

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

Zena Highwoods Site

Zena Highwoods Road, Town of Woodstock

ULSTER COUNTY, NEW YORK

Prepared for:

**Town of Woodstock
45 Comeau Drive
Woodstock, NY 12498**

Prepared by:



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June 2025

EXECUTIVE SUMMARY

Fisher Associates P.C., L.S., L.A., D.P.C. (Fisher Associates) was retained by the Town of Woodstock (the "Client") to conduct a Phase I Environmental Site Assessment (ESA) for a 7.86-acre property and an adjoining 3.20-acre property (collectively referred to as the 'Subject Property' herein), located in the Town of Woodstock, Ulster County, New York 12498. This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {AAI}, 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E1527-21 (ASTM Standard Practice E1527-21).

The Phase I ESA for the Subject Property represents a product of Fisher Associates' professional expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: the Town of Woodstock, and their respective successors, assigns, affiliates, and subsidiaries.

Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the Subject Property back to United States Geological Survey (USGS) Topographic Maps in 1892. The Subject Property tax parcels encompass a combined 11.06-acres of rural vacant land. Fisher Associates did not identify significant data gaps during the completion of this Phase I ESA.

Fisher Associates has performed this Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-21.

Recognized Environmental Conditions (RECs)

By definition under ASTM Standard Practice E1527-21 the term REC means *(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.* This assessment has identified the following:

Fisher Associates did not identify any RECs in association with the Subject Property.

Historical Recognized Environmental Conditions (HRECs)

HRECs are defined as “*a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls.*” This assessment has identified the following:

Fisher Associates did not identify any HRECs in association with the Subject Property.

Controlled Recognized Environmental Conditions (CRECs)

A CREC is defined as a “*REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substance or petroleum products allowed to remain in place subject to the implementation of required controls.*” This assessment has identified the following:

Fisher Associates did not identify any CRECs in association with the Subject Property.

Vapor Encroachment Conditions

A Vapor Encroachment Condition (VEC), as defined in ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (E2600-22), is the presence or likely presence of Contaminants of Concern (COC) vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. This assessment has identified the following:

Fisher Associates did not identify any VECs in association with the Subject Property.

Business Environmental Risk Considerations (BERs)

A Business Environmental Risk (BER), as defined in the ASTM Standard Practice E1527-21, is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate. This assessment has identified the following:

Fisher Associates did not identify any BERs in association with the Subject Property.

Table of Critical Dates

Final Report Issuance Date	6/10/2025
Date of Interview of Past and Present Owners and Occupants Identified in Section 5.0	4/29/2025
Date of Recorded Environmental Lien and AUL Search	N/A
Date of Visual Inspection of Subject and Adjoining Properties	4/29/2025
Earliest Date of Interviews, Record Reviews, and Inspections	4/29/2025
Report Viability Date	10/26/2025

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Appendix B:	Aerial Photographs
Appendix C:	Phase I ESA Site Observation Notes and Field Site Map
Appendix D:	Interview Questionnaire
Appendix E:	Fire Insurance Map Search
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1.0 INTRODUCTION

This Phase I Environmental Site Assessment (ESA) was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries ((AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E1527-21* (ASTM Standard Practice E1527-21).

The Phase I ESA for the parcels both addressed as Zena Highwoods Road (Tax IDs 28.3-1-28 and 38.2-1-56), located in the Town of Woodstock, Ulster County, New York 12498, collectively hereafter referred to as the "Subject Property". The Phase I ESA for the above-mentioned properties represents the products of Fisher Associates' professional expertise and judgment in the environmental consulting industry. This Phase I ESA represents the product of Fisher Associates' professional expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: the Town of Woodstock and their respective successors, assigns, affiliates, and subsidiaries.

Fisher Associates acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, Fisher Associates makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

1.1 PROPERTY OVERVIEW

The Subject Property consists of vacant municipal park land. Land use immediately adjoining the Subject Property to the north, west and east are single family residential parcels. The Zena Recreation Park, Inc., is located immediately adjacent to the south and is used as a private park, swim, and tennis club. Site maps of the Subject Property are provided as **Figures 1 and 2**.

Historic aerial photographs and topographic maps indicate that the Subject Property was first mapped in the earliest United States Geographical Survey (USGS) Topographic map available in 1892 and was undeveloped. The first aerial photograph taken in 1958 depicts the Subject Property as vacant, rural land. The aerial photographs consistently show the Subject Property to be vacant, rural land throughout the decade package to present day.

Subject Property Location/Address	Zena Highwoods Road
Tax Parcel ID(s):	28.3-1-28 and 38.2-1-56
Number of Parcels and Acreage	Two (2) parcels: 7.86-acres and 3.20-acres
Number of Building(s) and Square Footage	N/A
Current Property Use	Vacant Rural Land
Current Zoning	R3, Res 1

Topographic Maps from USGS are presented in **Appendix A - USGS Topographic Maps**. Topographic maps indicate the geographic features of the Subject Property and surrounding area. Aerial photographs of the Subject Property and surrounding properties are presented in **Appendix B - Aerial Photographs**.

Fisher Associates has provided site observation notes that describes the Subject Property in **Appendix C - Phase I ESA Observation Notes and Field Site Map**.

1.2 PURPOSE AND SCOPE OF SERVICES

The Phase I ESA practice, established by the ASTM Standard Practice E1527-21 and the USEPA All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312, is intended to for use on a voluntary basis by parties who wish to assess the environmental condition of commercial real estate taking into account commonly known and reasonably ascertainable information. The practice permits a User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations (i.e., landowner liability protections or LLPs) on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability.

The scope of services performed by Fisher Associates is consistent with the general specifications outlined in ASTM Standard Practice E1527-21 and 40 CFR Part 312. In general, the scope of services for this project included:

- Review environmental database search to identify sites in federal and state records that are potentially characterized by environmental liabilities within the recommended ASTM search radius as described in Section 4.0;
- Review available historical aerial photographs, USGS topographic maps, tax maps, plat maps, atlases, local street directories, and Sanborn® Fire Insurance Maps to obtain information relative to the historical usage of the Subject Property;

- Conduct a Site visit, interview appropriate Site personnel and adjacent property owners, and record pertinent observations related to potential environmental impacts at the Subject Property;
- Contact government authorities, including the New York State Department of Environmental Conservation (NYSDEC) to obtain any records on file associated with the property; local environmental and health departments, and local municipalities to obtain available Site-specific information, including legal descriptions, tax and title information, and locations of municipal services; and
- Prepare a report that provides a Site description, summary of records reviewed, and observations noted of the environmental conditions at the Site, and an opinion as to the presence of potential RECs.

1.3 SIGNIFICANT ASSUMPTIONS

Pursuant to ASTM Standard Practice E1527-21, Fisher Associates assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

While this report provides an overview of potential current and historical RECs, the Phase I ESA is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred, which could not be identified. The conclusions and recommendations regarding the RECs that are presented in this report are based on a Scope of Work authorized by the Client.

Freedom of Information Law (FOIL) requests were submitted to the NYSDEC and Ulster County.

1.4 LIMITATIONS, DEVIATIONS, AND SPECIAL TERMS AND CONDITIONS

There are no deviations from the ASTM Standard Practice E1527-21. Non-ASTM Scope considerations are included in Section 10.0. Any physical limitations identified during the completion of this report are referenced in Section 7.0.

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the Client may not presume the continuing applicability to the Subject Property of the conclusions in this assessment after the report's Viability Date.

Limitations

No sampling or testing of media such as soil, soil gas, surface water and groundwater, suspect asbestos containing material, radon, mold, or lead-based paint was conducted during this assessment.

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2.0 USER PROVIDED INFORMATION

The ASTM Standard Practice E1527-21 defines a User as “*the party seeking to use Practice E1527-21 to complete an Environmental Site Assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.*”

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield’s Revitalization Act of 2001 (the “Brownfield Amendments”) (if desired), the User must provide certain information (if available) identified in the User Questionnaire to the Environmental Professional. Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete.

The following responses were provided by the User during the site reconnaissance on April 29, 2025. A copy of the completed User Questionnaire is included in **Appendix D – Interview Questionnaire**.

Question	Response
Name of Preparer and User Entity:	
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?	Unknown
Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	Unknown
As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Unknown
Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	N/A
Are you aware of commonly known or reasonably ascertainable information about the property that would	Unknown

Question	Response
help the Environmental Professional to identify conditions indicative of releases or threatened releases? For example, as user:	
Do you know the past uses of the property?	Unknown
Do you know of specific chemicals that are present or once were present at the property?	Unknown
Do you know of any environmental cleanups that have taken place at the property?	Unknown
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Unknown

2.1 RECORDED LAND TITLE RECORDS

Fisher Associates reviewed the records provided on the Ulster County available documents on-line database. One (1) Bargain and Sale (Individual) Deed was available for review. The document details an indenture between William Whitney, Inc., located on Witchtree Road, Town of Woodstock, Ulster County, New York and the Town of Woodstock, a municipal corporation in the County of Ulster, State of New York. William Whitney, Inc. sold/released the 7.861-acre property to the Town of Woodstock for \$1.00 on January 14, 1975. The deed also states that the premises was conveyed by Carrie Carnright and Palmer J. Carnright, and Clifford Carnright, brothers and sister, to William Whitney, Inc. by Deed on August 15, 1974. A detailed copy of the Quit Claim Deed record is included in **Appendix F**. A search of available environmental liens and other activity use limitations (AULs) was conducted. No environmental liens or AULs were identified for the Subject Property.

2.2 REASON FOR PERFORMING THIS PHASE I ESA

According to the User, this Phase I ESA was conducted as part of environmental due diligence related to proposed future development considered for the Subject Property.

3.0 PHYSICAL SETTING

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Topography (Refer to Figure 1 for an excerpt of the Topographic Map)		
Elevation	Approximately 502 feet above mean sea level	EDR Environmental Data Resources, Inc. (EDR) Report
Geographic Gradient	General west southwest	Detail Map - 7978646.20s
Nearest Surface Water	Subject Property: two (2) freshwater wetlands 006, 007. One (1) ephemeral ditch.	National Wetlands Inventory (NWI) Fisher Associates Wetlands and Watercourse Delineation (Figure 2)
General Soil Characteristics:		
Soil Type	Arnot Channery Silt Loam (0.0-6.0") granular materials, silty or clayey gravel and sand. Very channery loam (0.6-17.0") Granular materials, silty or clayey gravel and sand Unweathered bedrock (17.0-21.0")	United States Department of Agriculture (USDA) Soil Conservation Service (SCS) SSURGO data
Description	Class C/D – Drained/undrained hydrology class of soils that can be drained and classified.	
Geology	Era: Paleozoic System: Devonian Series: Middle Devonian Category: Continental Deposits Depth to bedrock min: > 10 inches Depth to bedrock max: > 20 inches	EDR Environmental Data Resources, Inc. (EDR) Report
Hydrogeology	No information provided.	EDR Environmental Data Resources, Inc. (EDR) Report
Oil and Gas Wells		
Current Oil and Gas Wells on the Subject Property	No oil and/or gas wells were reported on the Subject Property.	EDR Environmental Data Resources, Inc. (EDR) Report

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Historical Oil and Gas Wells on the Subject Property	No oil and/or gas wells were historically reported on the Subject Property.	Federal USGS, Federal FRDS PWS, State Database.

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4.0 RECORDS REVIEW

Fisher Associates reviewed reasonably ascertainable records to identify obvious uses of the Subject Property from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the Subject Property back to 1892 – the earliest USGS Topographic map of the Subject Property obtained by Fisher Associates. No data failures have occurred at the time of this report.

Agency correspondence is included in **Appendix F – FOIL Request Letters and Response Package**.

4.1 AERIAL PHOTOGRAPHS, SANBORN® MAPS AND TOPOGRAPHIC MAPS

Aerial Photographs:

Fisher Associates reviewed reasonably ascertainable aerial photographs for the Subject Property area. Aerial photographs from 1958, 1962, 1978, 1986, 1995, 1997, 2006, 2008, 2011, 2015, and 2019 were purchased from EDR Environmental Data Resources, Inc. (EDR). The aerial photographs obtained by Fisher Associates are summarized below:

Historic Aerial Photography Observations			
Date	Photo Quality	Subject Property Description	Surrounding Property Description
1958	Good	The Subject Property is not outlined or georeferenced, however, the majority of the photo appears to be forested land.	The majority of the photo appears forested land, however, two rectangular clearings are visible in the center of the photo. Additionally, one clearing, coming off a road, is depicted on the lower western portion of the photo.
1962	Good	The Subject Property appears vacant and forested.	Surrounding properties appear vacant and forested with no development visible.
1978	Poor	The Subject Property is not mapped.	Some roadways appear and some development is visible. An airstrip is depicted on the southeastern portion of the aerial. The Zena Recreation Tennis and Swim club is shown south of the Subject Property.
1986	Good	The Subject Property is undeveloped forested land.	Surrounding properties show road and residential development on the

Historic Aerial Photography Observations			
Date	Photo Quality	Subject Property Description	Surrounding Property Description
			north, west, and east sides. To the south tennis courts, an outdoor pool, and other recreational fields are shown in better clarity from the 1978 aerial.
1995	Good	No changes to the Subject Property.	Minor changes appear to the surrounding properties such as more residential single-family development and a pond is visible south of the recreational property.
1997	Fair	No changes to the Subject Property.	No significant changes observed to surrounding properties.
2006	Good	No changes to the Subject Property.	No significant changes observed to surrounding properties.
2008	Very Good	No changes to the Subject Property.	No changes appear to the surrounding properties.
2011	Very Good	No changes to the Subject Property.	No changes appear to the surrounding properties.
2015	Very Good	No changes to the Subject Property.	No changes appear to the surrounding properties.
2019	Excellent	No changes to the Subject Property.	No changes appear to the surrounding properties.

RECs were not identified as a result of the available aerial photograph review. A copy of the EDR Aerial Maps is provided as **Appendix B – Aerial Photographs**.

Sanborn Maps:

Fisher Associates did not obtain Sanborn® Fire Insurance Maps for the Subject Property, as the property was identified as being unmapped. A copy of the EDR Certified Sanborn® Map Report, Unmapped Property statement is provided as **Appendix E – Sanborn® Fire Insurance Map Search**.

Topographic Maps:

The Subject Property was reviewed on USGS topographic maps for the years 1892, 1893, 1894, 1899/1901, 1903, 1942/1945, 1946, 1949, 1980, 2013, 2016, and 2019. It is noted that several other years of USGS topo maps were provided, however, the Subject Property was unmapped on those. Adjoining properties are also indicated on these maps. These maps indicate the geographic features of the Subject Property and

the surrounding area. General topography in the area of the Subject Property is discussed in the following table:

Year	Use(s)
1892	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Kaaterskill, 1892, 15-minute. ▪ Contour lines of the area show a higher elevation on the north/northwest portion of the Subject Property, sloping significantly on the south end. A waterbody is visible to the south/southwest and the Sawkill River and tributaries are shown. Zena Highwoods Road is shown. Three small buildings/structures are shown on Zena Highwoods Road.
1893	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Kaaterskill, 1893, 15-minute. ▪ No major changes observed from the 1892 map, however, one additional small building/structure is shown on Zena Highwoods Road.
1894	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Kaaterskill, 1894, 15-minute. ▪ No changes observed from the 1893 map.
1899/1901	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ S, Rosendale, NY 1901 USGS 15-minute. ▪ TP, Kaaterskill, 1899, 15-minute ▪ The map is unchanged from the 1894 map.
1903	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ S, Rosendale, NY 1903 USGS 15-minute. ▪ TP, Kaaterskill, 1903, 15-minute ▪ The map is unchanged from the 1899/1901 topo map.
1942/1945	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Woodstock, NY 1945 USGS 7.5-minute. ▪ S, Kingston West, NY 19425, 7.5-minute ▪ The contours and overall Subject Property is unchanged. More residential development is visible in the surrounding area. Kingston Reservoir No. 1 and No. 4 are shown to the south/southwest.
1946	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Plattekill, NY 1946 USGS 7.5-minute. ▪ The map is unchanged from the 1942/1945 topo map.
1949	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ TP, Woodstock, NY 1949 USGS 7.5-minute. ▪ The map is relatively unchanged from the 1946 map.
1980	<ul style="list-style-type: none"> ▪ Quadrangle: <ul style="list-style-type: none"> ▪ S, Kingston West, NY 1980 USGS 7.5-minute. ▪ TP, Woodstock, NY 1980 USGS 7.5-minute.

Year	Use(s)
	<ul style="list-style-type: none"> The Subject Property appears unchanged. A roadway appears to the south leading to a landing strip, which is shown on the property to the east. A road spurring off the new road to the south is shown to lead to the Subject Property.
2013	<ul style="list-style-type: none"> Quadrangle: <ul style="list-style-type: none"> S Kingston West, NY 2013 USGS 7.5-minute. TP, Woodstock, NY 2013 USGS 7.5-minute. The Subject Property appears unchanged. Additional roadway development and structures appear to the north, east, and west. The airstrip to the east is labeled "Strip In the Woods Airport. The spur road leading to the Subject Property from the 1980 topo map is no longer depicted.
2016	<ul style="list-style-type: none"> Quadrangle: <ul style="list-style-type: none"> S, Kingston West, NY 2016 USGS 7.5-minute. TP, Woodstock, NY 2016 USGS 7.5-minute. The Subject Property and surrounding properties appear unchanged from the 2013 topo map.
2019	<ul style="list-style-type: none"> Quadrangle: <ul style="list-style-type: none"> S, Kingston West, NY 2019 USGS 7.5-minute. TP, Woodstock, NY 2019 USGS 7.5-minute. The Subject Property appears unchanged from the 2016 topo map. The surrounding properties appear relatively unchanged except for trails shown to the west.

RECs were not identified after review of the USGS Topographic Maps. Copies of relevant USGS Historic Topographic maps are provided in **Appendix A - USGS Topographic Maps**.

4.2 LOCAL STREET DIRECTORIES

The Subject Property is not listed on the City Directory records purchased from EDR, however, several immediately adjacent properties are listed and detailed below.

Year	Address	Proximity/Location in relation to Subject Property	Owner/Use
2025*	725 Zena-Highwoods Rd.	Immediately adjacent west	Jay H, and William Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Peter and Sherry Rita Weissman/Single Family Residential

Year	Address	Proximity/Location in relation to Subject Property	Owner/Use
	745 Zena-Highwoods Rd.	Immediately adjacent west	Jeremy Lubman, Elsie Do Carmo Iwase/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Gretchen Langheld/Single Family Residential
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Stuart Lipkind/Single Family Residential
	714 Zena-Highwoods Rd.	Immediately adjacent south and southeast	Zena Recreation Park, Swim, and Tennis Club
	44 Eastwoods Drive	South of Zena Recreation Park	Zena Development LLC
	38 Lauren Court	Immediately adjacent east/southeast	Su-Cheen Marlee Wang/Single Family Residential
	36 Lauren Court	Immediately adjacent east	Saad U and Judith H Haider/Single Family Residential
	10 Lauren Court	Immediately adjacent east	Karen Manka/Single Family Residential
	3 Laurent Court	Immediately adjacent north	Michael J and Pamela K; Trust Tobias/Single Family Residential
2020	725 Zena-Highwoods Rd.	Immediately adjacent west	Jay H, and William Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Peter, Raphaela, and Sherry Rita Weissman/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Albert Tarolli/Gretchen Langheld/Single Family Residential
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Stuart Lipkind/Single Family Residential
2017	725 Zena-Highwoods Rd.	Immediately adjacent west	William J Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Kenneth A Bitz/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Gretchen Langheld/Single Family Residential

Year	Address	Proximity/Location in relation to Subject Property	Owner/Use
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Stuart Lipkind/Single Family Residential
	714 Zena-Highwoods Rd.	Immediately adjacent south and southeast	Zena Recreation Park, Swim, and Tennis Club
2014	725 Zena-Highwoods Rd.	Immediately adjacent west	William J Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Occupant Unknown/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Gretchen Langheld/Single Family Residential
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Kathleen C Adkins/Single Family Residential
2014	725 Zena-Highwoods Rd.	Immediately adjacent west	William J Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Occupant Unknown/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Kathleen Adkins/Single Family Residential
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Michael S Via/Single Family Residential
2010	725 Zena-Highwoods Rd.	Immediately adjacent west	Jay H Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Gerard R McCloskey/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Al G Tarolli/Single Family Residential
	725 Zena-Highwoods Rd.	Immediately adjacent west	William J Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential

Year	Address	Proximity/Location in relation to Subject Property	Owner/Use
	745 Zena-Highwoods Rd.	Immediately adjacent west	Kenneth A Bitz/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Gretchen Langheld/Single Family Residential
	712 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Stuart Lipkind/Single Family Residential
2005	725 Zena-Highwoods Rd.	Immediately adjacent west	Jay H Petrowsky/Single Family Residential
	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Gerard McCloskey/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Al Tarolli/Single Family Residential
2000	711 Zena-Highwoods Rd.	Immediately adjacent west	Sherry Rita K/Single Family Residential
	745 Zena-Highwoods Rd.	Immediately adjacent west	Gerard McCloskey/Single Family Residential
	708 Zena-Highwoods Rd.	Immediately adjacent south/southwest	Al Tarolli/Single Family Residential

*2025 listings are taken from the Ulster County GIS Tax Parcel Map Viewer

A full list of City Directory findings are included in **Appendix H**.

4.3 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Fisher Associates reviewed the USEPA Envirofacts online database in lieu of a FOIL request on May 28, 2025. After a review of this database, no environmental records were identified for the Subject Property.

4.4 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC)

Fisher Associates submitted a request for environmental information regarding the Subject Property to the NYSDEC via the Online FOIL Request System on May 06, 2025. Fisher Associates has received a response from the department providing several documents associated with the Subject Property including a County Tax Parcel Map, detailed in **Section 2.1** and included in **Appendix H**.

4.5 ULSTER COUNTY CLERK'S OFFICE

Fisher Associates submitted an email request for environmental information regarding the Subject Property to the Ulster County Clerk's Office on May 06, 2025. Fisher Associates received a response from the agency stating they received our request, however, publicly available documentation is accessible on their document search Database. Fisher Associates reviewed the database and located a Deed document for the 7.86-acre portion of the Subject Property, as detailed in **Section 2.1** and **Appendix F**.

4.6 UTILITIES

4.6.1 Municipal Water/Water Wells

The Subject Property is an undeveloped forested parcel. Fisher Associates determined that municipal water is not available in the area of the Subject Property and tax documents state that a water supply does not currently exist for the Property. According to tax records, Fisher Associates was able to determine that the surrounding properties are supplied with water by private wells.

4.6.2 Sanitary Sewer/Septic System

The Subject Property is an undeveloped forested parcel. Fisher Associates determined that municipal sewer is not available in the area of the Subject Property and tax documents state that a sewer type does not currently exist for the Property. According to tax records, Fisher Associates was able to determine that the surrounding properties have septic systems for wastewater management.

4.6.3 Heat Source

The Subject Property is undeveloped and does not have a heat source. Fisher Associates was able to determine the primary heat source for the surrounding properties is by propane or LPG. No documentation of historic fuel oil use was identified during the review of reasonably ascertainable records and no visual evidence of fuel oil use was identified during the site reconnaissance. There are no indications of past use of fuel oil AST or UST to have been used at the property for heating purposes or for a release to have occurred. If a fuel oil UST is discovered in the future and/or evidence of a release of historical fuel oil is identified, further evaluation may be necessary.

4.7 PETROLEUM BULK STORAGE (PBS) SYSTEMS

4.7.1 Underground Storage Tanks (USTs)

Review of reasonably ascertainable records and other historical sources, and site observations, have not identified the current or historical presence of USTs on the Subject Property. Specifically, no records of USTs were identified through review of reasonably ascertainable records and Fisher Associates did not observe any evidence of USTs (i.e., fill ports, vent pipes, etc.) during the site reconnaissance.

4.7.2 Aboveground Storage Tanks (ASTs)

Review of reasonably ascertainable standards and other historical sources, and site observations, have not identified the current and/or historical presence of ASTs on the Subject Property.

4.8 PREVIOUS ENVIRONMENTAL REPORTS

No Previous environmental reports were provided or reviewed for the Subject Property.

4.9 ENVIRONMENTAL LIENS, ACTIVITY AND USE LIMITATIONS, AND GOVERNMENT INSTITUTIONAL AND ENGINEERING CONTROLS

An Environmental Liens and/or Activity and Use Limitations (AULs) search was conducted for the Subject Property. There were no Environmental Liens, AULs and/or governmental institutional and/or engineering controls identified for the Subject Property for review.

5.0 INTERVIEW

Fisher Associates personnel interviewed the representatives from the Town of Woodstock on April 29, 2025. The Town's representatives did not have pertinent environmental information to provide regarding the Subject Property.

Copies of blank ASTM Interview Forms are included in **Appendix D – Interview Questionnaire**.

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6.0 SUMMARY OF HISTORICAL USE

Standard and other historical sources were able to document the Subject Property's uses back to the earliest USGS Topographic map in 1892. The Subject Property has no records or indications of development and has been documented to be a vacant forested parcel since the earliest records including the 1892 topographic map and 1958 aerial photograph.

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7.0 SUBJECT PROPERTY RECONNAISSANCE

7.1 SUBJECT PROPERTY OBSERVATIONS

Reconnaissance Information	
EP Field Personnel:	Ari Cheremeteff
Site Reconnaissance Date:	4/29/2025
Weather Conditions:	70°F, Sunny
Escort:	Fisher Associates was escorted by several members of the Woodstock Town Board during the site reconnaissance.
Limitations:	No limitations were experienced during the site reconnaissance.

The following table summarizes the site observations during the 4/29/2025 site reconnaissance.

Category	Feature	Observed
Buildings (N/A, undeveloped property)	Elevators	N/A
	Air Compressors	N/A
	Incinerators	N/A
	Waste Treatment Systems	N/A
	Presses/Stamping Equipment	N/A
	Press Pits	N/A
	Hydraulic Lifts or In Ground Hoists	N/A
	Paint Booth	N/A
	Plating Tanks	N/A
	Lathes, Screw Machines, etc.	N/A
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs)	No
	Drums, Barrels and/or Containers > 5 gallons	No
	Chip Hoppers	No
	Hazardous or Petroleum Waste Streams	No
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground Storage Tanks	No
	Fuel Dispensers	No
	Sumps or Cisterns	No
	Dry Wells	No
	Oil/Water Separators	No

Category	Feature	Observed
Exterior Observations	Floor Drains, Trench Drains, etc.	No
	Pipeline Markers	No
	Stressed Vegetation	No
	Stained Soil or Pavement	No
	Pad or Pole Mounted Transformers and/or Capacitors	No
	Soil Piles of Unknown Origin	No
	Exterior Dumpsters with Staining	No
	Leachate or Other Waste Seeps	No
	Trash, Debris, and/or Other Waste Materials	No
	Uncontrolled Dumping or Disposal Areas	No
	Surface Water Discoloration, Sheen or Free Product	No
	Strong, Pungent or Noxious Odors	No
	Storm water retention or detention ponds	No
	Pits, Ponds, Lagoons	No

7.2 CURRENT OPERATIONS

The Subject Property is currently a vacant forested parcel, however, is listed as vacant rural parcel in the Ulster County Tax documentation.

8.0 ADJOINING PROPERTIES

The following paragraphs provide information about the adjoining properties obtained during the site reconnaissance and through a review of reasonably ascertainable information.

North of the Subject Property

Adjoining the Subject Property to the north are single family residential properties.

East of the Subject Property

Adjoining the Subject Property immediately to the east are single family residential properties.

West of the Subject Property

Adjoining the Subject Property to the west are single family residential properties.

South of the Subject Property

Adjoining the Subject Property to the south is an approximately 24.81-acre parcel operated as the Zena Recreation Park, Swim, and Tennis Club. Further south, beyond Eastwoods Drive is an approximately 432.80-acre vacant parcel owned by Zena Development LLC.

9.0 REGULATORY RECORDS REVIEW

Regulatory database searches were conducted for the Subject Property as part of the scope of this Phase I ESA. The regulatory database search was conducted by EDR, a nationally recognized database search service, contracted by Fisher Associates.

Regulatory database searches were conducted for the Subject Property as part of the scope of this Phase I ESA. The regulatory databases searched include the following:

- Environmental Data Resources Inc. (EDR) 5/5/2025
- Review of the US EPA web-based Envirofacts Database on 5/28/2025
- Review of the NYSDEC web-based environmental databases on 6/5/2025

The database searches were conducted at or beyond the radii established by the Federal All Appropriate Inquiries (AAI) Rule and/or ASTM Standard Practice E1527-21 whichever was greater, for all parts of the Subject Property. The most recent EDR database reviewed for this Phase I ESA is included in **Appendix G - EDR Database Search Report**.

A search of the major environmental databases yielded any environmental listings for the Subject Property or the surrounding properties. The dates of the environmental databases were the most recent releases as of 4/29/2025 EDR environmental database review. Reviews were further supplemented with a search using the Federal USEPA Envirofacts and the NYSDEC InfoLocator web-based databases. The web-based Petroleum Bulk Storage (PBS)/ Chemical Bulk Storage (CBS)/ Major Oil Storage Facility (MOSF) registries and the NYSDEC Spills Event web-based database and findings are summarized below:

Table 1

Source Reviewed	Agency ¹	ASTM Minimum Search Distance (AMSD)	Recent Date of Record Update ²	Number of Sites within AMSD
Federal NPL List	US EPA	1.0 miles	4/24/2025	0
Federal Proposed NPL	US EPA	1.0 miles	4/24/2025	0
Federal De-listed NPL List	US EPA	1.0 miles	4/24/2025	0
Federal CERCLA List	US EPA	0.5 miles	4/21/2025	0
Federal RCRA CORRACTS List	US EPA	1.0 miles	3/6/2025	0

Source Reviewed	Agency ¹	ASTM Minimum Search Distance (AMSD)	Recent Date of Record Update ²	Number of Sites within AMSD
Federal RCRA Generators List	US EPA	0.25 miles	3/6/2025	0
Federal ERNS List	US EPA	Target Property	2/18/2025	0
LIENS 2	US EPA	Target Property	4/24/2025	0
Federal Institutional/Engineering Controls	USEPA	0.5 miles	4/29/2025	0
State/Tribal Inactive Hazardous Waste Sites	NYSDEC	0.5 miles	4/22/2025	0
Solid Waste Facility/Landfill Sites	NYSDEC	0.5 miles	4/22/2025	0
State/Tribal Registered Storage Tank Lists	NYSDEC	0.25 miles	3/3/2025	NY UST=0 NY AST=0
State/Tribal Leaking Storage Tanks	NYSDEC	0.25 miles	4/24/2024	0
State Spills Inventory	NYSDEC	0.25 miles	4/24/2024	0
State/Tribal VCP Sites	NYSDEC	0.5 miles	4/22/2025	0
State/Tribal Brownfield Sites	NYSDEC	0.5 miles	4/22/2025	0

1. US EPA – United States Environmental Protection Agency
 - a. NYSDEC – New York State Department of Environmental Conservation
2. Record updates are based on the database records reported in the Environmental Database Search conducted on 5/5/2025. The referenced dates are the most recent government releases as of the 4/29/2025 database review.

9.1 ENVIRONMENTAL LISTINGS

Fisher Associates' review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the regulatory database report present an environmental risk to the Subject Property, Fisher Associates considered the following criteria:

- The type of database on which the site is identified.
- The topographic position of the identified site relative to the Subject Property.
- The direction and distance of the identified site from the Subject Property.
- Local soil conditions in the Subject Property area.
- The known or inferred groundwater flow direction in the Subject Property area.

- The status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the Subject Property.

The Subject Property was not identified in the database review or other applicable records searches. Additionally, no environmental listings were identified in the EDR Radius Map Report, or State and Federal environmental database searches.

9.2 VAPOR INTRUSION RISK ASSESSMENT

“Vapor intrusion” is an emerging concern associated with the potential for volatile chemicals, such as petroleum fuels and chlorinated solvents to migrate through the subsurface in the gas phase from contaminated soil and/or groundwater plumes. Vapor intrusion may be a concern if subsurface volatile contaminants migrate into occupied buildings through cracks and penetrations in the building slab. A Vapor Intrusion Risk Assessment (VIRA) for potential COCs was completed for the subject property. The purpose of the VIRA was to evaluate for the potential for a Vapor Intrusion Risk, which is the presence or likely presence of COC vapors in subsurface soils at the Subject Property caused by the release of vapors from contaminated soil or groundwater on or near the Subject Property. The VIRA utilizes information regarding the potential presence of releases on or near the subject property that were collected as a normal part of the Phase I ESA process, such as governmental database records, review of governmental files, and historical data sources. Fisher Associates did not identify any Vapor Encroachment Conditions (VECs) on the Subject Property.

10.0 BUSINESS ENVIRONMENTAL RISK CONSIDERATIONS

Although not required by the ASTM Standard Practice E1527-21, based on standard industry practices, Fisher Associates has attempted to identify BER considerations for the Subject Property which are discussed in detail below.

10.1 ASBESTOS CONTAINING BUILDING MATERIALS

An asbestos containing materials (ACM) survey was not conducted as part of this Phase I ESA. No buildings have historically been or are currently located on the Subject Property, therefore, the likelihood of encountering ACMs is not identified as a BER.

10.2 LEAD BASED PAINT

A Lead-Based paint (LBP) survey was not conducted as part of this Phase I ESA. No buildings have historically been or are currently located on the Subject Property, therefore, the likelihood of encountering LBP is not identified as a BER.

10.3 INDOOR AIR QUALITY

Review of reasonably ascertainable standards and other historical sources, and site observations, have not identified the potential for presence of hazardous substances or petroleum that could result in air quality issues in future buildings if constructed at the Subject Property.

10.4 LEAD IN DRINKING WATER

Fisher Associates was not provided with any information on the drinking water quality private water wells adjacent to the Subject Property. Sampling can be conducted to verify the water quality status if future proposed development identifies the potable water source for the Subject Property.

10.5 ENVIRONMENTAL REGULATORY COMPLIANCE

Fisher Associates did not identify any documentation or observe any items related to current violations of environmental regulations at the Subject Property.

10.6 CULTURAL, HISTORIC, AND ARCHEOLOGICAL RESOURCES

Review of reasonably ascertainable records and other historical sources, and site observations, have not identified the presence of cultural, historic, or archeological resources on the Subject Property. Fisher Associates also reviewed the Cultural Resource Information System (CRIS) of Historic Places Information System. No sites of historical significance were identified on the Subject Property and the Subject Property and surrounding area is not within an Archaeological Buffer Area.

10.7 WETLANDS AND SURFACE WATERS

Fisher Associates reviewed the U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) Map, which did not identify any wetlands on the Subject Property. Fisher Associates performed a formal wetland delineation in May 2025 and documented two (2) wetlands, and an ephemeral ditch on the Subject Property. Please refer **Figure 2 – Wetland and Watercourse Delineation Maps** for additional detail.

10.8 THREATENED, ENDANGERED, AND OTHER PROTECTED SPECIES

Fisher Associates reviewed the current USFWS Endangered Species online viewer (www.fws.gov/endangered). According to this source, the following endangered, threatened, or candidate species have been identified in the area of the Subject Property; Northern Long-Eared Bat (*Myotis septentrionalis*), Indiana Bat (*Myotis sodalis*), Tricolored Bat (*Perimyotis subflavus*), and Monarch Butterfly (*Danaus plexippus*). If tree clearing is needed, a determination key should be run through the IPaC database and further consultation with USFWS will be required.

10.9 WILDLIFE SANCTUARIES AND OTHER NATURAL RESOURCE PRESERVES

The NYSDEC Environmental Resource Mapper identifies the Subject Property as being in the vicinity of rare plants and/or animals – Animals Listed as Endangered or Threatened. A consultation with NYSDEC and USFWS will be required.

10.10 BIOLOGICAL AGENTS

Review of reasonably ascertainable records and other historical sources, and site observations, have not identified the potential presence of radiological and/or biological agents on or near the Subject Property.

10.11 MOLD

The Subject Property is currently a vacant parcel with no buildings or structures, therefore, mold growth was not observed or identified during the site reconnaissance.

10.12 POTENTIAL PCB AND MERCURY CONTAINING MATERIALS

During the site reconnaissance no electrical transformers or electrical equipment that may have PCB or mercury containing components were observed.

10.13 POTENTIAL IMPACTS/IMPLICATIONS OF ENVIRONMENTAL ISSUES FOR SITE DEVELOPMENT AND CONSTRUCTION

Fisher Associates identified that water and sewer service to the Subject Property will require private groundwater well and septic system installations. Review of existing private well data in the area identified the following information regarding depth to bedrock and average well discharge rates:

DEC Water Well #	Distance from Subject Property (feet)/Direction	Depth of Well (feet)	Depth to Bedrock (feet/bgs)	Drilling Date	Average Discharge Rate (gpm)
U004432	738/SSW	198	Not reported	8/10/2005	6
U005294	888/NE	325	Not reported	11/22/2006	Not reported
U004823	911/E	300	Not reported	2/16/2006	Not reported

DEC Water Well #	Distance from Subject Property (feet)/Direction	Depth of Well (feet)	Depth to Bedrock (feet/bgs)	Drilling Date	Average Discharge Rate (gpm)
U004403	1,145/WNW	373	Not reported	8/10/2005	6
U010407	1,290/SW	560	8	11/16/2021	5
U009447	1,347/SSW	140	2	5/17/2019	12
U002991	1,616/SSE	197	Not reported	4/17/2003	15
U004844	1,730/NE	Not reported	Not reported	3/7/2006	40
U003094	1,765/ESE	448	Not reported	6/25/2003	4
U005142	1,810/WSW	146	Not reported	8/17/2006	40
U009944	1,871/E	525	4	10/4/2020	5

11.0 FINDINGS, OPINIONS AND CONCLUSIONS

Fisher Associates performed this Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-21 of the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

11.1 SIGNIFICANT DATA GAPS

Significant data gaps were not identified during this Phase I ESA.

11.2 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECS)

This assessment has not identified Recognized Environmental Conditions connected with the Subject Property.

11.3 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECS)

This assessment has not identified any CRECs in association with the Subject Property.

11.4 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECS)

This assessment has not identified any HRECs in association with the Subject Property.

11.5 VAPOR ENCROACHMENT CONDITIONS (VECS)

This assessment has not identified any VECs in association with the Subject Property.

11.6 BUSINESS ENVIRONMENTAL RISK CONSIDERATIONS (BER)

This assessment has identified BERs in association with the Subject Property. Please refer to Section 10.0.

11.7 STATEMENT OF COMPLIANCE

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-21 for the 11.06-acre Zena Highwoods Property, located in the Town of Woodstock, Ulster County, New York 12498. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has not revealed evidence of RECs connected with the property.

DRAFT

12.0 REFERENCES

ASTM Standard E1527-21 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."

Environmental Database Report (EDR), 2025. EDR City Directory, Woodstock, NY, Report ID: 7978646.24, Completed: May 06, 2025

Environmental Database Report (EDR), 2025. EDR Historical Aerial Report, Woodstock, NY, Report ID: 7978646.27, Completed: May 06, 2025

Environmental Database Report (EDR), 2025. EDR Historical Topographic Map Report, Woodstock, NY, Report ID: 7978646.22, Completed: May 05, 2025

Environmental Database Report (EDR), 2025. EDR Radius Map Report, Woodstock NY, Report ID: 7978646.11s, Completed: May 05, 2025

Environmental Database Report (EDR), 2025. EDR Sanborn® Map Report, Woodstock, NY, 7978646.21, Completed: May 05, 2025

NYSDEC, FOIL request submitted via email, Ari Cheremeteff, Fisher Associates P.C., L.S., L.A., D.P.C., submitted May 6, 2025

Ulster County FOIL requests submitted via email, Ari Cheremeteff, Fisher Associates P.C., L.S., L.A., D.P.C., submitted May 6, 2025

Cultural Resource Information System (CRIS), [Cultural Resource Information System \(CRIS\)](#), Viewed May 28, 2025

Fisher Associates Phase I Environmental Site Assessment Owner/User Questionnaire. Fisher Associates P.C., L.S., L.A., D.P.C., 2025.

NYSDEC Environmental Mapper, [Environmental Resource Mapper](#), Ari Cheremeteff, Fisher Associates P.C., L.S., L.A., D.P.C., Visited June 5, 2025

NYSDEC Info Locator, Site Investigation and Remediation Group Manager Ariadna Cheremeteff, Fisher Associates P.C., L.S., L.A., D.P.C., Visited June 5, 2025

United States Environmental Protection Agency (EPA) Envirofacts, [Envirofacts | US EPA](#), Viewed May 28, 2025

13.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

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

Author's Signature:



6/10/2025

Ariadna Cheremeteff

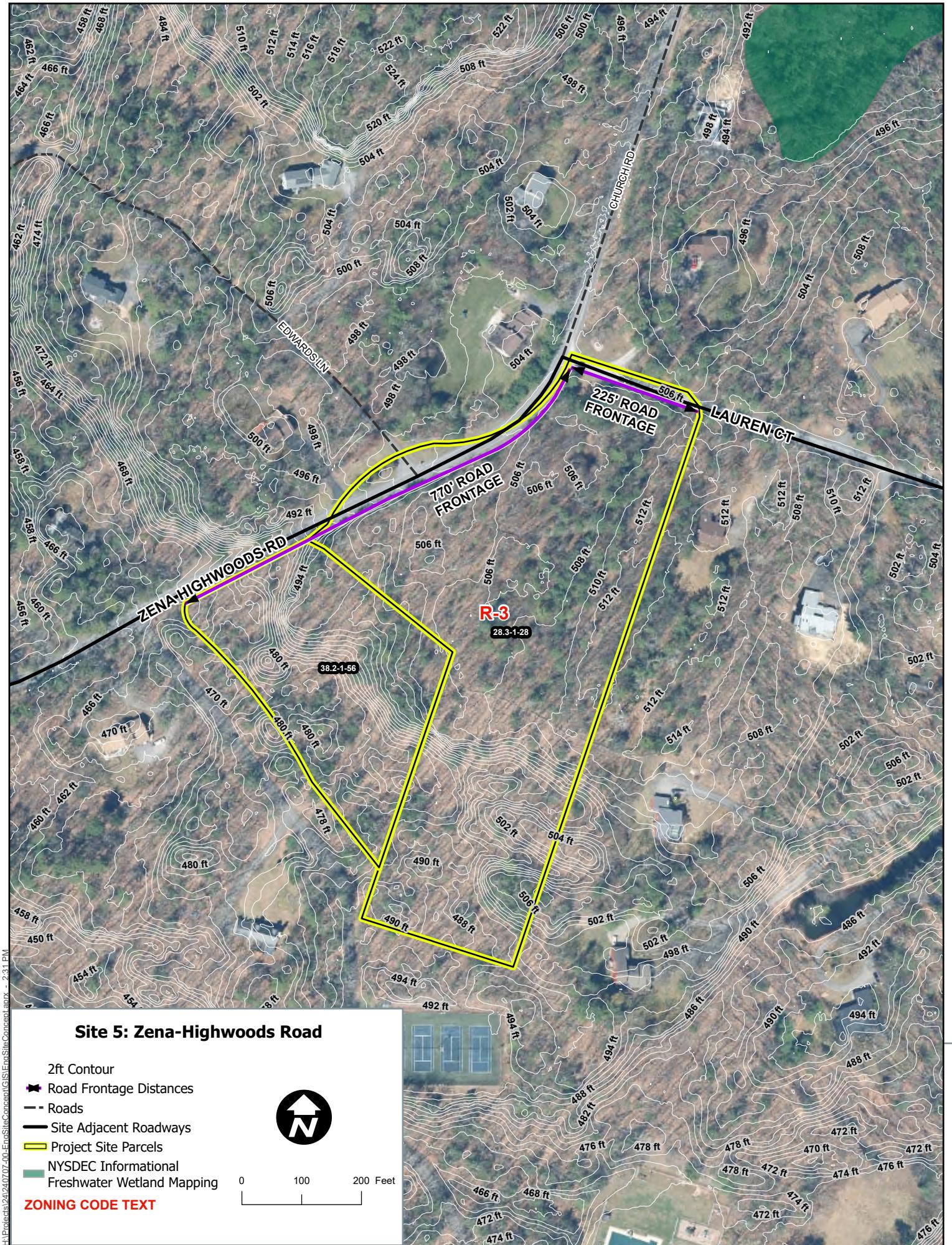
Date

Senior Reviewer's
Signature:

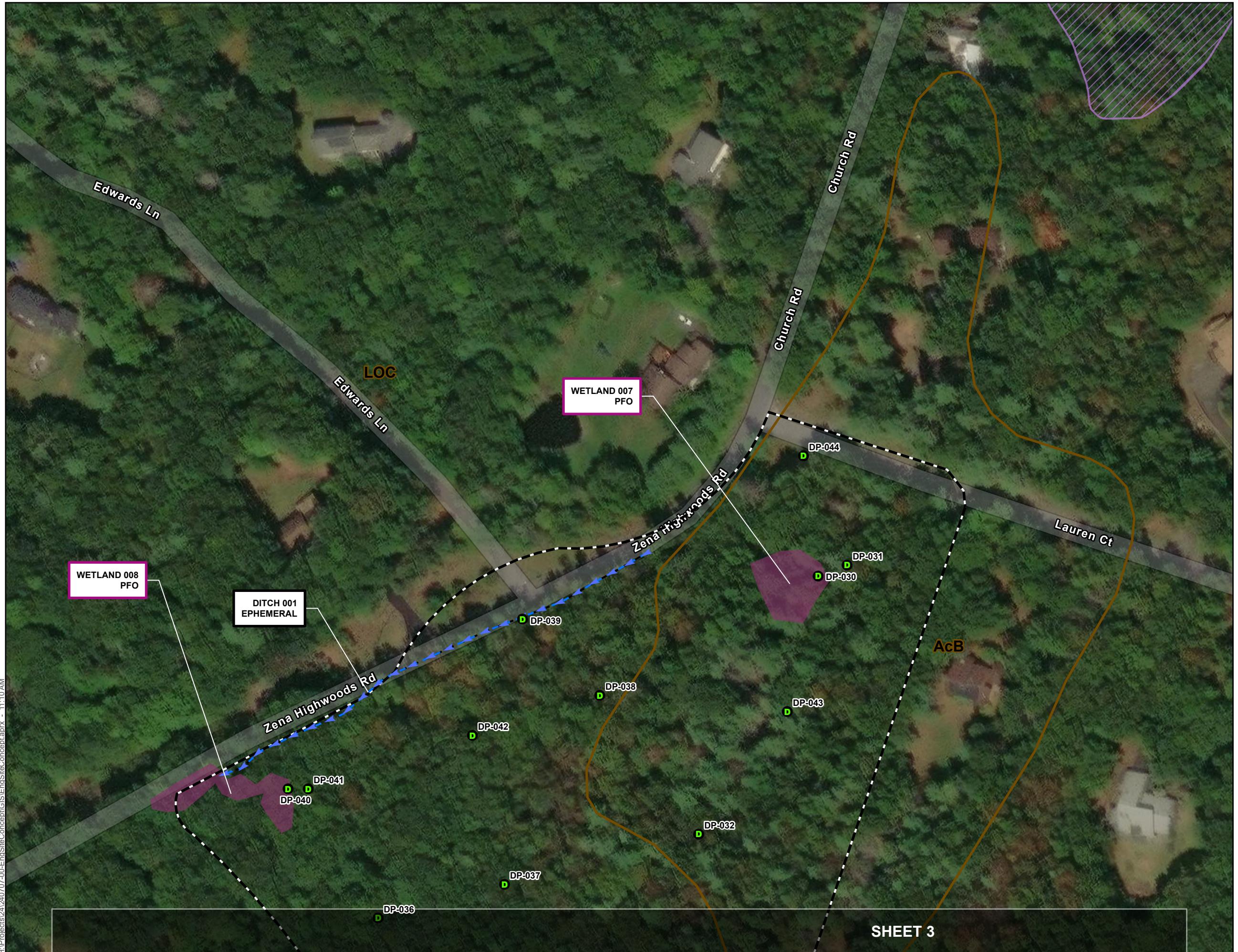
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Date

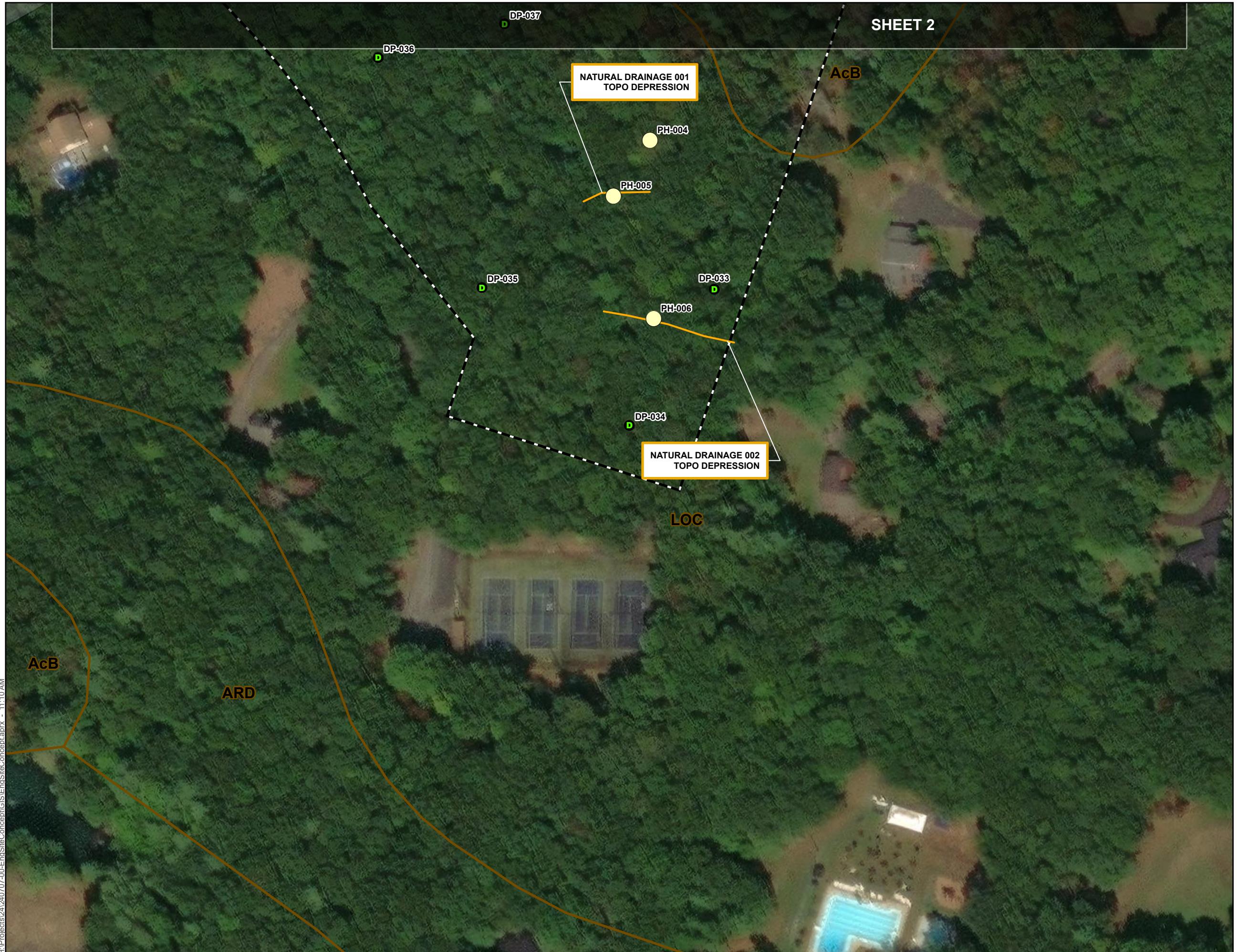
Figures



TOWN OF WOODSTOCK
ENG. STUDIES & SITE CONCEPTS PARCELS
FIGURE 2: WETLAND AND WATERCOURSE
DELINeATION MAP



TOWN OF WOODSTOCK
ENG. STUDIES & SITE CONCEPTS PARCELS
FIGURE 2: WETLAND AND WATERCOURSE
DELINEATION MAP



SHEET 3 OF 6

Appendix A

USGS Topographic Map

Zena Highwoods
Zena-Highwoods Road
Kingston, NY 12401

Inquiry Number: 7978646.22

May 05, 2025

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

05/05/25

Site Name:

Zena Highwoods
Zena-Highwoods Road
Kingston, NY 12401
EDR Inquiry # 7978646.22

Client Name:

Fisher Associates
55 Chicago Street, Suite 200
Buffalo, NY 14202
Contact: Ariadna Cheremeteff



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Fisher Associates 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.#	240707.00	Latitude:	42.021138 42° 1' 16" North
Project:	Woodstock Housing #3	Longitude:	-74.053768 -74° 3' 14" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	578339.12
		UTM Y Meters:	4652556.20
		Elevation:	501.22' above sea level

Maps Provided:

2019	1899, 1901
2016	1894
2013	1893
1980	1892
1949	
1946	
1942, 1945	
1903	

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Topo Sheet Key

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

2019 Source Sheets



Woodstock
2019
7.5-minute, 24000



Kingston West
2019
7.5-minute, 24000

2016 Source Sheets



Woodstock
2016
7.5-minute, 24000

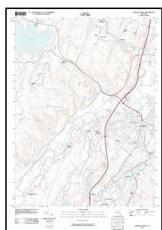


Kingston West
2016
7.5-minute, 24000

2013 Source Sheets

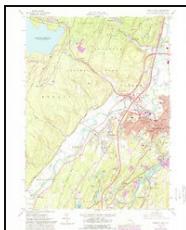


Woodstock
2013
7.5-minute, 24000



Kingston West
2013
7.5-minute, 24000

1980 Source Sheets



Kingston West
1980
7.5-minute, 24000
Aerial Photo Revised 1978

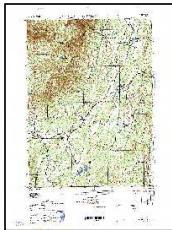


Woodstock
1980
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

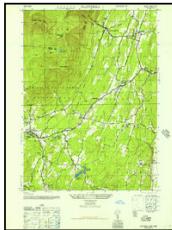
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1949 Source Sheets



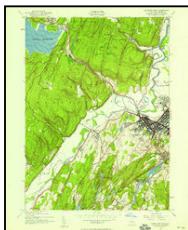
WOODSTOCK
1949
7.5-minute, 25000

1946 Source Sheets



Plattekill
1946
7.5-minute, 24000
Aerial Photo Revised 1943

1942, 1945 Source Sheets

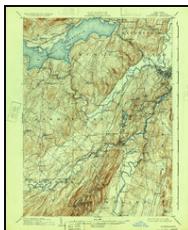


Kingston West
1942
7.5-minute, 24000
Aerial Photo Revised 1942

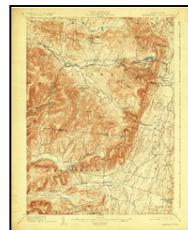


Woodstock
1945
7.5-minute, 24000
Aerial Photo Revised 1943

1903 Source Sheets



Rosendale
1903
15-minute, 62500



Kaaterskill
1903
15-minute, 62500

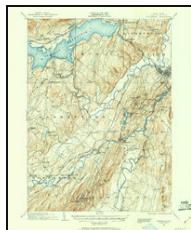
Topo Sheet Key

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

1899, 1901 Source Sheets



Kaaterskill
1899
15-minute, 62500



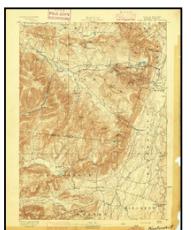
Rosendale
1901
15-minute, 62500

1894 Source Sheets



Kaaterskill
1894
15-minute, 62500

1893 Source Sheets

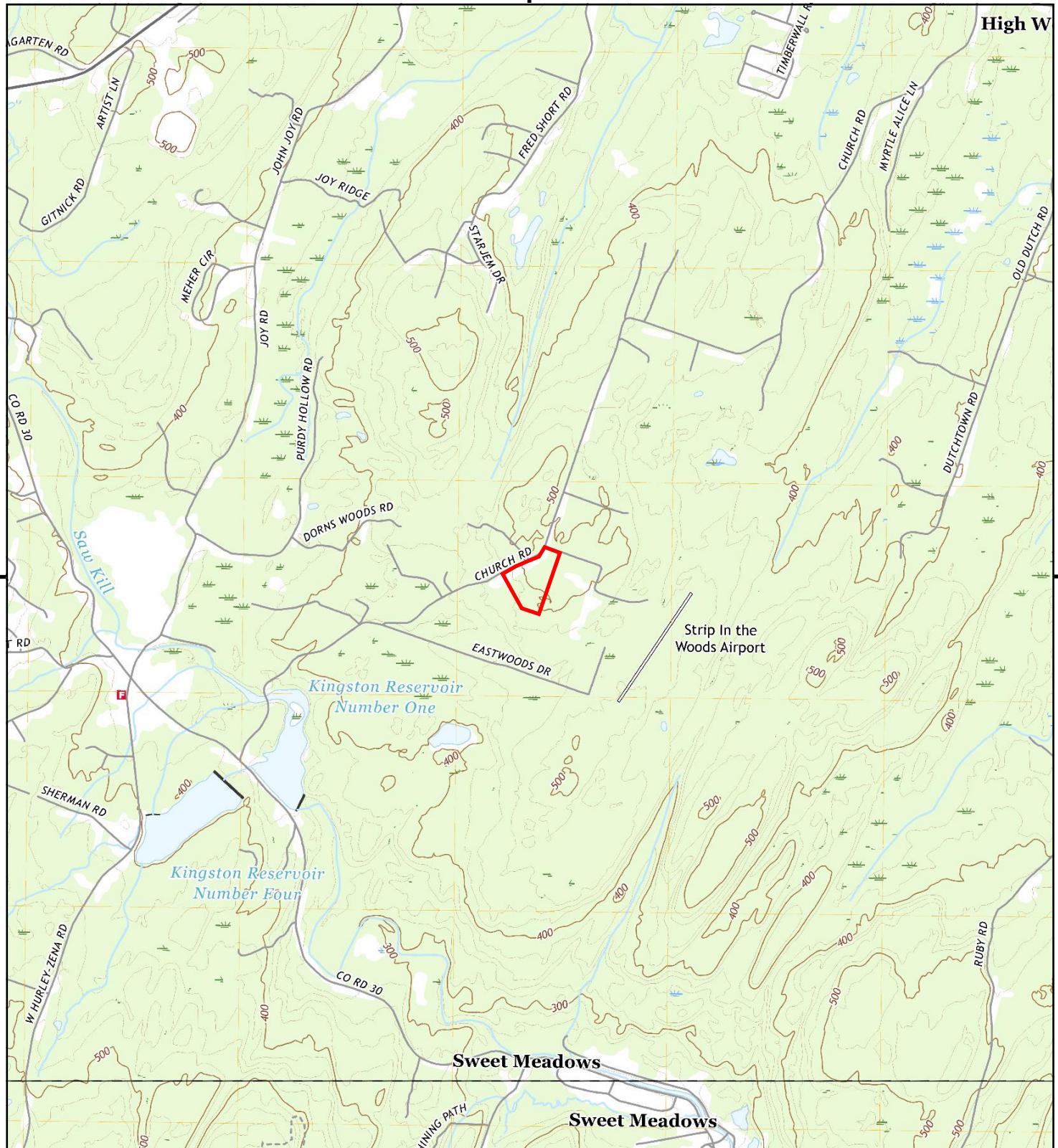


Kaaterskill
1893
15-minute, 62500

1892 Source Sheets

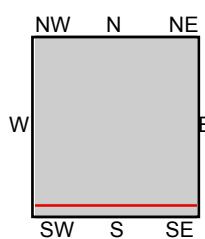


Kaaterskill
1892
15-minute, 62500



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

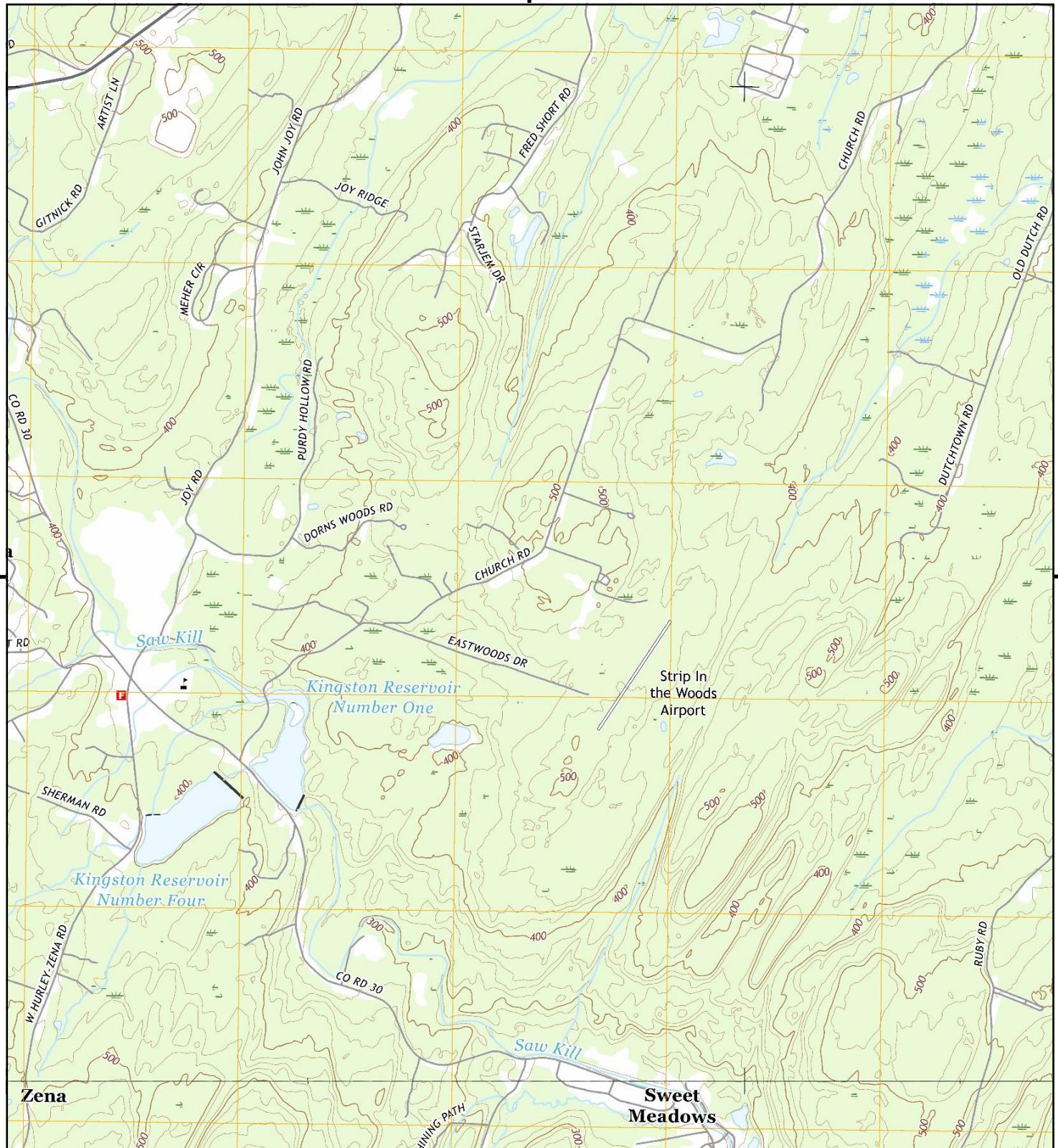
0 Miles 0.25 0.5 1 1.5



TP, Woodstock, 2019, 7.5-minute
S, Kingston West, 2019, 7.5-minute

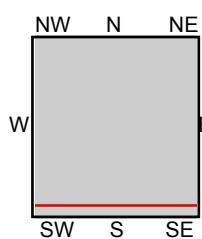
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

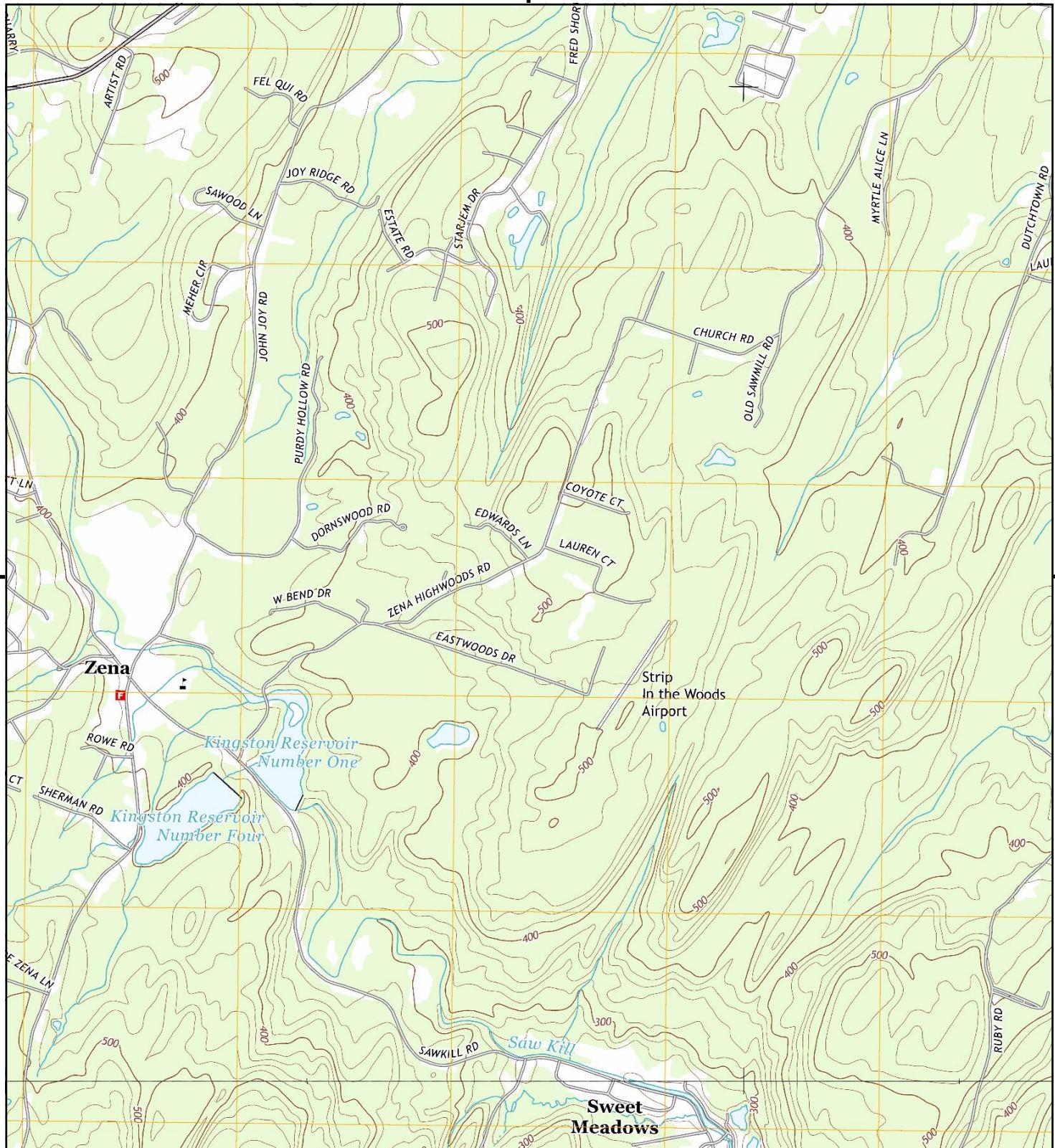
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TP, Woodstock, 2016, 7.5-minute
S, Kingston West, 2016, 7.5-minute

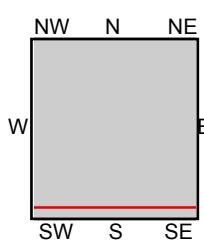
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

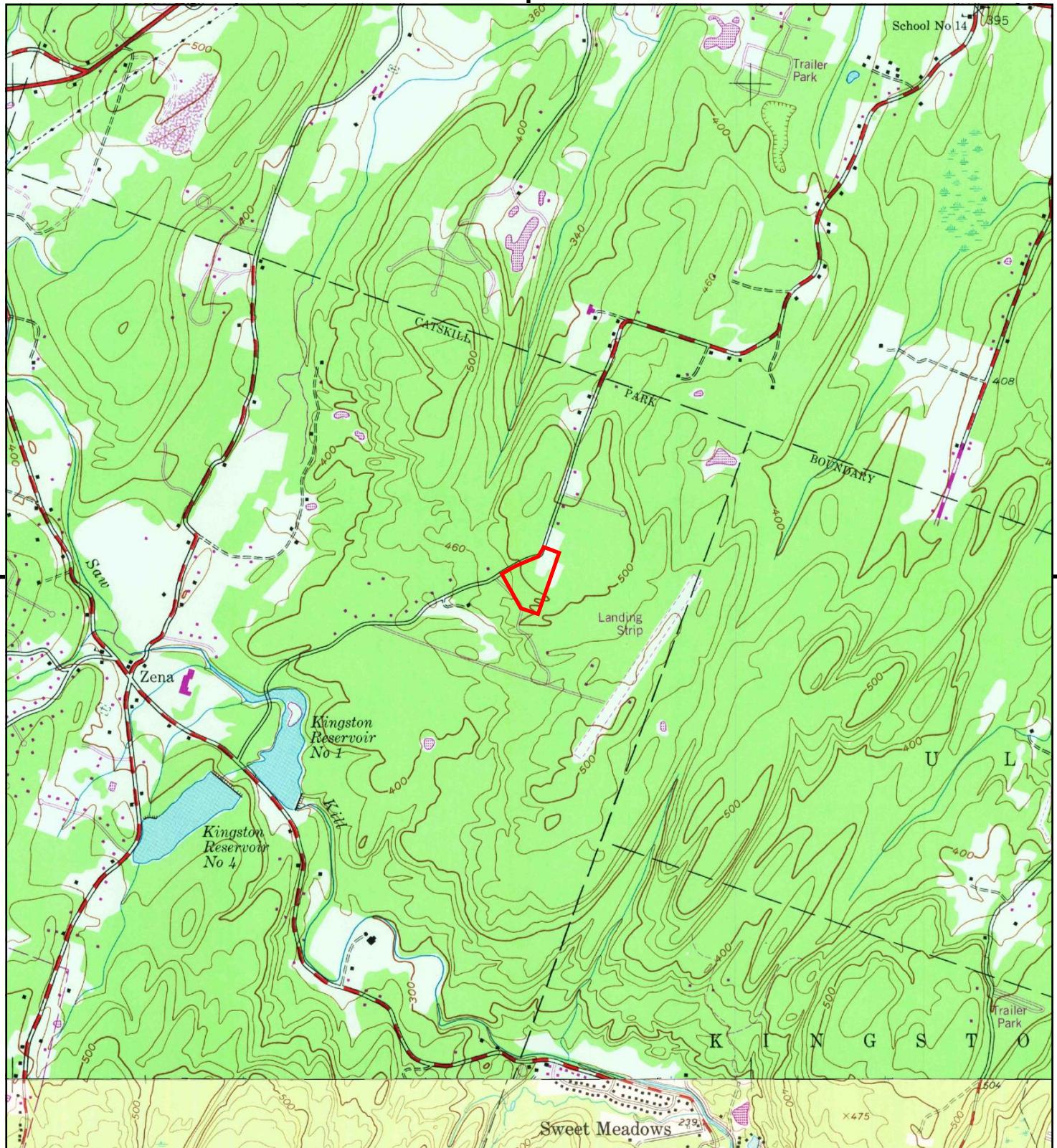
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S, Kingston West, 2013, 7.5-minute

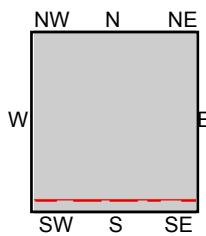
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

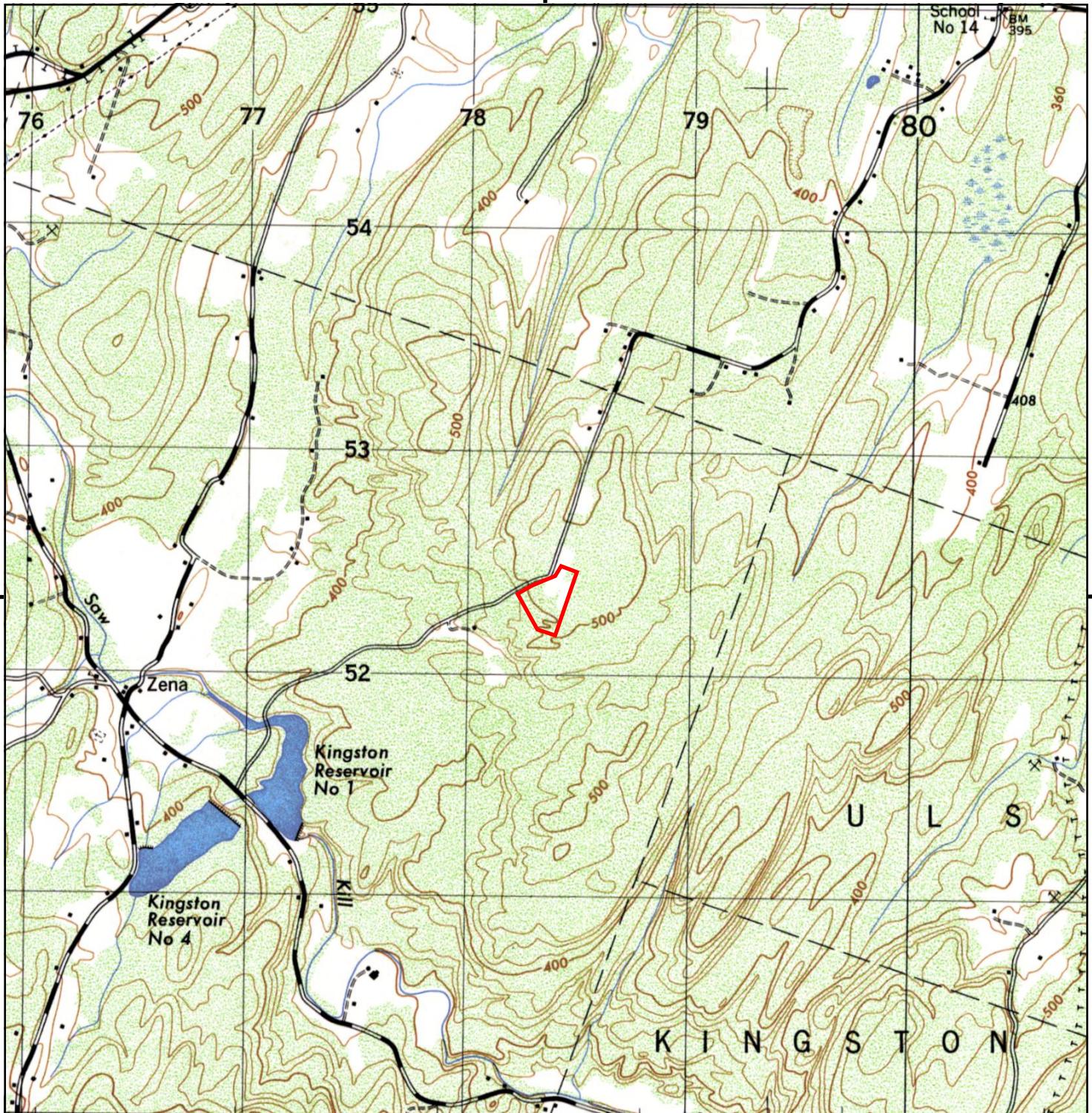
0 Miles 0.25 0.5 1 1.5



TP, Woodstock, 1980, 7.5-minute
S, Kingston West, 1980, 7.5-minute

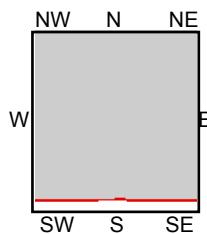
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

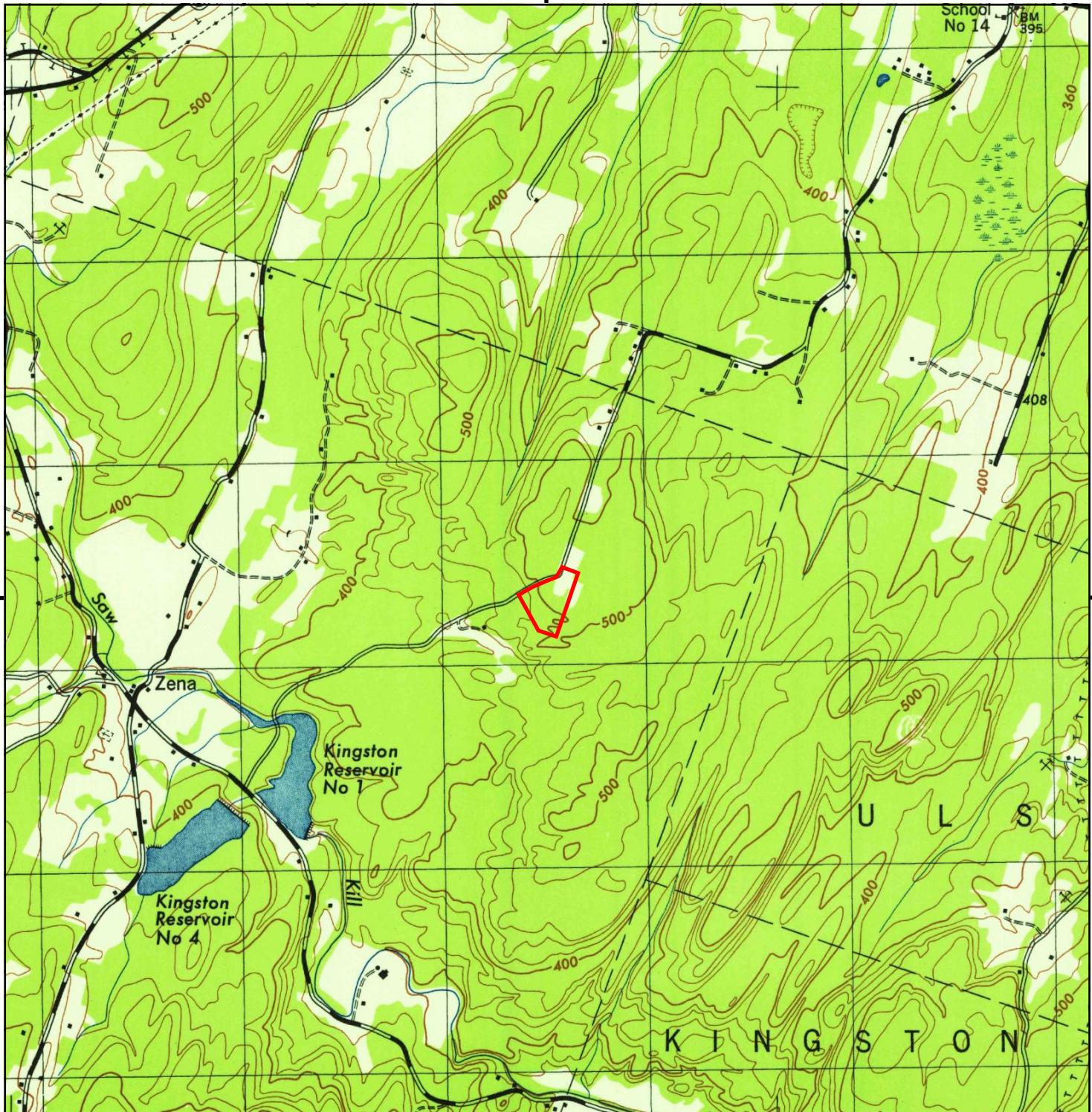
0 Miles 0.25 0.5 1 1.5



TP, WOODSTOCK, 1949, 7.5-minute

SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





UNMAPPED

UNMAPPED

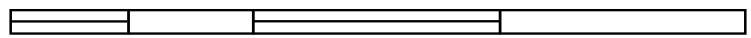
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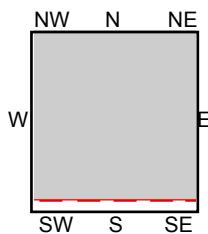
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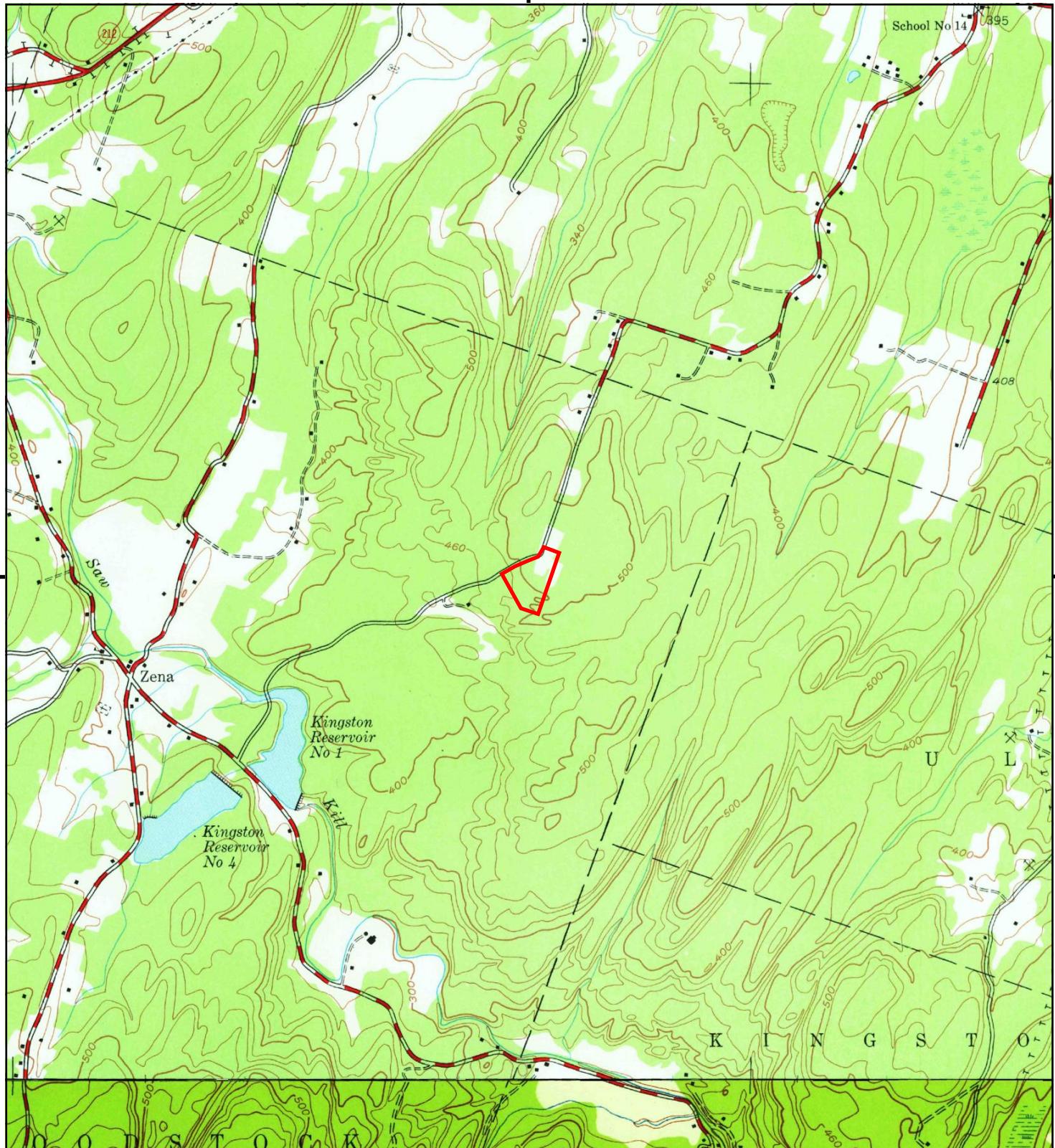
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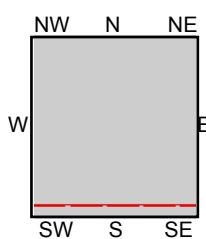
TP, Plattekill, 1946, 7.5-minute

SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

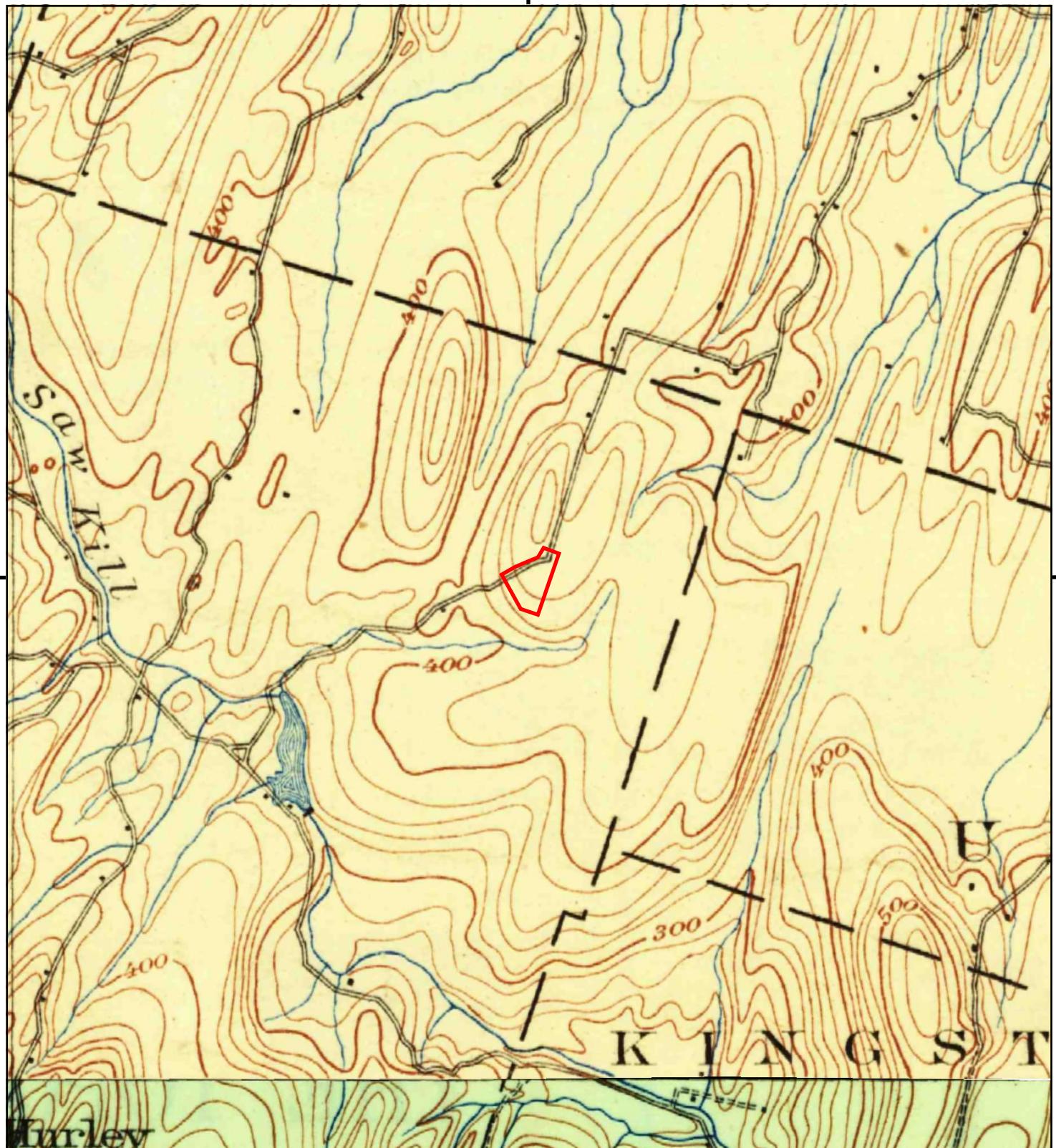


TP, Woodstock, 1945, 7.5-minute
S, Kingston West, 1942, 7.5-minute

0 Miles 0.25 0.5 1 1.5

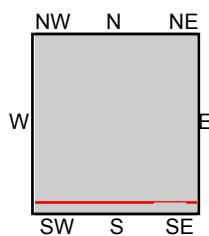
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

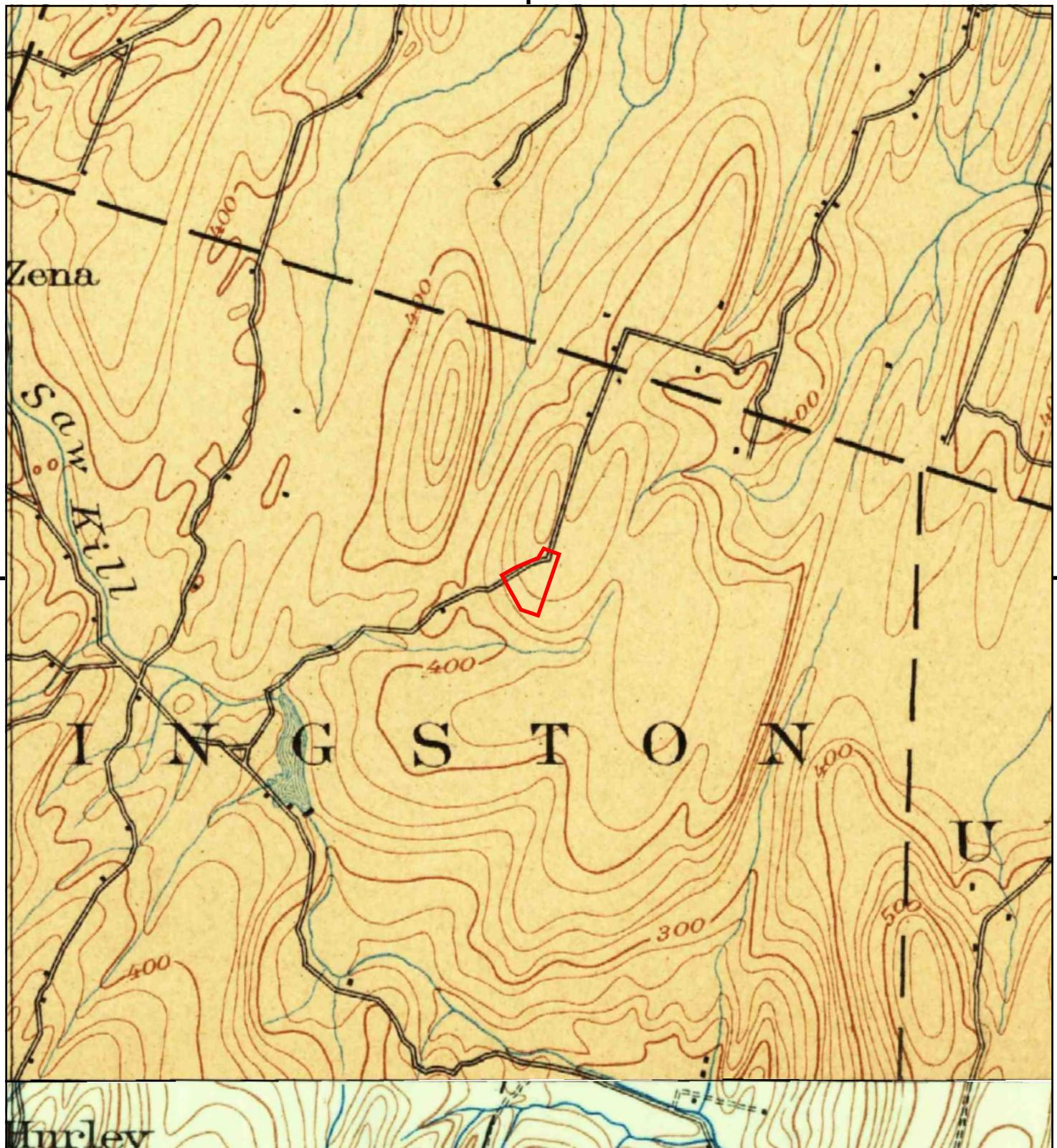
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TP, Kaaterskill, 1903, 15-minute
S, Rosendale, 1903, 15-minute

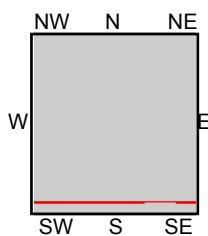
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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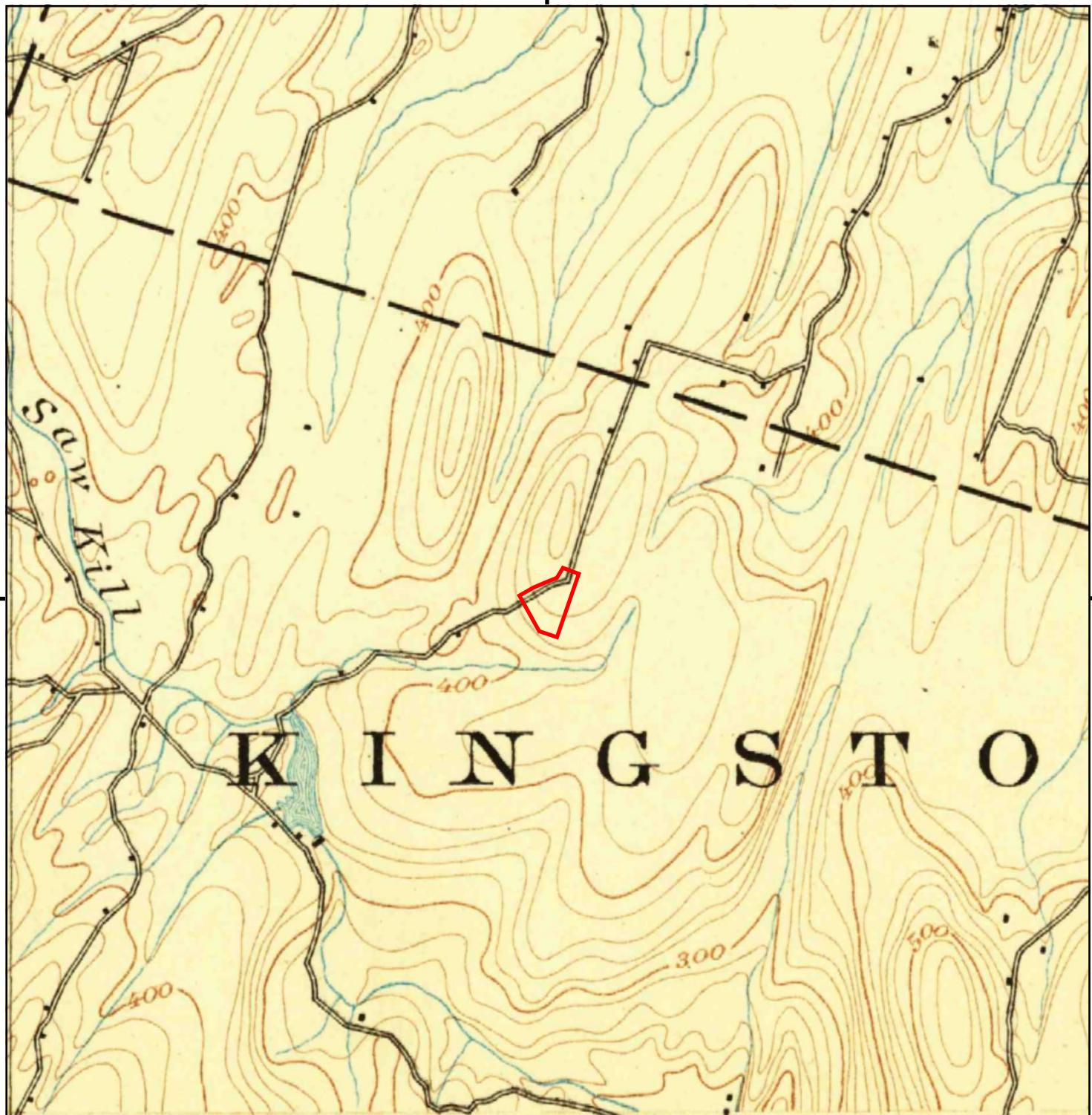
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TP, Kaaterskill, 1899, 15-minute
S, Rosendale, 1901, 15-minute

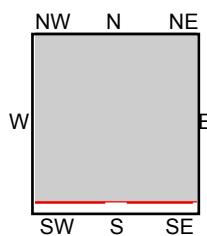
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

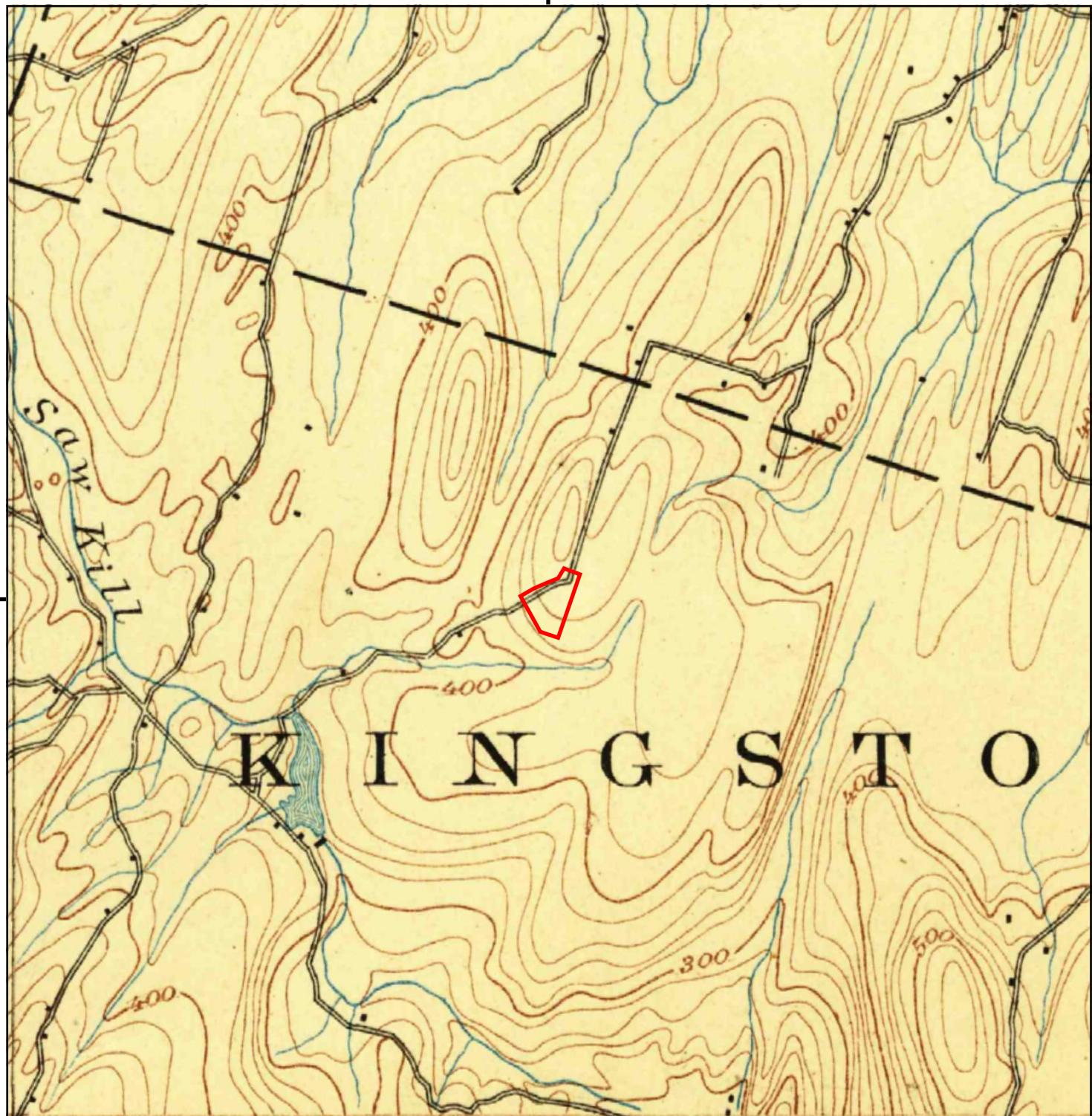
0 Miles 0.25 0.5 1 1.5



TP, Kaaterskill, 1894, 15-minute

SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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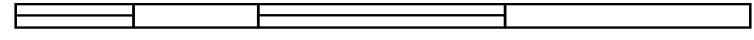
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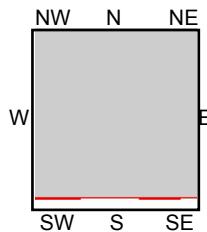
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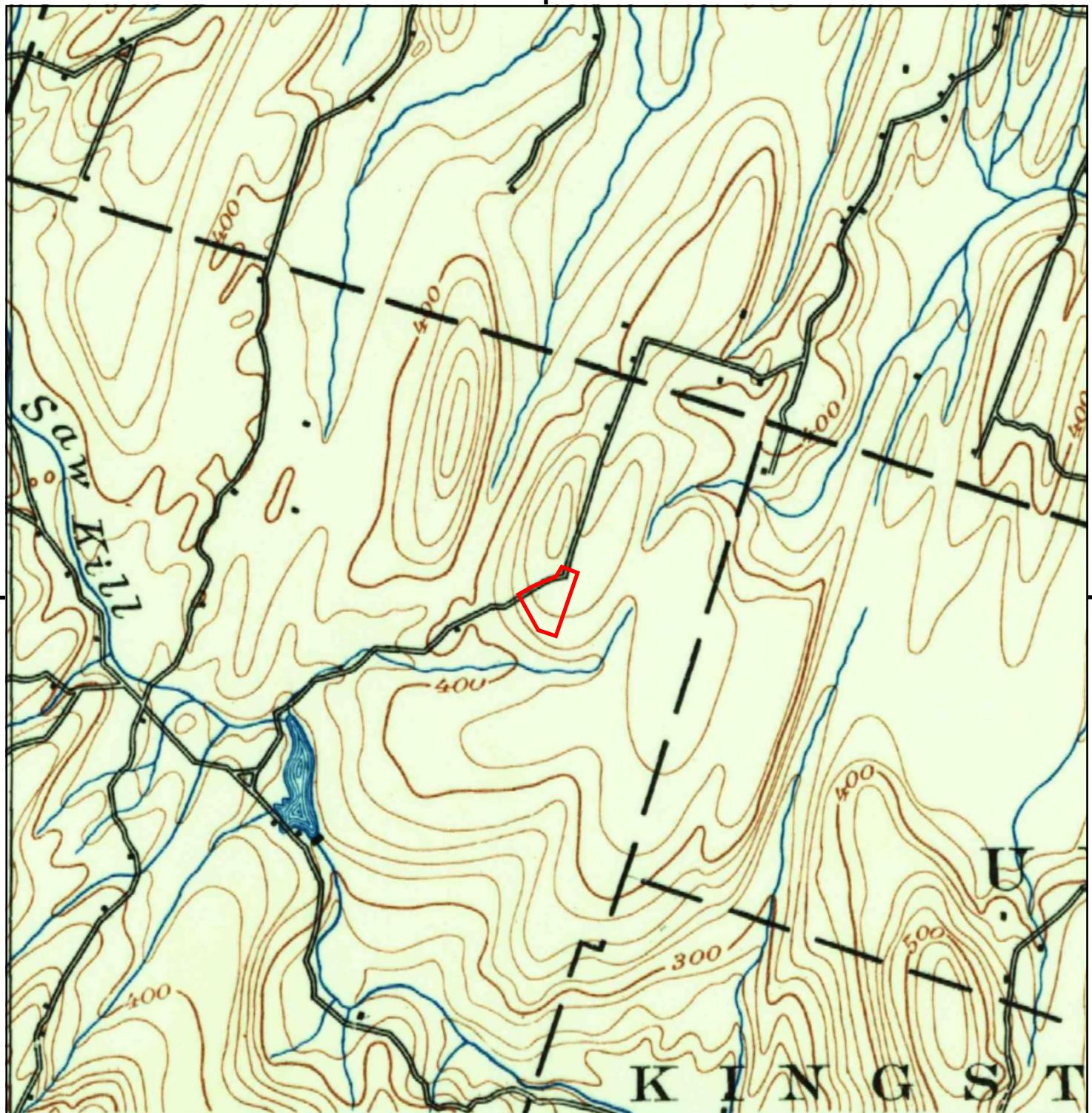
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TP, Kaaterskill, 1893, 15-minute

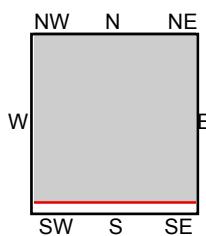
SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates





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

0 Miles 0.25 0.5 1 1.5



TP, Kaaterskill, 1892, 15-minute

SITE NAME: Zena Highwoods
ADDRESS: Zena-Highwoods Road
Kingston, NY 12401
CLIENT: Fisher Associates



Appendix B

Aerial Photographic

Zena Highwoods

Zena-Highwoods Road

Kingston, NY 12401

Inquiry Number: 7978646.27

May 06, 2025

The EDR Aerial Photo Decade Package



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

Site Name:
 Zena Highwoods
 Zena-Highwoods Road
 Kingston, NY 12401
 EDR Inquiry # 7978646.27

Client Name:
 Fisher Associates
 55 Chicago Street, Suite 200
 Buffalo, NY 14202
 Contact: Ariadna Cheremeteff



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

Search Results:

Year	Scale	Details	Source
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Flight Date: April 30, 1997	USGS
1995	1"=500'	Acquisition Date: January 01, 1995	USGS/DOQQ
1986	1"=500'	Flight Date: March 31, 1986	USDA
1978	1"=500'	Flight Date: May 11, 1978	USGS
1962	1"=500'	Flight Date: March 25, 1962	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: August 05, 1958	USGS

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.

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INQUIRY #: 7978646.27

YEAR: 2019



= 500'



INQUIRY #: 7978646.27

YEAR: 2015



= 500'



INQUIRY #: 7978646.27

YEAR: 2011



= 500'



INQUIRY #: 7978646.27

YEAR: 2008

= 500'





INQUIRY #: 7978646.27

YEAR: 2006

= 500'





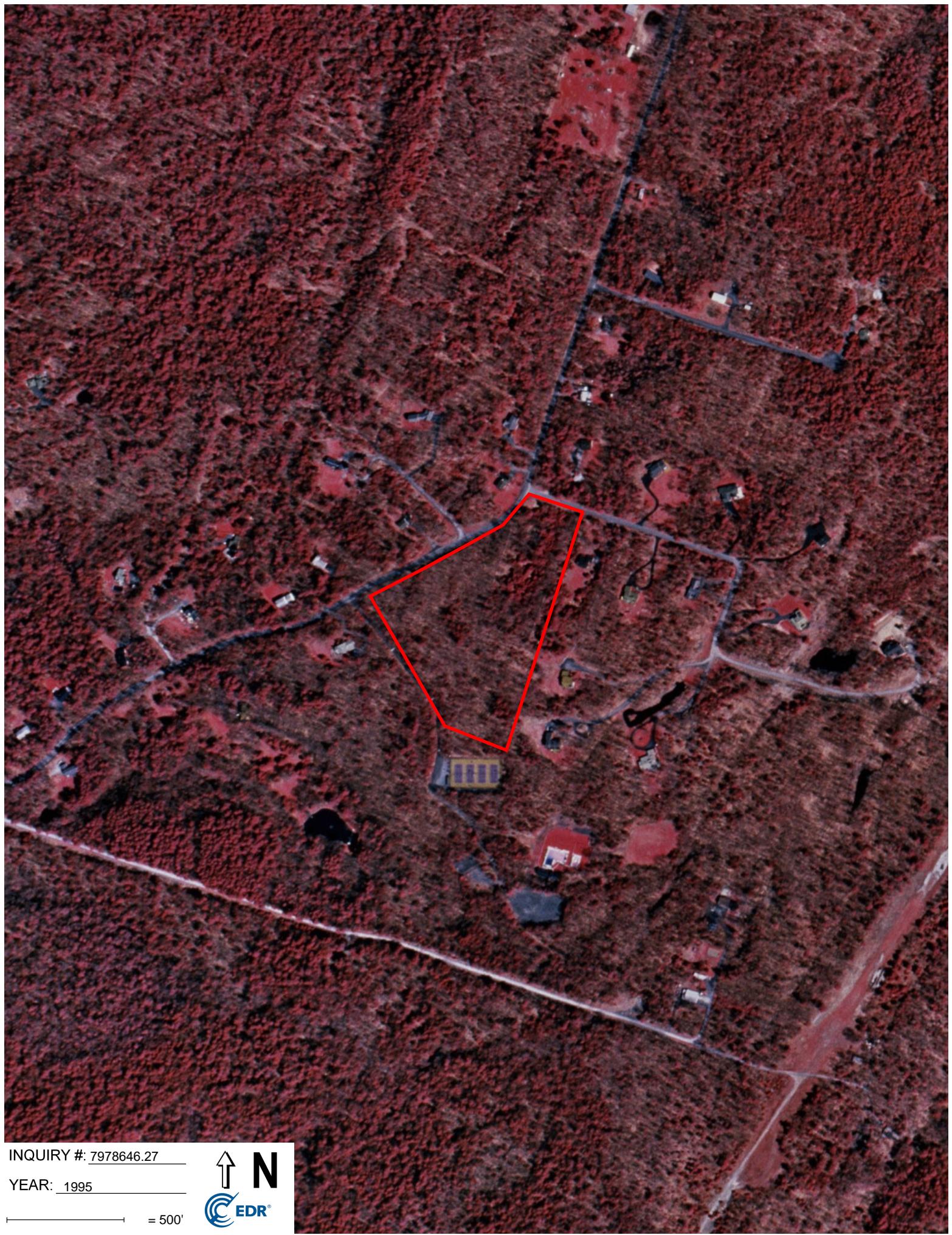
INQUIRY #: 7978646.27

YEAR: 1997

= 500'



Subject boundary not shown because it e



INQUIRY #: 7978646.27

YEAR: 1995

= 500'





INQUIRY #: 7978646.27

YEAR: 1986



= 500'



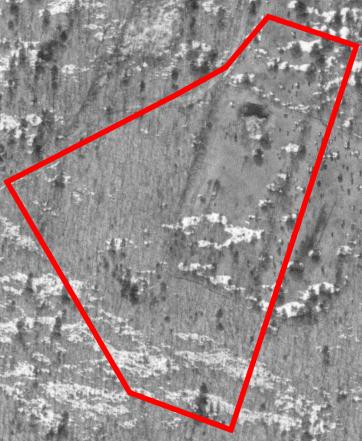
INQUIRY #: 7978646.27

YEAR: 1978

= 500'



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

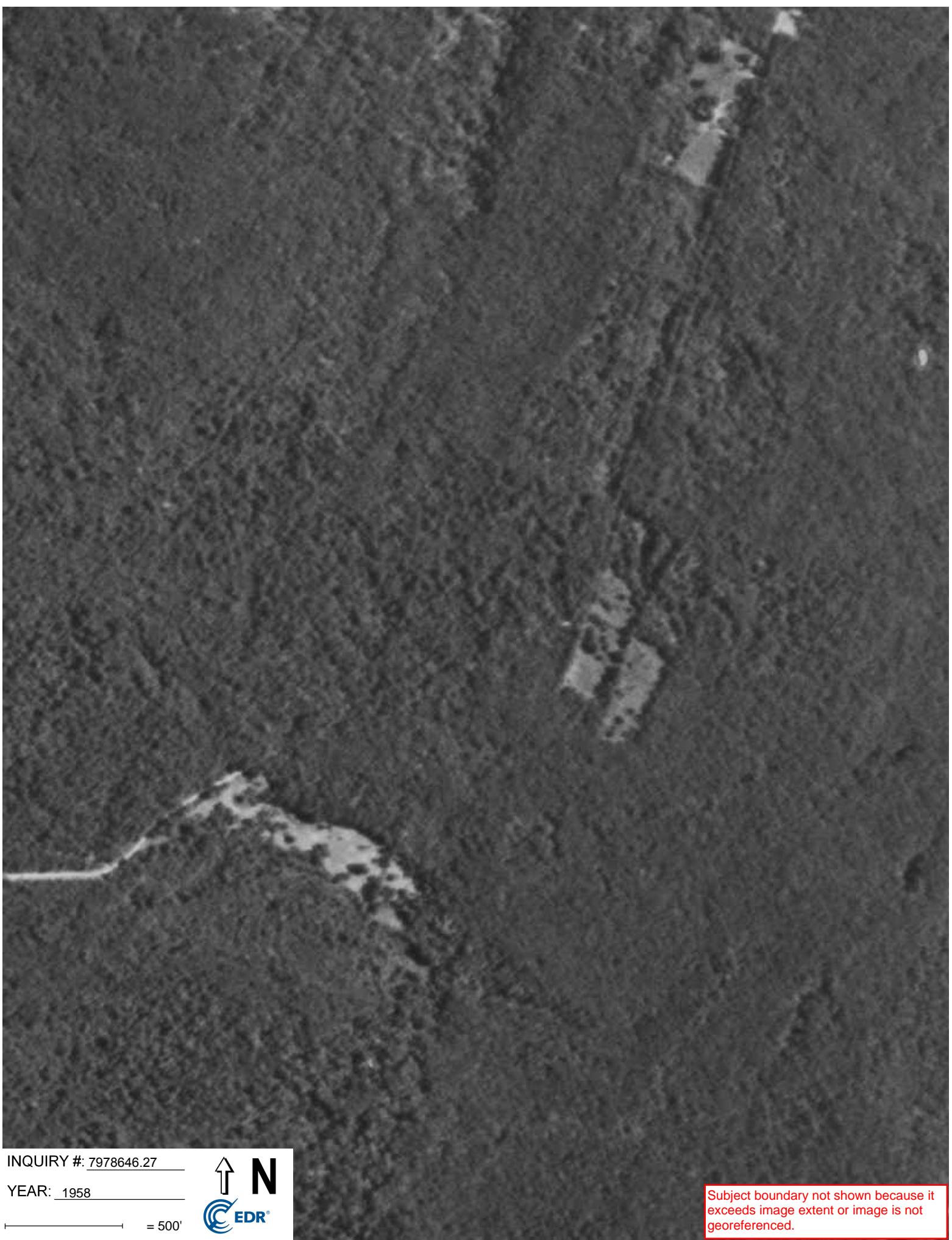


INQUIRY #: 7978646.27

YEAR: 1962

= 500'





INQUIRY #: 7978646.27

YEAR: 1958

= 500'



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

Appendix C

Phase I ESA Site Observation Notes and Field Site Map

Phase I Environmental Site Assessment - Site Reconnaissance Checklist

Site Reconnaissance Information	
Field Personnel:	Ari Cheremeteff
Project Name/FA Number:	Woodstock - Engineering Studies
Site Location/Address:	Zena Highwoods (2 parcels)
Site Reconnaissance Date:	April 29, 2025
Weather Conditions:	Sunny, 75 F
Escort:	Town of Woodstock
Limitations:	None
Current Site Operations/ Site Use(s):	Vacant Forested Land

Category	Feature	Observed	Notes
Buildings (N/A, undeveloped property)	Elevators	N/A	
	Air Compressors	N/A	
	Incinerators	N/A	
	Waste Treatment Systems	N/A	
	Presses/Stamping Equipment	N/A	
	Press Pits	N/A	
	Hydraulic Lifts or In-Ground Hoists	N/A	
	Paint Booth	N/A	
	Plating Tanks	N/A	
	Lathes, Screw Machines, etc.	N/A	
	Electrical Switches or Transformers (Mercury or PCB-containing)	N/A	
	Lead Acid Batteries	N/A	
Building Interior	Other observations	N/A	
	Mold Observed	N/A	
	Floor Drains	N/A	
	Scupper Drains	N/A	
	Sitting Water	N/A	
	Presumed Asbestos Containing Materials (PACM)	N/A	
	Sub-Slab Depressurization System (SSDS) or Radon Mitigation System (if yes is it active or passive?)	N/A	

Category	Feature	Observed	Notes
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs) – <u>include</u> tank size, contents, quantity, condition, staining on or below tank, secondary containment	N/A	
	Drums, Barrels and/or Containers > 5 gallons – include size of containers, content, quantity, condition, location of where stored, secondary containment	N/A	
	AST Inspection or Spill Prevention Documentation	N/A	
	Chip Hoppers	N/A	
	Hazardous or Petroleum Waste Streams	N/A	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground Storage Tanks	N/A	
	Fuel Dispensers	N/A	
	Sumps or Cisterns	N/A	
	Dry Wells	N/A	
	Oil/Water Separators	N/A	
	Floor Drains, Trench Drains, etc.	N/A	
Exterior Observations	Pipeline Markers	N/A	
	Stressed Vegetation	N	
	Stained Soil or Pavement	N	
	Pad or Pole Mounted Transformers and/or Capacitors	N	
	Soil Piles of Unknown Origin (Berms, Piles, Covered or Piles with Stormwater Booms, or fencing)	N	
	Exterior Dumpsters with Staining	N	
	Leachate or Other Waste Seeps	N	
	Trash, Debris, and/or Other Waste Materials	N	
	Uncontrolled Dumping or Disposal Areas	N	
	Surface Water Discoloration, Sheen or Free Product	N	
	Strong, Pungent or Noxious Odors	N	
	Storm Water Retention or Detention Pond(s)	N	
Other Exterior Observations	Pits, Ponds, Lagoons	N	
	Surface Water	N	
	Retention Ponds	N	

Category	Feature	Observed	Notes
Other Exterior Observations	Creek, Stream, or Other Navigable Waterway	N	
	Wetlands	Y	
	Parklands	Y	
	Potable Drinking Water Well(s)	N	
	Groundwater Monitoring Well(s)	N	
	Active Construction	N	
	Remedial Activities	N	
	Chillers (CFC-containing?)	N/A	
	Electrical Transformers (PCB-containing?)	N	
	Back-up Generators (diesel or natural gas?)	N/A	
	Boilers	N/A	
	Cooling Towers	N/A	
	Septic Tanks or Cisterns	N	
On Site Operations	Equipment Washing	N	
	Maintenance or Mechanical Repair	N	
	Industrial Manufacturing	N	
	Research and Development Lab(s)	N	
	Chemical storage - if yes, list type, size of container(s), location, secondary containment	N	
	On-site fueling	N	
	Generation of Hazardous Waste - if yes request EPA ID, Haz Waste Codes, Quantity Generated Annually, Storage Location(s)	N	
	Other:		
Neighboring Properties	North	Residential single family properties	
	South	Recreation park and community gym	
	East	Residential single family properties	
	West	Residential single family properties	
	Additional, if needed:		

Category	Feature	Observed	Notes
Utilities	Electric Service By:		UNK
	Gas Service By:		Propane or LPG
	Water Service By:		Private Well
	Sanitary Service By:		Septic
	Steam By:		N/A
	Other Power Source By:		N/A
	Other:		

Appendix D**Interview Questionnaire**

Contact Name:

Site Name/ID:

Relationship to Site:

Interviewer/Date:

Duration of Familiarity:

Current Owner Name:

Purchase Date:

Size of Property (Acres):

Current Use:

Current Occupant:

Number of Structures:

Building ID:	
Construction Date:	
Square Feet:	
Foundation:	
Heat Source and Fuel Type:	
Cooling Source & Fuel Type:	

Building ID:	
Construction Date:	
Square Feet:	
Foundation:	
Heat Source and Fuel Type:	
Cooling Source & Fuel Type:	

Past Use of Property:

Potable Water: **Public** **Private Well**

Sewer: **Public** **Septic (Septic Company):**

Solid Waste/Recycling (Company):

Y N Unk

 Is the property currently used for any of the following purposes?

<i>Photo Developing Lab</i>	<i>Dry Cleaning</i>
<i>Industrial/Manufacturing</i>	<i>Gasoline Station</i>
<i>Automotive Repair</i>	<i>Junkyard/Landfill</i>
<i>Hazardous Substances</i>	<i>Waste Treatment, Disposal, Recycling</i>

 Was the property used for any of the following purposes in the past?

<i>Photo Developing Lab</i>	<i>Dry Cleaning</i>
<i>Industrial/Manufacturing</i>	<i>Gasoline Station</i>
<i>Automotive Repair</i>	<i>Junkyard/Landfill</i>
<i>Hazardous Substances</i>	<i>Waste Treatment, Disposal, Recycling</i>

 Do you know of specific chemicals/wastes that are present or were once present at the property?

<i>Pesticides/Herbicides</i>	<i>Paints</i>
<i>Industrial Drums</i>	<i>Petroleum Products</i>
<i>Solvents</i>	<i>Hazardous Substances</i>
<i>Waste Tires</i>	<i>Other Chemicals/Wastes</i>
<i>Automotive/Industrial Batteries</i>	

 Do you know of any environmental cleanups that have taken place at the property?

If yes, please explain:

 Are you aware of any past or present stained soil on the property?

If yes, please explain:

 Are there any indications of leaks or spills by substances other than water (e.g foul odors, stains, corrosion)?

If yes, please explain:

 Do you know of spills or other chemical releases that have taken place at or have impacted the property?

If yes, please explain:

 Do you know of specific chemicals that are present or once were present at the property?

If yes, please explain:

 Do you know of spills or other chemical releases that have taken place or impacted the property?

If yes, please explain:

 Are you aware of any evidence of waste disposal on the property?

If yes, please explain:

Y N Unk

Any transformers, capacitors, or hydraulic equipment, or other equipment on the property that may contain or have been tested for the presence of PCBs?

If yes, please explain:

Are there currently, or have there been any septic tanks or drain fields on the property?

If yes, please explain:

Are there currently, or have there been, any pits, ponds, or lagoons located on the property that are associated with waste treatment or disposal?

If yes, please explain:

Does the property discharge waste water (other than storm water) directly to a ditch or stream on or adjacent to the property?

If yes, please explain:

Are there any oil/water separators or other features designed to minimize pollution sources?

If yes, please explain:

Does the property discharge waste water to a municipal sewer system?

If yes, please explain:

Does the property have a separate storm water sewer that is not connected to the municipal system? If so, is there a permit involved?

If yes, please explain:

Are there currently, or have there ever been, any storage tanks (aboveground or underground) on the Property?

If yes, please explain:

Are there any past or existing vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground or adjacent to any structures?

If yes, please explain:

Are you aware of any environmental cleanup liens against the property, governmental notifications relating to violations of environmental laws, or threatened, pending, or past lawsuits or administrative proceedings concerning a release or threatened release at the property?

If yes, please explain:

Y N Unk

Are there any environmental permits for the property (for example, solid waste disposal, hazardous waste generation, wastewater permits, NPDES permits, tank permits)?

If yes, please explain:

Are there any controls in place at the property to control or reduce contamination or exposure to contamination? For example, land use restrictions, caps, engineered barriers?

If yes, please explain:

Are any preparedness/prevention plans in place? For example, spill prevention countermeasures and control plans (SPCC), etc.?

If yes, please explain:

Are there any existing or former wells (potable, monitoring, dry, etc.) on the property?

If yes, please explain:

Are you aware of any previous environmental assessments or investigations conducted on the property?

If yes, please explain:

Do you have any other previously prepared documents for the property that may include information regarding the environmental status or past uses of the property?

If yes, please explain:

Please indicate if any of the following documents listed below exist and can be provided to Fisher Associates.

Y N Unk

Previous Environmental Site Assessment Reports

Site Plans and/or Surveys/Geotechnical Reports

Title Records

Environmental Compliance/Audit Reports/Risk Assessments

Environmental Permits (i.e NPDES, Solid Waste Disposal, Wastewater, etc.)

Registrations/inspection reports for underground/aboveground storage tanks

Material Data Safety Sheets

Tier II/Community Right-to-Know Plans

SPCC Plans, Safety Plans, Facility Response Plans

Recorded Activity and Use Limitations (AULs)

Environmental Violation Notices

Hazardous Waste Generator Notices or Reports

Signature:

I represent that to the best of my knowledge; the above statements and facts are true and correct. No material facts have been suppressed or misstated.

Signature: _____

Date:

Printed Name/Title:

Company:

Address:

Phone:

Please email the completed form to Fisher Associates, P.E., L.S., L.A., D.P.C.

Property Name (if applicable):

Property Address:

Parcel ID:

Current Owner Contact Information

Name: _____ Phone: _____

Address: _____ Email: _____

Property Manager Contact Information:

Same as Owner

Name: _____ Phone: _____

Address: _____ Email: _____

Site Occupant(s) Contact Information:

Same as Owner

Same as Property Manager

Name: _____ Phone: _____

Address: _____ Email: _____

Site Visit Contact Information:

Name: _____ Email: _____

Phone: _____

Reason(s) for Performing Phase I ESA/AAI Due Diligence:

Prospective Purchaser

Providing Funding/Financing

QUESTIONNAIRE **Yes** **No****Are you the current owner of the property?***If Yes, please indicate the length of ownership or date of purchase.* **Yes** **No****Are you aware of any environmental liens against the property?***If Yes, please explain.* **Yes** **No****Are you aware of any Activity Use Liens (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the property?***If yes, please explain.* **Yes** **No****Do you have any specialized knowledge or experience related to the property or nearby properties? (i.e same line of business).***If yes, please explain.* **Yes** **No****Does the purchase price being paid for this property reasonably reflect the fair market value of the property?***If no, please explain.* **Yes** **No****Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?***If yes, please explain.* **Yes** **No****Do you know the past uses of the property?***If yes, please explain.*

Yes No **Do you know of specific chemicals that are present or once were present at the property?**
If yes, please explain.

Yes No **Do you know of spills or other chemicals releases that have taken place or impacted the property?**
If yes, please explain.

Yes No **Do you know of any environmental cleanups that have taken place at the property?**
If yes, please explain.

Yes No **Based on your knowledge and experience in relation to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?**
If yes, please explain.

Yes No **Do you have any other previously prepared environmental documents for the property?**
If yes, please explain and/or provide a copy to Fisher Associates.

Please indicate if any of the following documents listed below exist and can be provided to Fisher Associates.

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Previous Environmental Site Assessment Reports
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Site Plans and/or Surveys
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Title Records
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Environmental Compliance/Audit Reports
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Environmental Permits (i.e. NPDES, Solid Waste Disposal, Wastewater, etc.)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Registrations/inspection reports for underground/aboveground storage tanks
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Material Data Safety Sheets
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Tier II/Community Right-to-Know Plans
<input type="checkbox"/> Yes	<input type="checkbox"/> No	SPCC Plans, Safety Plans, Facility Response Plans
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Any other reports
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Environmental violation notices
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Hazardous waste generator notices or reports
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Geotechnical Studies
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Risk Assessments
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Recorded Activity and Use Limitations (AULs)

User Information:

Signature:

Print Name:

Title:

Company:

Address:

Phone:

Please sign and email/fax the completed form to Fisher Associates.

Appendix E

Fire Insurance Maps

Zena Highwoods
Zena-Highwoods Road
Kingston, NY 12401

Inquiry Number: 7978646.21

May 05, 2025

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

05/05/25

Site Name:

Zena Highwoods
Zena-Highwoods Road
Kingston, NY 12401
EDR Inquiry # 7978646.21

Client Name:

Fisher Associates
55 Chicago Street, Suite 200
Buffalo, NY 14202
Contact: Ariadna Cheremeteff



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Fisher Associates 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 # D122-49C1-9495

PO # 240707.00

Project Woodstock Housing #3



Sanborn® Library search results

Certification #: D122-49C1-9495

UNMAPPED PROPERTY

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

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Fisher Associates (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.

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Appendix F

FOIL Request Letters and Response Package

#E-07

**APPLICATION FOR PUBLIC ACCESS TO RECORDS
PAGE ONE**

Clearly print or type all appropriate information below.

Name of Department Ulster County Clerk

I hereby apply to inspect the following record. (Please describe the record sought. If possible, supply a date, a file title and number, and any other information that will help locate the record desired.):

Property Tax ID/Address: 28.3-1-28 & 38.2-1-56, Zena-Highwoods Road, Woodstock, NY 12498

1. Title Record	2. Building Permits, recorded additions or demolitions.
3. Petroleum Bulk Storage	4. Property Zoning information
5. Chemical Bulk Storage	6. Titles, Deeds, Land Use Restrictions, Activity Use Limitations,

Liens

7. Spill Records	8. Fire Department Records
9. Hazardous and/or Solid Waste	10. Potable Water Supply
11. Remedial Actions under BCP, CERCLA, RCRA, Superfund, or other	
12. Utility services to property (water/sewage), discharge permits, etc.	

Signature Ari Cheremeteff **Date of Application** 05/06/2025

Printed Name Ari Cheremeteff

Mailing Address ACheremeteff@fisherassoc.com

180 Charlotte Street, Rochester, NY 14607

By submitting this form, I hereby agree to pay fees associated with the following request.

Fees

As set forth in Public Officers Law Section 87(1)(b)(iii) and (c) and 16 NYCRR 6-1.2, except when a different fee is otherwise prescribed by statute:

(a) the fee for copies of records from originals 8 1/2" x 11" and 8 1/2" x 15" shall be 25 cents per photocopy and

(b) the fee for preparing and reproducing any other record shall be the actual cost, which shall include only:

- (1) an amount equal to the hourly salary attributed to the lowest paid department employee who has the necessary skill required to prepare a copy of the requested record;
- (2) the actual cost of the storage devices or media provided to the person making the request in complying with such request; and
- (3) the actual cost to the agency of engaging an outside professional service to prepare a copy of a record, but only when the agency's information technology equipment is inadequate to prepare a copy, if such service is used to prepare the copy.

(c) Preparing and reproducing a copy shall not include search time or administrative costs, and no fee shall be charged unless at least two hours of County employee time is needed to prepare a copy of the record requested.

An additional written statement, from the requester/authorized representative, expressing consent to pay all applicable fees is required for requests expected to cost \$100 or more.

**APPLICATION FOR PUBLIC ACCESS TO RECORDS
PAGE TWO**

This page is to be completed by the Department's Records Access Officer

Date received: _____

If approved:

Number of pages requested: _____

Media costs or other actual costs: _____

Billing Date: _____

Bill Number: _____

Bill Amount: _____

Receipt of your request is acknowledged with this form. This form serves as your bill. Kindly send a check or money order for \$_____ for this FOIL request to _____.

The Records Access Officer must check A, B or C below:

A. Once the funds have been received, this FOIL request will be filled.

B. There will be a delay in supplying the requested record until: _____
For the following reason: _____

C. **If denied, check one or more of the reasons below:**

Confidential Disclosure
 Part of Investigatory Files
 Unwarranted Invasion of Privacy
 Record of which this Department is Legal Custodian, Cannot be Found
 Record is not Maintained by the Department
 Exempted by Statute Other than Freedom of Information Act
 Other (specify): _____

Signature of Record's Access Officer _____ Date _____

Notice to Applicant

You have the right to appeal a denial of this application to the FOIL Appeals Hearing Officer in writing within 30 days of the denial. The FOIL Appeals Hearing Officer must respond to you in writing within ten business days of receipt of your appeal.

FOIL Appeals Officer
Ulster County Executive's Office
244 Fair Street, PO Box 1800
Kingston, New York 12402

Tel.: (845) 340-3800

W146906-050625 - Freedom of Information Law Request

Message History (3)

 On 5/27/2025 1:44:04 PM, New York DEC FOIL Center wrote:

Subject: Freedom of Information Law Request :: W146906-050625

Body:

RE: PUBLIC RECORDS REQUEST of 5/6/2025, Reference # W146906-050625

Date: 05/27/2025

Dear Ariadna Cheremeteff,

In response to your Freedom of Information Law (FOIL) request seeking:

Fisher Associates is requesting copies of records for the property listed below in Woodstock, New York, Ulster County.

28.3-1-28 & 38.2-1-56, Zena-Highwoods Road, Woodstock, NY 12498 (see attached figure for reference).

Please include all environmental records such as:

1. Title Record
2. Petroleum Bulk Storage
3. Chemical Bulk Storage
4. Spills
5. Hazardous Waste
6. Solid Waste
7. Actions or anticipated actions under CERCLA, RCRA, Superfund
8. Building Permits, including current and previous owners and occupants, any recorded additions or demolitions, zoning information
9. Titles or Deeds, Land Use Restrictions, Activity Use Limitations, Liens
10. Fire Department Records
11. Potable Water Supply type
12. Utility services to the facility (water/sewage), including any discharge permits and information pertaining to retention ponds/basins, detention ponds, catch basins, etc.

If the estimated total fee for processing this request exceeds \$25, please notify us in writing of the estimated cost.

Thank you,

Ari Cheremeteff

Please be advised that a diligent search of the files maintained by DEC produced no responsive records.

If you believe you have been unlawfully denied access to responsive records, you have the right to appeal. Any such appeal must be submitted in writing and within thirty (30) days of the date of this email. Appeals must be directed to:

FOIL Appeals Officer
Office of General Counsel
New York State Department of Environmental Conservation
625 Broadway, 14th Floor
Albany, NY 12233-1500

Your FOIL request is now closed. For further assistance, please reference FOIL #W146906-050625, and simply reply to this email. Thank you.

Sincerely,

Region 3 FOIL Coordinator

 On 5/6/2025 11:10:20 AM, New York DEC FOIL Center wrote:

Dear Ariadna:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 5/6/2025 and given the reference number FOIL #W146906-050625 for tracking purposes. You may expect the Department's response to your request no later than **6/4/2025**.

Record Requested: Fisher Associates is requesting copies of records for the property listed below in Woodstock, New York, Ulster County.

28.3-1-28 & 38.2-1-56, Zena-Highwoods Road, Woodstock, NY 12498 (see attached figure for reference).

Please include all environmental records such as:

- 1. Title Record**
- 2. Petroleum Bulk Storage**
- 3. Chemical Bulk Storage**
- 4. Spills**
- 5. Hazardous Waste**
- 6. Solid Waste**
- 7. Actions or anticipated actions under CERCLA, RCRA, Superfund**
- 8. Building Permits, including current and previous owners and occupants, any recorded additions or demolitions, zoning information**
- 9. Titles or Deeds, Land Use Restrictions, Activity Use Limitations, Liens**
- 10. Fire Department Records**
- 11. Potable Water Supply type**
- 12. Utility services to the facility (water/sewage), including any discharge permits and information pertaining to retention ponds/basins, detention ponds, catch basins, etc.**

If the estimated total fee for processing this request exceeds \$25, please notify us in writing of the estimated cost.

**Thank you,
Ari Cheremeteff**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

[Click here to login to the FOIL Center.](#)

New York State Department of Environmental Conservation, Record Access Office

Track the issue status and respond at:

https://newyorkdec.govqa.us/WEBAPP//_rs/RequestEdit.aspx?rid=146906

 On 5/6/2025 11:10:18 AM, Ariadna Cheremeteff wrote:

Request Created on Public Portal



ULSTER COUNTY PARCEL VIEWER

38.2-1-56

Search



Basemaps

Map Layers

Measurements & Coordinates

Parcel Details

[View Full Property Details](#)
[Printable Property Report](#)
[View Official Tax Map](#)
[Share This Parcel \(link\)](#)

SBL: 28.3-1-28
Address: Zena-Highwoods Rd
City: Woodstock
Property Class: Rural vac<10
Acres: 7.86
Deed Book: 1335 | Page: 531

Owner: Woodstock Town Of
Mailing Address: 45 Comeau Dr
PO Box: undefined
Mail City: Woodstock NY
Mail Zip: 12498

Zillow



Search Results

[Clear All Results](#) [Zoom to Highlighted](#) [Remove Highlighted](#) [Download All Results](#) [Download Highlighted](#) [Clear Buffer](#) [Buffer Highlighted](#) 50 ft Buffer

	IMO	Parcel	Owner	Owner 2	Parcel Address	Parcel City	Mailing Address	Mailing 1	Mailing 2	Mailing City	Mailing Zip	Property Class	Acres	Book	Page
<input type="checkbox"/> Property Details	38.2-1-56	Woodstock Town Of			Zena-Highwoods Rd	Woodstock	45 Comeau Dr			Woodstock NY	12498	Rural vac<10	3.2		

THIS IS A LEGAL INSTRUMENT AND SHOULD BE EXECUTED UNDER SUPERVISION OF AN ATTORNEY.

THIS INDENTURE, made the 14th day of January, nineteen hundred and Seventy-Five
BETWEEN WILLIAM WHITNEY, INC., a domestic corporation having

its principal place of business at Witchtree Road, Town of Woodstock, Ulster
County, New York,

part y of the first part, and

TOWN OF WOODSTOCK, a municipal corporation in the County
of Ulster, State of New York,

part y of the second part,

WITNESSETH, that the part y of the first part, in consideration of

----O N E and 00/100----

Dollars,

lawful money of the United States, --actual consideration--

paid by the part y of the second part does hereby grant and release unto the part y of the second part,
its successors and assigns forever,

ALL THAT TRACT OR PARCEL OF LAND near Highwoods, in the Town of
Woodstock, County of Ulster and State of New York, bounded and described as
follows:

BEGINNING at a point in the center of the public road known as the
Highwoods Road leading between Zena and Highwoods, in line with an old wire
fence and northeasterly bounds of lands now belonging to James and Jean
Young, thence from the said point of beginning running along the center of
the said Highwoods Road for the following courses and distances: north 70
degrees 18 minutes 50 seconds east 71.28 feet to a point, thence north 57
degrees 19 minutes 00 seconds east 93.89 feet to a point, thence north 69
degrees 38 minutes 00 seconds east 48.13 feet to a point, thence north 85
degrees 13 minutes 30 seconds east 53.46 feet to a point, thence South 86
degrees 06 minutes 30 seconds east 96.04 feet to a point, thence north 84
degrees 05 minutes 30 seconds east 73.35 feet to a point, thence north 63
degrees 23 minutes 40 seconds east 67.34 feet to a point, thence north 44
degrees 30 minutes 10 seconds east 65.81 feet to a point, thence leaving
the said road south 57 degrees 00 minutes 00 seconds east 228.27 feet to
a point at the beginning of a curve to the right and at the intersection of
proposed roads, thence running southerly on a curve with a radius of 25 feet
for length of arc of 39.03 feet to a point, thence running south 32 degrees
26 minutes 50 seconds west 975.95 feet to a point on the northeasterly
bounds of the Zena Area Homeowners Civic Association, Inc., thence running
along the same north 58 degrees 12 minutes 30 seconds west 250.00 feet to
a point at the northwesterly corner of the said lands of the Zena Area
Homeowners Civic Association, Inc., thence running along the southeasterly
bounds of the above mentioned lands of James and Jean Young North 32 degrees
26 minutes 50 seconds east 460.93 feet to a corner, thence running along
the northeasterly bounds of said Young and old wire fence north 38 degrees
13 minutes 10 seconds west 128.71 feet to a point, thence north 35 degrees
02 minutes 50 seconds west 156.34 feet to a point, thence north 45 degrees
54 minutes 10 seconds west 84.01 feet to the point and place of beginning.
Containing 7.861 acres.

BEING a portion of the premises conveyed by Carrie Carnright and
Palmer J. Carnright, and Clifford Carnright, brothers and sister, to
William Whitney, Inc., by Deed dated August 15, 1974 and recorded in the
Ulster County Clerk's Office on August 15, 1974 in Liber 1323 of Deeds at
page 335.

The above described premises are shown on a Map of Section I of
Subdivision of Land known as Highwoods Acres as the 7.861 acre parcel to be
conveyed to the Town of Woodstock by William Whitney, Inc. in accordance
with the requirements of the Planning Board of the Town of Woodstock for
the approval of said map.

This conveyance is of premises which do not constitute all or
substantially all of the assets of the party of the first part and is made
in the regular course of business actually conducted by the party of the
first part.

TOGETHER with all right, title and interest of the part y of the first part of, in and to the land lying in
the streets and roads in front of and adjoining said premises.

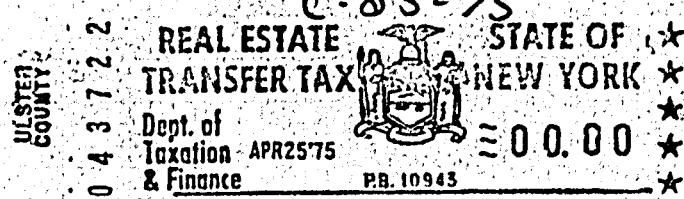
TOGETHER with the appurtenances and all the estate and rights of the part y of the first part in and to
said premises.

TO HAVE AND TO HOLD the premises herein granted unto the part y of the second part,
its successors and assigns forever.

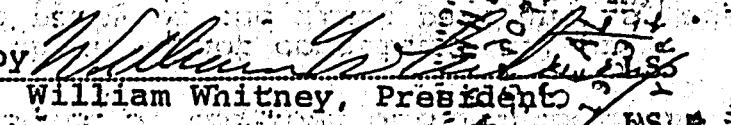
This deed is subject to the trust provisions of Section 13 of the Lien Law.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed.

In presence of:



WILLIAM WHITNEY, INC.

by  William Whitney, President

STATE OF NEW YORK, COUNTY OF

ss: STATE OF NEW YORK, COUNTY OF ULSTER

On the 14th day of January 1975, before me personally came  to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he signed the same.

On the 14th day of January 1975 before me personally came WILLIAM WHITNEY, to me known, who, being by me duly sworn, did depose and say that he resides at 100 Witchtree Road,

Woodstock, N.Y., that he is the President of WILLIAM WHITNEY, INC.

in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

 JOHN B. WILKIE

Notary Public, State of New York, My Commission Expires March 30, 1976

WILLIAM WHITNEY, INC.
TO
TOWN OF WOODSTOCK.

TOWN OF WOODSTOCK

BARGAIN AND SALE - INDIVIDUAL

Dated, January 14, 1975

The land affected by the within instrument lies in Town of Woodstock, Ulster County, New York.

Record and return to

RECORD AND RETURN TO
JOHN B. WILKIE
78 MAIN ST.
KINGSTON, N.Y.

Reserve this space for use of Recording Office.

Ulster County, N.Y.
Date of recording 1975, 1/14:32
Min. Liber 1335
of Deeds at page 531
Signed 

FILED
12:13 P.M.
APR 25 1975

ALBERT SPADA
ULSTER COUNTY CLERK



465
② 00

Appendix G

Database Search Report

Zena Highwoods
Zena-Highwoods Road
Kingston, NY 12401

Inquiry Number: 7978646.20s
May 05, 2025

The EDR Radius Map™ Report with GeoCheck®



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

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Orphan Summary	10
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
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.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

ZENA-HIGHWOODS ROAD
KINGSTON, NY 12401

COORDINATES

Latitude (North): 42.0211380 - 42° 1' 16.09"
Longitude (West): 74.0537680 - 74° 3' 13.56"
Universal Tranverse Mercator: Zone 18
UTM X (Meters): 578341.2
UTM Y (Meters): 4652342.5
Elevation: 502 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14106304 WOODSTOCK, NY
Version Date: 2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190826
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
ZENA-HIGHWOODS ROAD
KINGSTON, NY 12401

Click on Map ID to see full detail.

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

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Facility Register

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LTANKS..... Spills Information Database
HIST LTANKS..... Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Bulk Storage (PBS) Database
CBS UST..... Chemical Bulk Storage Database
MOSF UST..... Major Oil Storage Facilities Database
CBS..... Chemical Bulk Storage Site Listing
MOSF..... Major Oil Storage Facility Site Listing
AST..... Petroleum Bulk Storage
CBS AST..... Chemical Bulk Storage Database
MOSF AST..... Major Oil Storage Facilities Database
INDIAN UST..... Underground Storage Tanks on Indian Land
TANKS..... Storage Tank Facility Listing

State and tribal institutional control / engineering control registries

RES DECL..... Restrictive Declarations Listing
ENG CONTROLS..... Registry of Engineering Controls
INST CONTROL..... Registry of Institutional Controls

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Agreements
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Site List
ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE.....	Registered Waste Tire Storage & Facility List
SWRCY.....	Registered Recycling Facility List
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	Delisted National Clandestine Laboratory Register
DEL SHWS.....	Delisted Registry Sites
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST.....	Historical Petroleum Bulk Storage Database
HIST AST.....	Historical Petroleum Bulk Storage Database

Local Land Records

LIENS.....	Spill Liens Information
LIENS 2.....	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
NY Spills.....	Spills Information Database
NY Hist Spills.....	SPILLS Database
SPILLS 90.....	SPILLS 90 data from FirstSearch
SPILLS 80.....	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System

EXECUTIVE SUMMARY

COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
MINES MRDS.....	Mineral Resources Data System
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS PROJECT.....	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
UST FINDER.....	UST Finder Database
UST FINDER RELEASE.....	UST Finder Releases Database
E MANIFEST.....	Hazardous Waste Electronic Manifest System
PFAS.....	PFAS Contamination Site Location Listing
AIRS.....	Air Emissions Data
COAL ASH.....	Coal Ash Disposal Site Listing
DRYCLEANERS.....	Registered Drycleaners
E DESIGNATION.....	E DESIGNATION SITE LISTING
Financial Assurance.....	Financial Assurance Information Listing
HSWDS.....	Hazardous Substance Waste Disposal Site Inventory
LEAD.....	Lead-based Paint Testing Results
MANIFEST.....	Facility and Manifest Data
SPDES.....	State Pollutant Discharge Elimination System
VAPOR REOPENED.....	Vapor Intrusion Legacy Site List
UIC.....	Underground Injection Control Wells
COOLING TOWERS.....	Registered Cooling Towers
ILI.....	New York State Inactive Landfill Initiative
MGP.....	Manufactured Gas Plants Listing
NYC LAND USE.....	New York City Land Use Information
NYC OER.....	OER Cleanup Sites Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

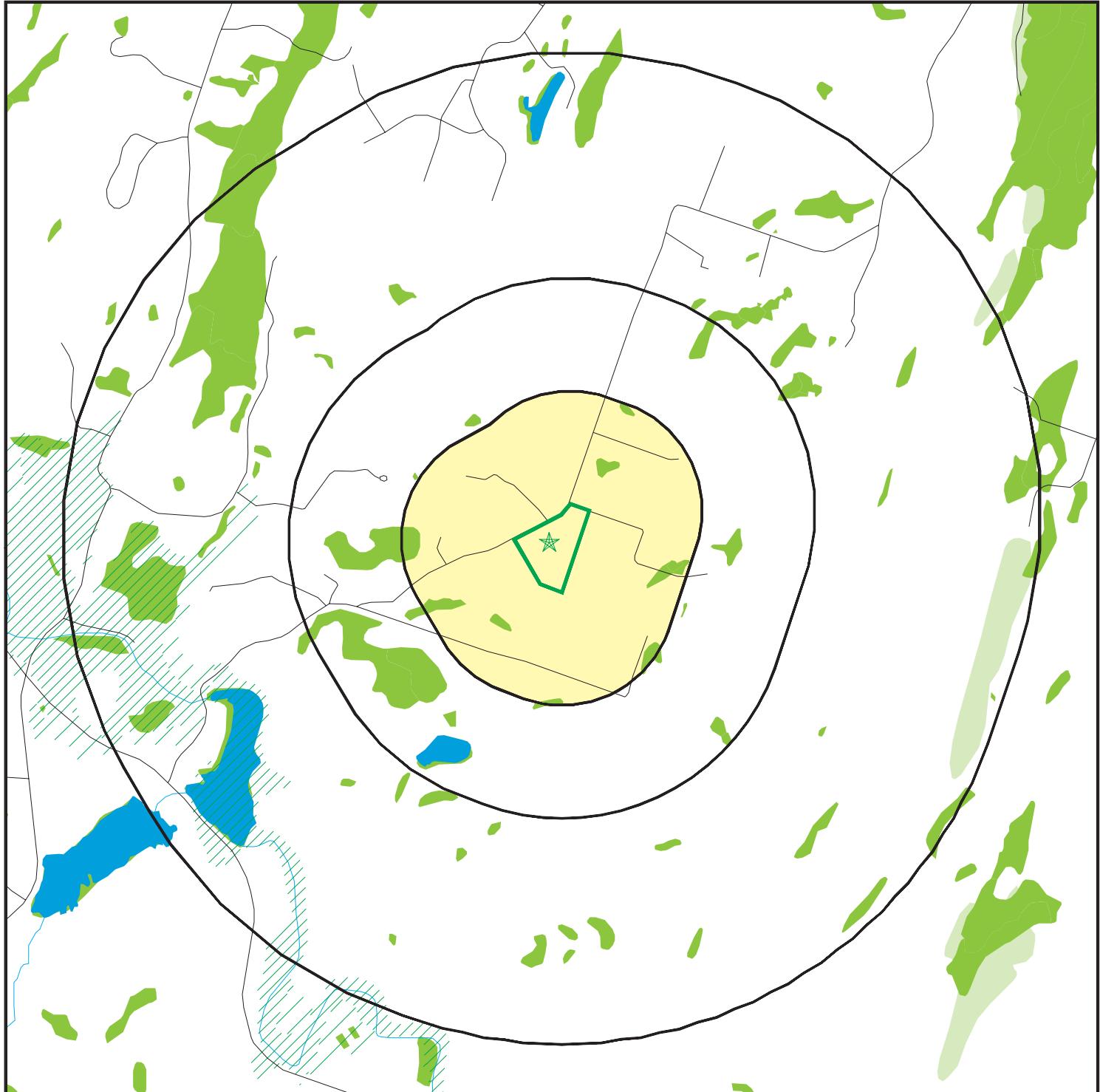
Site Name

CHRISTOBULU RESIDENCE

Database(s)

LTANKS

OVERVIEW MAP - 7978646.20S



Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

0 1/4 1/2 1 Miles



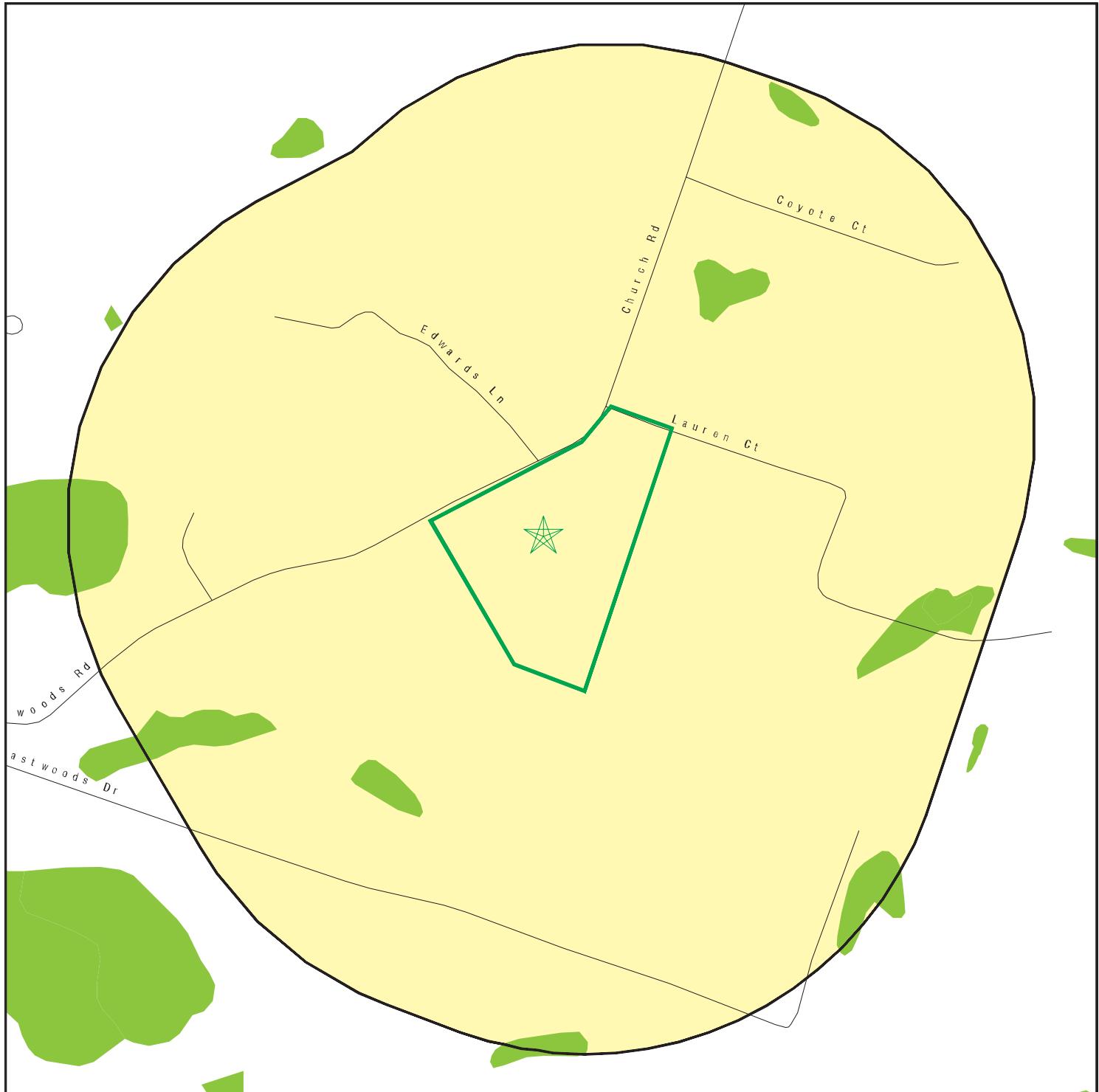
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

SITE NAME: Zena Highwoods
 ADDRESS: Zena-Highwoods Road
 Kingston NY 12401
 LAT/LONG: 42.021138 / 74.053768

CLIENT: Fisher Associates
 CONTACT: Ariadna Cheremeteff
 INQUIRY #: 7978646.20s
 DATE: May 05, 2025 4:58 pm

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

DETAIL MAP - 7978646.20S



- \ 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
- 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: Zena Highwoods
ADDRESS: Zena-Highwoods Road
 Kingston NY 12401
LAT/LONG: 42.021138 / 74.053768

CLIENT: Fisher Associates
CONTACT: Ariadna Cheremeteff
INQUIRY #: 7978646.20s
DATE: May 05, 2025 5:00 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
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
LTANKS	0.500		0	0	0	NR	NR	0
HIST LTANKS	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
RES DECL	0.125		0	NR	NR	NR	NR	0
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ERP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		0	0	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
HIST AST	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		0	NR	NR	NR	NR	0
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		0	NR	NR	NR	NR	0
SPILLS 80	0.125		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property						Total Plotted
			< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
VAPOR REOPENED	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
ILI	0.500		0	0	0	NR	NR	0
MGP	1.000		0	0	0	0	NR	0
NYC LAND USE	TP		NR	NR	NR	NR	NR	0
NYC OER	1.000		0	0	0	0	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP	NR	NR	NR	NR	NR	0
RGA LF	TP	NR	NR	NR	NR	NR	0

- Totals -- 0 0 0 0 0 0 0 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
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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

Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

NO SITES FOUND

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EDDYVILLE	S100177729	CHRISTOBULU RESIDENCE	CHURCH ROAD		LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/27/2025	Source: EPA
Date Data Arrived at EDR: 04/01/2025	Telephone: N/A
Date Made Active in Reports: 04/24/2025	Last EDR Contact: 05/01/2025
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/07/2025
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

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

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

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

EPA Region 5	EPA Region 9
Telephone 312-886-6686	Telephone: 415-947-4246

EPA Region 10	
Telephone 206-553-8665	

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/27/2025	Source: EPA
Date Data Arrived at EDR: 04/01/2025	Telephone: N/A
Date Made Active in Reports: 04/24/2025	Last EDR Contact: 05/01/2025
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/07/2025
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/27/2025	Source: EPA
Date Data Arrived at EDR: 04/01/2025	Telephone: 800-424-9346
Date Made Active in Reports: 04/24/2025	Last EDR Contact: 05/01/2025
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/21/2025
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/17/2025	Source: EPA
Date Data Arrived at EDR: 02/19/2025	Telephone: 800-424-9346
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2025	Telephone: (212) 637-3660
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2025	Telephone: (212) 637-3660
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2025	Telephone: (212) 637-3660
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2025	Telephone: (212) 637-3660
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2024	Source: Department of the Navy
Date Data Arrived at EDR: 11/25/2024	Telephone: 843-820-7326
Date Made Active in Reports: 02/18/2025	Last EDR Contact: 04/30/2025
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/18/2025
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/29/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2025	Telephone: 703-603-0695
Date Made Active in Reports: 04/29/2025	Last EDR Contact: 02/18/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/02/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/29/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2025	Telephone: 703-603-0695
Date Made Active in Reports: 04/29/2025	Last EDR Contact: 02/18/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/02/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/03/2024

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/11/2024

Telephone: 202-267-2180

Date Made Active in Reports: 02/18/2025

Last EDR Contact: 03/18/2025

Number of Days to Update: 69

Next Scheduled EDR Contact: 06/30/2025

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/03/2025

Source: Department of Environmental Conservation

Date Data Arrived at EDR: 02/04/2025

Telephone: 518-402-9622

Date Made Active in Reports: 04/22/2025

Last EDR Contact: 02/04/2025

Number of Days to Update: 77

Next Scheduled EDR Contact: 05/19/2025

Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/11/2024

Source: Department of Environmental Conservation

Date Data Arrived at EDR: 12/17/2024

Telephone: 518-402-8678

Date Made Active in Reports: 12/27/2024

Last EDR Contact: 03/19/2025

Number of Days to Update: 10

Next Scheduled EDR Contact: 07/07/2025

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/18/2024

Source: EPA, Region 5

Date Data Arrived at EDR: 01/16/2025

Telephone: 312-886-7439

Date Made Active in Reports: 04/07/2025

Last EDR Contact: 04/09/2025

Number of Days to Update: 81

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/07/2025

Source: Environmental Protection Agency

Date Data Arrived at EDR: 01/16/2025

Telephone: 415-972-3372

Date Made Active in Reports: 04/07/2025

Last EDR Contact: 04/09/2025

Number of Days to Update: 81

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

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

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/02/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 79
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 04/23/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 1

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 02/28/2025
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 02/28/2025
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/12/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 12/06/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 82

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 03/13/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a 'D' on zoning maps.

Date of Government Version: 12/04/2024
Date Data Arrived at EDR: 12/09/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 84

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 03/11/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/04/2024
Date Made Active in Reports: 02/25/2025
Number of Days to Update: 83

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024

Source: Environmental Protection Agency

Date Data Arrived at EDR: 09/11/2024

Telephone: 202-566-2777

Date Made Active in Reports: 12/06/2024

Last EDR Contact: 03/12/2025

Number of Days to Update: 86

Next Scheduled EDR Contact: 06/23/2025

Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/11/2024

Source: Department of Environmental Conservation

Date Data Arrived at EDR: 12/17/2024

Telephone: 518-402-8678

Date Made Active in Reports: 12/27/2024

Last EDR Contact: 03/19/2025

Number of Days to Update: 10

Next Scheduled EDR Contact: 07/07/2025

Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018

Source: Department of Environmental Conservation

Date Data Arrived at EDR: 04/06/2018

Telephone: 518-402-8694

Date Made Active in Reports: 06/08/2018

Last EDR Contact: 02/26/2025

Number of Days to Update: 63

Next Scheduled EDR Contact: 06/16/2025

Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Source: Environmental Protection Agency

Date Data Arrived at EDR: 12/03/2007

Telephone: 703-308-8245

Date Made Active in Reports: 01/24/2008

Last EDR Contact: 04/21/2025

Number of Days to Update: 52

Next Scheduled EDR Contact: 08/04/2025

Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Subtitle D Criteria.

Date of Government Version: 06/30/1985

Source: Environmental Protection Agency

Date Data Arrived at EDR: 08/09/2004

Telephone: 800-424-9346

Date Made Active in Reports: 09/17/2004

Last EDR Contact: 06/09/2004

Number of Days to Update: 39

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.
Date of Government Version: 01/24/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 04/11/2025
Number of Days to Update: 74

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 78

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/02/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 79

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 72

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/03/2025
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/14/2025
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/03/2025
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/19/2025
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/17/2025	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2025	Telephone: 202-566-1917
Date Made Active in Reports: 03/06/2025	Last EDR Contact: 03/18/2025
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/30/2025
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/28/2025
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/11/2025
	Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/01/2025
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/11/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/10/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 7

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/13/2025
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/03/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/01/2025
Date Data Arrived at EDR: 01/17/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 80
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995 Source: EPA
Date Data Arrived at EDR: 07/03/1995 Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995 Last EDR Contact: 06/02/2008
Number of Days to Update: 35 Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/26/2025 Source: EPA
Date Data Arrived at EDR: 03/03/2025 Telephone: 202-564-6023
Date Made Active in Reports: 04/07/2025 Last EDR Contact: 05/01/2025
Number of Days to Update: 35 Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009 Last EDR Contact: 08/18/2017
Number of Days to Update: 25 Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Source: EPA
Date Data Arrived at EDR: 04/16/2009 Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009 Last EDR Contact: 08/18/2017
Number of Days to Update: 25 Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/12/2024 Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/17/2024 Telephone: 301-415-0717
Date Made Active in Reports: 11/19/2024 Last EDR Contact: 04/10/2025
Number of Days to Update: 33 Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023 Source: Department of Energy
Date Data Arrived at EDR: 10/16/2024 Telephone: 202-586-8719
Date Made Active in Reports: 01/14/2025 Last EDR Contact: 02/24/2025
Number of Days to Update: 90 Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019 Telephone: N/A
Date Made Active in Reports: 11/11/2019 Last EDR Contact: 02/24/2025
Number of Days to Update: 251 Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019 Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019 Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020 Last EDR Contact: 05/01/2025
Number of Days to Update: 96 Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/20/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 89

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 84

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/01/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 02/12/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 15

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 02/19/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 27

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 30

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/18/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/11/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 90

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/13/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 75

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/17/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

PFAS 3: PFAS Environmental Site Remediation List

A list of records included in the Environmental Remediation database whose material is listed as Perfluorooctanoic Acid or Perfluorooctane Sulfonic Acid.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/22/2025
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9759
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

PFAS 2: New York State Inactive Landfill Initiative

A list of landfills that were investigated and the analytical results for PFOA and PFOS for those landfills. These data represent the landfills from the ILI database that were investigated.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 01/09/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/11/2025
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 12/18/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 03/10/2025
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 11/27/2024
Date Data Arrived at EDR: 12/09/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/07/2024
Date Data Arrived at EDR: 12/19/2024
Date Made Active in Reports: 03/11/2025
Number of Days to Update: 82

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/11/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Semi-Annually

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/11/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 01/22/2025
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/30/2024
Date Data Arrived at EDR: 08/30/2024
Date Made Active in Reports: 09/13/2024
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 01/28/2025
Date Made Active in Reports: 04/11/2025
Number of Days to Update: 73

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 04/29/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City's Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/28/2025
Date Made Active in Reports: 04/11/2025
Number of Days to Update: 73

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 04/29/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 01/09/2025
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 04/04/2025
Number of Days to Update: 79

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 11/19/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/14/2025
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/07/2025
Date Made Active in Reports: 03/25/2025
Number of Days to Update: 77

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ILI: New York State Inactive Landfill Initiative

A solid waste site priority list of mitigation and remedial activities to address sites causing, or substantially contributing to, impairments of drinking water quality. Inactive solid waste disposal sites, primarily landfills, and their potential impact on New York's drinking water resources from site-related contaminants, with a focus on emerging contaminants.

Date of Government Version: 05/16/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/26/2024
Number of Days to Update: 88

Source: Department of Environmental Conservation
Telephone: 518-402-8671
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

NYC OER: OER Cleanup Sites Listing

Properties remediated under OER's oversight, both in the E-Designation program and the NYC Voluntary Cleanup Program. Includes sites completed and in progress.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/04/2024
Date Made Active in Reports: 02/25/2025
Number of Days to Update: 83

Source: Office of Environmental Remediation
Telephone: 212-788-8841
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

MGP: Manufactured Gas Plants Listing

From the late 1800's to the mid 1900's, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel for heating, cooking, and lighting. Today, the New York State DEC is overseeing the investigation and cleanup of contamination left behind from these plants.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/25/2025
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

NYC LAND USE: New York City Land Use Information

Land use colors

Date of Government Version: 09/30/2024
Date Data Arrived at EDR: 12/09/2024
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 87

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 03/11/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/20/2019	Telephone: 607-753-5035
Date Made Active in Reports: 10/16/2019	Last EDR Contact: 04/16/2025
Number of Days to Update: 57	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/20/2019	Telephone: 607-753-5035
Date Made Active in Reports: 10/16/2019	Last EDR Contact: 04/16/2025
Number of Days to Update: 57	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023	Source: Nassau County Health Department
Date Data Arrived at EDR: 11/28/2023	Telephone: 516-571-3314
Date Made Active in Reports: 02/06/2024	Last EDR Contact: 04/16/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 04/16/2025
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 11/27/2023	Source: Nassau County Department of Health
Date Data Arrived at EDR: 11/28/2023	Telephone: 516-227-9691
Date Made Active in Reports: 02/06/2024	Last EDR Contact: 04/16/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: No Update Planned

UST - NASSAU: Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023	Source: Nassau County Health Department
Date Data Arrived at EDR: 11/28/2023	Telephone: 516-571-3314
Date Made Active in Reports: 02/06/2024	Last EDR Contact: 04/16/2025
Number of Days to Update: 70	Next Scheduled EDR Contact: 08/04/2025
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST NCFM: Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County. Rockland County's Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state's database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/14/2024
Date Made Active in Reports: 02/07/2025
Number of Days to Update: 85

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/14/2024
Date Made Active in Reports: 02/07/2025
Number of Days to Update: 85

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/02/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 79

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ZENA HIGHWOODS
ZENA-HIGHWOODS ROAD
KINGSTON, NY 12401

TARGET PROPERTY COORDINATES

Latitude (North):	42.021138 - 42° 1' 16.10"
Longitude (West):	74.053768 - 74° 3' 13.56"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	578341.2
UTM Y (Meters):	4652342.5
Elevation:	502 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 14106304 WOODSTOCK, NY
Version Date: 2019

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

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

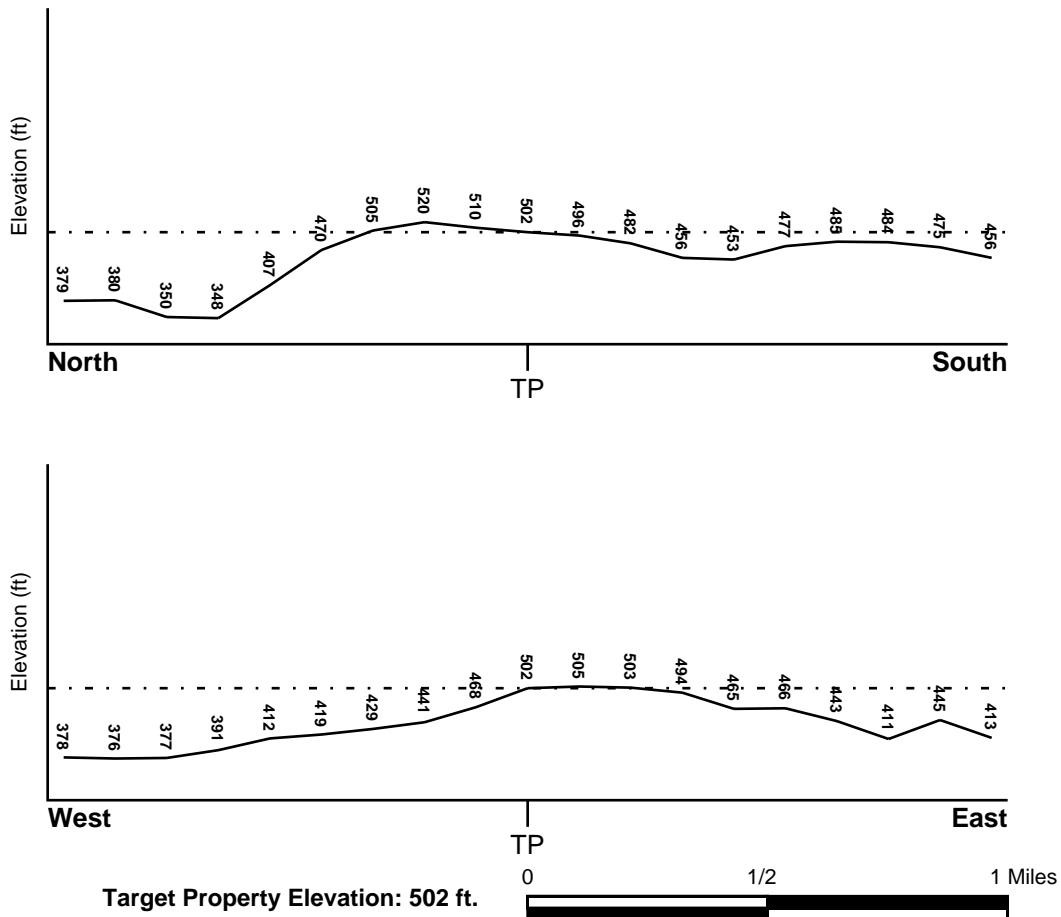
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
36111C0295E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3608630030B	FEMA Q3 Flood data
3608680026B	FEMA Q3 Flood data
3608680028B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
WOODSTOCK	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.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Devonian
Series: Middle Devonian
Code: D2c (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ARNOT

Soil Surface Texture: channery - silt loam

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

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 20 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information								
	Boundary			Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	6 inches	channery - silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60	
2	6 inches	17 inches	very channery - silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60	
3	17 inches	21 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.20	Max: 0.00 Min: 0.00	

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: very stony - silt loam
unweathered bedrock
silt loam
gravelly - silt loam

Surficial Soil Types: very stony - silt loam
unweathered bedrock
silt loam
gravelly - silt loam

Shallow Soil Types: silt loam

Deeper Soil Types: channery - loam
very gravelly - sand

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

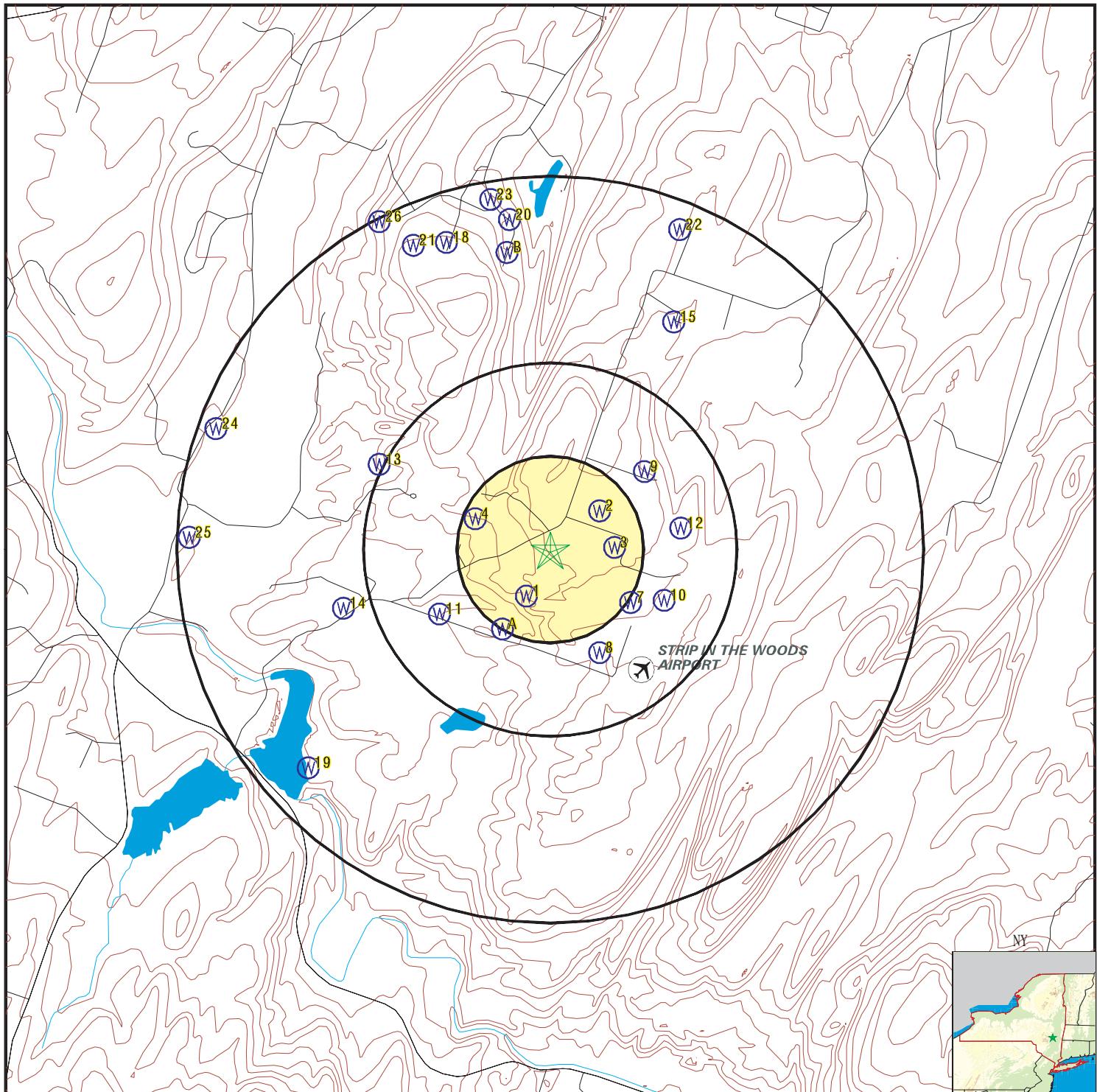
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u> <u>FROM TP</u>
1	NYWS50000120546	1/8 - 1/4 Mile SSW
2	NYWS50000121366	1/8 - 1/4 Mile NE
3	NYWS50000120916	1/8 - 1/4 Mile East
4	NYWS50000120523	1/8 - 1/4 Mile WNW
A5	NYWS50000125278	1/8 - 1/4 Mile SW
A6	NYWS50000124379	1/4 - 1/2 Mile SSW
7	NYWS50000119906	1/4 - 1/2 Mile ESE
8	NYWS50000119172	1/4 - 1/2 Mile SSE
9	NYWS50000120937	1/4 - 1/2 Mile NE
10	NYWS50000119273	1/4 - 1/2 Mile ESE
11	NYWS50000121219	1/4 - 1/2 Mile WSW
12	NYWS50000124849	1/4 - 1/2 Mile East
13	NYWS50000119083	1/2 - 1 Mile WNW
14	NYWS50000125016	1/2 - 1 Mile WSW
15	NYWS50000121495	1/2 - 1 Mile NNE
B16	NYWS50000123731	1/2 - 1 Mile North
B17	NYWS50000122714	1/2 - 1 Mile North
18	NYWS50000124380	1/2 - 1 Mile NNW
19	NYWS50000029528	1/2 - 1 Mile SW
20	NYWS50000123854	1/2 - 1 Mile North
21	NYWS50000120237	1/2 - 1 Mile NNW
22	NYWS50000121128	1/2 - 1 Mile NNE
23	NYWS50000123855	1/2 - 1 Mile North
24	NYWS50000118294	1/2 - 1 Mile WNW
25	NYWS50000122298	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION
<u>26</u>	<u>NYWS50000119861</u>	FROM TP <u>1/2 - 1 Mile NNW</u>

PHYSICAL SETTING SOURCE MAP - 7978646.20s



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
- (G.I.) Indeterminate Groundwater Flow at Location
- (G.V.) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Zena Highwoods
 ADDRESS: Zena-Highwoods Road
 Kingston NY 12401
 LAT/LONG: 42.021138 / 74.053768

CLIENT: Fisher Associates
 CONTACT: Ariadna Cheremeteff
 INQUIRY #: 7978646.20s
 DATE: May 05, 2025 5:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number	
1 SSW 1/8 - 1/4 Mile Lower	NY WELLS	NYWS50000120546	
WELLS:			
DEC Well #:	U004432	Well Depth (ft):	198
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	38.5	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	40	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	6
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	10-AUG-05	Drilling Start Date:	09-AUG-05
Drilling Completion Date:	09-AUG-05		
2 NE 1/8 - 1/4 Mile Higher	NY WELLS	NYWS50000121366	
WELLS:			
DEC Well #:	U005294	Well Depth (ft):	325
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	10	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	10	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10273
Report Date:	30-OCT-06	Drilling Start Date:	25-OCT-06
Drilling Completion Date:	22-NOV-06		
3 East 1/8 - 1/4 Mile Higher	NY WELLS	NYWS50000120916	
WELLS:			
DEC Well #:	U004823	Well Depth (ft):	300
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	8.5	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	10	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10273
Report Date:	07-FEB-06	Drilling Start Date:	26-JAN-06
Drilling Completion Date:	16-FEB-06		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Database	EDR ID Number
4 WNW 1/8 - 1/4 Mile Lower	NY WELLS	NYWS50000120523

WELLS:

DEC Well #:	U004403	Well Depth (ft):	373
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	18.5	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	6
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	11-AUG-05	Drilling Start Date:	09-AUG-05
Drilling Completion Date:	10-AUG-05		

A5 SW 1/8 - 1/4 Mile Lower	NY WELLS	NYWS50000125278
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WELLS:

DEC Well #:	U010407	Well Depth (ft):	560
Bedrock Depth (ft):	8	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	40	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	40	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	5
Well Purpose:	Not Reported	Driller Registration #:	NYRD10972
Report Date:	16-NOV-21	Drilling Start Date:	16-NOV-21
Drilling Completion Date:	16-NOV-21		

A6 SSW 1/4 - 1/2 Mile Lower	NY WELLS	NYWS50000124379
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WELLS:

DEC Well #:	U009447	Well Depth (ft):	140
Bedrock Depth (ft):	2	Groundwater Depth (ft):	40
Casing Depth (ft):	29	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	30	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	12
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	07-JUN-19	Drilling Start Date:	17-MAY-19
Drilling Completion Date:	17-MAY-19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
ESE
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000119906**

WELLS:

DEC Well #:	U003750	Well Depth (ft):	150
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	29	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	29	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10273
Report Date:	20-JUL-04	Drilling Start Date:	18-JUL-04
Drilling Completion Date:	28-JUL-04		

8
SSE
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000119172**

WELLS:

DEC Well #:	U002991	Well Depth (ft):	197
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	50
Casing Depth (ft):	20	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	15
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	19-APR-03	Drilling Start Date:	17-APR-03
Drilling Completion Date:	17-APR-03		

9
NE
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000120937**

WELLS:

DEC Well #:	U004844	Well Depth (ft):	Not Reported
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	40
Well Purpose:	Not Reported	Driller Registration #:	NYRD10715
Report Date:	07-MAR-06	Drilling Start Date:	20-FEB-06
Drilling Completion Date:	07-MAR-06		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

10
ESE
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000119273**

WELLS:

DEC Well #:	U003094	Well Depth (ft):	448
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	40
Casing Depth (ft):	20	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	4
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	27-JUN-03	Drilling Start Date:	25-JUN-03
Drilling Completion Date:	25-JUN-03		

11
WSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000121219**

WELLS:

DEC Well #:	U005142	Well Depth (ft):	146
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	20	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	40
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	18-AUG-06	Drilling Start Date:	17-AUG-06
Drilling Completion Date:	17-AUG-06		

12
East
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000124849**

WELLS:

DEC Well #:	U009944	Well Depth (ft):	525
Bedrock Depth (ft):	4	Groundwater Depth (ft):	20
Casing Depth (ft):	34	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	36	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	5
Well Purpose:	Not Reported	Driller Registration #:	NYRD10118
Report Date:	04-OCT-20	Drilling Start Date:	03-OCT-20
Drilling Completion Date:	04-OCT-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
13 WNW 1/2 - 1 Mile Lower	NY WELLS	NYWS50000119083
WELLS:		
DEC Well #:	U002901	Well Depth (ft): 400
Bedrock Depth (ft):	7	Groundwater Depth (ft): 57
Casing Depth (ft):	21	Casing 1 Diameter (in): 6
Casing 1 Length (ft):	21	Casing 2 Diameter (in): Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well: N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm): 10
Well Purpose:	Not Reported	Driller Registration #: NYRD10124
Report Date:	13-MAR-03	Drilling Start Date: 11-MAR-03
Drilling Completion Date:	12-MAR-03	
14 WSW 1/2 - 1 Mile Lower	NY WELLS	NYWS50000125016
WELLS:		
DEC Well #:	U010122	Well Depth (ft): 120
Bedrock Depth (ft):	15	Groundwater Depth (ft): 35
Casing Depth (ft):	79	Casing 1 Diameter (in): 6
Casing 1 Length (ft):	80	Casing 2 Diameter (in): Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well: N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm): 40
Well Purpose:	Not Reported	Driller Registration #: NYRD10178
Report Date:	16-APR-21	Drilling Start Date: 05-APR-21
Drilling Completion Date:	05-APR-21	
15 NNE 1/2 - 1 Mile Lower	NY WELLS	NYWS50000121495
WELLS:		
DEC Well #:	U005434	Well Depth (ft): 467
Bedrock Depth (ft):	8	Groundwater Depth (ft): 10
Casing Depth (ft):	18	Casing 1 Diameter (in): 6.599999905
Casing 1 Length (ft):	20	Casing 2 Diameter (in): Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well: N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm): 5
Well Purpose:	Not Reported	Driller Registration #: NYRD10076
Report Date:	26-APR-07	Drilling Start Date: 16-APR-07
Drilling Completion Date:	17-APR-07	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B16
North
1/2 - 1 Mile
Lower

NY WELLS NYWS50000123731

WELLS:

DEC Well #:	U008765	Well Depth (ft):	600
Bedrock Depth (ft):	600	Groundwater Depth (ft):	75
Casing Depth (ft):	29	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	30	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	0
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	18-OCT-16	Drilling Start Date:	30-SEP-16
Drilling Completion Date:	01-OCT-16		

B17
North
1/2 - 1 Mile
Lower

NY WELLS NYWS50000122714

WELLS:

DEC Well #:	U007701	Well Depth (ft):	598
Bedrock Depth (ft):	5	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	.125
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	31-OCT-11	Drilling Start Date:	27-OCT-11
Drilling Completion Date:	28-OCT-11		

18
NNW
1/2 - 1 Mile
Lower

NY WELLS NYWS50000124380

WELLS:

DEC Well #:	U009448	Well Depth (ft):	480
Bedrock Depth (ft):	10	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	3
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	09-JAN-20	Drilling Start Date:	16-MAY-19
Drilling Completion Date:	17-MAY-19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

19
SW
1/2 - 1 Mile
Lower

NY WELLS NYWS50000029528

WELLS:

DEC Well #:	D003772	Well Depth (ft):	148
Bedrock Depth (ft):	113	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	114	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	115	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	30
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	17-FEB-22	Drilling Start Date:	16-FEB-22
Drilling Completion Date:	16-FEB-22		

20
North
1/2 - 1 Mile
Lower

NY WELLS NYWS50000123854

WELLS:

DEC Well #:	U008895	Well Depth (ft):	600
Bedrock Depth (ft):	9	Groundwater Depth (ft):	50
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	4
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	19-JUL-17	Drilling Start Date:	16-JUN-17
Drilling Completion Date:	19-JUN-17		

21
NNW
1/2 - 1 Mile
Lower

NY WELLS NYWS50000120237

WELLS:

DEC Well #:	U004091	Well Depth (ft):	400
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	125
Casing Depth (ft):	10	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	10	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	1.5
Well Purpose:	Not Reported	Driller Registration #:	NYRD10715
Report Date:	17-MAR-05	Drilling Start Date:	10-FEB-05
Drilling Completion Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

22
NNE
1/2 - 1 Mile
Lower

NY WELLS **NYWS50000121128**

WELLS:

DEC Well #:	U005041	Well Depth (ft):	403
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	15
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	5
Well Purpose:	Not Reported	Driller Registration #:	NYRD10063
Report Date:	06-JUL-06	Drilling Start Date:	01-JUN-06
Drilling Completion Date:	02-JUN-06		

23
North
1/2 - 1 Mile
Lower

NY WELLS **NYWS50000123855**

WELLS:

DEC Well #:	U008896	Well Depth (ft):	600
Bedrock Depth (ft):	6	Groundwater Depth (ft):	150
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	.25
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	19-MAY-17	Drilling Start Date:	15-MAY-17
Drilling Completion Date:	16-MAY-17		

24
WNW
1/2 - 1 Mile
Lower

NY WELLS **NYWS50000118294**

WELLS:

DEC Well #:	U002108	Well Depth (ft):	172
Bedrock Depth (ft):	15	Groundwater Depth (ft):	50
Casing Depth (ft):	25.5	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	27	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	8
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	15-SEP-01	Drilling Start Date:	14-SEP-01
Drilling Completion Date:	14-SEP-01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
25 West 1/2 - 1 Mile Lower	NY WELLS	NYWS50000122298

WELLS:

DEC Well #:	U007269	Well Depth (ft):	123
Bedrock Depth (ft):	11	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	38.5	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	40	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	10
Well Purpose:	Not Reported	Driller Registration #:	NYRD10178
Report Date:	26-AUG-09	Drilling Start Date:	25-AUG-09
Drilling Completion Date:	25-AUG-09		

26 NNW 1/2 - 1 Mile Lower	NY WELLS	NYWS50000119861	
WELLS:			
DEC Well #:	U003704	Well Depth (ft):	380
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	20	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10273
Report Date:	23-JUN-04	Drilling Start Date:	22-JUN-04
Drilling Completion Date:	09-JUL-04		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ULSTER	DENNING	6	13.02	6.92	45.4
ULSTER	ESOPUS	50	3.52	2.41	15.6
ULSTER	GARDINER	48	4.3	2.76	24.6
ULSTER	HARDENBURGH	3	3.33	2.22	7.6
ULSTER	HURLEY	75	5.05	3.41	30.2
ULSTER	KINGSTON	229	4.09	2.88	21.6
ULSTER	LLOYD	96	5.7	3.31	38.1
ULSTER	MARBLETOWN	65	5.96	3.15	99.5
ULSTER	MARLBOROUGH	44	5.41	3.79	17.1
ULSTER	NEW PALTZ	132	4.18	2.75	44.3
ULSTER	OLIVE	45	5.09	3.37	27.6
ULSTER	PLATTEKILL	29	3.23	2.15	14
ULSTER	ROCHESTER	38	4.27	2.63	21.3
ULSTER	ROSENDALE	39	3.08	2.3	10.3
ULSTER	SAUGERTIES	169	7.41	2.59	175.7
ULSTER	SHANDAKEN	13	6.82	3.71	24.2
ULSTER	SHAWANGUNK	82	7.22	3.78	56.1
ULSTER	ULSTER	52	3.44	2.48	11.4
ULSTER	WAWARSING	48	4.8	2.63	31.2
ULSTER	WOODSTOCK	105	5.12	2.71	114.3

Federal EPA Radon Zone for ULSTER County: 1

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

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

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

Federal Area Radon Information for ULSTER COUNTY, NY

Number of sites tested: 95

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.190 pCi/L	95%	4%	1%
Basement	2.610 pCi/L	68%	29%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

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

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

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 IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix H

Additional Documentation

Zena Highwoods

Zena-Highwoods Road
Kingston, NY 12401

Inquiry Number: 7978646.24

May 06, 2025

The EDR-City Directory Image Report

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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.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

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

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1968	<input type="checkbox"/>	<input type="checkbox"/>	Price & Lee's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Price & Lee's City Directory

FINDINGS

TARGET PROPERTY STREET

Zena-Highwoods Road
Kingston, NY 12401

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

ZENA HIGHWOODS RD

2020	pg A1	EDR Digital Archive
2017	pg A2	Cole Information
2014	pg A3	Cole Information
2010	pg A4	Cole Information
2005	pg A5	Cole Information
2000	pg A6	Cole Information
1992	pg A7	Cole Information
1968	-	Price & Lee's City Directory
1964	-	Price & Lee's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

ZENA HIGHWOODS RD 2020

591	NINA BRONDMO
603	CHRISTINE LEWIS
	LISA BONK
629	DOUGLAS YOEL
	NOW FORWARD MUSIC INC
	YOON CHUN
639	JANIS BOGUE
	MAISY KELLER
	WILLIAM KELLER
650	HELEN METZ-SEVY
	REBECCA PAPIERNIAK
651	BARBARA SUROWITZ
	EDWARD SUROWITZ
663	JOSEPHINE KANTROWITZ
675	SHEILA POST
	WALDRON POST
701	IIX FOUNDATION
708	ALBERT TAROLLI
	GRETCHEN LANGHELD
711	PETER WEISSMAN
	RAPHAELA WEISSMAN
	RITA SHERRY
712	STUART LIPKIND
725	JAY PETROWSKY
	WILLIAM PETROWSKY
759	EILEEN KELLY
770	DONNA ALBRIGHT
	LEE ALBRIGHT
	PAUL ALBRIGHT

ZENA HIGHWOODS RD 2017

591	BRONDMO, NINA
603	AURETTO, DANILLE S
626	HORIZON BUILDERS
629	YOEL, DOUGLAS A
639	BOGUE, JANIS A
650	SEVY-METZ, SERGE J
651	SUROWITZ, EDWARD P
663	KANTROWITZ, JOEL
675	POST, WALDRON K
701	ALEXANDER, ROBERT
708	LANGHELD, GRETCHEN S
711	SHERRY, RITA K
712	LIPKIND, STUART J
714	ZENA RECREATION PARK POOL
725	PETROWSKY, WILLIAM J
745	BITZ, KENNETH A
759	KELLY, EILEEN A
770	DUFFY, DAVID R
800	STREIB, MARGUERITE H

ZENA HIGHWOODS RD 2014

591 OCCUPANT UNKNOWN,
603 HENSON, MARY I
629 YOEL, DOUGLAS A
639 BOGUE, JANIS A
650 OCCUPANT UNKNOWN,
651 SUROWITZ, EDWARD P
675 POST, WALDRON K
690 OCCUPANT UNKNOWN,
701 OCCUPANT UNKNOWN,
708 ADKINS, KATHLEEN C
711 SHERRY, RITA K
712 VIA, MICHAEL S
725 PETROWSKY, WILLIAM J
735 PHILLEY, RANDALL W
745 OCCUPANT UNKNOWN,
759 KELLY, EILEEN A
790 BANDAROVICH, LINDA A
800 STREIB, MARGUERITE H

ZENA HIGHWOODS RD 2010

591 ALEXANDER, FRANKLIN
603 RUTT, PRIIT P
629 DREYFUS RECORDS INC
YOEL, DOUGLAS A
639 OCCUPANT UNKNOWN,
650 OCCUPANT UNKNOWN,
651 SUROWITZ, EDWARD P
663 LOMAGNO, MICHAEL
MORANA, SAL J
675 POST, WALDRON K
690 OCCUPANT UNKNOWN,
701 RICHARDS FIX IT
708 TAROLLI, AI G
711 SHERRY, RITA K
714 ZENA RECREATION PARK
725 PETROWSKY, JAY H
745 MCCLOSKEY, G
MCCLOSKEY, GERARD R
759 KELLY, EILEEN A

ZENA HIGHWOODS RD 2005

591 ALEXANDER, FRANKLIN
603 RUTT, PRIIT P
619 VANKAMPEN, STEVEN A
629 KOHN, AARON R
639 BOGUE, JANIS A
650 GOULD, BRUCE E
651 SUROWITZ, EDWARD P
663 ALBERT, ROBERT E
675 OCCUPANT UNKNOWN,
690 LANDSMAN, STEVEN A
701 SPOOL, RICHARD B
708 TAROLLI, AI
711 SHERRY, RITA K
725 PETROWSKY, JAY H
745 MCCLOSKEY, GERARD R
759 KELLY, EILEEN A
770 ALBRIGHT, DONNA S

ZENA HIGHWOODS RD 2000

603 BARD, C S
611 OCCUPANT UNKNOWN,
615 LAMOREAUX, GEORGE R
617 ALLEN, RALPH L
619 VANVALKENBURGH, ARTHUR
623 NOWICKI, DIANE
624 ONGUNER, ARAL
626 FABBIE, GREGORY
YURAN ANITA ARCHT
628 YURAN, ANITA
629 KOHN, A
639 BOGUE, JANIS A
KELLER, BILL
650 PAPIERNIAK, KENNETH
651 SUROWITZ, EDWARD P
663 ALBERT, ROBERT
675 PARKER, MICHAEL
680 WEAVER, H
689 WEAVER, HELEN
690 LANDSMAN STEVEN & ASSOCIATES INCORPORATED
LANDSMAN, STEVEN
701 FERRIERI, BRUNO
RICHARDS FIX IT
SPOOL, RICHARD
708 TAROLLI, AL
711 SHERRY, RITA
WEISSMAN, PETER
733 EDWARDS, MARYLOU L
735 PHILLEY, RANDALL W
745 MCCLOSKEY, GERARD
759 OCCUPANT UNKNOWN,
760 TOBIAS, MICHAEL
770 ALBRIGHT, DONNA S
790 BANDAROVICH, EDWARD

ZENA HIGHWOODS RD 1992

153 SHERRY, RITA
626 FABBIE, GREGORY
629 KOHN, A
675 PARKER, MICHAEL
690 LANDSMAN, STEVEN
708 TAROLLI, AL

Residential
Property Info
Owner/Sales
Inventory
Improvements
Tax Info
Report
Comparables

Parcel History
View parcel history data

Municipality of Town of Woodstock			
SWIS:	515800	Tax ID:	38.2-1-56
Tax Map ID / Property Data			
Status:	Active	Roll Section:	Wholly Exem
Address:	Zena-Highwoods Rd		
Property Class:	314 - Rural vac<10	Site Property Class:	314 - Rural vac<10
Ownership Code:			
Site:	Res 1	In Ag. District:	No
Zoning Code:	R3 -	Bldg. Style:	0
Neighborhood:	58008 -	School District:	Kingston
Total Acreage/Size:	3.20	Equalization Rate:	----
Land Assessment:	2024 - \$42,000 2023 - \$42,000	Total Assessment:	2024 - \$42,000 2023 - \$42,000
Full Market Value:	2024 - \$90,323 2023 - \$90,323		
Deed Book:		Deed Page:	
Grid East:	613222	Grid North:	1161492
Special Districts for 2024			
Description	Units	Percent	Type
FD201-Woodstock fire	0	0%	0
LB201-Woodstock library	0	0%	0
LB202-Woodstock Libr. Bond	0	0%	0
Special Districts for 2023			
Description	Units	Percent	Type
FD201-Woodstock fire	0	0%	0
LB201-Woodstock library	0	0%	0
LB202-Woodstock Libr. Bond	0	0%	0
Land Types			
Type	Size		
Undeveloped	1.00 acres		
Residual	2.20 acres		

Photographs
No Photo Available
Documents
Property Record Card
Maps
View Tax Map
Pin Property on GIS Map
View in Google Maps
View in Bing Maps
Map Disclaimer

Residential
Property Info
Owner/Sales
Inventory
Improvements
Tax Info
Report
Comparables

Parcel History
View parcel history data

Municipality of Town of Woodstock			
SWIS:	515800	Tax ID:	28.3-1-28
Tax Map ID / Property Data			
Status:	Active	Roll Section:	Wholly Exem
Address:	Zena-Highwoods Rd		
Property Class:	314 - Rural vac<10	Site Property Class:	314 - Rural vac<10
Ownership Code:			
Site:	Res 1	In Ag. District:	No
Zoning Code:	R3 -	Bldg. Style:	0
Neighborhood:	58008 -	School District:	Kingston
Total Acreage/Size:	7.86	Equalization Rate:	----
Land Assessment:	2024 - \$97,300 2023 - \$97,300	Total Assessment:	2024 - \$97,300 2023 - \$97,300
Full Market Value:	2024 - \$209,247 2023 - \$209,247		
Deed Book:	1335	Deed Page:	531
Grid East:	613511	Grid North:	1161607

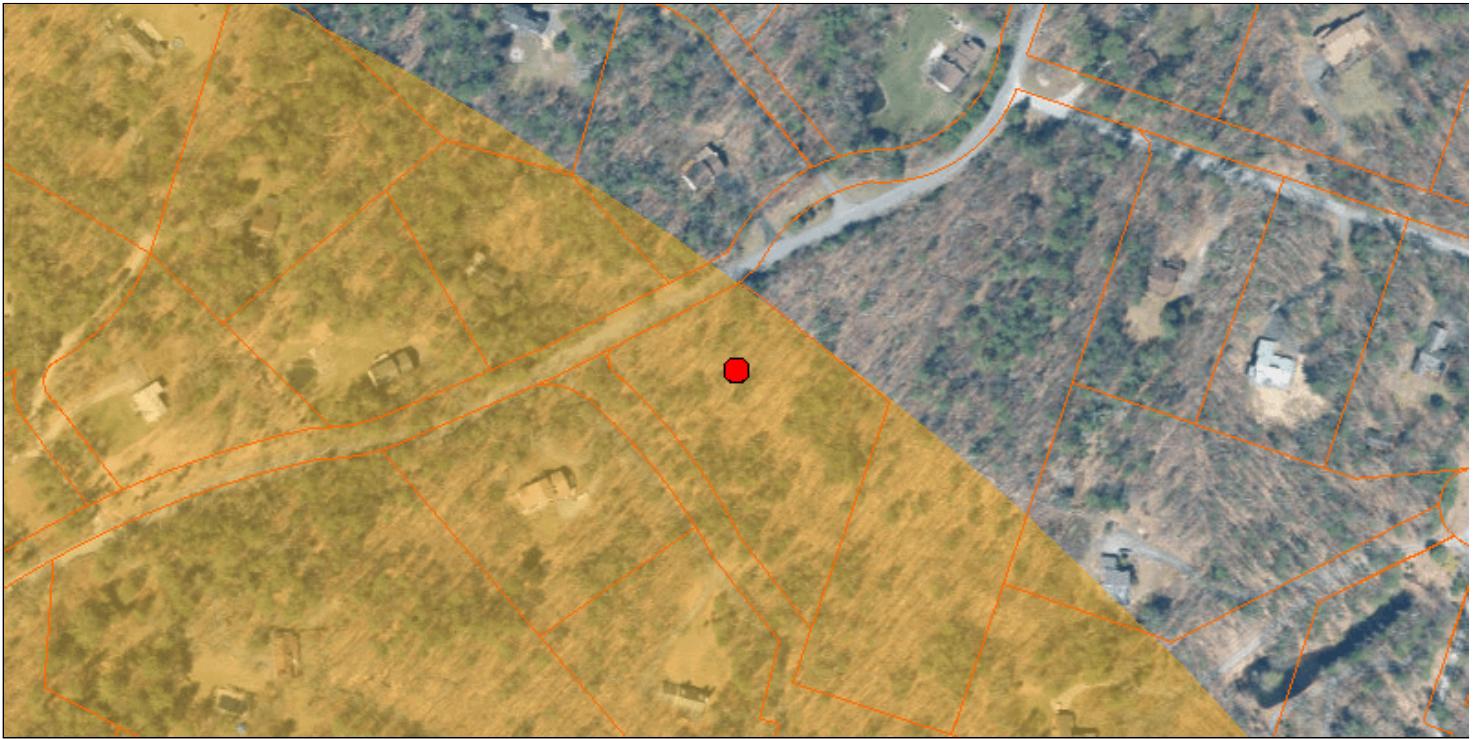
Special Districts for 2024				
Description	Units	Percent	Type	Value
FD201-Woodstock fire	0	0%		0
LB201-Woodstock library	0	0%		0
LB202-Woodstock Libr. Bond	0	0%		0

Special Districts for 2023				
Description	Units	Percent	Type	Value
FD201-Woodstock fire	0	0%		0
LB201-Woodstock library	0	0%		0
LB202-Woodstock Libr. Bond	0	0%		0

Land Types		
Type	Size	
Undeveloped		1.00 acres
Undeveloped		6.86 acres

Photographs
No Photo Available
Documents
Property Record Card
Maps
View Tax Map
Pin Property on GIS Map
View in Google Maps
View in Bing Maps
Map Disclaimer

Environmental Resource Mapper



The coordinates of the point you clicked on are:

UTM 18

Easting: 578276.7824499444

Northing: 4652561.4500035355

Longitude/Latitude

Longitude: -74.05452170019818

Latitude: 42.02119996859849

The approximate address of the point you clicked on is:

712-734 Zena Highwoods Rd, Kingston, New York, 12401

County: Ulster

Town: Woodstock

USGS Quad: WOODSTOCK

Rare Plants and Rare Animals

This location is in the vicinity of Animals Listed as Endangered or Threatened - Contact NYSDEC Regional Office

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

[Print Preview](#)

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Ulster County, New York



Local office

New York Ecological Services Field Office

📞 (607) 753-9334

📠 (607) 753-9699

✉️ fw5es_nyfo@fws.gov

3817 Luker Road
Cortland, NY 13045-9385

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> Wherever found There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found There is proposed critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2](#) and the Migratory Bird Treaty Act (MBTA) [1](#). Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

There are Bald Eagles and/or Golden Eagles in your [project](#) area.

Measures for Proactively Minimizing Eagle Impacts

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the [National Bald Eagle Management Guidelines](#). You may employ the timing and activity-specific distance recommendations in this document when designing your project/activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#).

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

If disturbance or take of eagles cannot be avoided, an [incidental take permit](#) may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the [Do I Need A Permit Tool](#).

For assistance making this determination for golden eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

Ensure Your Eagle List is Accurate and Complete

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i>	Breeds Dec 1 to Aug 31
<p>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.</p> <p>https://ecos.fws.gov/ecp/species/1626</p>	
Golden Eagle <i>Aquila chrysaetos</i>	Breeds Jan 1 to Aug 31
<p>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.</p> <p>https://ecos.fws.gov/ecp/species/1680</p>	

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

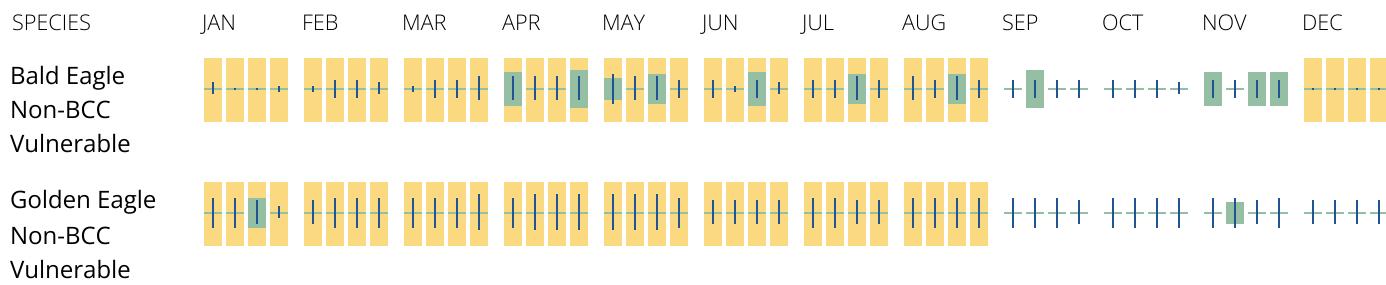
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA)¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds

- Supplemental Information for Migratory Birds and Eagles in IPaC
<https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases [birds of concern](#), including [Birds of Conservation Concern \(BCC\)](#), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the [Nationwide avoidance and minimization measures for birds](#) document, and any other project-specific avoidance and minimization measures suggested at the link [Measures for avoiding and minimizing impacts to birds](#) for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles document](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Dec 1 to Aug 31
Belted Kingfisher <i>Megaceryle alcyon</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 15 to Jul 25

Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i>	Breeds May 15 to Oct 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
https://ecos.fws.gov/ecp/species/9399	
Blue-winged Warbler <i>Vermivora cyanoptera</i>	Breeds May 1 to Jun 30
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	
Bobolink <i>Dolichonyx oryzivorus</i>	Breeds May 20 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
Canada Warbler <i>Cardellina canadensis</i>	Breeds May 20 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
Cerulean Warbler <i>Setophaga cerulea</i>	Breeds Apr 20 to Jul 20
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
https://ecos.fws.gov/ecp/species/2974	
Chimney Swift <i>Chaetura peligra</i>	Breeds Mar 15 to Aug 25
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
Eastern Meadowlark <i>Sturnella magna</i>	Breeds Apr 25 to Aug 31
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	
Eastern Whip-poor-will <i>Antrostomus vociferus</i>	Breeds May 1 to Aug 20
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	
Evening Grosbeak <i>Coccothraustes vespertinus</i>	Breeds May 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	

Golden Eagle *Aquila chrysaetos*

Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

<https://ecos.fws.gov/ecp/species/1680>

Lesser Yellowlegs *Tringa flavipes*

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9679>

Long-eared Owl *asio otus*

Breeds Mar 1 to Jul 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/3631>

Pectoral Sandpiper *Calidris melanotos*

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Prairie Warbler *Setophaga discolor*

Breeds May 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Red-headed Woodpecker *Melanerpes erythrocephalus*

Breeds May 10 to Sep 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Rose-breasted Grosbeak *Pheucticus ludovicianus*

Breeds May 15 to Jul 31

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Semipalmated Sandpiper *Calidris pusilla*

Breeds elsewhere

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Wood Thrush *Hylocichla mustelina*

Breeds May 10 to Aug 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

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How is the probability of presence score calculated? The calculation is done in three steps:

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2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

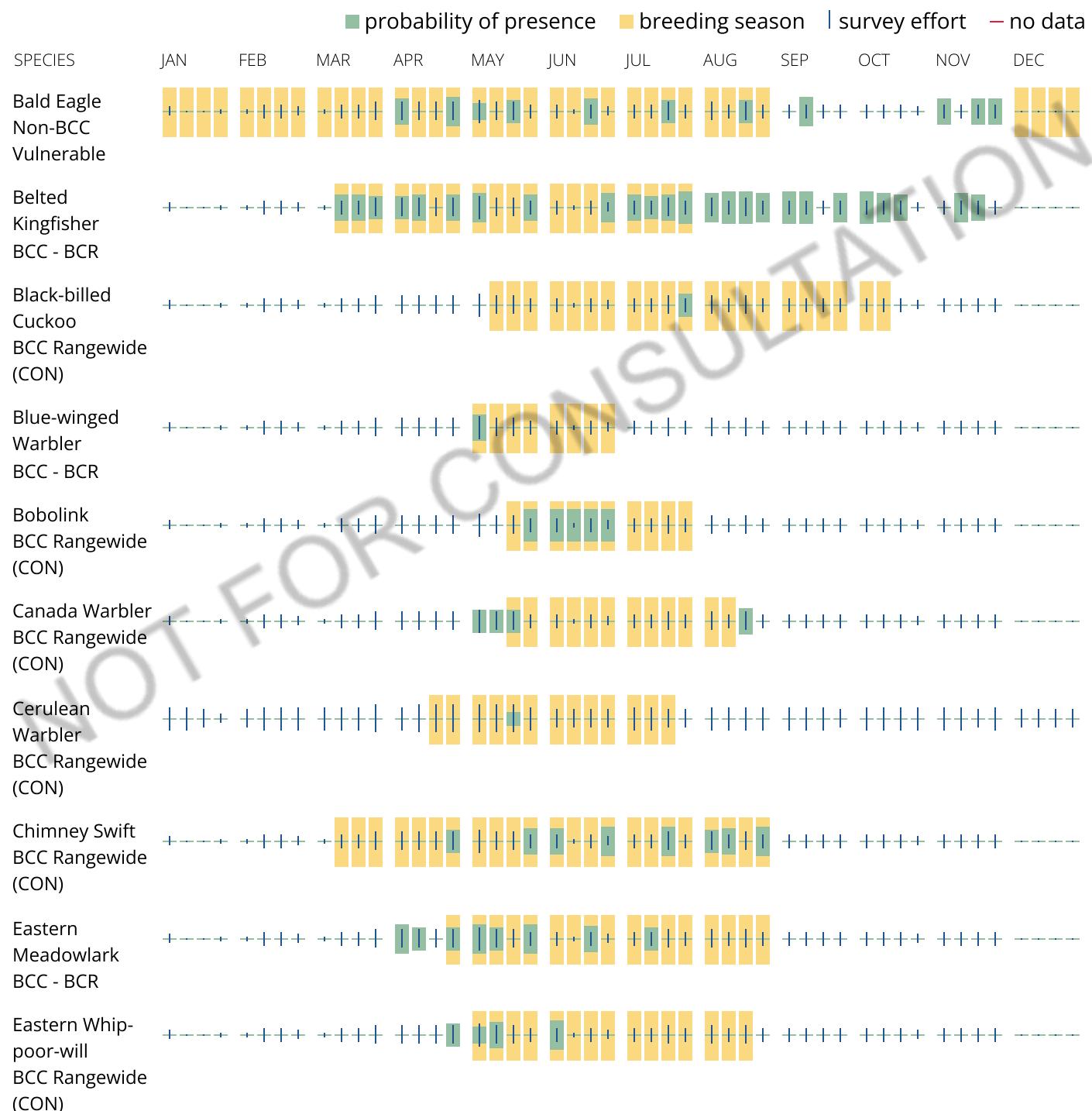
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Avoidance & Minimization Measures for Birds](#) describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the [Bald and Golden Eagle Protection Act](#) and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle ([Bald and Golden Eagle Protection Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the [RAIL Tool](#) and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Bald and Golden Eagle Protection Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

Wildlife refuges and fish hatcheries

Refuge and fish hatchery information is not available at this time

Wetlands in the National Wetlands Inventory

(NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Appendix I

Resumes of Authors

Ariadna Cheremeteff

Site Investigation and Remediation Group Manager



Years of Experience

20

Education

- B.S., Environmental Management and Technology, Rochester Institute of Technology
- A.S., Liberal Arts, Monroe Community College

Certifications

- OSHA 40 Hour Hazardous Waste Operations and Emergency Response
- NYSDOL-certified Asbestos Project Designer
- NYSDOL-certified Asbestos Building Inspector

Areas of Specialization

- Phase I and Phase II Environmental Site Assessments
- Environmental Program Cleanup Sites
- Hazardous waste remediation
- Construction oversight
- Project management
- Asbestos building inspections and abatement design
- NEPA and SEQR process
- Environmental Impact Statements
- Housing and Community Renewal (HCR)
- Federal Housing Trust Fund (FHTF)
- Housing and Urban Development (HUD) funding-required environmental studies
- Environmental regulatory compliance and permitting

* = work performed with previous employers



fisherassoc.com

Ariadna Cheremeteff is an experienced environmental professional who specializes in a wide range of environmental remediation areas including Phase I and Phase II Environmental Site Assessments, Environmental Program Cleanup Sites, hazardous waste remediation, environmental construction oversight, project management, asbestos building inspections and abatement design, NEPA and SEQR processes, Environmental Impact Statements, and compliance with environmental regulations and permitting requirements. Ari has a proven track record of providing valuable insights and solutions for site renovation, remediation, residential redevelopment, federal/state/local government, and industrial projects.

RELEVANT EXPERIENCE

GreenSpark | Environmental Investigations Smith Street Property | Rochester, NY:

Fisher Associates performed a Phase I Environmental Site Assessment (ESA) and a Limited Phase II ESA on a vacant industrial site in the City of Rochester as part of a larger redevelopment and proposed future building construction project. Fisher Associates' Site Investigation and Remediation (SIR) team established that historic site uses as a former railroad yard, coal storage, and freight house including a tar and grease loading station had negative environmental impacts on the property. Additionally, the property was identified as a local waste disposal site containing Construction and Demolitions debris. Adjacent properties include several Brownfields Cleanup Program Sites, a former garbage incinerator, and a former coal fired power plant. Currently, responsible for preparing an Environmental Management Plan (EMP) to be implemented during site redevelopment activities, field screening and collecting additional subsurface soil samples in areas previously not investigated for additional data on existing site conditions, and will provide Environmental Oversight during construction to assist the project in proper handling, storage, management, and disposal of impacted site materials.

GreenSpark | Environmental Support for Solar Project on Former Hazardous Waste Landfill | Glens Falls, NY:

Responsible for high level environmental support for a solar project development on a former hazardous waste landfill State Superfund Site in Glens Falls, New York. The project is being constructed on a former industrial manufacturing site comprised of approximately 60-acres. Also, high level review for preparation of a 15-day notification to the NYSDEC detailing the proposed site work on select Operable Units including installations below the landfill cap and details on replacement of the cap post construction, summary of environmental conditions, schedule of work, applicable Excavation Work Plan components, disposal facility information, back fill source information, quantities, and required analytical data. Responsible for team that will provide environmental oversight and community air monitoring during the installations within select OUs to assure the Site Management Plan and associated Excavation Work Plan requirements are adhered to during construction, collection of confirmatory samples, providing guidance to the site contractor regarding management, storage, and disposal of impacted materials not suitable for reuse.

City of Rochester | West River Wall Segment 2 | Environmental Project Manager |

Former Vacuum Oil Project, Rochester, NY*: Environmental Discipline Leader providing environmental management support on a large Master Plan Design Project for the Former Vacuum Oil BOA. Responsible for review of existing extensive reporting and data available for Segment 2 to identify data gaps and required additional investigations, cost estimate based upon the data gap analysis, and environmental staff support for design, construction, and final reporting. Prepared a Sampling and Analysis Work Plan (SAWP) for parcels not previously investigated and a Sediment Sampling Plan for data collection of sediments in the Genesee River. Oversight of implementation of both plans, coordination with subconsultants, internal staffing for field efforts. Frequent coordination and communication with the City, NYSCC, USACE, and NYSDEC.

City of Rochester | West River Wall Segment 1 | Environmental Project Manager | Corn Hill Neighborhood and Vacuum Oil, Rochester, NY*: Environmental Discipline Leader provided environmental management support on a large trail redesign and redevelopment project. Responsible for budgeting, prepared and implemented a Phase II ESA, oversight of subcontractor that performed surface soil sampling and reporting, provided QC review of an Environmental Management Plan (EMP) and high-level oversight for EMP implementation for Segment 1, including CAMP and soil movement documentation. Prepared and received approval for two (2) case-specific BUD petitions. Provided weekly updates, communication between Project Managers, City of Rochester, Regulatory Agencies, and subcontractors in relation to work identified in the EMP. Additionally, closure of a spill encountered during a Phase II ESA. High-level review of annual BUD submissions, final EMP submission, and other project closeout documentation.

University of Rochester Medical Center | NYSDEC Site No. 828166 Tower Bed Expansion – PCB Remediation | Rochester, NY*: High level oversight, project planning, financial planning, and implementation of a self-implemented RCRA PCB remediation project as part of a larger expansion project for the hospital's emergency department. Providing environmental project and budget management, regulatory review, daily communication with the client, regulators, and project, internal, and construction team members. Engineering review, comment, and input on remedial measures, excavation procedures, TSCA facility profiles, confirmatory data, and final reporting requirements.

Providence Culver Housing, LLC | NYSDEC BCP Site No. C828226 Wambach Farm Site Rochester, NY*: Project and financial planning, reporting preparation and reviews, high level oversight, agency coordination, and implementation of a NYSDEC Brownfield Cleanup Program remediation project to achieve NYSDEC Restricted-Residential Site Cleanup Objectives for proposed site redevelopment. Project lead for previous due diligence environmental investigations completed included Phase I and II ESAs, Supplemental Phase II ESA, and a Brownfield Cleanup Program Investigation to acquire additional information to submit towards the BCP application and acceptance. Currently prepared and submitted a Remedial Investigation Work Plan. Continued work will include agency coordination, RIWP implementation and subsequent reporting, Alternatives Analysis, Remedial Action selection, Remedial Action Work Plan and implementation concurrent with site redevelopment.

City of Rochester | Final Engineering Report and Site Management Plan | NYSDEC ERP Site B-00129-8 1200 East Main Street Rochester, NY*: Responsible for coordination between stamping professional engineers, communication with the NYSDEC and the City, addressing revisions and comments and ultimately final submittal packages of the Final Engineering Report (FER) and Site Management Plan (SMP) for the City of Rochester 1200 East Main Street Environmental Restoration Project (ERP). Due to these efforts, the property has received an executed Certificate of Completion from the NYSDEC. Currently responsible for the Periodic Review Report and SMP update to address current site conditions and the previous year's Site activities, decommissioning, and proposed future work.

DePaul Properties | Environmental Remediation and Management Planning | True North Housing Redevelopment Project Rochester, NY*: Provided project management, budgeting, staff planning, and frequent communication with the Client, construction contractors, and representatives from the City of Rochester, Monroe County, and State Agencies. Responsible for planning and implementing Phase I ESAs and Phase II ESAs on three (3) separate City-owned vacant parcels as part of the project. Provided spill support for spill encountered during Phase II work. Responsible for team preparation, reviews, and submittal of HCR funding-required environmental studies. Conducted subsequent funding-required engineered studies and reporting for the properties.

DePaul Properties | Environmental Remediation and Management Planning | Upper Falls Site and Housing Redevelopment Project Rochester, NY*: Provided project management, budgeting, staff planning, and frequent communication with the Client, construction contractors, and representatives from the City of Rochester, Monroe County, and State Agencies. Responsible for

planning and implementing Phase II assessments for the housing development project on 21 parcels prior to construction. Subsequently prepared an Environmental Management Plan (EMP) to address site conditions throughout all phases of the construction and redevelopment. Responsible for appropriate coordination and approves for disposal of petroleum-impacted and reworked native soil. Provided project oversight to confirm EMP specifications and guidelines were adhered to throughout intrusive work during the Site redevelopment. Planned and executed a bioremediation application to petroleum-impacted area along bedrock in concurrence with the NYSDEC. Attend bi-monthly meetings during peak construction and intrusive activities. Prepared and submitted required monthly project update reports and the Final EMP Progress Report.

Home Leasing | Environmental Remediation and Management Planning | Warfield

Square/The Community on East Main Street Site Redevelopment Rochester, NY*: Provided project management, staff planning, and communication with the Client, and representatives from the City of Rochester, County of Monroe, and State Agencies. Prior to construction, conducted Phase II assessments for the housing development project that included six parcels including an on-site HUD lead surface soil survey and submittal of required reports including recommendations for the Site. Prepared the Environmental Management Plan (EMP) in accordance with City requirements to address site conditions throughout all phases of the construction and redevelopment. Responsible for appropriate coordination and approves for disposal of petroleum-impacted and reworked native soil. Project oversight to confirm EMP specifications and guidelines were adhered to throughout intrusive work during the Site redevelopment. Attend bi-monthly meetings during peak construction and intrusive activities. Prepared and submitted required monthly project update reports and the Final EMP Progress Report.

Brook Bertig-Coll

Quality Control | Director of Environmental



Years of Experience

29 (6 with Fisher)

Certifications

- 1987 USACE Manual Wetland Delineation Training; Wetland Training Institute, 40 hours.
- OSHA 10 Hour Outreach Training for Construction
- CSX Contractor Safety & Roadway Worker Protection
- American Red Cross First Aid/CPR Training
- SafeLand USA Training

Education

- B.S., Biology, Indiana University of Pennsylvania, 1994

Affiliations

- American Council of Engineering Companies (ACEC)
- Pennsylvania Independent Oil & Gas Association (PIOGA): Previous Board Member
- Women in Energy Network
- Women of Renewable Industries and Sustainable Energy

Areas of Specialization

- Critical Issues Analysis
- Emergency Preparedness and Management Plans
- Environmental Compliance
- Environmental Permitting
- FERC Section 7c Reports
- Quality Assurance/Quality Control
- Wetland and Watercourse Delineation

* = work performed with previous employers

Based in Canonsburg, Pennsylvania, Brook Bertig-Coll oversees Fisher's team of more than 10 environmental professionals who handle a diverse range of private and public sector projects across Pennsylvania and throughout the Northeast, Midwest and Mid-Atlantic states. Brook and her team have provided environmental services for various industries including oil and gas, commercial, power, and chemical, as well as the federal government. Her team specializes in regulatory compliance and environmental permitting, environmental impact assessments, wetland and waterbody delineations, natural resource services, invasive species monitoring, site investigation and remediation services and hazardous materials assessments.

As the Director of Environmental, Brook is responsible for implementing and upholding our professional standards and quality control procedures for reports, mapping, drawings and other documents produced by our team. She draws from her broad environmental expertise, and decades of experience managing projects, to perform independent technical and detail check reviews of project deliverables. She also supports and directs the team as they progress projects from start-up through close-out, ultimately helping to ensure our clients experience the communication, responsiveness, and high-quality work product they expect from Fisher as their trusted environmental consultant.

Brook specializes in oil and gas and renewables, and she has long served as Principal-in-Charge, Senior Project Manager or Technical Expert for numerous multi-disciplined projects requiring extensive environmental concerns, regulatory challenges, and federal, state and local agency coordination. In Pennsylvania, she has hands-on experience with natural gas projects involving well abandonment, transmission lines, gathering line pipelines, well pads, and more.

RELEVANT EXPERIENCE

Ball Hill Wind Farm Project, Northland Power, Chautauqua County, NY: This is a proposed 100MW onshore wind power project that is expected to generate 261.137GWh of electricity from approximately 29 turbines and has been an on-going project for several years. Brook is the Project Manager for the environmental portion of this project which included managing complex budgets and schedules. Environmental work includes wetland and stream delineations, GIS mapping, aerial mapping, invasive species studies, Phase I Environmental Site Assessments (ESAs), Limited Phase 2 ESAs, agency consultations with the United States Fish & Wildlife Service (USFWS), New York Department of Environment and Conservation (NYDEC), NY State Historic Preservation Office (NY SHPO), preparation of construction and operational management plans, tree surveys, initial habitat surveys, environmental permitting with the USACE, NYSDEC and local towns, and environmental monitoring.

Multiple Community Solar Projects, Green Street Power Partners, Various Counties, New York: Brook is the Project Manager for over 15 community solar projects, ranging from 2.5-5 megawatts (MW) on approximately 25-35 acres in various counties throughout New York. The projects include a proposed fence, access road, solar array and other associated equipment and poles. Project work includes wetland and stream delineations, GIS mapping, agency consultations with the United States Fish & Wildlife Service (USFWS), New York Department of Environment and Conservation (NYDEC), and the NY State Historic Preservation Office (NY SHPO), environmental permitting with the USACE/NYSDEC at select sites, Town approval through the NY State Environmental Quality Review (SEQR), New York Stormwater Permitting Discharge and Erosion and Sediment Control permitting, including development of erosion and sediment controls and a Stormwater Pollution Prevention Plan (SWPPP) to satisfy the needs of the client, glint and glare analysis, and SWPPP inspections at select sites.

Multiple Community Solar Projects, Various Clients, Various Counties, Pennsylvania: Brook was the technical lead and provided QA/QC for the environmental tasks for the projects. The projects include a proposed fence, access road, solar array and other associated equipment and poles. Project work includes wetland and stream delineations, GIS mapping, agency consultations with the United States Fish & Wildlife Service (USFWS), Pennsylvania Department of Conservation and Natural Resources (PA DCNR), Pennsylvania Fish and Boat Commission, Pennsylvania Game Commission, and the Pennsylvania Historic and Museum Commission (PHMC), environmental permitting with the USACE/PADEP/County Conservation Districts at select sites, Town approval Erosion and Sediment Control permitting, including development of erosion and sediment controls Phase I Environmental Site Assessments (ESAs) to satisfy the needs of the client, glint and glare analysis, and SWPPP inspections at select sites.

ORU Lovett Substation Project, Orange Rockland Utility, Rockland County, New York: Brook was the Project Manager for this project which included managing complex budgets and schedules. Professional services included wetland and stream delineations, wetland mitigation coordination, GIS mapping, site plan preparation and design, tree surveys, invasive species studies, agency consultations with the United States Fish & Wildlife Service (USFWS), New York Department of Environment and Conservation (NYDEC), NY State Historic Preservation Office (NY SHPO), NY DEC Coastal Management coordination, initial habitat surveys, environmental permitting with the USACE, NYSDEC and local Towns through the SEQR process.

Sysco SPDES Sampling Project, Sysco International, Syracuse, New York: Served as QA/QC technical lead. Provided technical review of stormwater sampling inspection and reporting for.

Summit Well Abandonment Project, National Fuel Gas Supply Corporation, Erie County, Pennsylvania: Served as QA/QC technical lead. Provided technical review of year one of a five-year wetland mitigation monitoring report. Work entailed reviewing the technical report and associated appendices and included a thorough detail check of calculations.

Atlantic Sunrise Project, Transcontinental Gas Pipe Line Company LLC, Multiple Locations & Facilities in PA and VA*: As Sr. Environmental Scientist, provided expertise and guidance in the technical review of the preparation, submission, and implementation of conditions associated with federal permit applications for project-specific actions, including Section 404 Clean Water Act for Pennsylvania and Virginia. Coordinated and assisted in technical review of the preparation and submission of supplemental data submissions to the FERC and United States Army Corps of Engineers (USACE). Provided expertise in the preparation, development, coordination, management, and tracking of state environmental permit documents for PA Department of Environmental Protection (PADEP) Erosion and Sediment Control General Permit 2 and Water Obstruction and Encroachment Permits. Provided expertise in the development and design of Erosion & Sediment Control Plans.

Natrium to Market Project, Dominion Transmission, Inc. (Pennsylvania)*: Served as Project Manager for construction of a new compression, gas measurement and pressure regulating facilities and modifications to an existing pipeyard at existing facilities located in Greene and Westmoreland Counties, Pennsylvania. Project involves applying for a Federal Energy Regulatory Certificate with the Federal Energy Regulatory Commission (FERC) being the lead agency in reviewing the project, preparing environmental resource reports, an implementation plan and environmental permits. Responsibilities include project staffing, preparing the FERC application, preparing cost estimates, preparing open house documents, overseeing the permitting phase of the project and routine interaction with the client and federal, state and local agencies. Also, responsible for overseeing Phase I and Phase II cultural resource surveys in Pennsylvania.

Sunrise Project, Equitans, Pennsylvania and West Virginia*: Served as Project Manager for construction of an approximate 50-mile natural gas pipeline traversing through Pennsylvania and West Virginia. Project involved preparation of environmental resource reports in order for the client to obtain a FERC Certificate. Additional key aspects of the project involved preparation of environmental permits and approvals, conducting rare, threatened and endangered species surveys and cultural resource surveys. Responsibilities included project staffing, preparing the FERC application, cost and schedule control, attending public meetings, organizing a project web-site for public outreach, overseeing permitting and rare, threatened and endangered species and cultural resource surveys, deliverable control and routine interaction with the client and agencies.

Marcellus and Utica Shale Project Planning, Shell Global Solutions, Pennsylvania and Ohio*: Served as Project Manager for environmental services on project planning for routing of potential projects located in the Marcellus and Utica Shale. Services include desktop analysis for route constructability and environmental impacts of the proposed and alternative routes. Additionally, managed a subcontractor for a detailed right-of-way cost assessment of the proposed route.

Natural Gas Pipeline Facilities, Access Midstream, Ohio*: Served as Project Manager for environmental services on multiple natural gas pipeline projects located in the Utica and Marcellus Shales. Environmental services included preparation of a routing/feasibility analysis, environmental surveys, environmental clearances, environmental permitting, civil engineering, erosion and sediment control plans, SPCC plan preparation, preparation of alignment sheets, utility line coordination, roadway and railroad permitting, and preparation of permitting manuals used for construction. Responsibilities include client and project management, agency interactions, cost and schedule control, staffing, and permit review.

Natural Gas Pipeline Facilities, Williams, Pennsylvania and Ohio*: Served as Project Manager for environmental services on two natural gas pipeline projects located in the Utica and Marcellus Shale. Environmental services included preparation of a feasibility analysis, environmental surveys, environmental clearances and permitting. Responsibilities include client and agency interactions, cost and schedule control, staffing, and permit review.

Natural Gas Pipeline Facility, EQT, Pennsylvania*: Served as Project Manager for permitting efforts on three pipeline replacement and 13 pipeline removal projects throughout Allegheny and Washington Counties in Pennsylvania. The pipeline replacements and removals are located in the Monongahela River. The permit applications/approvals include a joint permit application between the United States Army Core of Engineers (USACOE) and the Pennsylvania Department of Environmental Protection (PADEP), general permits for stream crossings and road crossings, ecological clearances for threatened and endangered species, cultural resource clearances, erosion and sedimentation control plans and notifications to the appropriate agencies. Project work also includes pre-application meetings with the USACOE, PADEP and the local county conservation districts. Responsibilities as Project Manager include client interaction, cost and schedule control, staffing, permit and plan review and agency interaction.