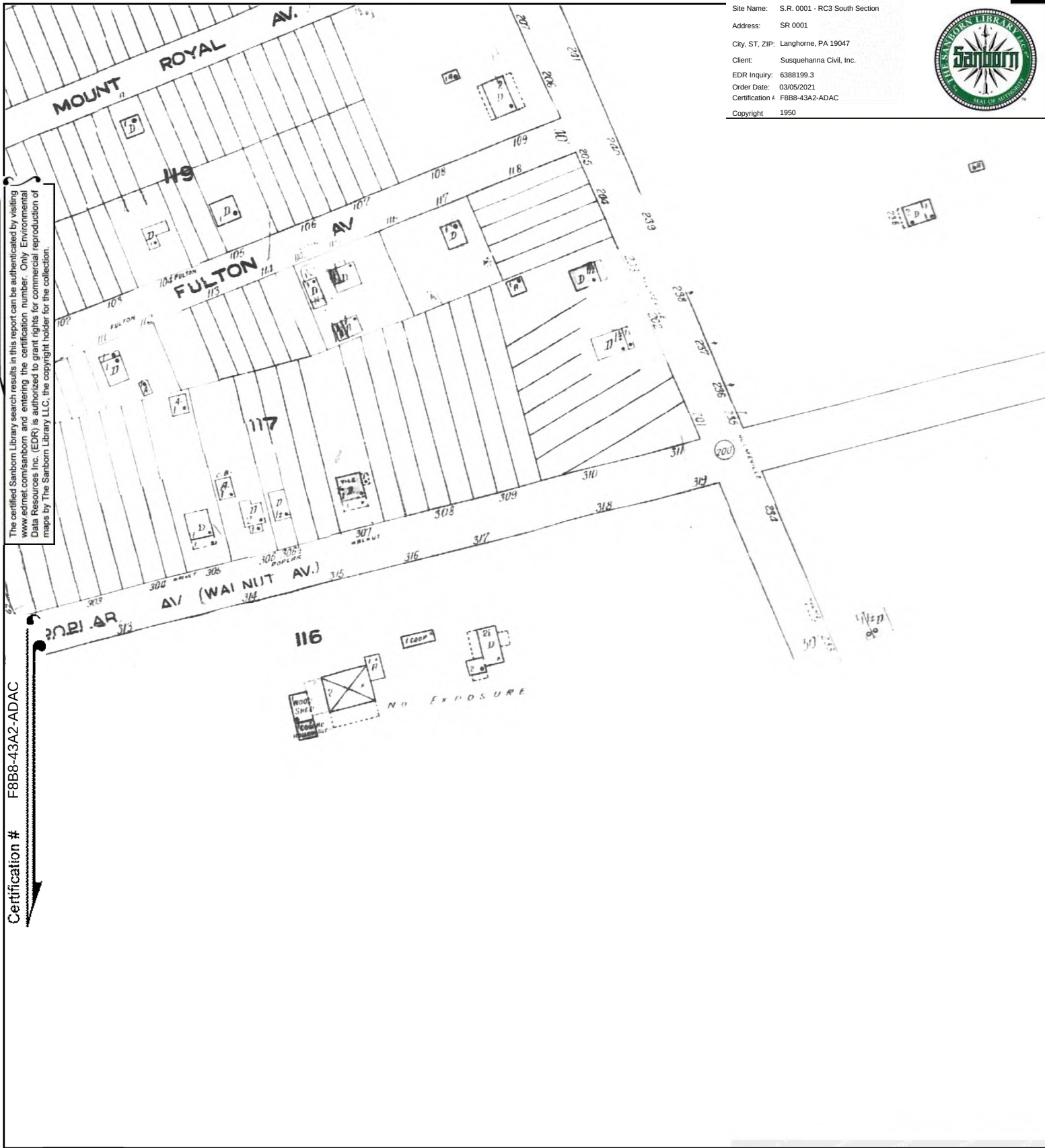
Volume 1, Sheet 18
1924

Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1950

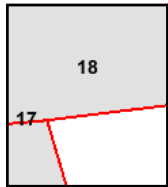
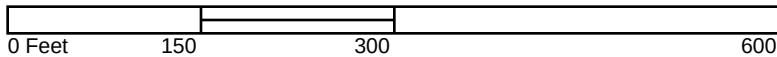


The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # F8B8-43A2-ADAC



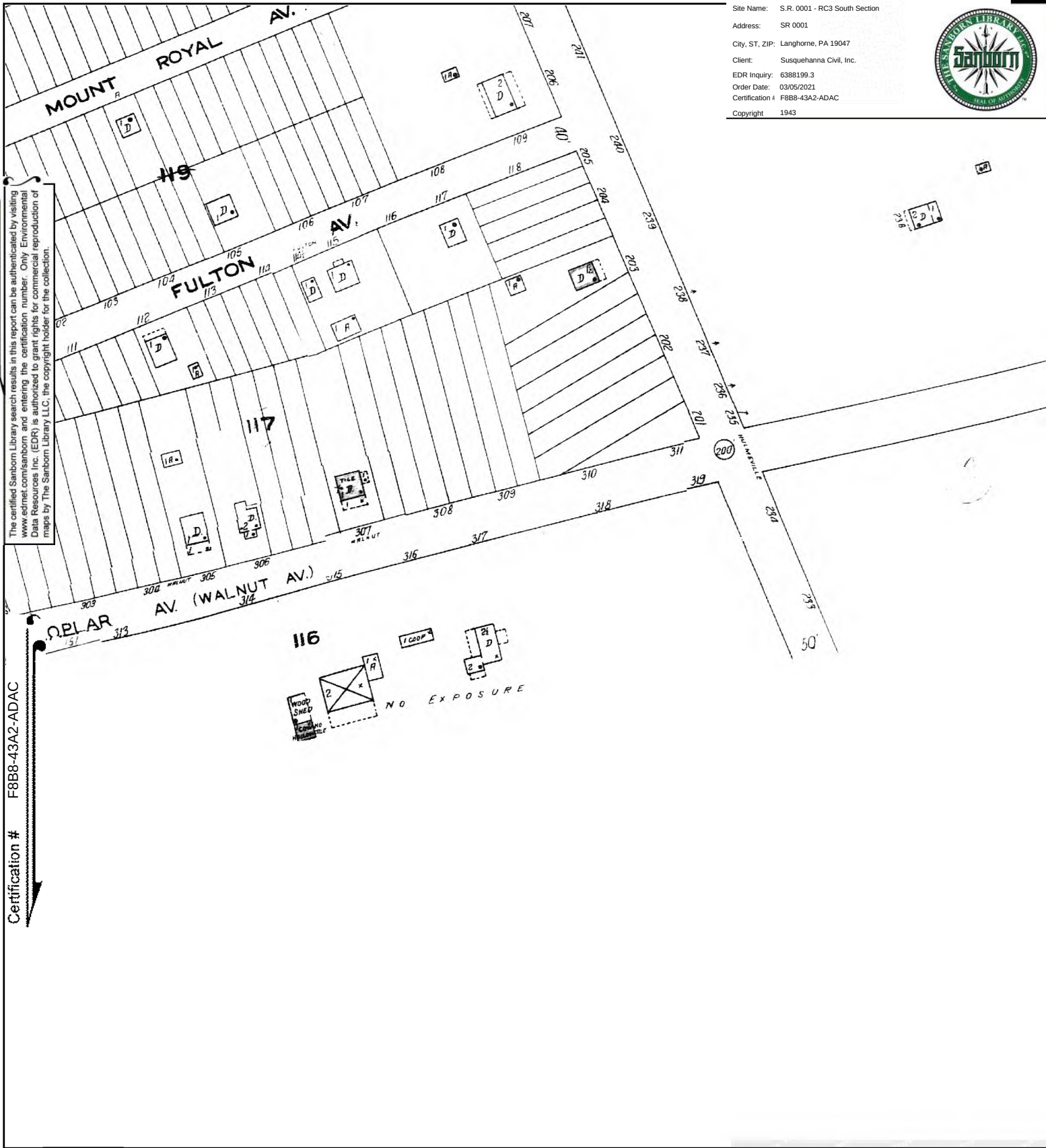
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



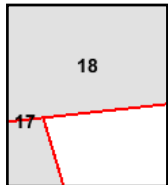
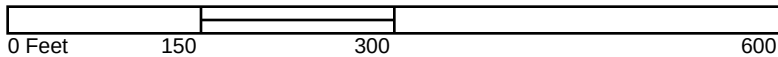
Volume 1, Sheet 18
 Volume 1, Sheet 17



Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1943



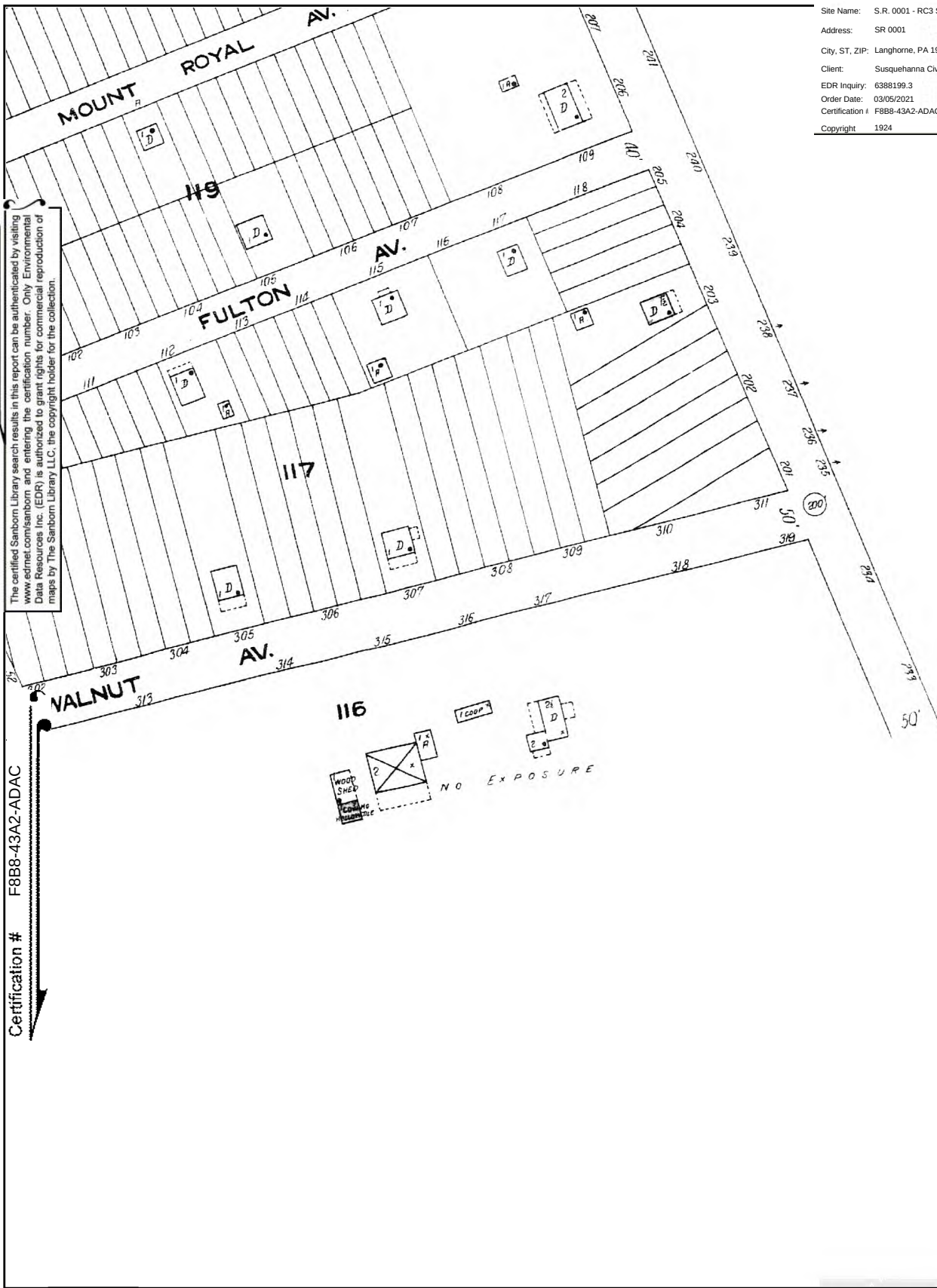
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17



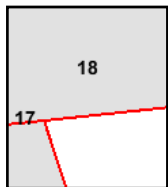
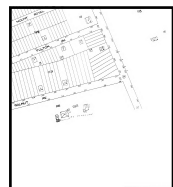
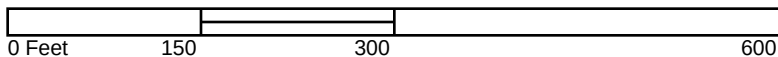
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F8B8-43A2-ADAC
 Copyright: 1924



The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. 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.

Certification # F8B8-43A2-ADAC

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 18
 Volume 1, Sheet 17





S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.3

March 05, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/05/21

Site Name:

S.R. 0001 - RC3 South Section
SR 0001
Langhorne, PA 19047
EDR Inquiry # 6388199.3

Client Name:

Susquehanna Civil, Inc.
50 Grumbacher Rd Ste 10
York, PA 17406
Contact: Bailey Bzdak



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Susquehanna Civil, Inc. 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 # F8B8-43A2-ADAC
PO # 20007
Project SR 0001 Sect RC3 - S. Section

Maps Provided:

1950
1943
1924



Sanborn® Library search results

Certification #: F8B8-43A2-ADAC

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™

Limited Permission To Make Copies

Susquehanna Civil, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1950 Source Sheets



Volume 1, Sheet 16
1950

1943 Source Sheets



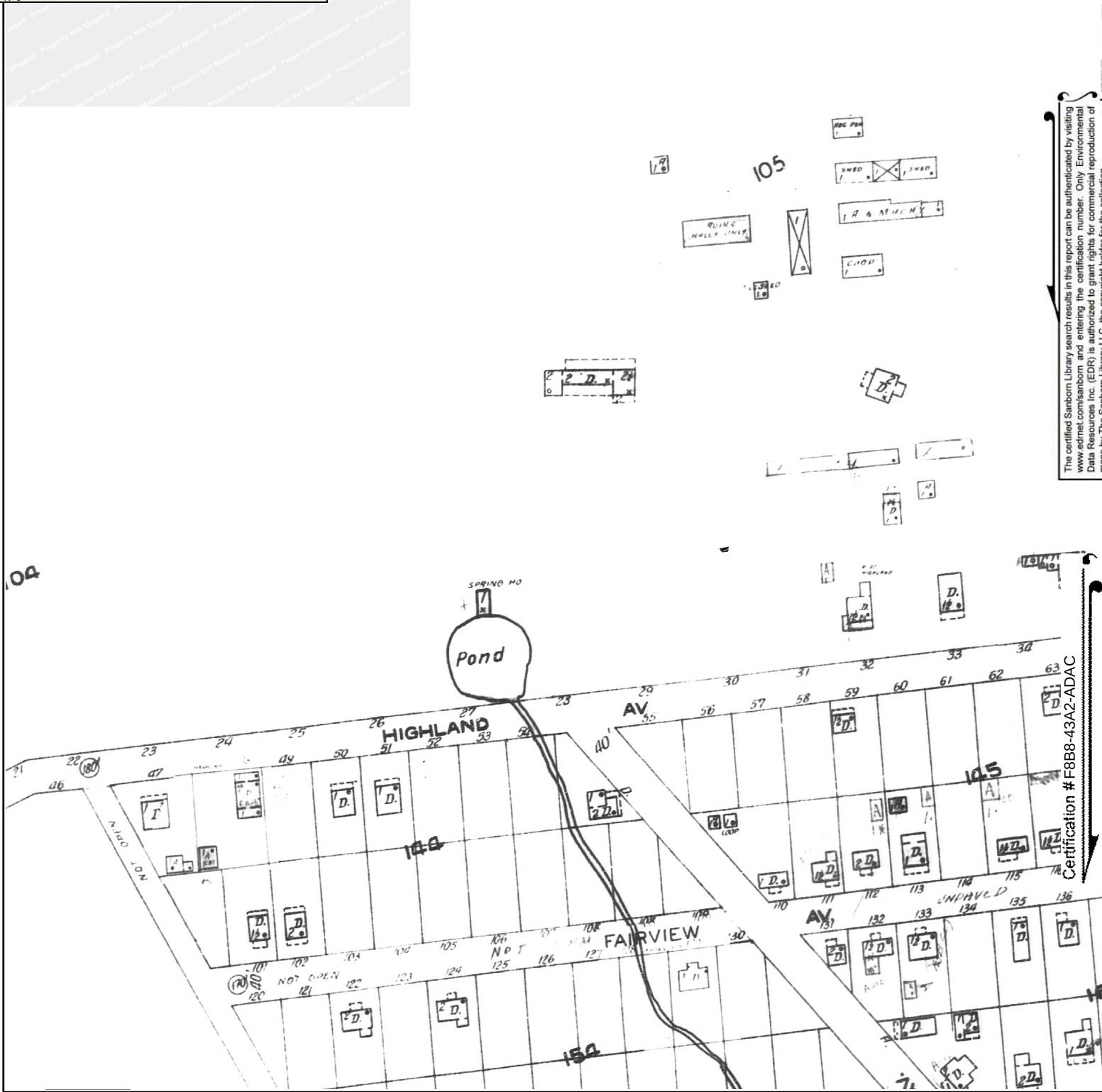
Volume 1, Sheet 16
1943

1924 Source Sheets



Volume 1, Sheet 16
1924

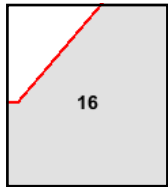
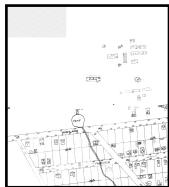
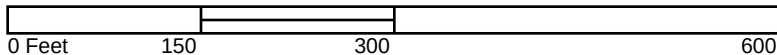
Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification # F888-43A2-ADAC
 Copyright 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. 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.

Certification # F888-43A2-ADAC

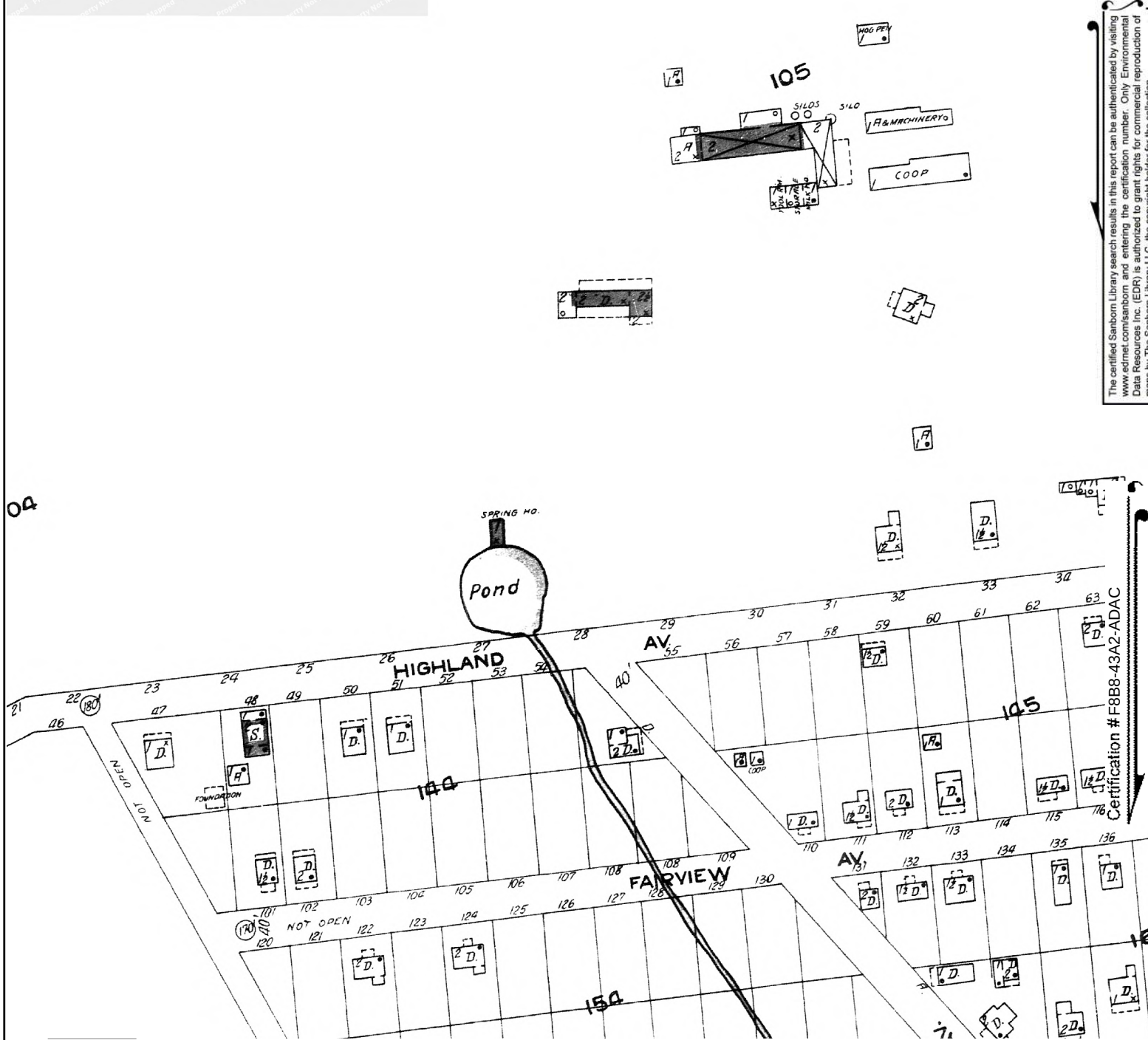
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16

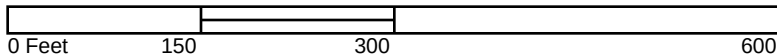


Site Name: S.R. 0001 - RC3 South Section
 Address: SR 0001
 City, ST, ZIP: Langhorne, PA 19047
 Client: Susquehanna Civil, Inc.
 EDR Inquiry: 6388199.3
 Order Date: 03/05/2021
 Certification #: F888-43A2-ADAC
 Copyright: 1924

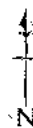
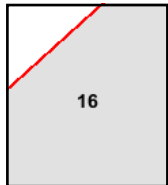


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 16



APPENDIX F:
City Directory

S.R. 0001 - RC3 North Section

SR 0001

LANGHORNE, PA 19047

Inquiry Number: 6388135.5

March 23, 2021

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

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

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

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>
2017	☐	☐	EDR Digital Archive
2014	☒	☐	EDR Digital Archive
2010	☐	☐	EDR Digital Archive
2005	☐	☐	EDR Digital Archive
2000	☒	☐	EDR Digital Archive
1995	☒	☐	EDR Digital Archive
1992	☐	☐	EDR Digital Archive
1987	☒	☐	Cole Criss-Cross Directory
1982	☐	☐	Cole Criss-Cross Directory
1976	☐	☐	Cole Criss-Cross Directory
1972	☒	☐	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

SR 0001
LANGHORNE, PA 19047

Year

CD Image

Source

US ROUTE 1

2017	-	EDR Digital Archive	Street not listed in Source
2014	pg A1	EDR Digital Archive	
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	pg A2	EDR Digital Archive	
1995	pg A3	EDR Digital Archive	
1992	-	EDR Digital Archive	Street not listed in Source
1987	pg A4	Cole Criss-Cross Directory	
1982	-	Cole Criss-Cross Directory	Target and Adjoining not listed in Source
1976	-	Cole Criss-Cross Directory	Target and Adjoining not listed in Source
1972	pg A5	Cole Criss-Cross Directory	

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

CORN CRIB LN

2017	-	EDR Digital Archive	Street not listed in Source
2014	-	EDR Digital Archive	Street not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1987	-	Cole Criss-Cross Directory	Street not listed in Source
1982	-	Cole Criss-Cross Directory	Street not listed in Source
1976	-	Cole Criss-Cross Directory	Street not listed in Source
1972	-	Cole Criss-Cross Directory	Street not listed in Source

City Directory Images

US ROUTE 1 2014

2767 OVERTON, MATTHEW

US ROUTE 1

2000

2777 LANGLEY TRANSPORTATION

US ROUTE 1

1995

639 JOHNSON AUTO SALES

US ROUTE 1 1987

● RTE 1

19047

Langhorne PO

CT1008.02 \$B..B47

CT1009 \$B..G48

CT1011 \$C..B47

— WOODBOURNE RD

★ Langhorne Auto Gal . .80 547-6100

194★ Car Shop Auto82 946-0883

2400★ Lincoln Plaza Mall

★ Chespe By Seafood . .79 752-2005

★ Cntrl Penn Ntl Bnk . .82 752-6215

★ La-Z-Boy Shwcs Shp . - 750-0180

★ Meridian Bank □ 752-6215

★ Nutri-Systems83 750-0900

★ Radio Shack75 757-7740

★ Space Port75 752-0181

★ St Liquor Control . .74 752-2661

★ T J Maxx84 752-1222

★ Three Bros Pizza . .85 757-6020

101★ Acme Market Inc . . - 757-9889

400★ Mr How Warehouse . .85 757-0877

NO #★ Affordable Use C . .84 752-3000

NO #★ Bob Yates Autos . .71 752-3000

NO #★ Cottman Trnsmn Ctr .82 757-3770

US ROUTE 1 1972

ROUTE 1 LANGHORNE LANGHRN

.....

..... 19047

.. WOODBOURNE RD ..

*GIRARD BANK 9493535

*THOM MCAN SHOE STR 9459863

1318*GREEN LINCLN-MRCRY 9434400

*GREEN LINCLN-MRCRY-NE20700

NO **AMMCO AUTO TRANS 9451300

NO **AMMCO AUTO TRANS 9434000

NO **BOB YATES AUTOS -9432300

S.R. 0001 - RC3 South Section

SR 0001

Langhorne, PA 19047

Inquiry Number: 6388199.5

March 23, 2021

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

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

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

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>
2017	☐	☒	EDR Digital Archive
2014	☒	☒	EDR Digital Archive
2010	☐	☒	EDR Digital Archive
2005	☐	☒	EDR Digital Archive
2000	☒	☒	EDR Digital Archive
1995	☒	☒	EDR Digital Archive
1992	☐	☒	EDR Digital Archive
1987	☒	☒	Cole Criss-Cross Directory
1982	☐	☒	Cole Criss-Cross Directory
1976	☐	☒	Cole Criss-Cross Directory
1972	☒	☐	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

SR 0001
Langhorne, PA 19047

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

US ROUTE 1

2017	-	EDR Digital Archive	Street not listed in Source
2014	pg A3	EDR Digital Archive	
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	pg A7	EDR Digital Archive	
1995	pg A9	EDR Digital Archive	
1992	-	EDR Digital Archive	Street not listed in Source
1987	pg A12	Cole Criss-Cross Directory	
1982	-	Cole Criss-Cross Directory	Target and Adjoining not listed in Source
1976	-	Cole Criss-Cross Directory	Target and Adjoining not listed in Source
1972	pg A15	Cole Criss-Cross Directory	

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

SUPER HWY

2017	pg. A1	EDR Digital Archive
2014	pg. A2	EDR Digital Archive
2010	pg. A4	EDR Digital Archive
2005	pg. A5	EDR Digital Archive
2000	pg. A6	EDR Digital Archive
1995	pg. A8	EDR Digital Archive
1992	pg. A10	EDR Digital Archive
1987	pg. A11	Cole Criss-Cross Directory
1982	pg. A13	Cole Criss-Cross Directory
1976	pg. A14	Cole Criss-Cross Directory
1972	-	Cole Criss-Cross Directory

Street not listed in Source

City Directory Images

SUPER HWY 2017

1215	OUR LADY OF GRACE CEMETERY
1420	SCHWARTZ, PETER R
1524	ROKOWSKI, PAUL
1538	MCSHANE, EDWARD J
1554	MARTIN, JOSEPH T
1628	PARADISSIS, TAMARA
1648	MAIER, JAMES W
1700	BOND, MARIE A
1718	HARKLEROAD, JIMMIE
1868	LANGHORNE STONE COMPANY

SUPER HWY 2014

1420	SCHWARTZ, PETER R
1524	ROKOWSKI, PAUL
1538	MCSHANE, EDWARD J
1554	MARTIN, JOSEPH T
1612	OCCUPANT UNKNOWN,
1628	PARADISSIS, TAMARA
1648	MAIER, JAMES W
1700	BOND, MARIE A
1718	HARKLEROAD, JIMMIE
1732	GRIFFITH ELECTRIC SUPPLY CO
1868	DELAWARE QUARRIES INC
	LANGHORNE STONE COMPANY

US ROUTE 1 2014

2767 OVERTON, MATTHEW

SUPER HWY 2010

1215	OUR LADY OF GRACE CEMETERY
1420	SCHWARTZ, PETER R
1524	ROKOWSKI, PAUL
1538	MCSHANE, EDWARD J
1554	MARTIN, JOSEPH T
1648	MAIER, JAMES W
1700	BOND, MARIE A
1718	HARKLEROAD, JIMMIE
1732	LANGHORNE SPEED SHOP INC
1868	LANGHORNE STONE CO

SUPER HWY 2005

1215	OUR LADY OF GRACE CEMETERY
1524	ROKOWSKI, PAUL
1554	MARTIN, JOSEPH T
1612	CARLSTEDT, WARREN W
1628	PAZIORA, JOSEPH M
1648	MAIER, JAMES W
1700	BOND, MARIE A
1718	HARKLEROAD, JIMMIE
1732	LANGHORNE SPEED SHOP INC
1868	DELAWARE QUARRIES INC
	LANGHORNE STONE CO

SUPER HWY 2000

1215	OUR LADY OF GRACE CEMETERY
1524	ROKOWSKI, SANDRA M
1554	MARTIN, ELAINE
1612	DALTON, A M
1628	PAZIORA, JOSEPH
1648	MAIER, JAMES W
1700	BOND, MARIE
1718	HARKLEROAD, JIMMIE
1732	LANGHORNE SPEED SHOP INCORPORATED
1868	DELAWARE QUARRIES INCORPORATED
	LANGHORNE STONE COMPANY

US ROUTE 1

2000

2777 LANGLEY TRANSPORTATION

SUPER HWY 1995

1215	OUR LADY OF GRACE CEMETERY
1524	ROKOWSKI, PAUL
1538	MCSHANE, EDWARD J
1554	MARTIN, ELAINE
1612	DALTON, ANNE M
1628	PAZIORA, JOSEPH
1648	MAIER, JAMES W
1700	BOND, MARIE
1718	HARKLEROAD, JIMMIE
1732	LANGHORNE SPEED SH
	LANGHORNE SPEED SHOP INC
1868	LANGHORNE STONE CO

US ROUTE 1

1995

639 JOHNSON AUTO SALES

SUPER HWY 1992

1215	OUR LADY CEMETRY
1524	ROKOWSKI, PAUL
1554	MARTIN, ELAINE
1612	DALTON, JOHN B
1628	PAZIORA, JOSEPH
1648	MAIER, JAMES W
1700	BOND, CARREL E
1718	HARKLEROAD, JIMMIE
1732	LANGHORNE SPEED SH
1868	LANGHORNE STONE CO
2707	EMANUEL, LOLITA T
	LAL, MOHAN
	VENIEGES, ALEX

SUPER HWY 1987

● SUPER HWY

19047

Langhorne PO

1200- 1899 CT1009

\$B..G48

1215★ Our Lady Cemetry . . . 752-3244

1554 Elaine Martin . . . 85 757-2180

1612 Fred J Dalton . . . 81 757-0157

John B Dalton . . . 70 757-2897

1628 Joseph Paziora . . . 71 757-9342

1648 William H Wildgust . . . 80 757-7640

1700 Carrel E Bond . . . 73 757-0693

1718 Jimmie Harkleroad . . . 69 757-4614

1732★ Langhorne Speed Sh . 757-4406

★ Langhorne Speed Sh . 757-8866

1868★ Langhorne Stone Co . 80 757-2208

NO #★ Rollin Serv Statn . . . 757-9184

7 RESIDENCE

5 BUSINESS

US ROUTE 1 1987

● RTE 1

19047

Langhorne PO

CT1008.02 \$B..B47

CT1009 \$B..G48

CT1011 \$C..B47

■ WOODBOURNE RD

★ Langhorne Auto Gal . . .80 547-6100

194★ Car Shop Auto . . .82 946-0883

2400★ Lincoln Plaza Mall

★ Chespe By Seafood . .79 752-2005

★ Cntrl Penn Ntl Bnk . .82 752-6215

★ La-Z-Boy Shwcs Shp . - 750-0180

★ Meridian Bank □ 752-6215

★ Nutri-Systems83 750-0900

★ Radio Shack75 757-7740

★ Space Port75 752-0181

★ St Liquor Control . . .74 752-2661

★ T J Maxx84 752-1222

★ Three Bros Pizza . . .85 757-6020

101★ Acme Market Inc . . . - 757-9889

400★ Mr How Warehouse . .85 757-0877

NO #★ Affordable Use C . . .84 752-3000

NO #★ Bob Yates Autos . . .71 752-3000

SUPER HWY 1982

SUPER HWY

LANGHRN

..... 19047

1600- 1899 TZ1009 SC..E16

261350

1612 Fred J Dalton 757-0157

Fred J Dalton 757-9065

John B Dalton 757-2897

1628 Joseph Paziora 71 757-9342

1648 William H Wildgust 80 757-7640

1700 Carrel E Bond 73 757-0693

1718 Jimmie Harkleroad 69 757-4614

1732★Langhorne Speed Sh ... 757-4406

★Langhorne Speed Sh ... 757-8866

1868★Langhorne Stone Co ... 757-2208

No #★Our Ldy Grce Cmtry ... 757-9153

No #★Rollin Serv Statn 757-9184

7 Residence

5 Business

SUPER HWY 1976

SUPER HWY

LANGHRN

Oakford



19047

4508★Oakford Inn.....

752-5863

1 BUSINESS

US ROUTE 1 1972

ROUTE 1 LANGHORNE LANGHRN

.....

..... 19047

.. WOODBOURNE RD ..

*GIRARD BANK 9493535

*THOM MCAN SHOE STR 9459863

1318*GREEN LINCLN-MRCRY 9434400

*GREEN LINCLN-MRCRY-NE20700

NO **AMMCO AUTO TRANS 9451300

NO **AMMCO AUTO TRANS 9434000

NO **BOB YATES AUTOS -9432300

APPENDIX G:
Site Photographs

NORTHBOUND



Photo 1: Delaware Quarries Langhorne Stone property at beginning of AOI along northbound side of SR 0001, facing north.



Photo 2: Service (frontage) road shoulder and slope leading down to the Delaware Quarries Langhorne Stone property, facing north.



Photo 3: Stormwater grate in the middle of the wooded area along W Highland Avenue between the Delaware Quarries Langhorne Stone property and Park Avenue.



Photo 4: Telecommunications box on the corner of Highland Avenue and Buchanan Drive, facing east.



Photo 5: Flooring Doctor at the corner of Park Avenue and the service (frontage) road, facing northeast.



Photo 6: The service (frontage) road shoulder from Timber Lane, facing south.



Photo 7: Looking at SR 0001 from Fee Avenue, facing north.



Photo 8: One pole-mounted transformer and a pole-mounted electric box along edge of project area, facing south.



Photo 9: Area along North Street, parallel to the service (frontage) road, where there is a proposed ramp, facing northeast.



Photo 10: Hulmeville Road approach to the service (frontage) road, facing south.



Photo 11: Dry stream channel with general litter throughout between Hulmeville Road and West Interchange Road, facing northwest.



Photo 12: Culvert and stream running under SR 0001 parallel to West Interchange Road, facing northwest.



Photo 13: Eastern shoulder of West Interchange Road, facing northwest.



Photo 14: Stream channel on the southeast side of SR 0001, taken from SR 0001, facing southeast.



Photo 15: Frontage Road shoulder (NB) immediately above the Stream, facing northeast.



Photo 16: Entrance to the service (frontage) road from Hulmeville Avenue, facing southwest.



Photo 17: Looking at SR 0001 from Hill Avenue, facing northwest.



Photo 18: Approximately 12 feet by 3-foot mound of fill material about 2 feet high on the Woods School Property near Pine Street.



Photo 19: Fenced in electrical substation on Woods School Property, facing southwest.



Photo 20: Generators in electrical substation area and eight 5-gallon buckets containing 15W-40 oil.



Photo 21: Gas regulator within fenced-in electrical substation area, facing west.



Photo 22: Transformer on the ground next to the fence on the Woods School Property, facing north.



Photo 23: Storage containers and equipment on the Woods School Property, facing northwest.



Photo 24: Plastic portable diesel fuel tank on the Woods School Property, facing northwest.

SOUTHBOUND



Photo 25: Maintained right-of-way between SR 0001 and the Woods School Property, facing northeast.



Photo 26: Southbound shoulder of SR 0001, facing northeast.



Photo 27: Parking lot across the street from the Langhorne Presbyterian Church, facing north.



Photo 28: Structure on property adjacent to the parking lot in Photograph 27, facing south.



Photo 29: Forested area behind the structure in Photograph 28, facing northwest.



Photo 30: Fallen brick and cinder block structure in forested area behind the structure in Photograph 28, facing south.



Photo 31: Property adjacent to the Langhorne Presbyterian Church located at 144 E Gillam Avenue, facing south.



Photo 32: Picernos Conoco gas station and curb within the AOI along SR 0001, located at 452 S Bellevue Avenue, facing southwest.



Photo 33: Monitoring well on Picernos Conoco gas station property. The wells were located outside of the AOI.



Photo 34: Enclosed propane tanks on Picernos Conoco gas station property, facing north. The propane tanks were outside of the AOI.



Photo 35: Station Avenue entryway to Frontage Road on the southbound side, facing west.



Photo 36: West Interchange Road overpass, facing east.



Photo 37: Stream on the west side of and under SR 0001, facing northwest.



Photo 38: Corner of Hulmeville Road and the service (frontage) road, facing east.



Photo 39: Service (frontage) road along Our Lady of Grace Cemetery, facing west.



Photo 40: Open field adjacent to Our Lady of Grace Cemetery, facing west.



Photo 41: 55-gallon metal drum on the property located at 1812 Highland Avenue, facing southwest.



Photo 42: 1812 Highland Avenue residence and propane tank in the front of the house, facing south. The residence and the tank are located outside of the proposed limit of disturbance.



Photo 43: Intersection of Highland Avenue and Old Lincoln Highway, facing northwest.



Photo 44: Bucks County Water and Sewer Authority (BCWSA) tanks, facing southeast. The BCWSA property is adjacent, but outside of the AOI.



Photo 45: Old Lincoln Highway and school zone signal, facing north.



Photo 46: Signalized intersection of Old Lincoln Highway and Fairhill Avenue, facing northeast.



Photo 47: BCWSA substation along Old Lincoln Highway, facing northwest.

142 CENTRAL AVENUE



Photo 48: Front yard, driveway, and garage of residence at 142 Central Avenue.

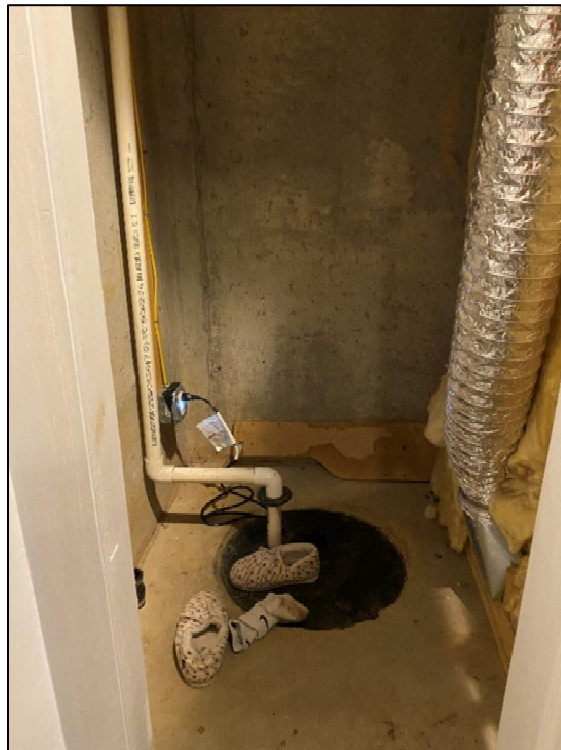


Photo 49: Sump pump in the basement of the residence.



Photo 50: HVAC equipment in the basement of the residence.



Photo 51: Lawn mower, oil containers, paint cans, etc. in the garage attached to the residence.



Photo 52: Maintained backyard and shed, facing northeast.



Photo 53: Contents of the shed in the backyard.



Photo 54: Propane tank on concrete pad for the inside fireplace located on the east side of the residence.



Photo 55: Wooded backyard area, facing south.



Photo 56: Stormwater drain in the backyard of the residence, facing northwest.



Photo 57: Sump pump drainpipe in front yard of the residence.

140 CENTRAL AVENUE RESIDENCE



Photo 58: The back patio of the 140 Central Avenue residence, facing west.



Photo 59: Backyard and garage, facing southwest.



Photo 60: Front yard and driveway, facing south.

514 S PINE STREET



Photo 61: Side of residence along Central Avenue and stormwater drains, facing northeast.



Photo 62: Generac generator on the side of the house and propane tanks in the front of the house, facing west.



Photo 63: Vent pipe in front yard, likely associated with BCWSA sewer at end of Central Avenue.



Photo 64: Stream running along S Pine Street in the front of the residence, facing northwest.

141 CENTRAL AVENUE



Photo 65: Water heater and furnace in the basement of the residence at 141 Central Avenue.



Photo 66: Sump pump located in the basement of the residence.



Photo 67: Attached garage and its contents including oil containers, paint cans, and other miscellaneous items.



Photo 68: Cleaning supplies and other fluids in the garage.



Photo 69: Backyard of residence, facing east.



Photo 70: Continuation of property to the west, facing northwest.

136 CENTRAL AVENUE



Photo 71: Residence and driveway at 136 Central Avenue and neighboring property called Foster Mower, facing south.



Photo 72: Shed in the backyard of the property, facing east.

143 CENTRAL AVENUE



Photo 73: 143 Central Avenue residence, driveway, and garage, facing north.



Photo 74: Resident's backyard, facing northeast.



Photo 75: Propane tank in backyard of residence, likely used for indoor fireplace.

500 S BELLEVUE AVENUE



Photo 76: House and garage located at 500 S Bellevue Avenue, facing east.



Photo 77: Maintained backyard along the service (frontage) road, facing west.

CENTRAL AVENUE



Photo 78: BCWSA substation at the east end of Central Avenue, facing northeast.



Photo 79: Electric substation at the east end of Central Avenue, facing northeast.

APPENDIX H:
PADEP File Review Receipts

*** FILE SUBJECT INFORMATION ***

MOBIL OIL 16-GVC
3610 BRISTOL RD
CORNWELL HEIGHTS, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 2915

*** FILE FOLDER INFORMATION

FILE ID#: 54963
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0016918
PERMIT#: 09-41493
RETENTION/RANGE/DIST: 1997-1997
FILE TYPE: H - HARDCOPY

FILE ID#: 10189
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0017116
PERMIT#: 09-41493
RETENTION/RANGE/DIST: 1989-1993
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

FAST TRACK TRADING
3585 BRISTOL RD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 282620

XREF: BENSALEM AUTO CARE

XREF: FRED'S TEXACO

*** FILE FOLDER INFORMATION

FILE ID#: 654810
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0111656
PERMIT#: 09-42610
RETENTION/RANGE/DIST: 1990-2004
FILE TYPE: H - HARDCOPY

FILE ID#: 712434
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0116603
PERMIT#: 09-42610
RETENTION/RANGE/DIST: 2011-
FILE TYPE: H - HARDCOPY

FILE ID#: 654812
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0111658
PERMIT#: 09-42610
RETENTION/RANGE/DIST: 2008-2010
FILE TYPE: H - HARDCOPY

FILE ID#: 654811
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0111657
PERMIT#: 09-42610
RETENTION/RANGE/DIST: 2005-2007
FILE TYPE: H - HARDCOPY

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

FREDS TEXACO
3585 BRISTOL RD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 574

XREF: FREDS GULF

*** FILE FOLDER INFORMATION ***

FILE ID#: 492270
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE:

BARCODE#: 0037224
PERMIT#:
RETENTION/RANGE/DIST: 2003-
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

FREDS TEXACO
3585 BRISTOL RD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 234982

*** FILE FOLDER INFORMATION

FILE ID#: 510045
PROGRAM: WQ - WATER QUALITY
BRKDOWN: 011 - IND WASTE
TYPE: 120 - NPDES

BARCODE#: 0117537
PERMIT#: PAG050057
RETENTION/RANGE/DIST: 2004-2009
FILE TYPE: M - MICROFICHE

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

BENSALEM YOUTH DEV CTR
3701 OLD TREVOSE RD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 608

XREF: PENNSYLVANIA DPW EASTERN YOUTH

*** FILE FOLDER INFORMATION ***

FILE ID#: 7992
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#:
PERMIT#: 09-04378
RETENTION/RANGE/DIST: 1989-1997
FILE TYPE: E - ELECTRONIC

*** FILE SUBJECT INFORMATION ***

BENSALEM YOUTH DEVELOPMENT
3701 OLD TREVOSE ROAD
BENSALEM, . 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 20479

*** FILE FOLDER INFORMATION

FILE ID#: 33422
PROGRAM: RP - RADIATION PROTECTION
BRKDOWN: 032 - DENTIST
TYPE: 181 - 01

BARCODE#: 0039934
PERMIT#: 01-13639
RETENTION/RANGE/DIST: 1988-1999
FILE TYPE: M - MICROFICHE

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

CORNWELLS HEIGHTS YOUTH DEV
3701 OLD TREVOSE RD
CORNWELL HEIGHTS, PA.
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 13006

*** FILE FOLDER INFORMATION

FILE ID#: 17460
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE:

BARCODE#: 0102500
PERMIT#:
RETENTION/RANGE/DIST: 1974
FILE TYPE: M - MICROFICHE

DATE: 06-23-2021

**RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION**

PAGE: 1 **OF** 1

*** FILE SUBJECT INFORMATION ***

SEARS ROEBUCK & CO
100 NESHAMINY MALL
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 624

*** FILE FOLDER INFORMATION

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

SEARS ROEBUCK AND CO
100 NESHAMINY MALL
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 37703

*** FILE FOLDER INFORMATION

FILE ID#: 55023
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#:
PERMIT#: 09-31373
RETENTION/RANGE/DIST: 1989-1997
FILE TYPE: E - ELECTRONIC

*** FILE SUBJECT INFORMATION ***

KALTZ MITCHELL E DMD
4201 NESHAMINY BLVD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 23547

*** FILE FOLDER INFORMATION

FILE ID#: 30096
PROGRAM: RP - RADIATION PROTECTION
BRKDOWN: 032 - DENTIST
TYPE: 181 - 01

BARCODE#: 0054351
PERMIT#: 01-14462
RETENTION/RANGE/DIST: 2016 1992-2010
FILE TYPE: H - HARDCOPY

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

PRECIOUS SMILES INC
4201 NESHAMINY BLVD
STE 117
BENSALEM, PA. 19020-1620
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 291796

*** FILE FOLDER INFORMATION

FILE ID#: 676983
PROGRAM: RP - RADIATION PROTECTION
BRKDOWN: 032 - DENTIST
TYPE:

BARCODE#: 0109198
PERMIT#: 01-16733
RETENTION/RANGE/DIST: 2010-
FILE TYPE: H - HARDCOPY

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

COMCAST TREVOSE HORIZON BLVD
3800 HORIZON BLVD
FEASTERVILLE, PA. 19053
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 380856

*** FILE FOLDER INFORMATION

FILE ID#: 890834
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0067236
PERMIT#: 09-55179
RETENTION/RANGE/DIST: 2018-
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

YDC TRACT SUBDIV
ROCKHILL DR & NESHAMINY BLVD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 236515

*** FILE FOLDER INFORMATION

FILE ID#: 514171
PROGRAM: WQ - WATER QUALITY
BRKDOWN: 026 - SEWAGE
TYPE: 338 - PLANNING MODULES

BARCODE#: 0039495
PERMIT#: 1-09004-233-3J
RETENTION/RANGE/DIST: 2006 2004
FILE TYPE: M - MICROFICHE

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

NESHAMINY MALL FUTURE BOSCOVS STORE
200 NESHAMINY BLVD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 12789

XREF: BON TON POMEROYS

*** FILE FOLDER INFORMATION ***

FILE ID#: 19457
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0000846
PERMIT#: 09-43500
RETENTION/RANGE/DIST: 1990-
FILE TYPE: H - HARDCOPY

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

C P SUNOCO
3340 BRISTOL RD
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 554

*** FILE FOLDER INFORMATION

FILE ID#: 18764
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0051370
PERMIT#: 09-19042
RETENTION/RANGE/DIST: 1989-
FILE TYPE: H - HARDCOPY

DATE: 06-23-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

AQUA PA INC NESHAMINY WATER TREATMENT FAC
760 LANCASTER AVE
BRYN MAWR, .
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 240488

*** FILE FOLDER INFORMATION

FILE ID#: 525959
PROGRAM: WM - WASTE MGMT
BRKDOWN: 007 - FACILITIES
TYPE: 545 - FORM 26R

BARCODE#: 0032717
PERMIT#: PARW00000152
RETENTION/RANGE/DIST: 2013-
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

NESHAMINY SCH DIST
2001 OLD LINCOLN HWY
LANGHORNE, PA. 19047
09 - BUCKS 927 - LANGHORNE BORO

SBJ ID# 12933

*** FILE FOLDER INFORMATION

FILE ID#: 552075
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE: 058 - CONFIDENTIAL

BARCODE#: 0063742
PERMIT#:
RETENTION/RANGE/DIST: 2000-
FILE TYPE: H - HARDCOPY

FILE ID#: 354740
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE: 058 - CONFIDENTIAL

BARCODE#: 0039370
PERMIT#:
RETENTION/RANGE/DIST: 1998-2000
FILE TYPE: M - MICROFICHE

FILE ID#: 552077
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE:

BARCODE#: 0051636
PERMIT#:
RETENTION/RANGE/DIST: 2000-
FILE TYPE: H - HARDCOPY

FILE ID#: 9400
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE:

BARCODE#: 0039369
PERMIT#:
RETENTION/RANGE/DIST: 1970-1991
FILE TYPE: M - MICROFICHE

FILE ID#: 236011
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 018 - PERMIT
TYPE: 702 - SYNTHETIC MINOR

BARCODE#: 0039371
PERMIT#: SMOP-09-00086
RETENTION/RANGE/DIST: 1998-1999
FILE TYPE: M - MICROFICHE

FILE ID#: 552078
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 018 - PERMIT
TYPE: 702 - SYNTHETIC MINOR

BARCODE#: 0082713
PERMIT#: 09-00086
RETENTION/RANGE/DIST: 2001-
FILE TYPE: H - HARDCOPY

FILE ID#: 622426
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 087 - COMPLIANCE HISTORY
TYPE:

BARCODE#: 0066395
PERMIT#:
RETENTION/RANGE/DIST: 2008-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

NESHAMINY SD-NESHAMINY HS
2001 OLD LINCOLN HWY
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 4924

*** FILE FOLDER INFORMATION

FILE ID#: 9374
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0028827
PERMIT#: 09-15159
RETENTION/RANGE/DIST: 1989-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

PUMP STA 4A
2002 W OLD LINCOLN HWY
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 39124

XREF: BUCKS CNTY WATER & SEW AUTH

*** FILE FOLDER INFORMATION ***

FILE ID#: 58671
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0006644
PERMIT#: 09-31135
RETENTION/RANGE/DIST: 1989-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

LANGHORNE STONE QUARRY
1868 WEST SUPER HIGHWAY
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 169457

XREF: DELAWARE QUARRIES

*** FILE FOLDER INFORMATION ***

FILE ID#: 370207
PROGRAM: AQ - AIR QUALITY
BRKDOWN: 006 - ENFORCE
TYPE:

BARCODE#: 0083331
PERMIT#:
RETENTION/RANGE/DIST: 1999-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

MEDICAL CENTER AT WOODS SVCS
40 MARTIN GROSS DR
LANGHORNE, PA. 19047
09 - BUCKS 927 - LANGHORNE BORO

SBJ ID# 388992

*** FILE FOLDER INFORMATION

FILE ID#: 911222
PROGRAM: RP - RADIATION PROTECTION
BRKDOWN: 039 - PRIVPRAC
TYPE: 727 - MEDICAL DOCTOR

BARCODE#: 0135559
PERMIT#: 02-31633
RETENTION/RANGE/DIST: 2018-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

ARTCRAFT MACHINE CO
1115 W GILLAM AVE
LANGHORNE, PA. 19047
09 - BUCKS 927 - LANGHORNE BORO

SBJ ID# 309776

*** FILE FOLDER INFORMATION

FILE ID#: 717198
PROGRAM: WM - WASTE MGMT
BRKDOWN: 007 - FACILITIES
TYPE: 543 - INSP RPT/NOV

BARCODE#: 0116289
PERMIT#: PAD981113947
RETENTION/RANGE/DIST: 2011-
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

PICERNOS GAS
452 S BELLEVUE AVE
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 4952

XREF: EXXON RS 2 3698

XREF: ONBASE

XREF: ROLLINS ENTERPRISE INC

*** FILE FOLDER INFORMATION

FILE ID#: 15508
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#:
PERMIT#: 09-06768
RETENTION/RANGE/DIST: 1991-1995
FILE TYPE: E - ELECTRONIC

FILE ID#: 542352
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0064848
PERMIT#: 09-06768
RETENTION/RANGE/DIST: 2005-
FILE TYPE: E - ELECTRONIC

FILE ID#: 256294
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#:
PERMIT#: 09-06768
RETENTION/RANGE/DIST: 1996-2004
FILE TYPE: E - ELECTRONIC

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

335 SOUTH BELLEVUE AVENUE
335 S BELLEVUE AVE
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 312090

XREF: EFACTS# 751475

*** FILE FOLDER INFORMATION ***

FILE ID#: 724657
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 046 - SPCL PROJ REMED
TYPE:

BARCODE#: 0118967
PERMIT#:
RETENTION/RANGE/DIST: 2012-
FILE TYPE: H - HARDCOPY

*** FILE SUBJECT INFORMATION ***

MOBIL OIL 15 DAK
2250 LINCOLN HWY
TREVOSSE, PA. 19047
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 2917

XREF: 09-38108 WAWA FOOD MKT 277

*** FILE FOLDER INFORMATION

FILE ID#: 437282
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0067513
PERMIT#: 09-43611
RETENTION/RANGE/DIST: 1997-2002
FILE TYPE: H - HARDCOPY

FILE ID#: 10149
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0016902
PERMIT#: 09-43611
RETENTION/RANGE/DIST: 1989-1996
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

WAWA 277
2250 LINCOLN HWY
BENSALEM, PA. 19020
09 - BUCKS 004 - BENSALEM TWP

SBJ ID# 203413

XREF: 09-43611 MOBIL OIL 15 DAK

*** FILE FOLDER INFORMATION ***

FILE ID#: 436130
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0069666
PERMIT#: 09-38108
RETENTION/RANGE/DIST: 2001-
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

GIMPEL DEVELOPMENT
1872 E OLD LINCOLN HWY
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 17078

*** FILE FOLDER INFORMATION

FILE ID#: 21872
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0020276
PERMIT#: 09-45614
RETENTION/RANGE/DIST: 1992-1996
FILE TYPE: H - HARDCOPY

DATE: 05-21-2021

RECORDS MANAGEMENT SYSTEM
INDIVIDUAL SUBJECT FILE INFORMATION

PAGE: 1 OF 1

*** FILE SUBJECT INFORMATION ***

PUMP STA 4A
2002 W OLD LINCOLN HWY
LANGHORNE, PA. 19047
09 - BUCKS 003 - MIDDLETOWN TWP

SBJ ID# 39124

XREF: BUCKS CNTY WATER & SEW AUTH

*** FILE FOLDER INFORMATION ***

FILE ID#: 58671
PROGRAM: ECP - ENV CLEANUP PROG
BRKDOWN: 029 - UST
TYPE:

BARCODE#: 0006644
PERMIT#: 09-31135
RETENTION/RANGE/DIST: 1989-
FILE TYPE: H - HARDCOPY

APPENDIX I:
Property Owner Coordination and Questionnaires

SR 0001 (Lincoln Highway) RC3 Mainline - Interview Tracking Sheet

Property/Person	Address	Contact Info	Date(s) Contacted	Comments
Langhorne Stone Company - Delaware Quarries - Jeff Diorio	1868 Super Highway	800-448-STONE	In-person: 6/22/2021 Phone: 6/28/2021	Spoke with Jeff in-person during site recon; made follow up phone call and left my contact info to get a return phone call
Langhorne Presbyterian Church	125 E Gillam Avenue	215-752-3200	6/28/2021	Spoke with secretary and left contact info; was told I would receive a return call from someone who could provide more info --- received return phone call from Kevin Skeels on July 9, 2021.
Woods School - Maintenance - Denise	40 Martin Gross Drive	215-750-4000	6/28/2021	Spoke with maintenance employee Denise; she said the only thing she was told to note was the sewer line that runs through campus underground. Inquired about fuel tank for buses; said she was unsure if the tank was an AST or UST
Picernos Conoco Gas Station - Ana Picerno	452 S Bellevue Ave	215-702-7200	In-person: 6/23/2021 Phone: 6/28/2021	Spoke with Ana Picerno during site recon; said her husband owns and knows more about the property. Said monitoring wells on-site are for precautionary measure and no spills or incidents occurred. Follow up phone call was made, no response
Paul Shanahan	501 & 507 S Bellevue Ave	---	In-person: 7/7/2021	Spoke with Mr. Shanahan outside property he owns - owns a few properties on that corner including Rollins Enterprises
Madhumalti Mawal Dewan	141 Central Ave	---	In-person: 7/7/2021	Spoke with Ms. Dewan and investigated interior and exterior of property
Ronald Kerr	140 Central Ave	---	In-person: 7/7/2021	Spoke with Mr. Kerr outside of home; would not grant us access into residence
Mary Wilcox	143 Central Ave	215-460-5405	In-person: 7/7/2021	Spoke with Ms. Wilcox at door-step; answered a few questions but would not grant access into residence
Jeffrey & Michelle Orleski	136 Central Ave	267-614-2749 morleski@verizon.net	Sent Questionnaire	Received questionnaire with responses
Margaret Einkenel (Erica Bose - daughter)	514 South Pine Street	484-343-4728 ericambose@gmail.com	Sent Questionnaire	Received questionnaire with responses
Stephanie Teoli Kuhls - Middletown Township Manager	3 Municipal Way	215-750-3800	Emailed questionnaire and project location map	Have not received response to date
James McGuire - Middletown Township Fire Chief and Emergency Manager	3 Municipal Way	215-750-3812	Emailed questionnaire and project location map	Have not received response to date

PHASE I ESA PROPERTY OWNER/OPERATOR QUESTIONNAIRE

Property Name/Address: 514 South Pine Street, Langhorne, PA. 19047

Property Owner: Margaret Eienkel

Respondent Name: Erica Bose

Respondent Relationship to Property/Title: Daughter of Margaret Eienkel

Respondent Contact Information: ericambose@gmail.com 484 343 4728

1. What are the primary **current uses** of the property? *Private residence*
2. What are the **historical uses** of the property? *Private residence*
3. Has **fill** been brought onto the property? *Not sure.*
If yes, what was the source of the fill?
4. What is the source of **water** for the property? If it's a well, where on the property is it located, how deep? *Public water*
5. Are there any existing or historical **septic tanks or drains** to subsurface soils located on the property? *Currently it uses public sewer. Not sure if anything else was ever used in the past.*

Environmental Concerns

6. Are there currently, or have there been in the past, any **storage tanks (aboveground or underground), storage drums, raw material storage piles, or chemical containers** located on the property? ***Not that I am aware of.***

Please provide information on size, contents, aboveground/underground

Have any tanks/containers/storage piles been **removed**?

Are there **closure reports** available?

7. Are there currently, or have there been, any old **automotive or industrial batteries, herbicides, pesticides, paints or other chemicals** in individual containers of greater than 5 gallons in volume (or 50 gallons in aggregate) stored, used, or buried on the property? ***Not that I am aware of.***
8. Are there currently, or have there been in the past, any **pits, ponds, or lagoons** located on the property in connection with waste treatment, storage, or waste disposal? ***No***
9. Is there a **transformer, capacitor, or any hydraulic equipment** located on the property? ***No***
10. Are there any records indicating the presence of **PCBs or asbestos**-containing substances? ***No***

Interview Date:

11. Are there currently, or have there been in the past, any **unusual or foul odors** on the property? **No**

12. Do you have any knowledge of **environmental violations, environmental liens, or governmental notifications** relating to past or recurrent violations of environmental laws; or past, pending, or threatened lawsuits with respect to the property or any facility located on the property? **No**

13. Are there any other materials or facilities located on your property or any adjacent properties that are not mentioned in this questionnaire which might be a source(s) of environmental concern(s)?
Not that I am aware of.

PHASE I ESA PROPERTY OWNER/OPERATOR QUESTIONNAIRE

Property Name/Address: 136 Central Avenue Langhorne, PA 19047

Property Owner: Jeffrey & Michelle Orleski

Respondent Name: Michelle Orleski

Respondent Relationship to Property/Title: Owner

Respondent Contact Information: 267-614-2749/morleski@verizon.net

1. What are the primary **current uses** of the property? *residential*
2. What are the **historical uses** of the property? *residential*
3. Has **fill** been brought onto the property? *No*
If yes, what was the source of the fill?
4. What is the source of **water** for the property? If it's a well, where on the property is it located, how deep? *public water with Bucks County Water and Sewer Authority*
5. Are there any existing or historical **septic tanks or drains** to subsurface soils located on the property? *No septic tanks but there are 2 sump pumps in the basement that go to the yard*

Environmental Concerns

6. Are there currently, or have there been in the past, any **storage tanks (aboveground or underground), storage drums, raw material storage piles, or chemical containers** located on the property?

Please provide information on size, contents, aboveground/underground

There are two oil tanks in the basement as oil is our source of heat – they are 100-125 each I believe.

Have any tanks/containers/storage piles been **removed**? ***Not that I am aware of***

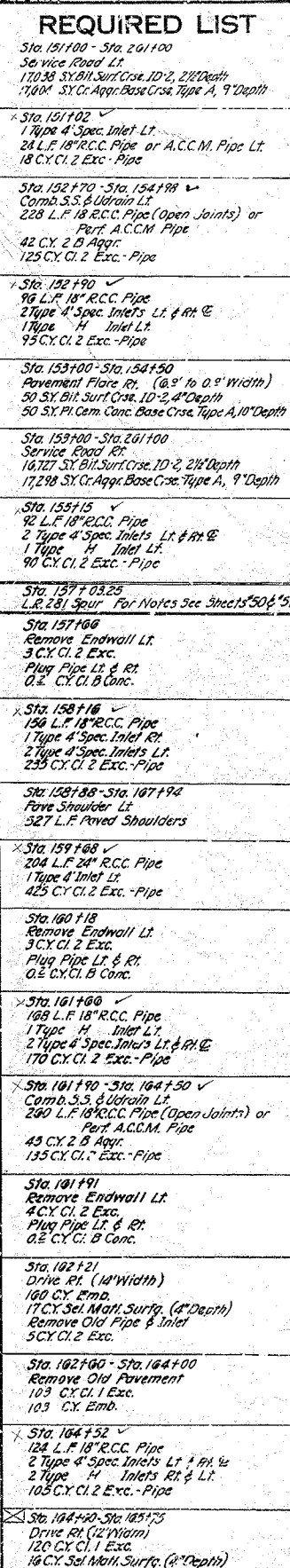
Are there **closure reports** available?

7. Are there currently, or have there been, any old **automotive or industrial batteries, herbicides, pesticides, paints or other chemicals** in individual containers of greater than 5 gallons in volume (or 50 gallons in aggregate) stored, used, or buried on the property? ***No***
8. Are there currently, or have there been in the past, any **pits, ponds, or lagoons** located on the property in connection with waste treatment, storage, or waste disposal? ***No***
9. Is there a **transformer, capacitor, or any hydraulic equipment** located on the property? ***No***
10. Are there any records indicating the presence of **PCBs or asbestos**-containing substances? ***No***
11. Are there currently, or have there been in the past, any **unusual or foul odors** on the property? ***No***

Interview Date:

12. Do you have any knowledge of **environmental violations, environmental liens, or governmental notifications** relating to past or recurrent violations of environmental laws; or past, pending, or threatened lawsuits with respect to the property or any facility located on the property? **No**
13. Are there any other materials or facilities located on your property or any adjacent properties that are not mentioned in this questionnaire which might be a source(s) of environmental concern(s)?
Not that I am aware of.

APPENDIX J:
As-Built Plans



LINE 110
Cut in Near Corner of Cone Scales
75.5 Rt. Sta. 168+42
Elev. 175.50

(See Sheet #51)

NESHAMINY CONSOLIDATED SCHOOLS

Legal Right of Way Line
EMIL D. & LATILLA WELKE

Legal Right of Way Line
JOHN H. & MARIE SZEIGLER

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	BUCKS	281 PAR.	12-A	20 of 68
MIDDLETOWN TWP.				

REQUIRED LIST

- Sta. 165+50 - Sta. 166+60
Remove Old Pavement
75 C.Y. Cl. 1 Exc.
75 C.Y. Emb.
- Sta. 166+45 - Sta. 167+40
Drive Rt. (12' Width)
25 C.Y. Emb.
28 C.Y. 5d Mat. Surf. (4" Depth)
- Sta. 167+66
52 L.F. 18" R.C.C. Pipe
17 Type 4 Spec. Inlet Rt.
1 Type 4 Spec. Inlet Lt.
96 L.F. 18" R.C.C. Pipe Lt.
1 Type 11 Inlet Lt.
80 C.Y. Cl. 2 Exc. Pipe
- Sta. 167+98 - Sta. 170+56
Storm Sewer Lt.
268 L.F. 18" R.C.C. Pipe
166 C.Y. Cl. 2 Exc. Pipe
- Sta. 168+00
ROAD LT.
Sta. 168+00 - Sta. 171+29
2086 C.Y. Cl. 1 Exc.
2 C.Y. Emb.
1131 SY. Bit. Surf. Crs. 10-2, 2 1/2" Depth
1171 SY. Cr. Aggr. Base Crs. Type A, 4" Depth
1125 SY. Sub. Base
1062 SY. Subgrade
289 L.F. Stabilized Shoulders
- Sta. 171+50
Drive Rt. (12' Width)
7 C.Y. Cl. 1 Exc.
3 C.Y. 5d Mat. Surf. (4" Depth)
- Sta. 168+18 - Sta. 170+50
Pave Shoulder Lt.
133 L.F. Paved Shoulders
- Sta. 170+50 - Sta. 170+72
Service Road Lt.
18 L.F. Pl. Com. Conc. Curb, Type B
Widened Pavement Lt. (8.3)
20 SY. Bit. Surf. Crs. 10-2, 2 1/2" Depth
18 SY. Cr. Aggr. Base Crs. Type A, 4" Depth
- Sta. 170+50 - Sta. 170+72
Service Road Rt.
18 L.F. Pl. Com. Conc. Curb, Type B
Widened Pavement Rt.
20 SY. Bit. Surf. Crs. 10-2, 2 1/2" Depth
18 SY. Cr. Aggr. Base Crs. Type A, 4" Depth
- Sta. 170+59
128 L.F. 18" R.C.C. Pipe
2 Type 4 Spec. Inlets Rt.
2 Type 4 Spec. Inlets Lt.
40 L.F. 18" R.C.C. Pipe Lt.
1 Type 4 Inlet Lt.
90 C.Y. Cl. 2 Exc. Pipe
(See Details, Sheet 16)
- Sta. 170+95
L.R. 09030 RELOCATION
(For Notes See Sheet #52)
- Sta. 171+18 - Sta. 199+74
Pave Shoulder Lt.
1428 L.F. Paved Shoulders
- Sta. 171+18 - Sta. 175+24
Pave Shoulder Rt.
219 L.F. Paved Shoulders
- Sta. 171+25 - Sta. 174+00
Grade Island Rt.
8674 C.Y. Emb.
(See Cross Sections)
- Sta. 172+25 - Sta. 172+68
124 L.F. 54" R.C.C. Pipe Rt.
455 C.Y. Cl. 2 Exc. Pipe
Remove Pipe & Endwalls Rt.
40 C.Y. Cl. 2 Exc.
- Sta. 171+35 - Sta. 172+75
Parallel Ditch Lt. (18" Bottom)
92 C.Y. Cl. 2 Exc.
- Sta. 170+98 - BRIDGE
Cl. Span - 40'; Min. Cl. - 14.68'; Skew - 90'; Rdwy. - 132'
- 882 C.Y. Cl. 3 Exc.
203 C.Y. Stone & Fill. For Structures
1193 C.Y. Cl. 3 Conc.
97,058 Lbs. Reinf. Bars
8 L.F. 6" R.C.C. Pipe or V.C. Pipe
330 L.F. 42" Dr. Pile in 12' Soil
370 L.F. 6" Part V.C. Pipe or R.C.C. Pipe
16 L.F. 6" Pipe V.C. Outlets
Either:
Item 112 - L.S. Steel I-Bm. Br. Superstr.
Or:
Item 112a - L.S. Prestn. Conc. Br. Superstr.
3-6431 Appr. 11-13-64
3-1644 " 7-5-63
3-3361 " 7-9-63

FOR PROFILE
ROAD LT.
STA. 168+00, 281 PAR.
SEE SHEET #51

FOR PROFILE
L.R. 281 SPUR
SEE SHEETS #21 & #50

PC. 178+74.70

REV. THOMAS CORRIGAN

JOSEPH I. & FLORENCE M. GRONER

Gas Station at corner
of Park Avenue and
SR 0001

JOSEPH I. & FLORENCE M. GRONER

WILLIAM D. & MARION M. LUKENS

ALPHONSE J. & VIRGINIA MAURIZI

RICHARD H. & ADOLPH E. MOELTER

JOAN M. SHERFEL

HERMAN H. & JOSEPHINE EASTERWICZ

JOSEPH G. & JOSEPHINE EASTERWICZ

ROSE CARNEY & STEPHEN CARNEY & ELEANOR J. CARNEY

GEORGE J. KREIER & GERTRUDE K. GARNER, TRUSTEES

Entire Area Included in Legal Right of Way

L.R. 09030 RELOCATION

ELEANOR E. DEFLESCO

PETER C. DEFLESCO

PQT. 168+00 (281 PAR.) = 0100 ROAD LT.

PQT. 170+95 (281 PAR.) = 81+306 (L.R. 09030 Reloc.)

PQT. 175+36 (281 PAR.) = 0100 L.R. 09030 RT.

PQT. 11+51.58 (L.R. 09030 Reloc.) = 90° Lt. (Act. Arc)

PQT. 151+92.95 (L.R. 09030 Reloc.) = 206° 16' 30" Rt.

PQT. 21+76.85 (Survey) = L.R. 09030 = 63° 45' 30" Lt.

PQT. 310+52 (L.R. 09030) = PQT. 151+28.20 (L.R. 09030 Reloc.) = 90° Rt. (Act. Arc)

PQT. 11+51.58 = 90° Lt. T = 100.00' L = 255.62' B = 130.00' D = Adj. Arc Super-elevate 94 per ft.

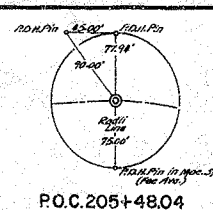
PQT. 15+92.35 = 26° 16' 30" Rt. T = 11.64' L = 214.96' B = 475.54' D = Adj. Arc Super-elevate 36 per ft.

FOR PROFILE
ROAD TO QUARRY
SEE SHEET #52

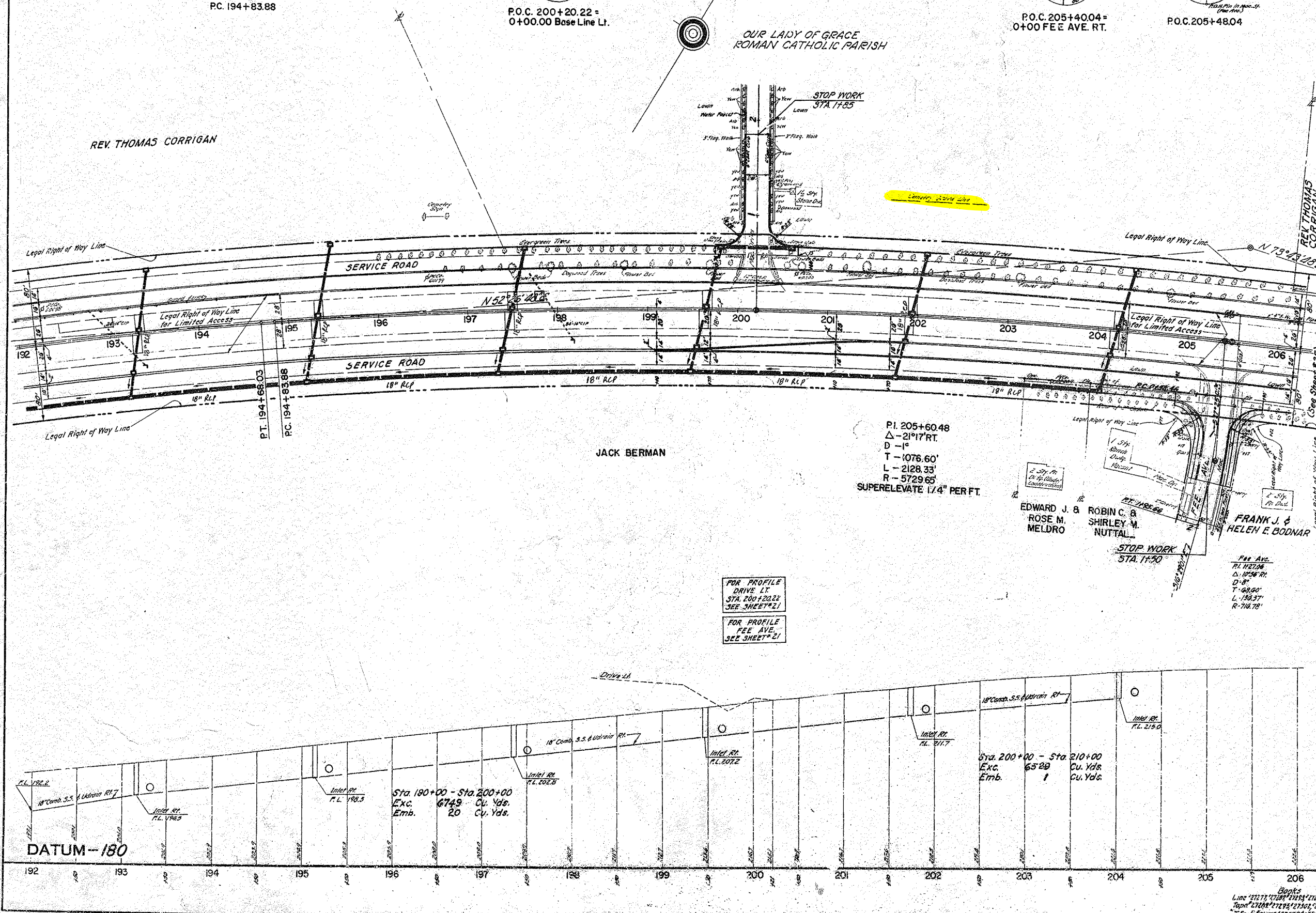
FOR PROFILE
L.R. 09030 RELOCATION
SEE SHEETS #21 & #51

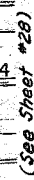
FOR PROFILE
RT. 281 PAR.
SEE SHEET #21

PL 017800	PL 175473	PL 312805	STOP WORK
94'30" Lt. R. 50.00'	Δ 3650' Rt. R. 19500	Δ 8200' Rt. R. 27000	371.6+12.55
560' D. Adj. Arc	T = 1681'	T = 8120' 38"	
74.2' PC. 012.98	L = 98.74	L = 3605'	



REQUIRED LIST	
	<i>Sits 193108</i> <i>Remove Old Pipe & Edw. Rt.</i> <i>8"CY CI 2 Exc</i> <i>Pipe Pipe</i> <i>0.5' CY CI 2 Conc.</i>
K	<i>Sits 193118-Sits 193124</i> <i>Comb. S.S. & Utratin Rt.</i> <i>196 L.F. 18"R.C.C. Pipe (Open Joints) or</i> <i>Perf. A.C.C.M. Pipe</i> <i>33 CY 2 B Aggr.</i> <i>104 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193132</i> <i>132 L.F. 18"R.C.C. Pipe</i> <i>2 Type 4 Spec. Inlets Rt. & Lt. &</i> <i>1 Type H Inlet Rt.</i> <i>1 Type H Inlet Lt.</i> <i>100 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193148-Sits 193150</i> <i>Comb. S.S. & Utratin Rt.</i> <i>212 L.F. 18"R.C.C. Pipe (Open Joints) or</i> <i>Perf. A.C.C.M. Pipe</i> <i>34 CY 2 B Aggr.</i> <i>104 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193152</i> <i>140 L.F. 18"R.C.C. Pipe</i> <i>2 Type 4 Spec. Inlets Rt. & Lt. &</i> <i>1 Type H Inlet Rt.</i> <i>1 Type H Inlet Lt.</i> <i>140 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193154-Sits 193160</i> <i>Comb. S.S. & Utratin Rt.</i> <i>212 L.F. 18"R.C.C. Pipe (Open Joints) or</i> <i>Perf. A.C.C.M. Pipe</i> <i>32 CY 2 B Aggr.</i> <i>102 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193168</i> <i>132 L.F. 18"R.C.C. Pipe</i> <i>2 Type 4 Spec. Inlets Rt. & Lt. &</i> <i>1 Type H Inlet Rt.</i> <i>1 Type H Inlet Lt.</i> <i>100 CY CI 2 Exc. Pipe</i>
	<i>Sits 193178</i> <i>Remove Old Pipe & Edw. Rt.</i> <i>8 CY CI 2 Exc.</i> <i>Pipe Pipe</i> <i>0.5' CY CI 2 Conc.</i>
X	<i>Sits 193180-Sits 201174</i> <i>Comb. S.S. & Utratin Rt.</i> <i>234 L.F. 18"R.C.C. Pipe (Open Joints) or</i> <i>Perf. A.C.C.M. Pipe</i> <i>28 CY 2 B Aggr.</i> <i>96 CY CI 2 Exc. Pipe</i>
X	<i>Sits 193184</i> <i>132 L.F. 18"R.C.C. Pipe</i> <i>2 Type 4 Spec. Inlets Rt. & Lt. &</i> <i>1 Type H Inlet Rt.</i> <i>1 Type H Inlet Lt.</i> <i>100 CY CI 2 Exc. Pipe</i>
	<i>Sits 193174-Sits 200169</i> <i>Widen Pavement Lt. (8.5' Width)</i> <i>82 SY 2 1/2" Surf. Crs. 10-3 1/2" Depth</i> <i>74 SY 2 1/2" Aggr. Base Crs. Type A, 9" Depth</i>
X	<i>Sits 200120-22</i> <i>DRIVE: LT (26' Width)</i> <i>260 CY CI 1 Exc.</i> <i>373 SY 2 1/2" Surf. Crs. 10-2 1/2" Depth</i> <i>373 SY 2 1/2" Aggr. Base Crs. Type A, 9" Depth</i> <i>373 SY 2 1/2" Subgrade</i> <i>274 L.F. 18" Conc. Conc. Curbs Type B</i>
	<i>Sits 201178</i> <i>Remove Old Pipe & Inlets</i> <i>12 CY CI 2 Exc.</i>
X	<i>Sits 201195</i> <i>70 L.F. 18"R.C.C. Pipe</i> <i>1 Type 4 Spec. Inlet Rt.</i> <i>66 CY CI 2 Exc. Pipe</i>
	<i>Sits 201188-Sits 215175</i> <i>Pave Shoulders</i> <i>774 L.F. Paved Shoulders</i>
X	<i>Sits 201178-Sits 204102</i> <i>Comb. S.S. & Utratin Rt.</i> <i>224 L.F. 18"R.C.C. Pipe (Open Joints) or</i> <i>Perf. A.C.C.M. Pipe</i> <i>27 CY 2 B Aggr.</i> <i>90 CY CI 2 Exc. Pipe</i>
X	<i>Sits 201192</i> <i>132 L.F. 18"R.C.C. Pipe</i> <i>2 Type 4 Spec. Inlets Rt. & Lt. &</i> <i>1 Type H Inlet Rt.</i> <i>1 Type H Inlet Lt.</i> <i>100 CY CI 2 Exc. Pipe</i>
	(Notes Continued on Sheet # 24)

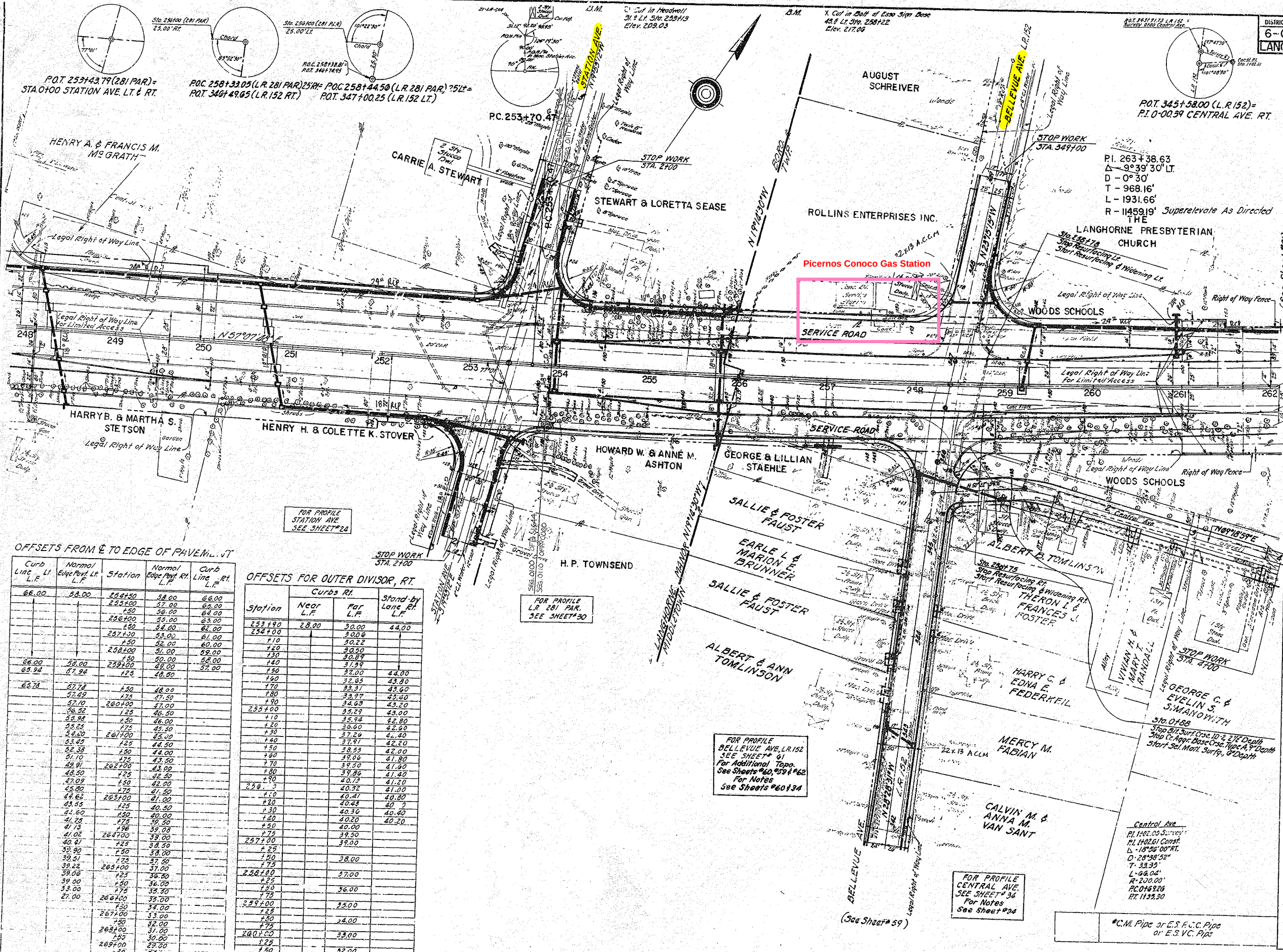




- | | |
|---|--|
| | Sta 2201+78
Drive Rt. (10'Width)
8"CY Cl. 1 Exc.
4"CY Sel. Mottl. Surfgr. (4"Depth) |
| | Sta. 2211+53
Drive Rt. (10'Width)
18"CY Cl. 1 Exc.
30.5Y Bit. Surf. Crs. ID-2 (Year Crs.) 1 1/2"Depth
30.5Y Cr. Aggr. Base Crs. Type B, 6"Depth
30.5Y Subgrade |
| | Sta. 2221+20: Sta. 2231+90
Remove Old Macadam Rt.
45 CY Cl. 1 Exc.
45 CY. Emb. "B"Fill |
| K | Sta. 2221+26
92 L.F. 24"RCC Pipe
17Type 4 Spec. Inlet Lt.
17Type 4 Spec. Inlet Rt. @
17Type 4 Inlet Rt.
90 CY Cl. 2 Exc. Pipe |
| K | Sta. 2221+44 - Sta. 2231+00
Comb. S.S. & Ureolin Rt.
258 L.F. 24"RCC Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
66 CY. 2 B Aggr.
230 CY Cl. 2 Exc. - Pipe |
| | Sta. 2231+48 - Sta. 2231+48
Pavement Flares Lt. & Rt. (0.5'-8.2'Width)
87.5Y Bit. Surf. Crs. ID-2, 2 1/2"Depth
87.5Y Cr. Aggr. Base Crs. Type A, 9"Depth |
| | Sta. 2231+48 - Sta. 2281+90
Widen Service Road Lt. (8.2'Width)
3148.5Y Bit. Surf. Crs. ID-2, 2 1/2"Depth
3149.5Y Cr. Aggr. Base Crs. Type A, 9"Depth |
| | Sta. 2231+48 - Sta. 2251+40
Widen Service Road Lt. (8'Width)
3193.5Y Bit. Surf. Crs. ID-2, 2 1/2"Depth
3193.5Y Cr. Aggr. Base Crs. Type A, 9"Depth |
| | Sta. 2241+09
Remove Old Pipe & Edm. Lt. & Rt.
20 CY Cl. 2 Exc.
Plug Old Pipe Lt. & Rt.
0.5 CY Cl. B Conc. |
| | Sta. 2241+23.32
HULMEVILLE ROAD LT. (L.R. 09029)
283 CY Cl. 1 Exc.
2 CY. Emb.
735.5Y Bit. Surf. Crs. ID-2, 2 1/2"Depth
735.5Y Cr. Aggr. Base Crs. Type A, 9"Depth
835.5Y Sub-Base
801.5Y Subgrade
180 L.F. Pl. Cem. Conc. Curb, Type B, Lt. & Rt.
108 L.F. Stabilized Shoulders |
| K | Sta. 891+92
150 L.F. 24"RCC Pipe
17Type 4 Inlet Lt.
8 L.F. 24" " Pipe Lt.
250 CY Cl. 2 Exc. Pipe & Edm.
1.2 CY Cl. B Conc. - Type DE Edm. Lt. |
| | Sta. 901+93
Remove Old Pipe
5 CY Cl. 2 Exc. |
| | Sta. 2241+25.32
HULMEVILLE ROAD RT. (L.R. 09029)
Sta. 821+00 - Sta. 881+03
1807 CY Cl. 1 Exc.
2 CY. Emb.
1718.5Y Bit. Surf. Crs. ID-2, 2 1/2"Depth
2009.5Y Cr. Aggr. Base Crs. Type A, 9"Depth
2145.5Y Sub-Base
2193.5Y Subgrade
182 L.F. Pl. Cem. Conc. Curb, Type B, Lt. & Rt.
430 L.F. Stabilized Shoulders |
| | For Additional Notes L.R. 09029 (R-1)
See Sheet # 53 |
| | Sta. 2241+41
Remove Old Pipes & Edm. Lt. & Rt.
25 CY Cl. 2 Exc.
Plug Old Pipes Lt. & Rt.
0.5 CY Cl. B Conc. |
| X | Sta. 2241+76
100 L.F. 24"RCC Pipe
17Type 4 Spec. Inlet Lt.
17Type 4 Spec. Inlet Rt. @
17Type 4 Spec. Inlet Rt.
160 CY Cl. 2 Exc. Pipe |
| | Sta. 2271+50 - Sta. 2321+50
2890.5Y Bit. Surf. Crs. ID-2, 4"Depth
2890.5Y Pl. Cem. Conc. Base Crs. Type A, 10"Depth
(a) 500 L.F. Median Barrier, Double Face, 12'6" c to c Posts
(b) 1000 L.F. Pl. Cem. Conc. Curb, Type B
(c) 139.5Y Pl. Cem. Conc. Pavement, 6"Depth
(d) For Details, See Sheet # 7 |
| | *C.M. Pipe or E.S. RCC Pipe
or E.S. V.C. Pipe |

REQUIRED LIST

- X Sta. 248+18 - Sta. 250+58
Comb. S.S. & Udrain Lt.
240 L.F. 24" R.C.C. Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
62 CY 2 B Aggr.
210 CY Cl. 2 Exc. - Pipe
- X Sta. 248+32
132 L.F. 18" R.C.C. Pipe
2 Type 4 Spec. Inlets Lt.
2 Type 4 Spec. Inlets Rt.
10 L.F. 18" Pipe Rt.
12 CY Cl. B Conc. Type 'DE' Edm. Rt.
112 CY Cl. 2 Exc. - Pipe
- X Sta. 250+62 - Sta. 253+02
Comb. S.S. & Udrain Lt.
240 L.F. 24" R.C.C. Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
62 CY 2 B Aggr.
210 CY Cl. 2 Exc. - Pipe
- X Sta. 250+70
132 L.F. 18" R.C.C. Pipe
2 Type 4 Spec. Inlets Lt.
2 Type 4 Spec. Inlets Rt.
130 CY Cl. 2 Exc. - Pipe
- X Sta. 250+90 - Sta. 252+50
Comb. S.S. & Udrain Lt.
150 L.F. 18" R.C.C. Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
25 CY 2 B Aggr.
78 CY Cl. 2 Exc. - Pipe
- X Sta. 252+51
Remove Old Pipe & Edm. Lt. & Rt.
5 CY Cl. 2 Exc.
150 CY Old Pipe Lt. & Rt.
0.5 CY Cl. B Conc.
- X Sta. 252+52 - Sta. 253+52
1 Type 4 Spec. Inlet Rt.
100 L.F. 18" R.C.C. Pipe Rt.
11 Type 4 Spec. Inlet Lt.
18 L.F. 18" Pipe Rt.
0.5 CY Cl. B Conc. Type 'D' Edm. Rt.
80 CY Cl. 2 Exc. - Pipe
- X Sta. 252+52 - Sta. 253+50 (Station Ave Rt.)
43 SY Cem. Conc. Sidewalk (4' Width) Rt.
8 CY Cl. 1 Exc.
- X Sta. 252+54 - Sta. 253+00 (Station Ave Rt.)
Comb. S.S. & Udrain Lt.
150 L.F. 18" R.C.C. Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
24 CY 2 B Aggr.
75 CY Cl. 2 Exc. - Pipe
- X Sta. 253+00 - Sta. 253+50 (Station Ave Lt.)
43 SY Cem. Conc. Sidewalk Lt. (4' Width)
8 CY Cl. 1 Exc.
- X Sta. 253+04 - Sta. 254+00
1 Type 4 Spec. Inlet Lt.
90 L.F. 24" R.C.C. Pipe
120 CY Cl. 2 Exc. - Pipe
- X Sta. 253+04 - Sta. 254+00 (Station Ave Lt.)
Comb. S.S. & Udrain Lt.
180 L.F. 18" R.C.C. Pipe (Open Joints) or
Perf. A.C.C.M. Pipe
32 CY 2 B Aggr.
93 CY Cl. 2 Exc. - Pipe
- X Sta. 253+18 - Sta. 253+75
Remove Old Pipes & Edms. Lt.
20 CY Cl. 2 Exc.
- X Sta. 253+30
Remove Old Pipe & Edms. Lt. & Rt.
15 CY Cl. 2 Exc.
15 CY Cl. 2 Exc. Lt. & Rt.
0.5 CY Cl. B Conc.
- X Sta. 253+30 - Sta. 253+55
553 L.F. Pl. Cem. Conc. Curbs, Type B, Rt.
- X Sta. 253+93 - Sta. 257+93
430 L.F. Pl. Cem. Conc. Curbs, Type B, Lt.
- X Sta. 253+43.79
STATION AVE. RT.
355 CY Cl. 1 Exc.
14 CY Emp.
610 SY Bit. Surf. Crs. 10-1/2" 2 1/2" Depth
622 SY Cr. Aggr. Base Crs. Type A, 9" Depth
622 SY Subgrade
72 L.F. Stabilized Shoulders
- X Sta. 257+12
Ditch Lt. (2' Width)
50 CY Cl. 1 Exc.
10 CY Sub. Mort. Surf. (4" Depth)
Remove Old Pipe & Edms. Lt.
5 CY Cl. 2 Exc.



OFFSETS FROM & TO EDGE OF PAVEMENT

Curb Line L.F.	Normal Edge Pav. Lt. L.F.	Station	Normal Edge Pav. Rt. L.F.	Curb Line Rt. L.F.
66.00	58.00	254+50	58.00	66.00
		255+00	57.00	65.00
		150	56.00	64.00
		256+00	55.00	63.00
		150	54.00	62.00
		257+00	53.00	61.00
		150	52.00	60.00
		258+00	51.00	59.00
		150	50.00	58.00
66.00	58.00	259+00	49.00	57.00
65.94	57.94	125	48.00	
66.78	57.78	150	47.00	
		259+00	46.00	
		125	45.00	
		260+00	44.00	
		125	43.00	
		261+00	42.00	
		125	41.00	
		262+00	40.00	
		125	39.00	
		263+00	38.00	
		125	37.00	
		264+00	36.00	
		125	35.00	
		265+00	34.00	
		125	33.00	
		266+00	32.00	
		125	31.00	
		267+00	30.00	
		125	29.00	
		268+00	28.00	
		125	27.00	

OFFSETS FOR OUTER DIVISOR, RT.

Station	Curbs Rt.		Stand-by Lane Rt. L.F.
	Near L.F.	Far L.F.	
253+90	28.00	30.00	44.00
254+00		30.06	
+10		30.22	
+20		30.50	
+30		30.89	
+40		31.39	
+50		32.00	44.00
+60		32.65	43.80
+70		33.37	43.60
+80		34.09	43.40
+90		34.83	43.20
255+00		35.59	43.00
+10		36.34	42.80
+20		36.60	42.60
+30		37.26	42.40
+40		37.91	42.20
+50		38.53	42.00
+60		39.06	41.80
+70		39.50	41.60
+80		39.86	41.40
+90		40.73	41.20
256+00		40.32	41.00
+10		40.41	40.80
+20		40.36	40.7
+30		40.30	40.60
+40		40.20	40.40
+50		40.00	40.20
+60		39.50	
+70		39.00	
257+00			
+25		38.00	
+50			
+75		37.00	
258+00			
+25		36.00	
+50			
+75		35.00	
259+00			
+25		34.00	
+50			
+75		33.00	
260+00			
+25		32.00	
+50			
+75		31.00	
261+00			
+25		30.00	
+50		29.00	
+75		28.00	
262+00		27.00	