

# Environmental Assessment Neversink Ball Fields Replacement Project

## Appendix E

Environmental Site Assessment (ESA)

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# Phase I Environmental Site Assessment

Tax Map No. 484200-32-1-11.3  
Charles Van Nostrand Residence  
7752 State Route 42, Grahamsville  
Town of Neversink  
Sullivan County, New York

Prepared for:  
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**TABLE OF CONTENTS**

	<u>Page</u>
1.0 Executive Summary .....	3
2.0 Introduction .....	4
2.1 Definition of Work Scope .....	4
2.2 Limitations .....	5
2.3 Exceptions and Deletions .....	6
3.0 Site Description .....	6
3.1 Geology and Hydrogeology .....	6
3.2 Wetlands/Flood Hazard Areas Review .....	6
3.3 Site Inspection .....	6
3.3.1 Buildings, Other Structures, and Foundations .....	7
3.3.2 Wooded and Vegetative Areas .....	7
3.3.3 Water Bodies, Springs, Lagoons, Swamps, Rivers, Lakes, etc. .	7
3.3.4 Utilities, Floor Drains, Vent Pipes, Wells, Cisterns and Septic Systems .....	7
3.3.5 Aboveground/Underground Storage Tanks (ASTs/USTs)...	7
3.3.6 Pipelines.....	7
3.3.7 Transformers and PCB Equipment .....	8
3.3.8 On-Site Hazardous Substances and Petroleum Products .....	8
3.3.9 Unidentified Substance Containers .....	8
3.3.10 Heavy Equipment, and or Hydraulic Equipment Products .....	8
3.3.11 Smells of Chemical Gases, Petroleum Products or Foul Odors..	8
3.3.12 Evidence of Landfill, Dumping, Disturbed Soil or Direct Burial Activity. ....	8
3.3.13 Evidence of Surface Impoundments or Holding Ponds.....	8
3.3.14 Evidence of Solid Waste and or Waste Water Discharges .....	8
3.3.15 Evidence of any Industrial or Production/Storage Activities .....	8
3.3.16 Evidence of any Monitoring Wells or Remedial Activities .....	8
3.3.17 Evidence of Stained or Discolored Surfaces .....	8
3.3.18 Evidence of Leachate or Seeps .....	8
3.3.19 Evidence of any Areas of Distressed, Discolored or Stained..... Vegetation .....	8
3.3.20 Evidence of any Chemical Spills and/or Releases.....	8
3.3.21 Evidence of Discharges, Leachate Migration or Run-Off of Potential Contaminants from an Off-Site Source onto the Subject Site.....	9
3.3.22 Other Known or Observed Environmentally Sensitive or Suspect Conditions on Site.....	9
3.4 Chemical, Gas and Mineral Issues .....	9
3.4.1 Radon Considerations .....	9
3.4.2 Asbestos Visual Inspection .....	9
3.4.3 Lead Based Paint Visual Inspection.....	9
3.4.4 Pesticide/Herbicide Use or Storage Visual Inspection .....	9
3.4.5 Air Emissions.....	9
3.4.6 Mercury Use inspection.....	9
4.0 Site History .....	10
4.1 Aerial Photograph Review .....	10

4.2	Interviews .....	10
4.3	Chain of Title Review .....	11
4.4	Historical Topographic Maps .....	11
4.5	Previous Environmental Reports .....	11
5.0	Adjoining Land Use .....	12
6.0	Review of Regulatory Agency Records .....	12
6.1	Local Officials Records Review .....	12
6.2	NYSDEC/USEPA File Review .....	12
7.0	Environmental Database Review .....	12
8.0	Summary and Conclusions .....	13
9.0	Certification .....	14
10.0	Qualifications .....	14
11.0	References .....	15

LIST OF TABLES

Table 4-1	Aerial Photograph Review.....	10
Table 5-1	Adjoining Land Use Summary .....	12

LIST OF APPENDICES

Appendix A	Figures	
Figure 1	Site Location Map	
Figure 2	USGS Vicinity Map	
Figure 3	Town of Neversink Tax Map; Section 32	
Figure 4	USDA Soils Map	
Figure 5	NWI Wetlands Aerial	
Figure 6	FEMA Flood Zones Map	
Appendix B	Site Inspection Checklist	
Appendix C	Site Photographs	
Appendix D	Historical Research Documentation	
	• Historical Aerial Photographs	
	• Historical Topographic Maps	
	• NEPA Check	
	• Environmental Lien Search	
	• Sanborn Report	
	• Building Permit Report	
	• Tax Map Report	
Appendix E	Regulatory Records Documentation	
	• Environmental Data Resource Inc. Radius Map Report	
Appendix F	Historical Environmental Site Survey	
	• GEI Consultants Inc.; Van Nostrand 32-1-11.1 Update Phase I Report	

## 1.0 EXECUTIVE SUMMARY

Ecological Analysis has conducted a Phase I Environmental Site Assessment (Phase I ESA) of residential property located at 7752 St. Rt. 42 in the Town of Neversink, Sullivan County, New York (the Subject Site). The Subject Site is owned by Charles Van Nostrand and is identified as Sullivan County Tax Map No. 484200-32-1-11.3. The Subject Site encompasses the Van Nostrand residence totaling approximately 0.92 acres. The assessment was conducted in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquiries* and Standard Practice E-1527-05 of the ASTM, updated November 2005.

Based on the scope of this Phase I ESA as outlined in Section 2.1 of this report, recognized environmental conditions have been identified at this time. The following environmental concerns have been identified and evaluated with respect to “business environmental risk”;

- **Asbestos**  
Based upon the age of the structure (reported as 1850), and the site walk through suspected asbestos containing materials including carpet mastic, caulk, ceiling tile mastic, ceiling tile, drywall, plaster, rolled vinyl, rolled vinyl mastic, roofing materials, sink insulation, spackle, water boiler thermal, window caulk, and window glaze were noted. A pre-demolition asbestos survey should be conducted at the Subject Site and asbestos containing building materials should be removed and or managed according to applicable regulatory requirements.
- **Lead based paint**  
Based upon the age of the structure, it is possible that some painted surfaces contain lead-based paint. A pre-demolition lead based paint survey should be conducted at the Subject Site and identified lead based paint covered building components throughout the Subject Site should be removed and or managed according to applicable regulatory requirements.
- **Mercury**  
A visual inspection for potential mercury use or storage was completed for the Subject Site. A thermostat and fluorescent bulb lighting fixtures were identified during the site inspection. The mercury content of the thermostat and the fluorescent bulbs is unknown at present. We therefore recommend that further investigations be conducted to quantify the mercury content of the abovementioned materials and that based upon that characterization the material should be removed and managed according to applicable regulatory requirements.
- **On-Site Hazardous Substances and Petroleum Products**  
Hazardous substances and petroleum products were identified onsite during the inspection and situated in the storage shed. These consist of small amounts of WD-40 (penetrating oil), new and used motor oil, and gasoline. (See site photographs). We therefore recommend that the hazardous substances and petroleum products identified onsite during the inspection be removed and managed according to applicable regulatory requirements.

While every effort within the scope and limitations of 40 CFR Part 312 and ASTM E1527-05 has been made to identify recognized environmental conditions with respect to hazardous substances or petroleum products, there is no guarantee, either stated or implied, that additional environmental conditions do not exist on the Subject Site.

## 2.0 INTRODUCTION

Ecological Analysis has conducted a Phase I ESA of developed property located at 7752 St. Rt. 42 in the Town of Neversink, Sullivan County, New York (See Appendix A, Figure 1 Site Location Map, Figure 2 USGS Map and Appendix B, Site Inspection Checklist Site Aerial/Tax Map). The Subject Site is owned by the Charles Van Nostrand and is identified as Sullivan County Tax Map No. 484200-32-1-11.3 (See Appendix A, Figure 3, Town of Neversink Tax Map). The Subject Site encompasses a residence, a detached garage, a storage shed, and the surrounding grounds totaling approximately 0.92 acres. The Subject Site is located in the Town of Neversink and is bordered by South Hill Road to the north and east; Coombe Road to the south; and St. Rt. 42 to the west. The goal of a Phase I ESA is to assess the extent to which recognized environmental conditions, including hazardous substances, petroleum products, wastes, and/or other environmental hazards exist that could result in significant risk and/or liability to the owner or occupants of the Subject Site, or to others. The assessment includes identifying environmental hazards, qualitatively and quantitatively (when required) evaluating risk, and identifying methods of risk reduction where risks are present.

### 2.1 Definition of Work Scope

The scope of this Phase I ESA for the Site was limited to include assessments, evaluations, conclusions and recommendations related to the Subject Site's recognized environmental conditions based on a visual site inspection and available records review in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquires* and Standard Practice E-1527-05 of the ASTM, updated November 2005. ASTM standards, when followed, constitute “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice,” as defined by Federal regulations (42 USC 9601 (35)(B) CERCLA).

The term, recognized environmental condition, is defined as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with existing laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The assessment was based on the following work program:

- Site Inspection: A walk-through site inspection was conducted on March 27, 2013 to evaluate the current environmental condition of the Subject Site with respect to items such as underground storage tanks (USTs), hazardous or regulated materials, or other

visual indications of environmental conditions that could affect the Subject Site. Available site characterization maps and other sources of site characteristics were also reviewed, including National Wetlands Inventory Maps, FEMA Flood Insurance Rate maps, soil/geology resources, and recent aerial photographs.

Owner/Occupant Interview: A site visit was conducted by Ecological Analysis on November 28, 2012. A subsequent telephone interview was conducted with the property owner Mr. Van Nostrand. In addition, the Town of Neversink Clerk's office and the Town of Neversink Assessor's office were contacted. These persons were interviewed in order to obtain information pertaining to known or recognized environmental conditions associated with the Subject Site. Based on the amount of environmental concerns associated with the Subject Site's location, concerning the Town of Neversink and the historical use of the property, further owner/occupant interviews were not deemed necessary.

- Review of Site History: This review was conducted to identify past land uses or features that might be indicative of environmental concern. Sources of information reviewed included historical aerial photographs and topographic maps, internet search results, as well as information provided by the Town of Neversink as part of the interviews described above.
- Review of Adjoining Land Uses: Adjoining land uses were preliminarily reviewed to assess the potential for environmental impacts on the Subject Site. This review was based on visual observations of adjacent properties during the site inspection, an aerial photograph review and a review of a computerized regulatory database report described below. Historical topographic maps were also reviewed for the vicinity of the Subject Site.
- Computerized Regulatory Database Search and Agency File Reviews: A computerized environmental regulatory program database report for facilities located within the ASTM specified radius of the Site was obtained from Environmental Data Resources, Inc. (EDR) of Southport, Connecticut. The databases provide information on sites located within an ASTM-standard specified distance pertaining to the Federal Comprehensive Environmental Response, Compensation and Liability Act/National Priority List (CERCLA/NPL) and Resource Conservation and Recovery Act (RCRA) programs, Emergency Response Notification System (ERNS), and State Underground Storage Tank/Aboveground Storage Tank (UST/ AST), hazardous waste and solid waste facility program records. In addition, the Sullivan County Municipal offices online databases were contacted for relevant information pertaining to the Subject Site and nearby properties.

## 2.2. Limitations

A site walk through could not be conducted with the property owner; however the building was vacant and all interior areas were accessed along with the surrounding grounds. This limitation is not sufficient to adversely impact the quality of the site inspection. No other limitations were encountered during performance of this Phase I ESA.

## 2.3 Exceptions and Deletions

No exceptions or deletions to ASTM E-1527-05 were performed in connection with the preparation of this Phase I ESA.

### 3.0 SITE DESCRIPTION

The Subject Site consists of one tax parcel (Sullivan County Tax Map No. 484200-32-1-11.3) totaling 0.92 acres with the tax parcel situated in the Town of Neversink, Sullivan County, New York. A site location map (Figure 1) is provided in Appendix A. The Subject Site is situated at 7752 St. Rt. 42, which is east opposite from Big Hollow Road. The Subject Site was visited on March 27, 2013. The Subject Site was formerly farm fields and is currently owned by Charles Van Nostrand.

#### 3.1 Geology and Hydrogeology

According to the 1982 USGS 7.5-Minute Quadrangle map for the Grahamsville, New York vicinity, the Subject Site lies at approximately 1030-feet above mean sea level and slopes gentle towards St. Rt.42. Based on local topography, the apparent groundwater flow direction is from west to east toward the Red Brook, which is located east of the Subject Site. According to the USDA Web Soil Survey (Figure 4 – Soils Map), the Subject Site's overburden is composed of Riverhead sandy loam (RhC). As detailed in the USDA Web Soil Survey the soil unit RhC consists of loamy glaciofluvial deposits overlying stratified sand and gravel. Slopes range from 8 to 15 percent. Soil within this unit is well drained and prime farmland.

#### 3.2 Wetlands/Flood Hazard Areas Review

Wetland and Flood determinations exceed the scope of Phase I investigations. However, a review of readily available documentation was conducted. Ecological Analysis reviewed the Sullivan County GIS website and the National Wetlands Inventory Map data for the Subject Site. According to these sources, no mapped wetlands are present onsite. Figure 5 - NWI wetlands aerial is included in Appendix A. FEMA Flood Insurance Rate Maps covering the area of the Subject Site were reviewed, and based on this source the Subject Site is not located in a mapped flood zone. The Flood Insurance Rate Map for the Town of Neversink was also reviewed and the information was verified. No mapped flood zones are located on and in the vicinity of the Subject Site. Figure 6 –FEMA Flood Zones Map is included in Appendix A.

#### 3.3 Site Inspection

<b>Date of Inspection:</b>	March 27, 2013
<b>Arrival Time:</b>	9:08 am
<b>Ecological Analysis Personnel:</b>	Mr. Stephen V. Cackowski
<b>Site Representatives:</b>	None

The Subject Site was traversed by Mr. Stephen V. Cackowski, Environmental Scientist of Ecological Analysis on March 27, 2013. Verbal permission to traverse the Subject Site and enter the residence was granted by the Town of Neversink Supervisor, Mr. McCarthy, and the property owner Mr. Van Nostrand. A site walk through was not be conducted with either of the Town Supervisor or the property owner; however the residence was vacant and all interior areas were accessed along with the surrounding grounds. No other limitations were encountered during the site inspection.

The Subject Site consists of a residence, a detached garage, a storage shed, and the surrounding grounds. Each of the adjacent or abutting properties was inspected along their perimeters to evaluate the likelihood of potential environmental concerns

originating off site that may impact the Subject Site. During the site visit, the weather was dry, partly sunny with temperatures ranging from 35-41<sup>OF</sup> and a light breeze. A site inspection checklist is included as Appendix B. Photographs of the Site are presented as Appendix C.

The following is a list of specific areas of potential environmental concern that were investigated by Ecological Analysis personnel during the site inspection.

### 3.3.1 Buildings, Other Structures, Foundations, and Old Ruins

The Subject Site consists of approximately 0.92 acres of developed residential lot. Evidence of onsite buildings, structures, foundations or old ruins were identified during the site inspection. The Subject Site is improved with one residence, which at inspection time was vacant. The residence is a 1.5-story, 1,476 sq. ft., wood frame building constructed on a partial basement. The detached garage is a 1-story, 384sq. ft., wood frame building constructed on slab at grade. The manufactured storage shed is a 1-story, 96sq. ft., wood frame building constructed on wooden skids at grade. The remnants of an aboveground pool are located east of the residence. The residence is serviced by onsite potable water and septic systems, electric utilities, and is heated with bottled propane. The residence is improved with a cover porch along the west side of the building and an open porch along the southeast corner of the building. A paved driveway provides access from St. Rt. 42 and paved parking is situated along the west side of the garage. In Appendix B, Site Aerial Tax Map shows the property boundary as well as a 2006 aerial photograph depicting accurate site conditions.

### 3.3.2 Wooded and Vegetative Areas

The land surrounding the Subject Site's structures is covered by lawn and shrubs situated along the west side of the covered porch and mature trees situated near the residence and garage. No areas of wet soils were observed onsite.

### 3.3.3 Water Bodies, Springs, Lagoons, Swamps, Rivers, Lakes, etc.

There are no streams or other water bodies located on the Subject site. The presence of a stream (Red Brook) was identified east to the Subject Site during the inspection.

### 3.3.4 Utilities, Floor Drains, Vent Pipes, Wells, Cisterns and Septic Systems

The Subject Site is a developed residential lot. Onsite potable water and septic services are available to the site. Electric services are available through Central Hudson Gas and Electric. Bottled Propane services are provided by Blue Flame Propane. Evidence of floor drains, vent pipes, and cisterns were not identified onsite.

### 3.3.5 Aboveground/Underground Storage Tanks (AST/USTs)

Evidence of aboveground or underground petroleum storage tanks was not identified onsite. However three bottled propane tanks were observed along the northeast corner of the residence.

### 3.3.6 Pipelines

Evidence of pipelines was not identified onsite.

### 3.3.7 Transformers and PCB Equipment

Evidence of electrical transformers was not identified onsite during the inspection.

### 3.3.8 On-Site Hazardous Substances and Petroleum Products

Hazardous substances and petroleum products were identified onsite during the inspection and situated in the storage shed. These consist of small amounts of WD-40 (penetrating oil), new and used motor oil, and gasoline. (See site photographs).

3.3.9 Unidentified Substance Containers

Unidentified substance containers were not observed during the site inspection.

3.3.10 Heavy Equipment, and or Hydraulic Equipment

No heavy equipment and/or hydraulic equipment were observed during the site inspection.

3.3.11 Smells of Chemical Gases, Petroleum Products or Foul Odors

There was no evidence of chemical gases, likewise, no petroleum product release or foul odors were identified during the site inspection.

3.3.12 Evidence of Landfill, Dumping, Disturbed Soil or Direct Burial Activity

No evidence of landfill, disturbed soil or direct burial activity was identified during the site inspection.

3.3.13 Evidence of Surface Impoundments or Holding Ponds

No evidence of such was encountered during the site inspection.

3.3.14 Evidence of Solid Waste and or Waste Water Discharges

No evidence of solid waste and or waste water discharges was identified onsite

3.3.15 Evidence of any Industrial or Production/Storage Activities

No evidence of industrial production or storage activities was identified onsite.

3.3.16 Evidence of any Monitoring Wells or Remedial Activities

No evidence of monitoring wells or remedial activities was encountered at the Subject Site. There was evidence of a groundwater monitoring well onsite.

3.3.17 Evidence of Stained or Discolored Surfaces

No evidence of stained or discolored surfaces was identified onsite.

3.3.18 Evidence of Leachate or Seeps

No evidence of such was encountered during the site inspection.

3.3.19 Evidence of any Areas of Distressed, Discolored or Stained Vegetation

No areas of distressed, discolored, or stained vegetation were observed during the site inspection.

3.3.20 Evidence of any Chemical Spills and/or Releases

No evidence of such was encountered during the site inspection.

3.3.21 Evidence of Discharges, Leachate Migration or Run-Off of Potential Contaminants from an Off-Site Source onto the Subject Site

No evidence of discharges, leachate migration, or run-off of potential contaminants from an offsite source was identified during the site inspection.

### 3.3.22 Other Known or Observed Environmentally Sensitive or Suspect Conditions On Site

No other known or observed environmentally sensitive or suspect conditions were observed on-site during the site inspection.

## 3.4 Chemical, Gas and Mineral Issues

### 3.4.1 Radon Considerations

No radon sampling or testing was completed as part of this Phase I ESA.

### 3.4.2 Asbestos Visual Inspection

Asbestos inspection or investigation is beyond the scope of this Phase I ESA and was not conducted by Ecological Analysis. However, based upon the age of the site structures (reported as 1850 for the residence and 1936 for the garage), and the site walk through, suspected asbestos containing materials including carpet mastic, caulk, ceiling tile mastic, ceiling tile, drywall, plaster, rolled vinyl, rolled vinyl mastic, roofing materials, sink insulation, spackle, water boiler thermal, window caulk, and window glaze were noted.

### 3.4.3 Lead Based Paint Visual Inspection

Lead based paint inspection or investigation is beyond the scope of this Phase I ESA and was not conducted by Ecological Analysis. However, based upon the age of the site structures and the site walk through it is possible that some painted surfaces contain lead-based paint.

### 3.4.4 Pesticide/Herbicide Use or Storage Visual Inspection

A visual inspection for potential pesticide/herbicide use or storage was completed for the Site. Materials containing pesticides and/or herbicides were not identified during the site inspection.

### 3.4.5 Air Emissions

In accordance with 6 NYCRR Part 201, air emission sources must be permitted through the NYSDEC. An air emission source is defined as an apparatus capable of causing the emissions of air contaminants to the outdoor atmosphere. Ventilation systems used for heating buildings for the comfort of people working or living and bathroom exhaust vents (less than 10 million BTU/hr heat input capacity) are exempt from permit requirements. Based on this information, there does not appear to be any environmental concerns relative to air emissions from the Site.

### 3.4.6 Mercury Use Inspection

Mercury use inspection or investigation is beyond the scope of this Phase I ESA and was not conducted by Ecological Analysis. However, based upon the site walk through a thermostat and fluorescent bulb lighting fixtures were noted in the residence. The mercury content of the thermostat and fluorescent bulbs is unknown at present.

## **4.0 SITE HISTORY**

To evaluate the Site's history, persons with knowledge of property were interviewed; historical aerial photographs and topographic maps were examined for the Subject Site. The findings of these reviews and interviews are summarized in the following sections.

#### 4.1 Aerial Photograph Review

Ecological Analysis reviewed aerial photographs covering the Site from 1963 to 2011. The results of the review are summarized in the table below. Aerial photographs are included in Appendix D of this report.

TABLE 4-1: AERIAL PHOTOGRAPH REVIEW

Date	Description
1963	This aerial presents Subject Site as improved with what appears to be a residence and detached garage; north, east, and south adjacent property as farm fields; and west adjacent property as improved with what appears to be a small structure fronting Big Hollow Road.
1994	This aerial depict Subject Site improved with the aboveground pool; north, east, and south adjacent as generally unchanged: and west adjacent property further improved with what appears to be a residence fronting St. Rt. 42.
1994, 1995 Composite DOQQ	This aerial depict Subject Site and adjacent properties as generally unchanged. Subject Site and adjacent properties are presented as currently configured.
2006	The Subject Site and adjacent properties appear similar to the 1994 aerial.
2008	The Subject Site and adjacent properties appear similar to the 2006 aerial.
2009	The Subject Site and adjacent properties appear similar to the 2008 aerial.
2011	The Subject Site and adjacent properties appear similar to the 2009 aerial.

#### 4.2 Interviews

The property owner, Charles Van Nostrand was interviewed regarding his knowledge of the Subject Site. He informs us that he is not aware of any environmental liens, or AULs, such as engineering controls, land use restrictions, or institutional controls that are in place at subject property specifically and/or have been filed or recorded in a registry under federal, tribal, state, or local law; he does not have specialized knowledge pertaining to subject property; he is not currently aware of commonly known or reasonably ascertainable information pertaining to the property that could potentially help identify conditions indicative of a release or threatened releases; and he has not identified obvious indicators that point to the presence or likely presence of contamination at the property.

The Town of Neversink Building Code Enforcement Officer, Keith Stryker was interviewed regarding his department's knowledge of the Subject Site. Mr. Stryker indicated that his Department has no knowledge of the generation, storage, or disposal of hazardous materials or past/present dumps, ASTs or USTs at the Subject Site.

The Grahamsville Fire Department Chief, Ed McCarthy was interviewed regarding his department's knowledge of the Subject Site. Mr. McCarthy confirmed the recollections of Mr. Stryker and indicated that he has no additional information pertaining to the Subject Site.

#### 4.3 Chain of Title Review

As part of the investigation a chain of title review was conducted at the Town of Neversink Assessor's office and at the Sullivan County Records Depository. Ecological Analysis reviewed the results of an environmental lien search made available from Environmental Data Resources, Inc. (EDR), included in Appendix D of this report, which indicated that no environmental liens, or activity use limitations or land use limitations were found. Copies of current and historical deeds were reviewed at the Sullivan County Records Depository. A review of the subject property deeds revealed owners of the Subject Site were Charles Van Nostrand in 1993, Gene and Linda Barkley in 1977, Jo S. Sklar prior to 1977, Charlotte Sklar in 1967, Robert and Elthea Many prior to 1967, E. Bennet and Mary Many in 1914, and Otto Donaldson, Otis Donaldson, Ollie Dierfelter, and Clorinda Doughty prior to 1914. [*This listing of ownership does not constitute a title search.*]

#### 4.4 Historical Topographic Maps

Ecological Analysis reviewed historical topographic maps covering the Site from 1910 to 1982 made available from EDR. Copies of EDR's Historical Topographic Map Report are included in Appendix D of this report. A summary of the map review information is presented below.

- 1910 This topographic map presents Subject Site improved with a small structure situated where the current residence is located, adjacent properties as undeveloped land and Big Hollow Road as unpaved.
- 1942 This map presents Subject Site and surrounding properties circa 1910.
- 1966 This map presents Subject Site and north, east, and south properties circa 1942 and shows east adjacent property improved with a small structure (residence) fronting St. Rt. 42 and a small structure (garage) fronting the now paved Big Hollow Road.
- 1982 This map shows Subject Site and adjacent properties circa 1966.

4.5 Previous Environmental Reports Ecological Analysis inquired about any previous investigations conducted at the Subject Site. Property owner Mr. Van Nostrand indicated that there were no previous environmental reports pertaining to the Subject Site. Town Supervisor Mr. McCarthy forwarded to Ecological Analysis an Update Phase I ESA for the north, east, and south adjacent property (S-B-L 32-1-11.1) This ESA was conducted by GEI Consultants Inc. for the NYC Department of Environmental Protection in December 2012 with Charles Van Nostrand as the reported property owner (text portion of this ESA is included in Appendix F of this report). GEI noted in the Update Phase I that '*On the basis of information reviewed during this assessment critical environmental areas, historic or landmark designation, rare or endangered species, wetlands and flood hazards were not identified on the subject property (Lot 11.1). Environmental issues associated with the presence of hazardous wastes. Asbestos, radon, or PCBs were also not found.*' GEI concluded in relation to Lot 11.1 that '*Based on the information obtained in the course of this Phase I, which included observations made at the time of a pedestrian reconnaissance and review of available agency records and historical data, no recommendations for Phase II testing are warranted.*'

## 5.0 ADJOINING LAND USE

Adjoining land uses were reviewed to preliminarily assess the potential for environmental impacts to the Site. The assessment of adjacent properties was based on visual observations as well as land use as depicted by the aerial photographs and topographic maps. Adjacent land use is summarized on the table below.

TABLE 5-1: ADJOINING LAND USE SUMMARY

Direction	Description
North	Directly north; field crops Further north; one family residence
South	Directly south; field crops Further south; vacant rural with improvement
East	Directly east; field crops Further east; one family residences and rural residence with acreage
West	Directly west; one family residence Further west; vacant rural land less than 10 acres

Surrounding properties are not anticipated to present significant environmental concerns for the Site.

## 6.0 REVIEW OF REGULATORY AGENCY RECORDS

### 6.1 Local Officials Records Review

The Town of Neversink Building Department was contacted in regards to any potential environmental concerns at the Subject Site and surrounding properties. The interview with the Code Enforcement Officer is detailed above.

### 6.2 NYSDEC/USEPA File Review

Based on the amount of environmental concerns identified at the Subject Site and information provided by EDR in their environmental database search report, an official NYSDEC and/or USEPA FOIA request file review was not conducted as part of this work scope.

## 7.0 ENVIRONMENTAL DATABASE REVIEW

To further evaluate the regulatory status of the Site and surrounding vicinity, a computerized search of Federal and State regulatory databases was conducted. The EDR Report is a screening tool that identifies sites located within a set of ASTM-recommended search radii, which may present a potential environmental concern. The database records search is divided into Federal and State regulatory program searches as described below:

- Federal Programs: Comprehensive Environmental Response, Compensation and Liability Act Information System (CERCLIS); National Priority List (NPL or 'Superfund') List; Resource Conservation and Recovery Act Information System (RCRIS); small/large quantity generators or treatment/storage/disposal (TSD) facilities; and ERNS sites.
- State Programs: UST/AST Program, Leaking Underground Storage Tanks (LUST), State Hazardous Waste Sites (HWS), and Solid Waste Landfill Facilities (SWLF).

Several State and Federal program sites were identified within the ASTM search radius. A detailed description of each database and facility listing is provided within the full EDR report, which is attached as Appendix E. Ecological Analysis does not warrant the accuracy or completeness of the computerized regulatory database report. The report contents are subject to the disclaimer provided within the EDR report. Subject Site, adjacent properties, and next adjacent properties were not listed in any of the searched databases. There are no occurrences within the ASTM search radius that are of environmental concern to the Subject Site.

### **Unplottable Sites**

40 unplottable listings were identified within the EDR report. Of these orphan summary properties none were identified as adjacent properties and none were identified to be in the immediate vicinity of the Subject Site.

## **8.0 SUMMARY AND CONCLUSIONS**

Ecological Analysis has conducted a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 7752 St. Rt. 42 in the Town of Neversink, Sullivan County, New York. The Subject Site is owned by Charles Van Nostrand and is identified as Sullivan County Tax Map No. 484200-32-1-11.3. The Subject Site encompasses a residence, a detached garage, a storage shed, and the surrounding grounds totaling approximately 0.92 acres. The assessment was conducted in substantial conformance with 40 CFR Part 312 – *Standards and Practices for all Appropriate Inquires* and Standard Practice E-1527-05 of the ASTM, updated November 2005.

Based on the scope of this Phase I ESA as outlined in Section 2.1 of this report, recognized environmental conditions have been identified at this time. The following environmental concerns have been identified and evaluated with respect to “business environmental risk”;

- **Asbestos**  
Based upon the age of the structure (reported as 1850), and the site walk through suspected asbestos containing materials including carpet mastic, caulk, ceiling tile mastic, ceiling tile, drywall, plaster, rolled vinyl, rolled vinyl mastic, roofing materials, sink insulation, spackle, water boiler thermal, window caulk, and window glaze were noted. A pre-demolition asbestos survey should be conducted at the Subject Site and asbestos containing building materials should be removed and or managed according to applicable regulatory requirements.
- **Lead based paint**  
Based upon the age of the structure, it is possible that some painted surfaces contain lead-based paint. A pre-demolition lead based paint survey should be conducted at the Subject Site and identified lead based paint covered building components throughout the Subject Site should be removed and or managed according to applicable regulatory requirements.
- **Mercury**  
A visual inspection for potential mercury use or storage was completed for the Subject Site. A thermostat and fluorescent bulb lighting fixtures were identified during the site inspection. The mercury content of the thermostat and the fluorescent bulbs is unknown at present. We therefore recommend that further investigations be conducted to quantify the mercury content of the abovementioned materials and that based upon that characterization the

material should be removed and managed according to applicable regulatory requirements.

- **On-Site Hazardous Substances and Petroleum Products**

Hazardous substances and petroleum products were identified onsite during the inspection and situated in the storage shed. These consist of small amounts of WD-40 (penetrating oil), new and used motor oil, and gasoline. (See site photographs). We therefore recommend that the hazardous substances and petroleum products identified onsite during the inspection be removed and managed according to applicable regulatory requirements.

While every effort within the scope and limitations of 40 CFR Part 312 and ASTM E1527-05 has been made to identify recognized environmental conditions with respect to hazardous substances or petroleum products, there is no guarantee, either stated or implied, that additional environmental conditions do not exist on the Subject Site.

## **9.0 CERTIFICATION**

The reported analyses, opinions, and conclusions are personal, unbiased, professional, and limited only by the assumptions and qualifications stated herein. Compensation is not contingent upon an action or an event resulting from the analyses, opinions or conclusions in, or the use of this report.

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

---

James A. Bates CPESC, CPSWQ  
Managing Member

## **10.0 QUALIFICATIONS**

Ecological Analysis is a full service ecological, environmental and planning firm offering services from initial planning, ecological, environmental and feasibility studies through detailed design, procurement and construction phase services.

James A. Bates, President performed this Phase I ESA. The scope of this investigation was limited to visual observation of surface conditions at the Site, interviews with the property owner's representative and potential buyer, listed public agency personnel, and a review of readily available reports and literature.

The investigation addresses the likelihood of hazardous substance or petroleum product contamination resulting from past and current known uses of the Subject Site. As a result, certain other conditions remain unknown. These conditions include, but are not limited to, the following:

1. Naturally occurring toxins in the subsurface soils, rocks, water, or on-site flora;
2. Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;

3. Presence of lead or copper in drinking water or in paint, which could exceed regulatory standards;
4. Contaminant plumes or contaminated soils below the ground surface;
5. Contaminants or contaminant concentrations that do not violate present regulatory standards but may violate future such standards;
6. Radon gas;
7. Wetlands;
8. Sinkholes or subsurface conditions affecting structural stability;
9. Operations conducted on days other than those during our observation;
10. Unknown Site contamination, such as "midnight" dumping and/or accidental spillage which may have occurred before or following the site visit.  
Additional investigation, including sampling and laboratory analysis, is needed to confirm the presence or absence of the above items.

The computer database contained in this report has been provided by Environmental Data Resources and was obtained from publicly available sources and other secondary sources of information produced by others. Ecological Analysis disclaims any and all liability for any errors, omission, or inaccuracies in such information and data, whether attributable to inadvertence or otherwise, and for any consequences arising therein. The report is valid only for the geographical parameters specified on the cover page of that report, and any alteration or deviation from that description will require a new report.

Information provided to Ecological Analysis, LLC by interviewees forms the basis for certain opinions and findings for this report. Ecological Analysis cannot warrant the accuracy or completeness of information provided by these sources, but has used professional judgment, available site information, and visual observations in incorporating information provided by the interviewee into this report.

Services for this project are performed in accordance with the Agreement between the Client and Ecological Analysis. No warranty or guarantee of site conditions is intended. This report is solely for the use of the Client and any reliance on this report by third parties shall be at such party's sole risk.

This report is intended to be used in its entirety, including all attachments and/or addenda to the report. Reliance on portions of the report, without considering it in its entirety, could potentially lead to misinterpretation by the reader.

## **11.0 REFERENCES**

### Interviews:

Town of Neversink Building Code Enforcement Officer, Keith Stryker, March 28, 2012  
The Grahamsville Fire Department Chief, Ed McCarthy, April 1, 2013  
Property owner, Charles Van Nostrand, April 2, 2013

### Database Search:

*Environmental Data Resources Inc., EDR Radius Map Report*, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013

### Resources:

*Environmental Data Resources Inc., EDR Historical Aerial Photograph Report*, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013

*Environmental Data Resources Inc., EDR Historical Topographic Map Report, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013*

*Environmental Data Resources Inc., EDR NEPA Check, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013*

*Environmental Data Resources Inc., EDR Environmental Lien Search, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 29, 2013*

*Environmental Data Resources Inc., EDR Sanborn Report, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013*

*Environmental Data Resources Inc., EDR Building Permit Report, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013*

*Environmental Data Resources Inc., EDR Tax Map Report, Van Nostrand Property, 7752 St. Rt. 42, Grahamsville Town of Neversink, Sullivan County, New York, compiled March 25, 2013*

*GEI Consultants Inc.; Van Nostrand 32-1-11.1 Update Phase I Report, dated January 2013*  
United States Geological Survey; Grahamsville, New York 7.5 minute series  
Topographic Quadrangle, dated 1982

Sullivan County Community Online Mapping Information Tool

USDA Online Soil Survey

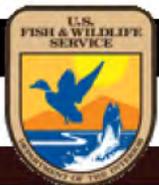
USFWS Online National Wetlands Inventory

FEMA Online National Flood Insurance Program, Flood Insurance Rate Map

Photo Log

# Appendix A

## Figures



U.S. Fish and Wildlife Service

# National Wetlands Inventory

7752 St. Rt. 42,  
Grahamsville, NY

Apr 2, 2013



## Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

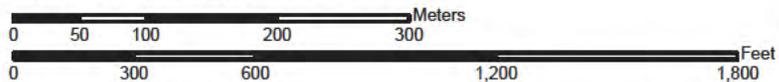
Soil Map—Sullivan County, New York  
(7752 St. Rt. 42, Grahamsville, NY)



74° 32' 53"



Map Scale: 1:5,910 if printed on A size (8.5" x 11") sheet.



74° 32' 0"

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Units

### Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

-  Very Stony Spot
-  Wet Spot
-  Other

### Special Line Features

-  Gully
-  Short Steep Slope
-  Other

### Political Features

-  Cities

### Water Features

-  Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

## MAP INFORMATION

Map Scale: 1:5,910 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:15,840.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 Coordinate System: UTM Zone 18N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

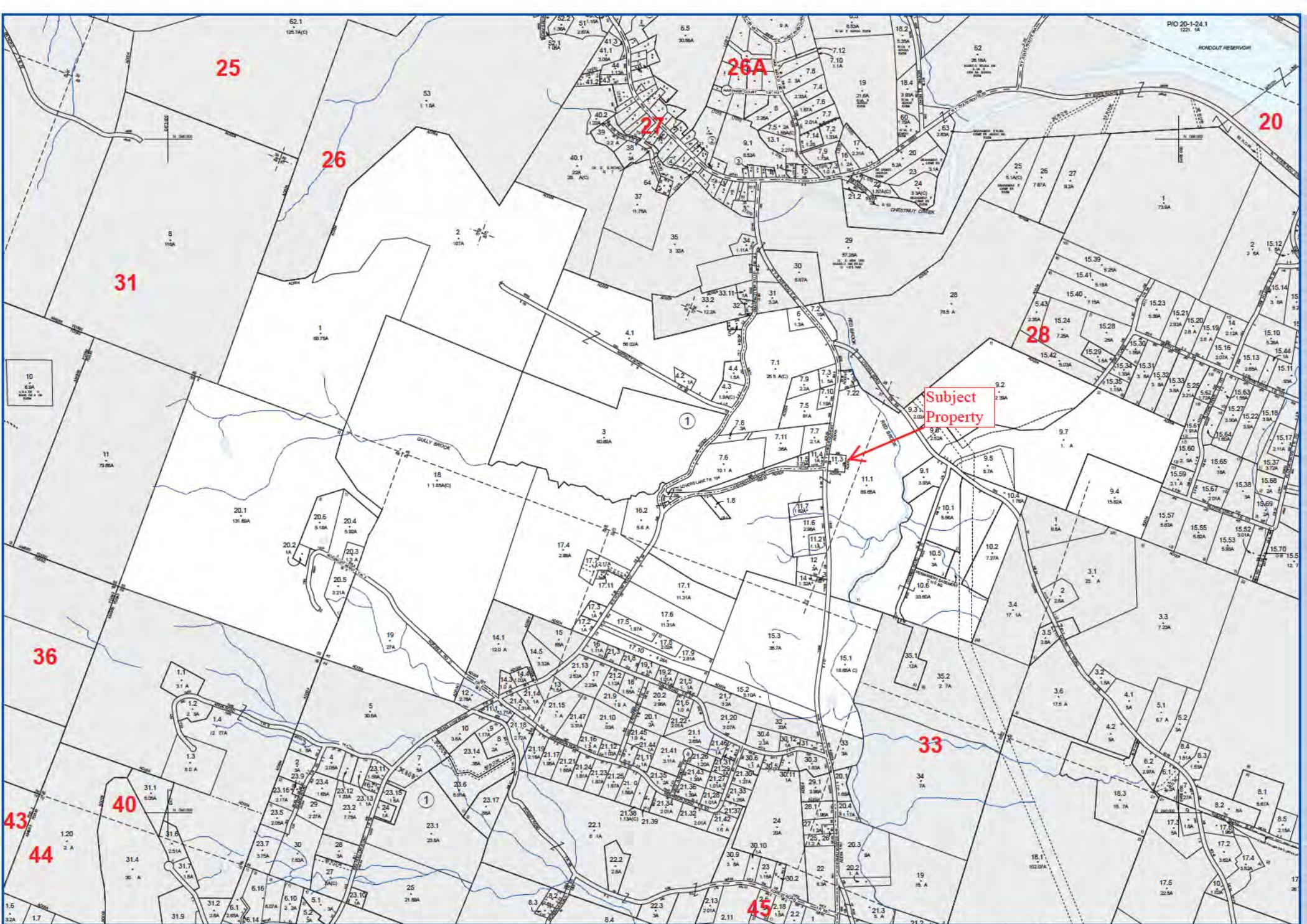
Soil Survey Area: Sullivan County, New York  
 Survey Area Data: Version 11, Sep 21, 2012

Date(s) aerial images were photographed: 10/16/2006

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

## Map Unit Legend

Sullivan County, New York (NY105)			
Map Unit Symbol			Percent of AOI
CsC	Cheshire channery loam, 8 to 15 percent slopes, stony	20.1	12.6%
CsD	Cheshire channery loam, 15 to 25 percent slopes, stony	13.7	8.6%
CsE	Cheshire channery loam, 25 to 35 percent slopes, stony	9.1	5.7%
Fu	Fluvaquents-Udifulvents complex, frequently flooded	0.9	0.6%
LaC	Lackawanna channery loam, 8 to 15 percent slopes	2.1	1.3%
MrC	Morris loam, 8 to 15 percent slopes	2.6	1.6%
RhA	Riverhead sandy loam, 0 to 3 percent slopes	10.3	6.5%
RhC	Riverhead sandy loam, 8 to 15 percent slopes	22.4	14.1%
ScA	Scriba loam, 0 to 3 percent slopes, stony	2.5	1.5%
SeB	Scriba and Morris loams, gently sloping, extremely stony	0.0	0.0%
SwE	Swartswood and Lackawanna soils, steep, very stony	0.7	0.4%
TkA	Tunkhannock gravelly loam, 0 to 3 percent slopes	1.5	1.0%
TkC	Tunkhannock gravelly loam, 8 to 15 percent slopes	1.9	1.2%
TkD	Tunkhannock gravelly loam, 15 to 25 percent slopes	0.1	0.1%
ToF	Tunkhannock and Otisville soils, very steep	11.4	7.2%
WeB	Wellsboro gravelly loam, 3 to 8 percent slopes	14.0	8.8%
WeC	Wellsboro gravelly loam, 8 to 15 percent slopes	4.9	3.1%
WIC	Wellsboro and Wurtsboro soils, strongly sloping, extremely stony	37.9	23.8%
WuC	Wurtsboro loam, 8 to 15 percent slopes, stony	2.8	1.8%
<b>Totals for Area of Interest</b>		<b>159.1</b>	<b>100.0%</b>



**SULLIVAN COUNTY TAX MAP DEPARTMENT**  
 FOR TAX PURPOSES ONLY  
 NOT TO BE USED FOR CONVEYANCE

WELLES MAPPING

North American Datum: 1983, New York East

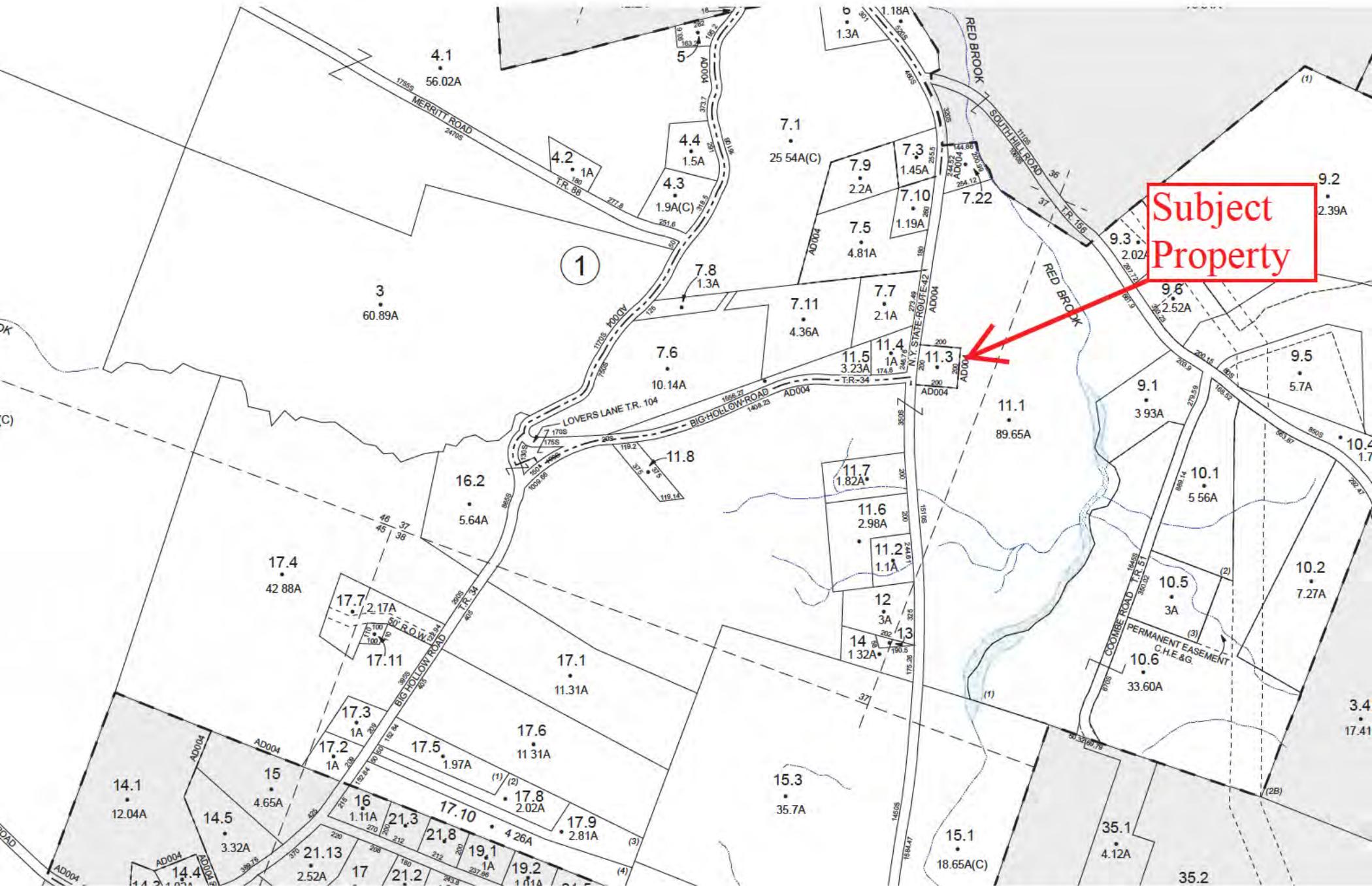
REVISION TABLE		REVISION TABLE	
DATE	CHANGES	DATE	CHANGES
2/20/20	Corrected 20-17 and 20-18	2/27/2020	Added Reservoir to 20-15
2/20/20	Corrected 20-17 and 20-18	2/27/2020	Added Reservoir to 20-15
2/20/20	Corrected 20-17 and 20-18	2/27/2020	Added Reservoir to 20-15

SPECIAL DISTRICTS			
TYPE	SYMBOL	NAME	ARLUM NO.
RES	(Symbol)	RESERVE	1000
WATER	(Symbol)	WATER	1000
ROAD	(Symbol)	ROAD	1000

LEGEND	
SYMBOL	DESCRIPTION
(Symbol)	Section Line
(Symbol)	Water
(Symbol)	Road
(Symbol)	Reservoir

TAX MAP  
**TOWN OF NEVERSINK**  
 SULLIVAN COUNTY, NEW YORK

SECTION INDEX



**Subject Property**

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2.39A

9.5  
5.7A

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1.7

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7.27A

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13

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18.65A(C)

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1.19A

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4.36A

7.6  
10.14A

11.5  
3.23A

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89.65A

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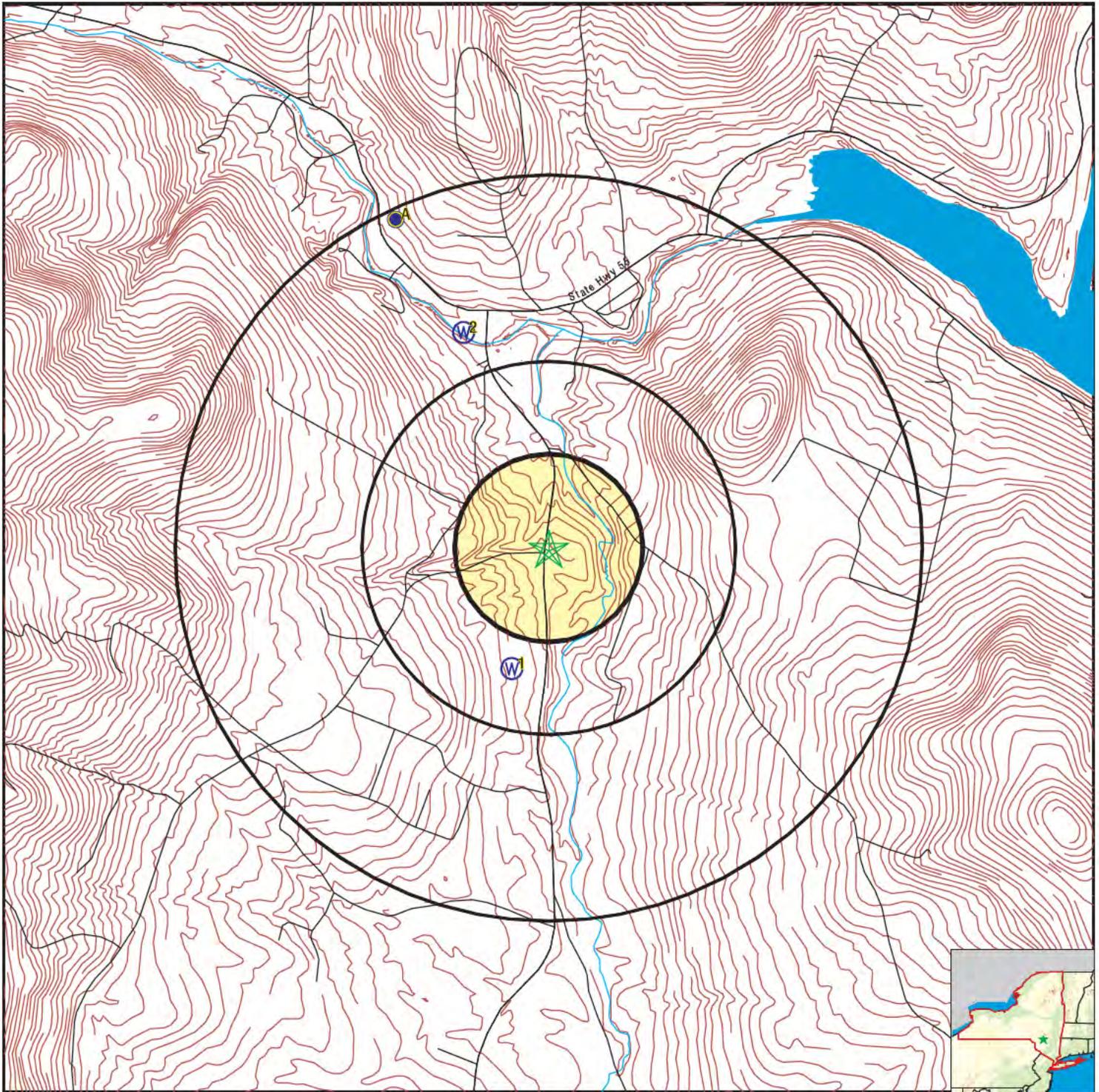
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# PHYSICAL SETTING SOURCE MAP - 3556405.2s

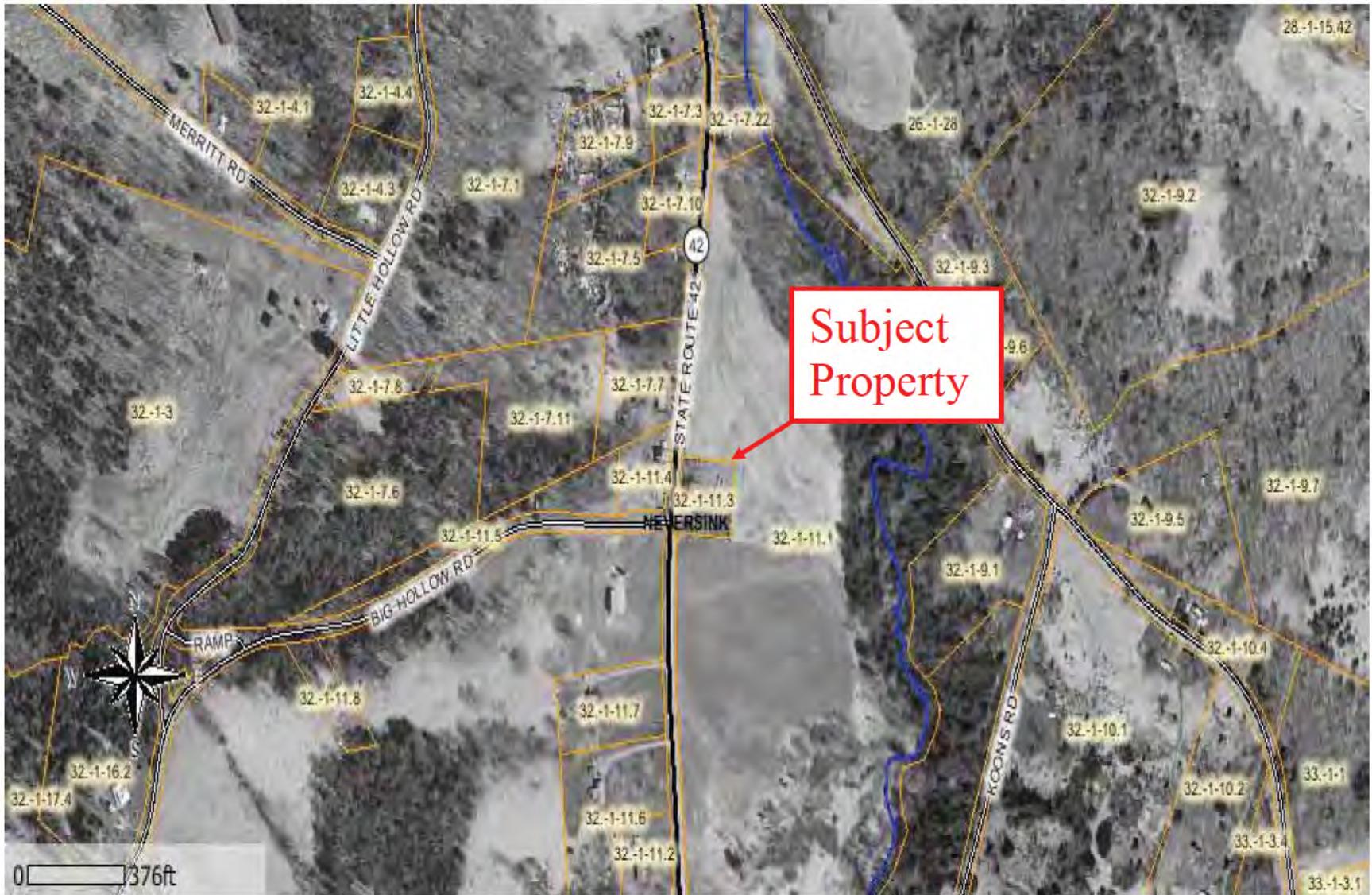


- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

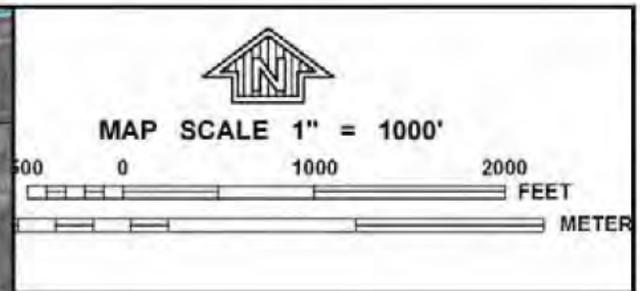
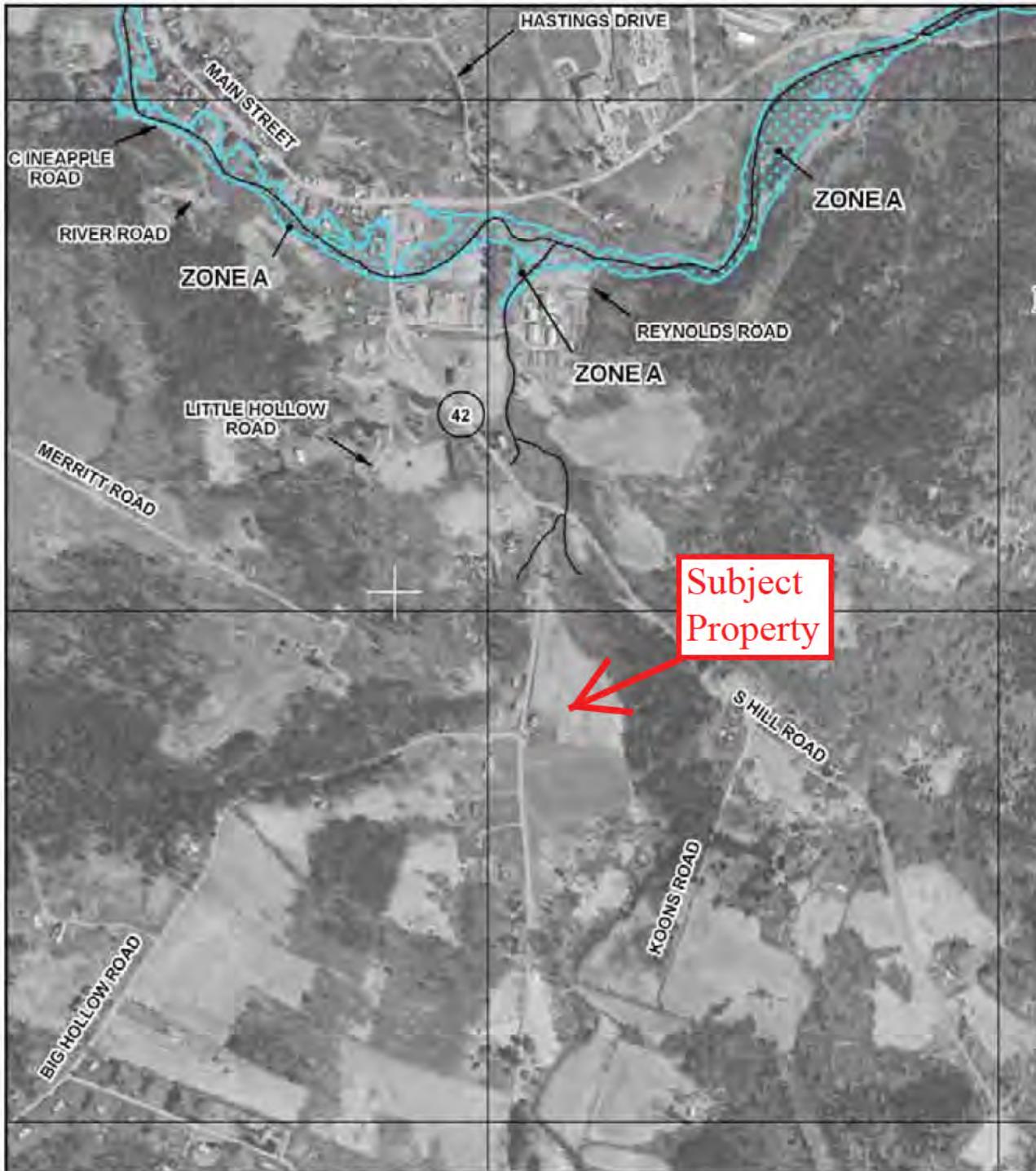
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Nostrand Property  
 ADDRESS: 7752 Route 42  
 Grahamsville NY 12740  
 LAT/LONG: 41.837 / 74.5413

CLIENT: Ecological Analysis LLC  
 CONTACT: James Bates  
 INQUIRY #: 3556405.2s  
 DATE: March 25, 2013 11:52 am



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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0335F

**FIRM**  
 FLOOD INSURANCE RATE MAP  
 for SULLIVAN COUNTY, NEW YORK  
 (ALL JURISDICTIONS)

CONTAINS:

COMMUNITY	NUMBER
NEVERSINK, TOWN OF	360828

PANEL 335 OF 780  
 MAP SUFFIX: F  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

Notice to User: The Map Number shown below should be used when making map orders. The Community Number shown above should be used on insurance applications for the subject community.



**MAP NUMBER**  
 36105C0335F

**MAP EFFECTIVE**  
 FEBRUARY 18, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)

# Appendix B

## Site Inspection Checklist

**SITE INSPECTION REPORT**

**Project No.** 102.00112    **Date** 3/27/13    **Time** 0908 - 1110    **EA Personnel** Stephen Cackowski

**Site Name** Charles Van Nostrand Residence  
**Street Address** 7752 NY State Route 42  
**T/V/C, County, State** Town of Neversink, Sullivan County, New York  
**Adjacent Streets.** North: South Hill Road  
South: Coombe Road  
East: South Hill Road  
West: Big Hollow Road  
**Mailing Address** Mark McCarthy, Supervisor  
Town of Neversink Hall  
273 Main Street  
Grahamsville, NY 12740  
**Tax Map No.** 484200-32.15-1-11.3  
**Persons Present @ Visit** None  
**Weather Conditions** Dry, Partly Sunny, 35-41<sup>of</sup>, Light Breeze

**Owner:** Charles Van Nostrand  
Abstract of Title Obtained or Reviewed No

**Locality:**

<u>-</u>	Urban	<u>-</u>	Suburban	<u>Yes</u>	Rural
<u>-</u>	Highly Developed	<u>-</u>		<u>Moderately Developed</u>	
<u>-</u>	Lightly Developed	<u>Yes</u>		<u>Undeveloped</u>	
<u>-</u>	Industrial	<u>-</u>	Commercial	<u>Yes</u>	Residential
<u>-</u>	Agricultural	<u>Yes</u>	Vacant	<u>-</u>	Wooded
<u>-</u>	Fallow				

Site Survey Copy Obtained No

**Topography** Level @ X 5% Slope - 10% Slope West to NSEW  
Grade East  
 Other (Explain) -  
 Gen'l Area - NSEW - Level  
 Assumed Ground Water Flow Direction West to East

**Grounds**

Acreage	<u>0.92 A(c)</u>	Frontage	<u>200 ft. (est.)</u>	Depth	<u>200 ft. (est.)</u>
Paved Area	<u>Yes</u>	Green Area	<u>Yes</u>	Trees	<u>Yes</u>
	<u>No</u>	Dead Veg.	<u>No</u>	Storm Drains	<u>No</u>
	<u>No</u>	Dumping	<u>No</u>	Fill Material	<u>-</u>
Type of Fill/Composition	<u>-</u>				
Location	<u>-</u>				
Water Source	<u>Onsite</u>	Well	<u>-</u>	Municipal	

**Water Bodies** - On-Site - Adjacent Yes Nearby East NSEW  
 Type: Red Brook  
 Drainage Ways -

<b>Structures</b>	Number	<u>1,476</u>	Total SQ Footage	<u>1,476</u>	<i>(above grade)</i>		
		<u>1,476</u>		SQ Footage	<u>1850</u>	Yr. Built	
		<u>-</u>		SQ Footage	<u>-</u>	Yr. Built	
Other	Yes	<u>384</u>	Garage:	Yes	Attached	-	Detached
			SQ Footage			<u>1936</u>	Yr. Built

<b>Bldg</b>	# Stories	<u>1.5</u>	Basement	<u>Partial</u>	Yes	<u>-</u>	No
Condition	<u>-</u>	Excellent	<u>-</u>	Good	<u>-</u>	Fair	<u>X</u> Poor
<u>X</u> Block/Poured	<u>-</u>	Steel	<u>Yes</u>	Wood	<u>-</u>	Brick	
Siding	<u>X</u> Yes	<u>-</u> No	Type:	<u>-</u>			
Roof	<u>-</u> Flat	<u>X</u> Peaked	<u>-</u> Parapet	<u>-</u>	Flashings	<u>-</u>	Mansard
Condition	<u>-</u>	Excellent	<u>X</u>	Good	<u>-</u>	Fair	<u>-</u> Poor
Heating System	<u>Natural gas fired water boilers</u>						
Sanitary Sys.	Yes	On-Site	<u>-</u>	Municipal			
		Septic					
Floor Drains	<u>-</u> Yes	<u>X</u> No	Location	<u>-</u>	Discharge to:	<u>-</u>	
Sump Pump	<u>-</u> Yes	<u>X</u> No	Location	<u>-</u>	Discharge to:	<u>-</u>	

**Description of Current Site Operations**

Residence is vacant

Current Tenants None

**Description of Past Operations**

No past operations other than residence

Historic Tenants Linda & Gene Barkley

**Description of Historic Operations**

No past operations other than residence

<b>Utilities</b>	Yes	Bottled Propane	Yes	Electric	Yes	Telephone	<u>-</u>	Sewer	Yes	Septic
	<u>Yes</u>	Water	<u>Yes</u>	Well	<u>-</u>	Dry Wells	<u>-</u>	Injection Wells		
Wells	Locations:	<u>East of residence</u>								
	Depth:	<u>Unknown at present</u>								
	Use:	<u>Potable water</u>								
	Sample Results:	<u>-</u>								
	Evidence of former Heating System?	<u>-</u>	Yes	<u>X</u>	No					
	Evidence of Former Septic System?	<u>-</u>	Yes	Location:	<u>-</u>					
	When Connected to Municipal Sewer?	<u>-</u>								

<b>PCBs</b>	Suspect PCBs Present	<u>-</u>	Yes	<u>X</u>	No	Wet	<u>-</u>	Dry
	# Transformers:	Client	<u>-</u>	Utility	<u>-</u>	Pole	<u>-</u>	Pad
	Location	<u>-</u>						

**Bulk Storage Tanks:** NONE

USTs:	# USTs	# Registered	# Tested	# Permitted
Capacity:	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Product:	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Date Installed:	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Single/DbI	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Wall:				
Monitoring:	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Type of Monit.	Tank #1 _____	Tank #2 _____	Tank #3 _____	Tank #4 _____
Documentation Available?	_____	Yes _____ No _____	Copies? _____	Yes _____ No _____
Vent Pipes / Fill Ports	_____			

Were any USTs excavated from or filled in place on property? - Yes X No  
Date: \_\_\_\_\_ Documentation Available? - Yes - No  
Contractor Name: \_\_\_\_\_  
Stained, Stressed or Dead Vegetation/Surfaces? - Yes X No

ASTs:	# ASTs	# Registered	# Tested	# Permitted
Capacity:	Tank #1 <u>200 lb.</u>	Tank #2 <u>200 lb.</u>	Tank #3 <u>250 lb.</u>	Tank #4 _____
Product:	Tank #1 <u>Propane</u>	Tank #2 <u>Propane</u>	Tank #3 <u>Propane</u>	Tank #4 _____
Stained, Stressed, or Dead Vegetation/Surfaces?	<u>-</u> Yes <u>X</u> No			

**Asbestos**

Suspect Materials			Location:	
Floor Tile:	9 x 9-in.	<u>-</u>	_____	<u>-</u>
	12 x 12-in.	<u>-</u>	_____	<u>-</u>
	Rolled Vinyl	<u>Yes</u>	_____	<u>Bathrooms &amp; Laundry</u>
	Vinyl Stair Tread	<u>-</u>	_____	<u>-</u>
Ceiling	1 x 1-ft.	<u>Yes</u>	_____	<u>Laundry</u>
Tile:	2 x 2-ft.	<u>-</u>	_____	<u>-</u>
	2 x 4-ft.	<u>-</u>	_____	<u>-</u>
Drywall	<u>Yes</u>	Plaster <u>Yes</u>	Roofing <u>Yes</u>	TSI <u>-</u> Pipe Wrap <u>-</u>
Boiler TSI	<u>-</u>	Duct Wrap _____	Cove Base _____	Transite _____

List Damaged Materials, Amounts & Locations:  
\_\_\_\_\_  
\_\_\_\_\_

**Lead:**

Evidence of Chipping/Peeling Paint? X Yes - No  
Evidence of Suspect Lead Pipes/Solder? X Yes - No  
Any Previous LBP Testing conducted? - Yes X No  
If so, Copies of Documentation Obtained? - Yes X No  
List Locations and Extent of Chipped/Peeling Paint:  
\_\_\_\_\_

**Odors:** No Solvents No Nat'l Gas No Petroleum No Other  
No Visible Spill/Leak No Unknown Origin

**Permits** (If Yes, obtain copies)  
 \_\_\_\_\_ NPDES/SPDES \_\_\_\_\_ RCRA \_\_\_\_\_ Haz. Waste  
 \_\_\_\_\_ Sewer Disch. \_\_\_\_\_ Air Emissions  
 List other permits: \_\_\_\_\_

**Hazardous Materials/Substances:**

Yes \_\_\_\_\_ Stored on-site \_\_\_\_\_ *In Past* \_\_\_\_\_ Used on-site  
 List Hazardous Materials, Amounts, Container Size, Storage Location, Condition:

\_\_\_\_\_  
*WD-40 Penetrating Oil, 0.5 gallon, 1 gallon, Storage Shed, Fair*  
 \_\_\_\_\_  
*Gasoline, 1 gallon, 5 gallon, Storage Shed, Fair*  
 \_\_\_\_\_  
*Gasoline, 2 gallon, 5 gallon, Storage Shed, Fair*  
 \_\_\_\_\_  
*Motor Oil, 0.5 gallon, 1 gallon, Storage Shed, Fair*  
 \_\_\_\_\_  
*Used-Motor Oil, 0.1 gallon, 1 gallon, Storage Shed, Fair*  
 \_\_\_\_\_

Adequate Storage Practices?	_____	Yes	_____	No	_____	_____	_____	_____
MSDSs	_____	Yes	_____	No	Rev'd	_____	Yes	_____
Hazard Communication Program in Place?	_____	Yes	_____	No	_____	Yes	_____	No

**55-Gal Drums/Barrels or Other Containers**

List amount, contents, location, labeling, condition:  
 \_\_\_\_\_

**Wastes:**

Solid: Type/Composition: \_\_\_\_\_  
 Storage: \_\_\_\_\_  
 Collector \_\_\_\_\_ Of \_\_\_\_\_

Recycling: Type/Composition: \_\_\_\_\_  
 Storage: \_\_\_\_\_  
 Collector \_\_\_\_\_ Of \_\_\_\_\_

Hazardous Waste: \_\_\_\_\_  
 Type/Composition; \_\_\_\_\_  
 Storage: \_\_\_\_\_  
 Amt. Generated/yr: \_\_\_\_\_  
 Transporter/Disposal Facility: \_\_\_\_\_ Of \_\_\_\_\_  
 Type/Composition; \_\_\_\_\_  
 Storage: \_\_\_\_\_  
 Amt. Generated/yr: \_\_\_\_\_  
 Transporter/Disposal Facility: \_\_\_\_\_ Of \_\_\_\_\_  
 Type/Composition; \_\_\_\_\_  
 Storage: \_\_\_\_\_  
 Amt. Generated/yr: \_\_\_\_\_  
 Transporter/Disposal Facility: \_\_\_\_\_ Of \_\_\_\_\_  
 Manifests – Obtain copies \_\_\_\_\_

**WASTES CONT'D:**

Waste Oil: N/A  
 Storage: \_\_\_\_\_  
 Collector: \_\_\_\_\_ Of \_\_\_\_\_  
 Disposal Receipts \_\_\_\_\_

**Dry Cleaners:** N/A

Current Machine Type: \_\_\_\_\_  
 Age of Current Machine: \_\_\_\_\_  
 Former Machine \_\_\_\_\_  
 Type(s): \_\_\_\_\_  
 How long has dry cleaning been conducted on-site? \_\_\_\_\_

**Film Developing / X-rays:** N/A

Silver Recovery System in Place? \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Lead Lined Walls for X-Rays Rooms? \_\_\_\_\_ Yes \_\_\_\_\_ No

**Adjacent Properties:** List names and types of operations adjacent and next adjacent to subject property

	S-B-L	Owner	Address	Property Class
<b>North Adjacent 1:</b>	32.-1-11.1	Charles Van Nostrand	St. Rt. 42 E/s	Field Crops
<b>North Next Adjacent 1:</b>	32.-1-7.22	Mary Sienkewicz & Frederick Hanson	7790 St. Rt. 42	One Family Residence
<b>South Adjacent 1:</b>	32.-1-11.1	Charles Van Nostrand	St. Rt. 42 E/s	Field Crops
<b>South Next Adjacent 1:</b>	32.-1-15.1	Corinne Weber	St. Rt. 42 E/s	Vacant Rural with Improvement
<b>East Adjacent 1:</b>	32.-1-11.1	Charles Van Nostrand	St. Rt. 42 E/s	Field Crops
<b>East Next Adjacent 1:</b>	32.-1-9.1	Clayton & Charlotte Brooks	82 South Hill Rd.	One Family Residence
<b>East Next Adjacent 2:</b>	32.-1-9.2	Stephen & Carole Gillette	224 Smith Lane	Rural Residence with Acreage
<b>East Next Adjacent 3:</b>	32.-1-9.3	Fernando & Marilyn Costa	55 South Hill Rd.	One Family Residence
<b>East Next Adjacent 4:</b>	32.-1-9.6	Matthew Costa	67 South Hill Rd.	One Family Residence
<b>East Next Adjacent 4:</b>	32.-1-10.6			
<b>West Adjacent 1:</b>	32.-1-11.4	Liberty Eggink	7751 St. Rt. 42	One Family Residence
<b>West Next Adjacent 1:</b>	32.-1-11.5	Debra Carreras	Big Hollow Rd. N/s	Vacant Rural Land < 10 Ac

**Site Inspection Notes:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Site Aerial-Tax Map:



# Appendix C

## Site photographs

Photo Log	
Photo 1 Upper	7752 St. Rt. 42, Grahamsville, NY Subject Property, Southwest View
Photo 1 Lower	7752 St. Rt. 42, Grahamsville, NY Subject Property, Northeast View
Photo 2 Upper	Detached Garage
Photo 2 Lower	Storage Shed
Photo 3 Upper	North Adjacent Property East Side St. Rt. 42: S-B-L 32.-1-11.1
Photo 3 Lower	East Adjacent Property East Side St. Rt. 42: S-B-L 32.-1-11.1
Photo 4 Upper	South Adjacent Property East Side St. Rt. 42: S-B-L 32.-1-11.1
Photo 4 Lower	West Adjacent Property 7751 St. Rt. 42: S-B-L 32.-1-11.4
Photo 5 Upper	Residence Interior: Living and Dining Rooms
Photo 5 Lower	Residence Interior: Kitchen
Photo 6 Upper	Residence Interior: Bathroom
Photo 6 Lower	Residence Interior: Typical Bedroom
Photo 7 Upper	Storage Shed Interior: Hazardous Materials
Photo 7 Lower	Storage Shed Interior: Hazardous Materials



7752 St. Rt. 42, Grahamsville, NY  
Residence Interior: Bathroom



7752 St. Rt. 42, Grahamsville, NY  
Residence Interior: Typical Bedroom



7752 St. Rt. 42, Grahamsville, NY  
Residence Interior: Living and Dining Rooms



7752 St. Rt. 42, Grahamsville, NY  
Residence Interior: Kitchen



7752 St. Rt. 42, Grahamsville, NY  
South Adjacent Property: East Side St. Rt. 42: S-B-L 32.-1-11.1



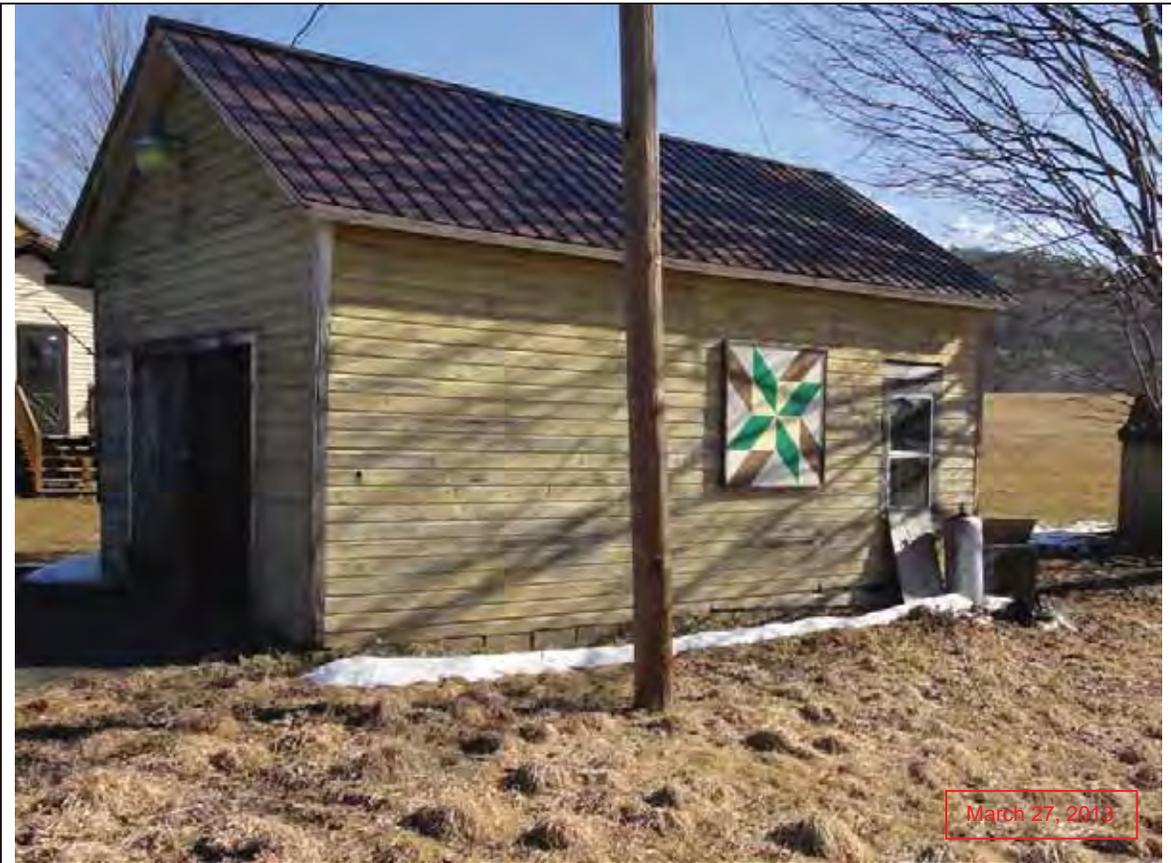
7752 St. Rt. 42, Grahamsville, NY  
West Adjacent Property: 7751 St. Rt. 42: S-B-L 32.-1-11.4



7752 St. Rt. 42, Grahamsville, NY  
North Adjacent Property: East Side St. Rt. 42: S-B-L 32.-1-11.1



7752 St. Rt. 42, Grahamsville, NY  
East Adjacent Property: East Side St. Rt. 42: S-B-L 32.-1-11.1



7752 St. Rt. 42, Grahamsville, NY  
Detached Garage



7752 St. Rt. 42, Grahamsville, NY  
Storage Shed



7752 St. Rt. 42, Grahamsville, NY  
Southwest View



7752 St. Rt. 42, Grahamsville, NY  
Northeast View



7752 St. Rt. 42, Grahamsville, NY  
Storage Shed Interior: Hazardous Materials



7752 St. Rt. 42, Grahamsville, NY  
Storage Shed Interior: Hazardous Materials

# Appendix D

## Historical Research Documentation



**Nostrand Preoperty**

7752 Route 42

Grahamsville, NY 12740

Inquiry Number: 3556405.5

March 25, 2013

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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**Date EDR Searched Historical Sources:**

Aerial Photography March 25, 2013

**Target Property:**

7752 Route 42

Grahamsville, NY 12740

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 41074-G5, Grahamsville, NY;/Flight Date: April 06, 1963	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 41074-G5, Grahamsville, NY;/Flight Date: April 23, 1994	EDR
1994,1995	Aerial Photograph. Scale: 1"=500'	Panel #: 41074-G5, Grahamsville, NY;/Composite DOQQ - acquisition dates: April 23, 1994,May 07, 1995	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 41074-G5, Grahamsville, NY;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 41074-G5, Grahamsville, NY;/Flight Year: 2008	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 41074-G5, Grahamsville, NY;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 41074-G5, Grahamsville, NY;/Flight Year: 2011	EDR



INQUIRY #: 3556405.5

YEAR: 1963

| = 750'





INQUIRY #: 3556405.5

YEAR: 1994

|—————| = 750'





INQUIRY #: 3556405.5

YEAR: 1994, 1995 (DOQQ)

|—————| = 500'





INQUIRY #: 3556405.5

YEAR: 2006

| = 500'





INQUIRY #: 3556405.5

YEAR: 2008

| = 500'





INQUIRY #: 3556405.5

YEAR: 2009

| = 500'





INQUIRY #: 3556405.5

YEAR: 2011

| = 500'



**Nostrand Preoperty**

7752 Route 42  
Grahamsville, NY 12740

Inquiry Number: 3556405.8  
March 25, 2013

# The EDR Property Tax Map Report

## EDR Property Tax Map Report

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**Nostrand Preoperty**

7752 Route 42

Grahamsville, NY 12740

Inquiry Number: 3556405.4

March 25, 2013

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

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**Nostrand Preoperty**

7752 Route 42

Grahamsville, NY 12740

Inquiry Number: 3556405.13s

March 25, 2013

**EDR NEPACheck®**



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Historical Topographic Map



<b>N</b> ↑	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Nostrand Property	<b>CLIENT:</b> Ecological Analysis LLC
	<b>NAME:</b> NEVERSINK	<b>ADDRESS:</b> 7752 Route 42	<b>CONTACT:</b> James Bates
	<b>MAP YEAR:</b> 1910	<b>Grahamsville, NY 12740</b>	<b>INQUIRY#:</b> 3556405.4
	<b>SERIES:</b> 15	<b>LAT/LONG:</b> 41.837 / -74.5413	<b>RESEARCH DATE:</b> 03/25/2013
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Nostrand Property	<b>CLIENT:</b> Ecological Analysis LLC
	<b>NAME:</b> NEVERSINK	<b>ADDRESS:</b> 7752 Route 42	<b>CONTACT:</b> James Bates
	<b>MAP YEAR:</b> 1942	Grahamsville, NY 12740	<b>INQUIRY#:</b> 3556405.4
	<b>SERIES:</b> 15	<b>LAT/LONG:</b> 41.837 / -74.5413	<b>RESEARCH DATE:</b> 03/25/2013
	<b>SCALE:</b> 1:62500		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Nostrand Property	<b>CLIENT:</b> Ecological Analysis LLC
	<b>NAME:</b> GRAHAMSVILLE	<b>ADDRESS:</b> 7752 Route 42	<b>CONTACT:</b> James Bates
	<b>MAP YEAR:</b> 1966	<b>Grahamsville, NY 12740</b>	<b>INQUIRY#:</b> 3556405.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 41.837 / -74.5413	<b>RESEARCH DATE:</b> 03/25/2013
	<b>SCALE:</b> 1:24000		

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Nostrand Property	<b>CLIENT:</b> Ecological Analysis LLC
	NAME: GRAHAMSVILLE	<b>ADDRESS:</b> 7752 Route 42	<b>CONTACT:</b> James Bates
	MAP YEAR: 1982	Grahamsville, NY 12740	<b>INQUIRY#:</b> 3556405.4
	PHOTOREVISED FROM :1966	<b>LAT/LONG:</b> 41.837 / -74.5413	<b>RESEARCH DATE:</b> 03/25/2013
	SERIES: 7.5		
	SCALE: 1:24000		

# TABLE OF CONTENTS

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
<b>EDR NEPACheck® Description.....</b>	<b>1</b>
<b>Map Findings Summary.....</b>	<b>2</b>
<b>Natural Areas.....</b>	<b>3</b>
<b>Historic Sites.....</b>	<b>5</b>
<b>Flood Plain.....</b>	<b>8</b>
<b>Wetlands.....</b>	<b>10</b>
<b>Wetlands Classification System.....</b>	<b>13</b>
<b>FCC &amp; FAA Sites.....</b>	<b>17</b>
<b>Key Contacts and Government Records Searched.....</b>	<b>21</b>

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## EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

<b>Section</b>	<b>Regulation</b>
<b>Natural Areas Map</b>	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
<b>Historic Sites Map</b>	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
<b>Flood Plain Map</b>	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
<b>Wetlands Map</b>	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
<b>FCC &amp; FAA Map</b>	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)
<b>Key Contacts and Government Records Searched</b>	

# MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 21 of this report.

## TARGET PROPERTY ADDRESS

NOSTRAND PREOPERTY  
7752 ROUTE 42  
GRAHAMSVILLE, NY 12740

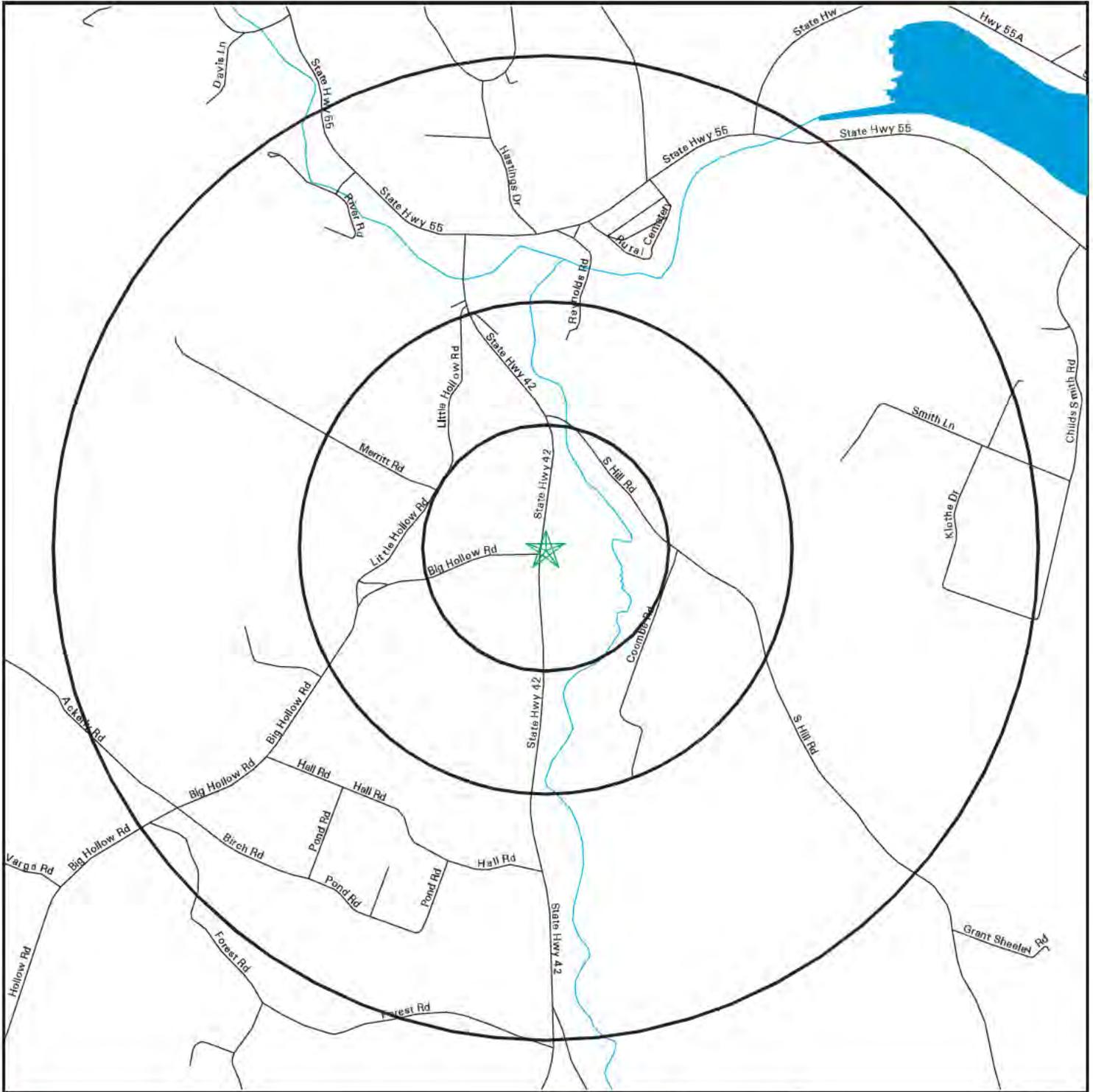
Inquiry #: 3556405.13s  
Date: 3/25/13

## TARGET PROPERTY COORDINATES

Latitude (North): 41.837002 - 41° 50' 13.2"  
Longitude (West): 74.541298 - 74° 32' 28.7"  
Universal Tranverse Mercator: Zone 18  
UTM X (Meters): 538086.3  
UTM Y (Meters): 4631567.0

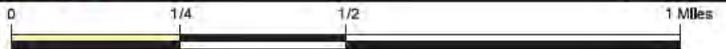
Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<b><u>NATURAL AREAS MAP</u></b>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	NY Wildlife Management Areas	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<b><u>HISTORIC SITES MAP</u></b>				
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
<b><u>FLOODPLAIN MAP</u></b>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	NO
<b><u>WETLANDS MAP</u></b>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
<b><u>FCC &amp; FAA SITES MAP</u></b>				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	YES	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	NO	---
	Power Lines	1.00	NO	---

# Natural Areas Map



- ★ Target Property
- ⌘ Locations
- ⚡ Roads
- ⚡ County Boundary
- ⚡ Waterways
- Water

- ▨ Federal Areas
- ⚡ Federal Linear Features
- ▨ State Areas
- ⚡ State Linear Features



SITE NAME: Nostrand Property  
 ADDRESS: 7752 Route 42  
 Grahamsville NY 12740  
 LAT/LONG: 41.837 / 74.5413

CLIENT: Ecological Analysis LLC  
 CONTACT: James Bates  
 INQUIRY #: 3556405.13s  
 DATE: March 25, 2013

**Endangered Species Listed for: SULLIVAN County, NY.**

Source: EPA Endangered Species Protection Program Database

BIRD: EAGLE, BALD

MAMMAL: BAT, INDIANA

PLANT: MONKSHOOD, NORTHERN WILD

**Map ID**

**Direction**

**Distance**

**Distance (ft.)**

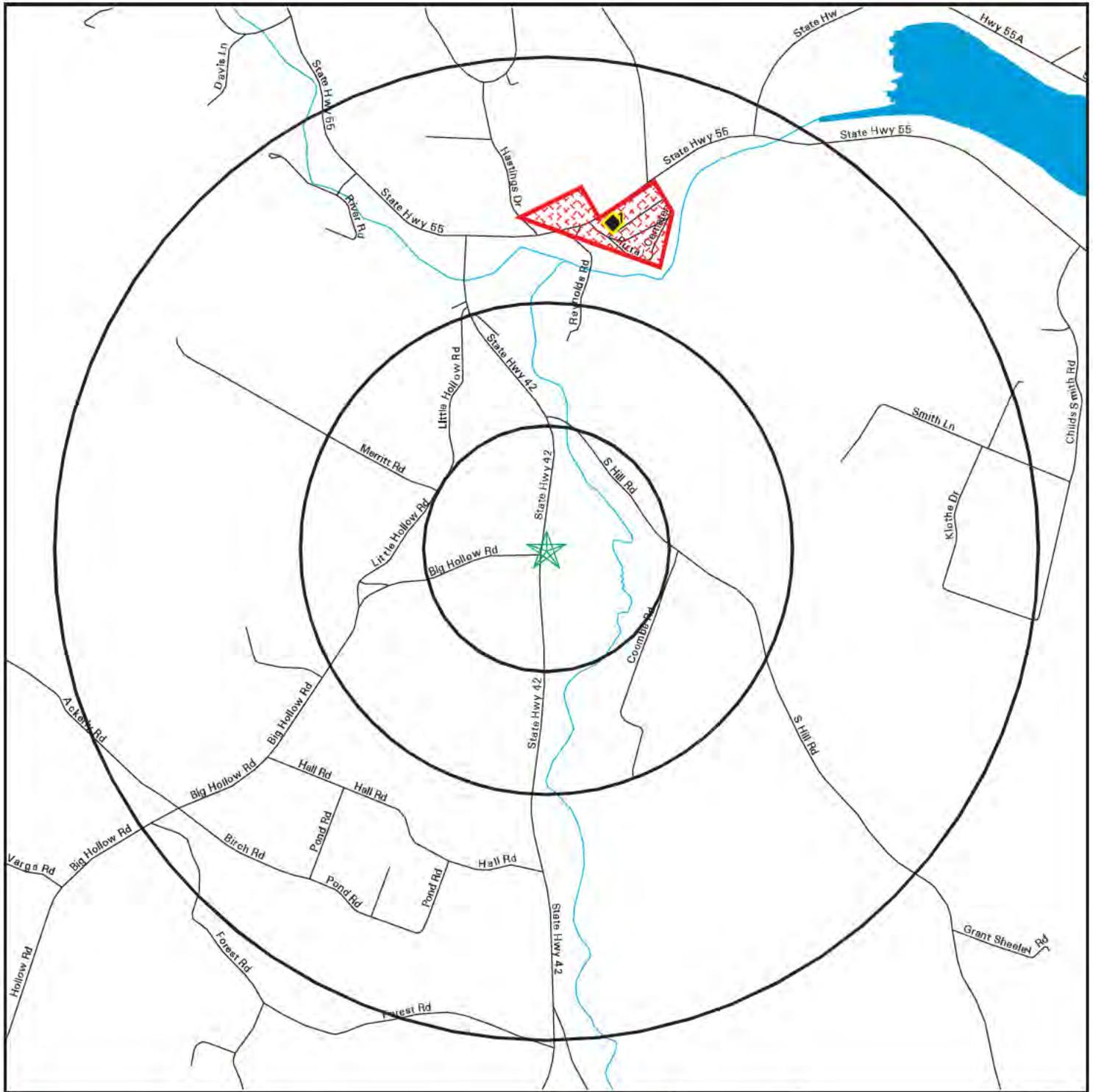
**EDR ID**

**Database**

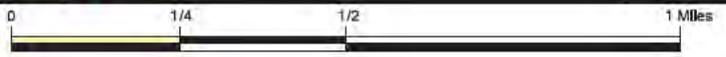
---

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

# Historic Sites Map



- ★ Target Property
- ◆ Historic Sites
- Streets
- Federal Historic Areas
- County Boundary
- State Historic Areas
- Waterways
- US Indian Reservations
- Water
- Scenic Trail



<p><b>SITE NAME:</b> Nostrand Property  <b>ADDRESS:</b> 7752 Route 42          Grahamsville NY 12740  <b>LAT/LONG:</b> 41.837 / 74.5413</p>	<p><b>CLIENT:</b> Ecological Analysis LLC  <b>CONTACT:</b> James Bates  <b>INQUIRY #:</b> 3556405.13s  <b>DATE:</b> March 25, 2013</p>
<p>TC3556405.13s Page 5 of 26</p>	

# HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

1  
NNE  
1/2-1 mi  
3257

Resname:                   Grahamsville Historic District  
Address:                   NY 55  
City:                        Grahamsville  
Vicinity:                  Not Reported  
County:                    Sullivan  
State:                      NEW YORK  
Certdate:                  19791206  
Multname:                 Not Reported  
Acre:                       20.0+

79001634  
National Register of Hist. Places

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

---

Resname:           Grahamsville Historic District  
Address:           NY 55  
City:               Grahamsville  
Vicinity:          Not Reported  
County:            Sullivan  
State:             NEW YORK  
Certdate:          19791206  
Multname:         Not Reported  
Acre:              20.0+

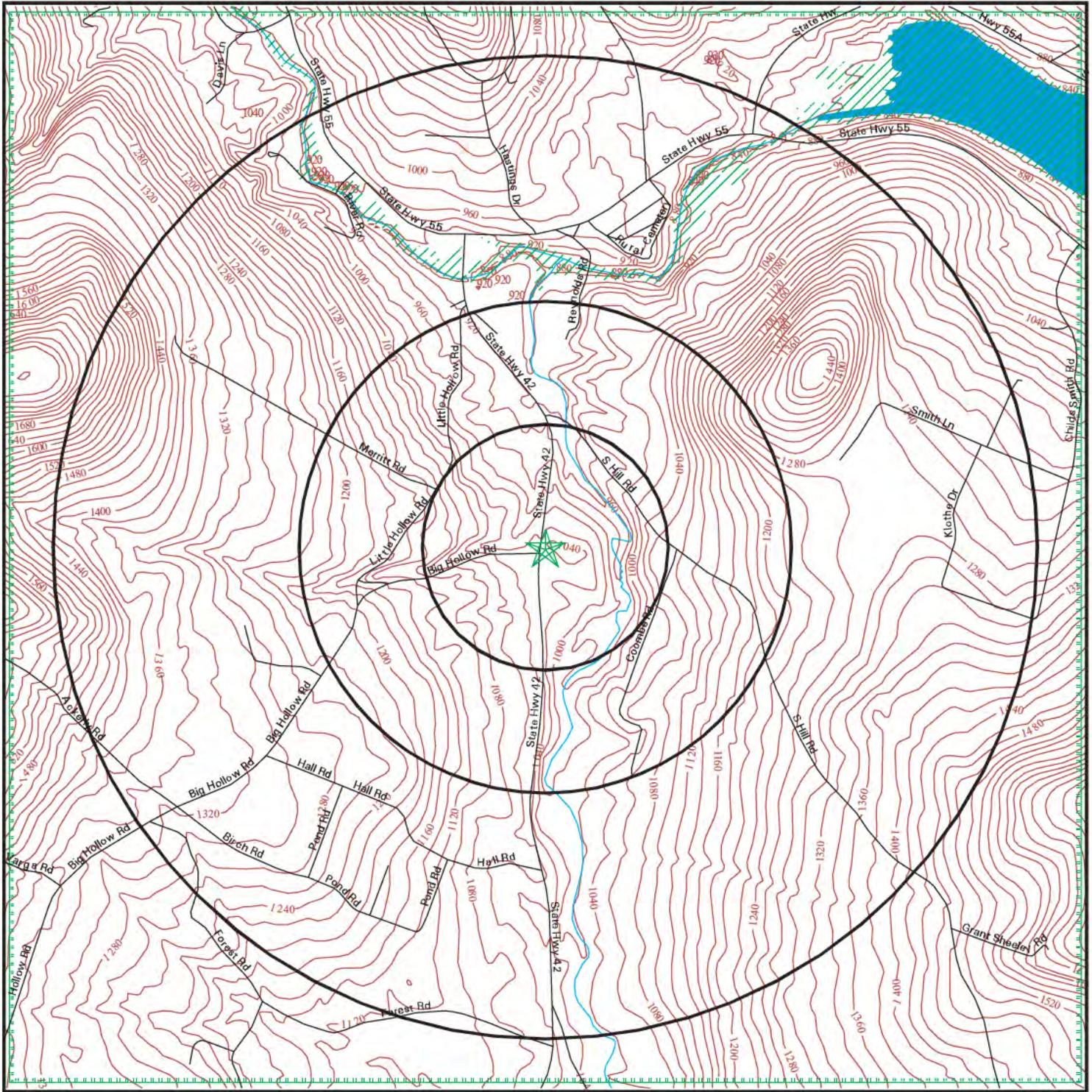
Unmappable  
79001634  
National Register of Hist. Places

---

Resname:           Levitz Family Farm  
Address:           395 Beaver Dam Rd.  
City:               Grahamsville  
Vicinity:          X  
County:            Sullivan  
State:             NEW YORK  
Certdate:          20020124  
Multname:         Not Reported  
Acre:              112.0+

Unmappable  
01001497  
National Register of Hist. Places

# Flood Plain Map



- |  |                 |  |                                |  |                                    |
|--|-----------------|--|--------------------------------|--|------------------------------------|
|  | Major Roads     |  | Power Lines                    |  | Water                              |
|  | Contour Lines   |  | Pipe Lines                     |  | 100-year flood zone                |
|  | Waterways       |  | Fault Lines                    |  | 500-year flood zone                |
|  | County Boundary |  | Electronic FEMA data available |  | Electronic FEMA data not available |

SITE NAME: Nostrand Property  
 ADDRESS: 7752 Route 42  
 Grahamsville NY 12740  
 LAT/LONG: 41.837 / 74.5413

CLIENT: Ecological Analysis LLC  
 CONTACT: James Bates  
 INQUIRY #: 3556405.13s  
 DATE: March 25, 2013

# FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

SULLIVAN, NY

YES

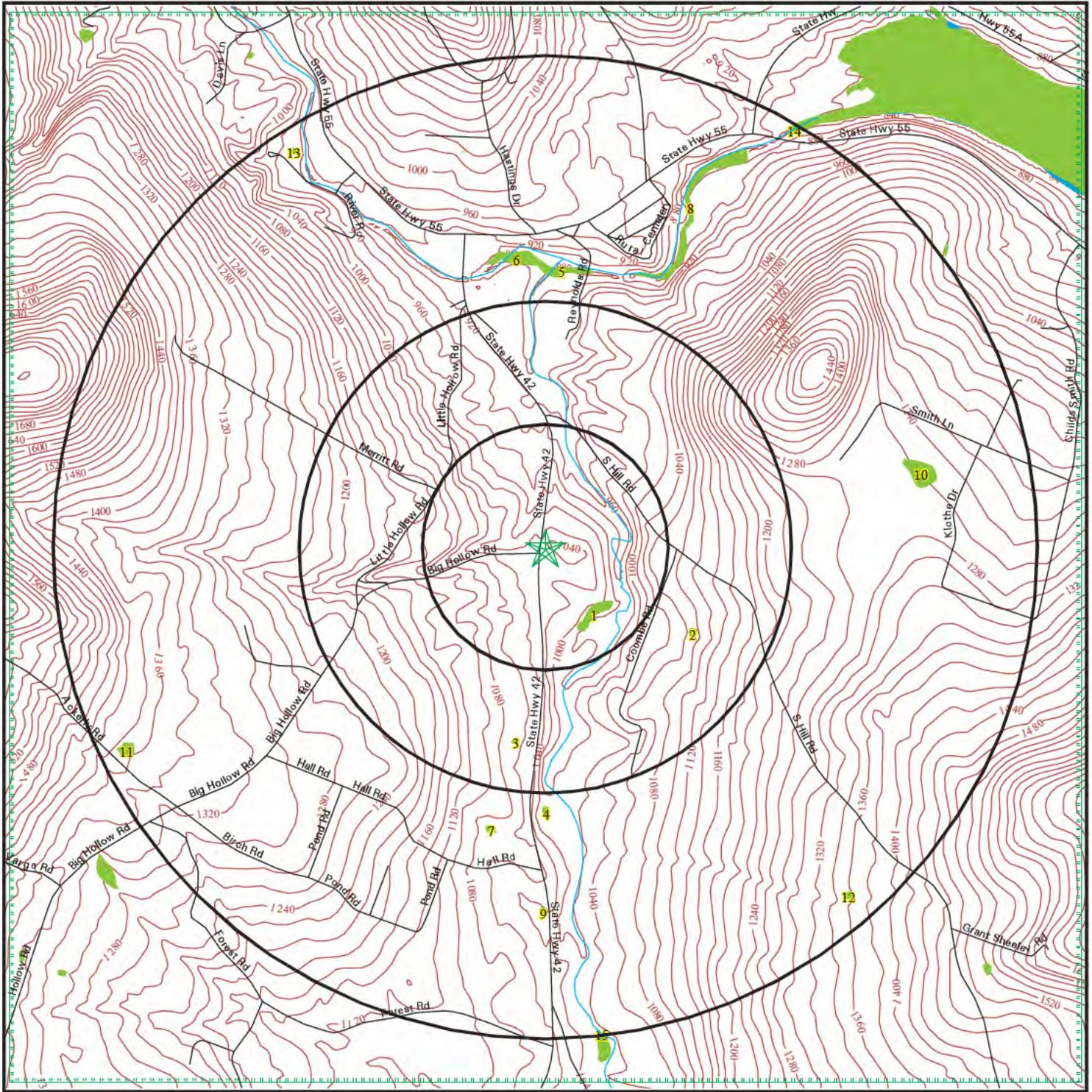
Flood Plain panel at target property:

36105C (FEMA DFIRM Flood data)

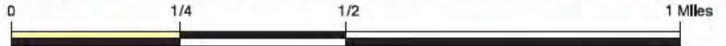
Additional Flood Plain panel(s) in search area:

None Reported

# National Wetlands Inventory Map



- |  |                 |  |                               |  |                                   |
|--|-----------------|--|-------------------------------|--|-----------------------------------|
|  | Major Roads     |  | Power Lines                   |  | Water                             |
|  | Contour Lines   |  | Pipe Lines                    |  | National Wetlands Inventory       |
|  | Waterways       |  | Fault Lines                   |  | State Wetlands                    |
|  | County Boundary |  | Electronic NWI data available |  | Electronic NWI data not available |



SITE NAME: Nostrand Property  
 ADDRESS: 7752 Route 42  
 Grahamsville NY 12740  
 LAT/LONG: 41.837 / 74.5413

CLIENT: Ecological Analysis LLC  
 CONTACT: James Bates  
 INQUIRY #: 3556405.13s  
 DATE: March 25, 2013

## WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Grahamsville

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID

Direction

Distance

Distance (ft.)

Code and Description\*

Database

Map ID	Direction	Distance	Distance (ft.)	Code and Description*	Database
1	SE	1/8-1/4 mi	798	PSS1C [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded Lat/Lon: 41.835300 / -74.539452	NWI
2	ESE	1/4-1/2 mi	1783	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 41.834557 / -74.535637	NWI
3	South	1/4-1/2 mi	2070	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 41.831375 / -74.542389	NWI
4	South	1/2-1 mi	2780	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 41.829369 / -74.541283	NWI
5	North	1/2-1 mi	2897	R3USA [R] Riverine, [3] Upper Perennial, [US] Unconsolidated Shore, [A] Temporarily Flooded Lat/Lon: 41.844944 / -74.540909	NWI
6	North	1/2-1 mi	3022	PSS1C [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded Lat/Lon: 41.845291 / -74.541611	NWI
7	South	1/2-1 mi	3042	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded Lat/Lon: 41.828800 / -74.543419	NWI
8	NNE	1/2-1 mi	3074	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded Lat/Lon: 41.845016 / -74.537796	NWI

\*See Wetland Classification System for additional information.