

**Candlewood Court Affordable Housing Project  
Richmondville, Schoharie County, NY  
Environmental Review Record**



**Prepared by Tetra Tech Inc.**  
1999 Harrison Street, Suite 500  
Oakland, CA 94612

**New York State Homes and Community Renewal  
Governor's Office of Storm Recovery**  
38-40 State Street  
Albany, NY 12207

August 30, 2017

## Candlewood Courts Environmental Assessment

August 30, 2017

**Project Name:** Candlewood Courts Affordable Housing Project

**Project Location:** Davis Lane and East Main Street, Richmondville, Schoharie County, NY

**Federal Agency:** US Department of Housing and Urban Development  
**Responsible Entity:** New York State Homes and Community Renewal

**Responsible Agency's  
Certifying Officer:** Lori A. Shirley, GOSR Certifying Officer

**Project Sponsor:** Housing Visions Consultants Inc.

**Primary Contact:** Diana Jakimoski  
Housing Visions Consultants Inc.  
315-472-3820  
djakimoski@housingvisions.org

**Project NEPA Classification:** 24 CFR 58.36 (Environmental Assessment)

<b>Environmental Finding:</b>	<input checked="" type="checkbox"/> Finding of No Significant Impact - The project will not result in a significant impact on the quality of the human environment.
	<input type="checkbox"/> Finding of Significant Impact - The project may significantly affect the quality of the human environment.
<b>Certification</b>	The undersigned hereby certifies that New York State Homes and Community Renewal has conducted an environmental review of the project identified above and prepared the attached environmental review record in compliance with all applicable provisions of the National Environmental Policy Act of 1969, as amended (42 USC Sec. 4321 et seq.) and its implementing regulations at 24 CFR Part 58.
<b>Signature</b>	 Lori A. Shirley

**Environmental  
Assessment Prepared By:** Consultant: Tetra Tech, Inc.  
Address: 1999 Harrison Street, Suite 500  
Address: Oakland, CA 94612

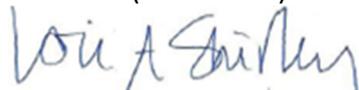
### CERTIFICATION OF NEPA CLASSIFICATION

It is the finding of the New York State Housing Trust Fund Corporation that the activity(ies) proposed in its 2016 NYS CDBG-DR project, Candlewood Courts Affordable Housing Project are:

Check the applicable classification.

- Exempt as defined in 24 CFR 58.34 (a).
- Categorically Excluded as defined in 24 CFR 58.35(b).
- Categorically Excluded as defined in 24 CFR 58.35(a) and no activities are affected by federal environmental statues and executive orders [i.e., exempt under 58.34(a)(12)].
- Categorically Excluded as defined in 24 CFR 58.35(a) and some activities are affected by federal environmental statues and executive orders.
- "Other" neither exempt (24 CFR 58.34(a)) nor categorically excluded (24 CFR 58.35).
- Part or all of the project is located in an area identified as a floodplain or wetland. For projects located in a floodplain or wetland, evidence of compliance with Executive Orders 11988 and/or 11990 is required.

For activities excluding those classified as "Other", attached is the appropriate Classification Checklist (Exhibit 2-4) that identifies each activity and the corresponding citation.



\_\_\_\_\_  
Signature of Certifying Officer

August 30, 2017

\_\_\_\_\_  
Date

Lori A. Shirley  
Director, Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery

**CERTIFICATION OF SEQRA CLASSIFICATION**

It is the finding of the New York State Housing Trust Fund Corporation that the activity(ies) proposed in its 2016 NYS CDBG-DR project, Candlewood Courts Affordable Housing Project constitute a:

Check the applicable classification:

- Type I Action (6NYCRR Section 617.4)
- Type II Action (6NYCRR Section 617.5)
- Unlisted Action (not Type I or Type II Action)

Check if applicable:

- Environmental Impact Statement (EIS) Prepared
  - Draft EIS
  - Final EIS



\_\_\_\_\_  
Signature of Certifying Officer  
Lori A. Shirley  
GOSR Certifying Officer

August 30, 2017

\_\_\_\_\_  
Date

**Description of the Proposed Project** [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

Housing Visions Consultants Inc. and Schoharie Area Long Term, Inc. (SALT) are proposing the development of Candlewood Court I and II (the Project), consisting of two new residential apartment buildings on undeveloped land located at on Davis Lane and East Main Street in the Village of Richmondville, Schoharie County, New York (**Figures 1 and 2**).

The Project site is approximately 5 acres on the western side of an undeveloped, unimproved parcel currently used as pasture. The Project site is located in a rural area, primarily surrounded by residential properties. A waste water treatment plant (WWTP) is adjacent to the northwest. The property has been zoned "Planned Development Zone." Multi-family residential use is allowed within this zoning.

A portion of Cobleskill Creek and a 100-year flood zone are located on the northeast side of the site. The site currently drains to the east into the Cobleskill Creek. The Project site is not located in a flood zone.

There is no impervious surface on the Project site.

**Proposed Project**

The Project will consist of the construction of two, new, two-story, 20-unit apartment buildings on separate parcels with associated parking lots (**Figure 3**). The buildings will be approximately 12,532-square feet each, and each will consist of approximately 12-one bedroom units, 5-two bedroom units, and three 3-bedroom units. The units will be targeted to individuals and families earning 80 percent of Area Median Income and below. A small 1,000-square foot garage/storage building will be constructed at the north end of the parking area. There will be parking for 80 vehicles, including four handicap spaces.

The site access will be from Davis Lane on the eastern boundary of the Project site.

Access to existing water sewer and electric service are available. Water and wastewater service will be provided by the Village of Richmondville. Electric service will be provided by Richmondville Power and Light. The apartment buildings will have easy access to municipal services, retail, and major transportation routes.

Approximately 4 acres of the 5-acre site will be disturbed by the Project. After completion approximately 1.3 acres (26 percent) of the Project site will be impervious surface.

An integral component of the proposed site development will be incorporation of Green Infrastructure (GI) practices throughout the site that will attenuate runoff and limit post-development peak rates of stormwater discharge to those currently experienced under existing conditions. These GI practices will provide water quality treatment and opportunities for stormwater to infiltrate into the soil. Generally, all impervious areas will drain to the proposed stormwater management facilities (infiltration basins) located at the North and South portions of the site. The stormwater management has been designed to treat water quality and water quantity for the respective properties.

Solid waste will be handled by a private contractor.

The Project will be implemented under the Small Project Affordable Rental Construction (SPARC) program that makes financing available to qualified housing developers for the construction of affordable, multifamily, rental properties of 8 to 20 units located in areas where housing stock was damaged or lost due to the impact of Superstorm Sandy, Hurricane Irene, or Tropical Storm Lee. The SPARC program is being administered by the Community Preservation Corporation (CPC).

**Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:**

In June 2013, Governor Andrew Cuomo set out to centralize recovery and rebuilding efforts in impacted areas of New York State. Although Schoharie County was not affected by Hurricane Sandy, this storm was the catalyst for the allocation of disaster relief funds under the Community Development Block Grant – Disaster Recovery (CDBG-DR) award. These funds are being used to assist not only counties that were devastated by Hurricane Sandy, but also counties like Schoharie County that were severely impacted by Hurricane Irene and Tropical Storm Lee in 2011. The Governor's Office of Storm Recovery (GOSR) was established to administer the award funds, address communities' most urgent needs, and encourage the identification of innovative and enduring solutions to strengthen the State's infrastructure and critical systems. Operating under the umbrella of New York State Homes and Community Renewal (HCR), GOSR uses approximately \$3.8 billion in flexible funding made available by the US Department of Housing and Urban Development's (HUD's) CDBG-DR program to concentrate aid to four main areas: housing recovery, small business, community reconstruction, and infrastructure. Paired with additional federal funding awarded to other State agencies, the CDBG-DR program is enabling homeowners, small businesses and entire communities to build back and better prepare for future extreme weather events.

Rain associated with Hurricane Irene began in Schoharie County on the afternoon of August 27, 2011 with flooding beginning the next morning. The next day, Hurricane Irene made landfall in New York with tropical storm force winds that caused disastrous flash flooding, especially in the eastern part of Upstate New York (NY). According to the *Schoharie County After Action Report and Improvement Plan*, the National Grid reported there were 3,370 customer outages in Schoharie County on August 31, 2011. Based on the FEMA Individual Assistance Program (FEMA IA) data, as of April 2013, more than 1,001 owner-occupied homes were damaged or destroyed from Hurricane Irene, and more than 27 owner-occupied homes were damaged or destroyed by Tropical Storm Lee in Schoharie County. This accounts for approximately 3.7 percent, and approximately 0.2 percent, respectively, of housing damage reported in the State of New York. As many as 32,749 persons in Schoharie County were impacted by the recent disasters.

In the wake of such devastation, the importance of building more resilient structures in less vulnerable locations is vital to establish a more storm-resistant community. Creation of new affordable housing in Schoharie County is a vital component of the county's goal to build resilient and sustainable communities.

**Existing Conditions and Trends [24 CFR 58.40(a)]:**

The population of Schoharie County is distributed among 16 towns and 6 villages, with no single jurisdiction predominating. The population density of the county is focused mainly in the northwestern portion in the Villages of Cobleskill, Richmondville, and Sharon Springs. As of 2012, the median household income of Schoharie County was \$51,896, the median value of owner-occupied housing units is \$147,800, and 11.1 percent of the population has an income below the poverty line.

According to 2015 Census estimates, the median household income in the Village of Richmondville was \$43,214. This compares to \$57,369 for the State of New York. The estimated median value of owner-occupied housing units in Richmondville Village in 2015 was \$121,200, compared to \$277,600 for the State of New York. According to the 2016 U.S. Census estimates, the population of the Village of Richmondville was 867. This represents a 5.6 percent decrease in population since 2010.

**Standard Conditions for All Projects**

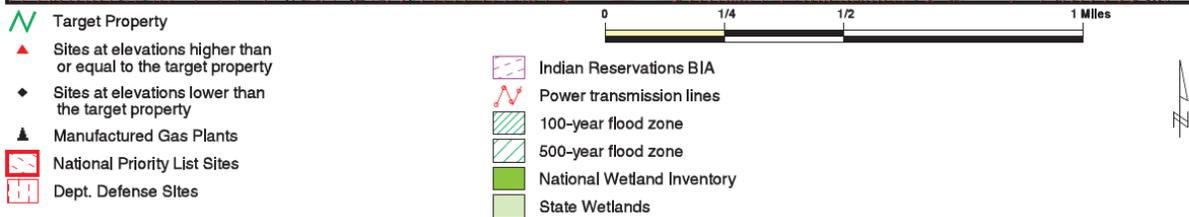
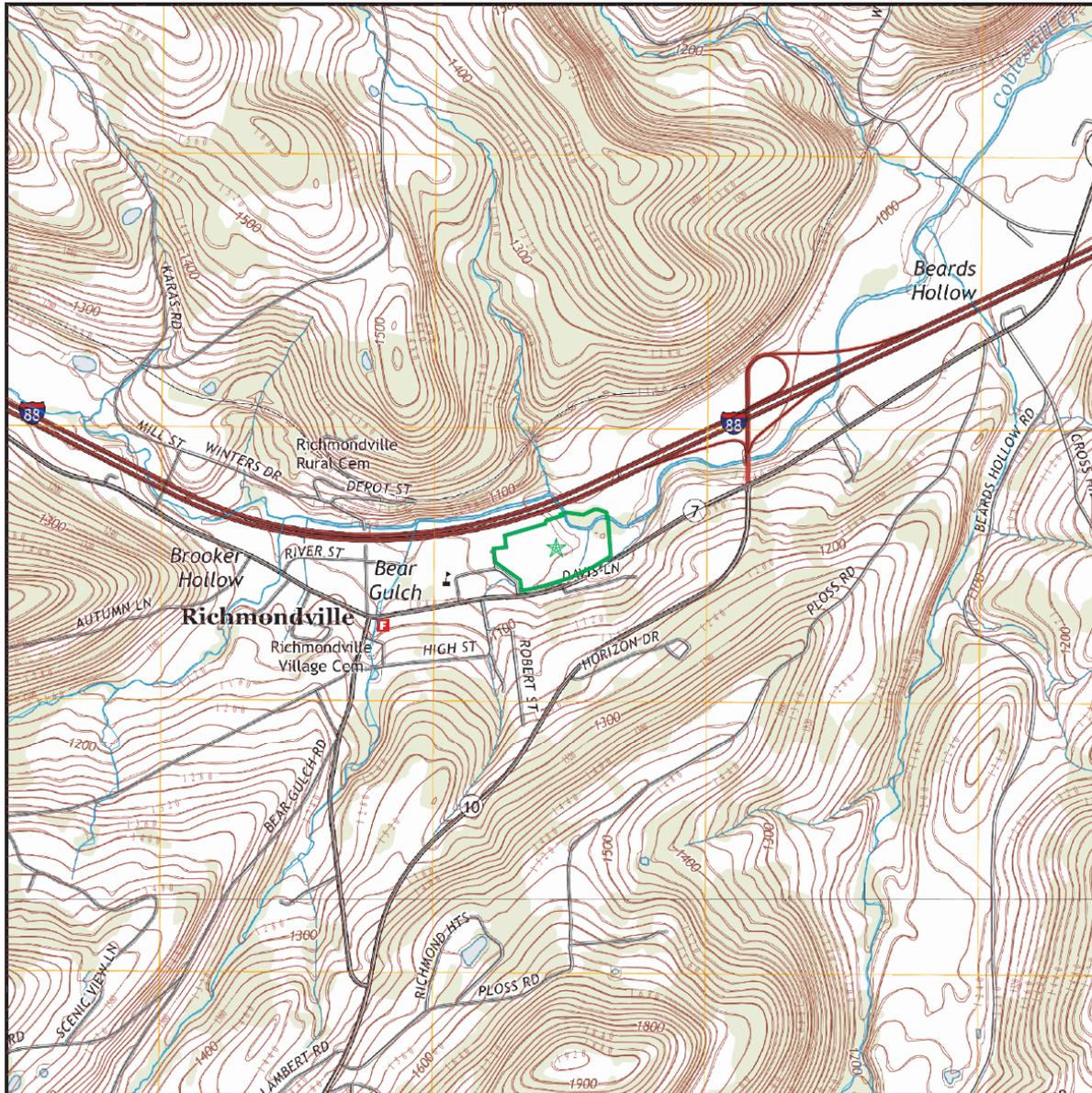
Any change to the approved scope of work will require re-evaluation by the Certifying Officer for compliance with NEPA and other laws and Executive Orders.

This review does not address all federal, state and local requirements. Acceptance of federal funding requires the recipient to comply with all federal state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

**Funding Information**

**Estimated Total HUD Funded Amount:** \$7,500,000 (\$3,750,000 for each building)

**Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:** \$10,060,042  
(\$5,030,021 for each building)



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: Davis Ln & East Main St, Richmondville ADDRESS: Tax No. 78.19-3-1.1 Richmondville NY 12149 LAT/LONG: 42.636615 / 74.55542	CLIENT: Ravi Engineering & Land Surveying, P.C. CONTACT: Alexa Barber INQUIRY #: 4827380.2s DATE: January 13, 2017 9:56 am
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Figure 1. Site Location



**Project Area**

**Legend**

 Project Area

Candlewood Court I and II  
Davis Lane and East Main Street  
Richmondville, Schoharie County, New York



Figure 2. Project Area

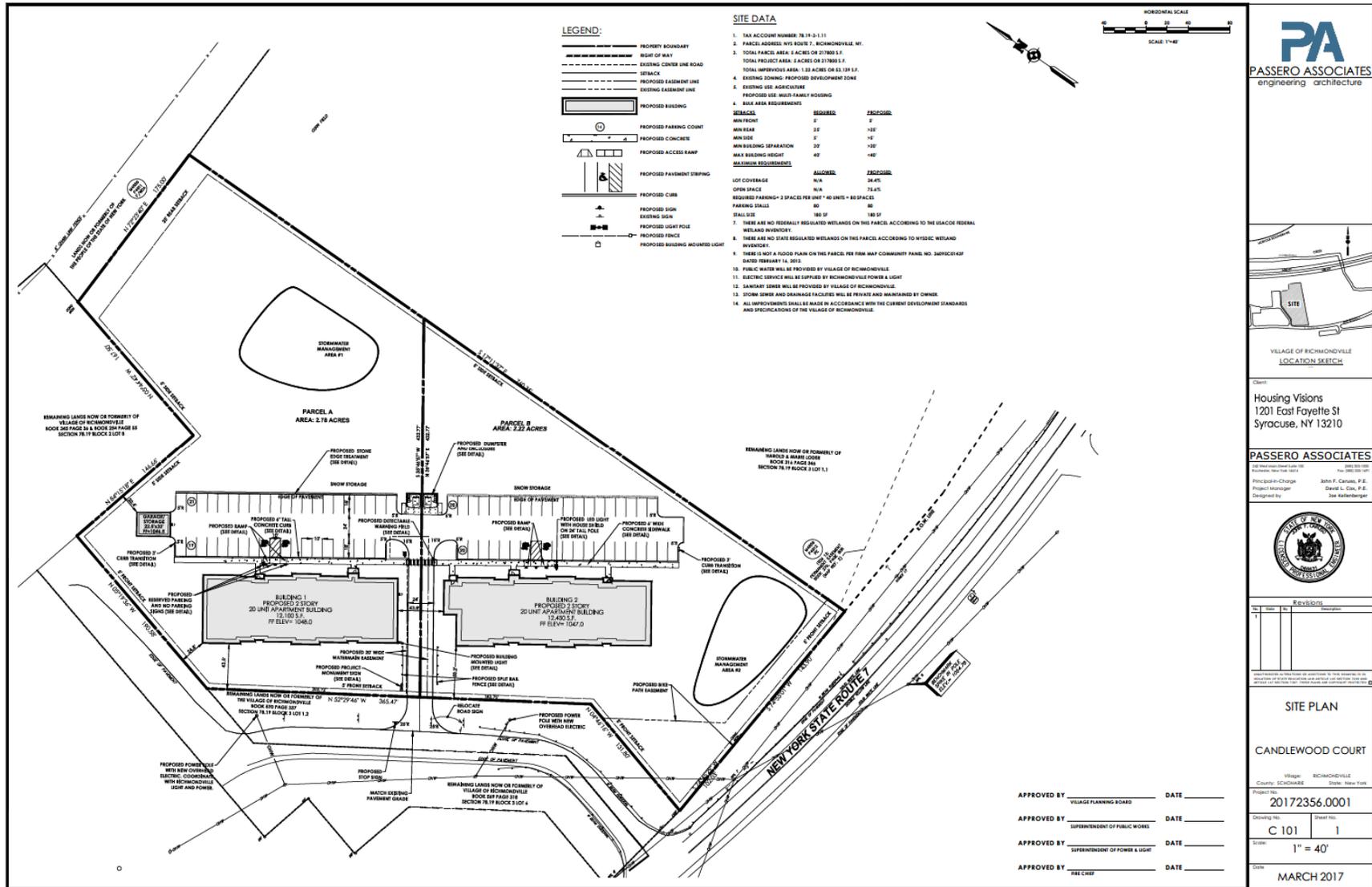


Figure 3. Site Plan

**Compliance with 24 CFR 58.5, and 58.6 Laws and Authorities**

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits or approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6</b>		
<b>Airport Hazards</b>  24 CFR Part 51 Subpart D	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	Based on HUD guidance in Fact Sheet #D1, the National Plan of Integrated Airport Systems (NPIAS) was reviewed for civilian, commercial service airports near the Project site, as projects within 2,500 feet of a civil airport require consultation with the appropriate civil airport operator. The nearest airport is Nettie’s Place, approximately 17.64 miles to the east. No known military airports are within 15,000 feet of the Project site, and it is not within 2,500 feet of any civil airport.  The Project is not in an Airport Runway Clear Zone. (See <b>Appendix A</b> , Figures)  <b>Source: 3, 4</b>
<b>Coastal Barrier Resources</b>  Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not in a Coastal Barrier Resources Area as defined by the state’s Coastal Zone Management Program. (See <b>Appendix A</b> , Figures)  <b>Source: 5, 6</b>
<b>Flood Insurance</b>  Flood Disaster Protection Act of 1973 and National Flood	Yes    No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not within a Special Flood Hazard Area (SFHA) Zone, as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map

Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]		(FIRM) Community Panel Number 36095C0143F, dated September 25, 2009. (See <b>Appendix A</b> , Figures, and <b>Appendix B</b> , Floodplains).  <b>Source: 7</b>
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**STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5**

<p><b>Clean Air</b></p> <p>Clean Air Act, as amended, particularly section 176(c) &amp; (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The Project site is not included in the most recent listing of nonattainment or maintenance areas for inhalable particulate matter (PM2.5) or the 2008, 8-hour ozone standard, as defined by the US Environmental Protection Agency (EPA) Green Book Nonattainment Areas for Criteria Pollutants. (See <b>Appendix A</b>, Figures).</p> <p>The Project will not require an NYS Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit. The Project activities will not substantively affect air quality.</p> <p>The Project size is consistent with the New York State Implementation Plan (SIP) as it will not involve new sources.</p> <p>Conforming to a SIP means that an action will not:</p> <ul style="list-style-type: none"> <li>• Cause or contribute to a new violation of any standard in any area;</li> <li>• Increase the frequency or severity of any existing violation of any standard in any area; or</li> <li>• Delay timely attainment of any standard or any required interim emission reduction or other milestones in any area.</li> </ul> <p>Project activities will not substantively affect the SIP due to the implementation of standard best management practices (BMPs) that control dust and other emissions during construction. Air quality</p>
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		<p>impacts will be short-term and localized. No significant impacts on air quality will result, and further assessment is not required.</p> <p><b>Source: 8</b></p>
<p><b>Coastal Zone Management</b></p> <p>Coastal Zone Management Act, sections 307(c) &amp; (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not within a coastal zone as defined by the state's Coastal Zone Management Program. (See <b>Appendix A</b>, Figures).</p> <p><b>Source: 5</b></p>
<p><b>Contamination and Toxic Substances</b></p> <p>24 CFR Part 50.3(i) &amp; 58.5(i)(2)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>HUD Policy requires that the proposed site and adjacent areas be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of occupants of the property. The Project does not involve the use or storage of any toxic chemicals or materials.</p> <p>The Project site is currently vacant and there will be no demolition of existing structures. There will be no issues with asbestos containing materials, lead-based paint, or polychlorinated biphenyls. The February 3, 2017 Phase I ESA (See <b>Appendix D</b>, Toxic and Hazardous Materials) noted no Recognized Environmental Conditions (RECs) in connection with the Site.</p> <p>No controlled recognized environmental conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records review.</p> <p>No de minimus conditions were noted on the subject property based on the site reconnaissance, interviews and regulatory agency records.</p> <p>A search of the NYSDEC Bulk Storage Program Database identified three petroleum bulk storage facilities within one mile of the Project sites (See <b>Appendix D</b>,</p>

	<p>Toxic and Hazardous Materials). The Joseph B. Radez Elementary School has a three 8,000-gallon #2 fuel oil underground storage tank (UST) and a 1,000-gallon #2 fuel oil above ground storage tank (AST). No spills recorded. The residents of the Project will not be exposed to any toxic materials from these tanks.</p> <p>A search of the NYSDEC Remedial Site Database, containing records of the sites being addressed under one of DER's remedial programs (State Superfund, Brownfield Cleanup, Environmental Restoration and Voluntary Cleanup, the Registry of Inactive Hazardous Waste Disposal Sites, and Institutional and Engineering Controls), identified no sites within 1 mile of the Project site (See <b>Appendix D</b>, Toxic and Hazardous Materials). The Project site was not identified in NYSDEC Remedial Site Database.</p> <p>The Project will not result in the exposure of people or sensitive environmental resources to the facilities identified in these databases.</p> <p><b>Radon</b></p> <p>According to the EPA, the Project site is in Radon Zone 1, where the predicted average indoor radon screening level is greater than 4 picoCuries per liter (pCi/L), a high potential for elevated indoor radon levels. The proposed building is designed to incorporate a passive, sub-slab, depressurization system for radon. This will mitigate any concerns relative to elevated radon levels in the building. No further mitigation is needed. (See <b>Appendix D</b>, Toxic and Hazardous Materials.</p> <p><b>Source: 9, 10, 11, 12</b></p>
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<p><b>Endangered Species</b></p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes    No</p> <p><input checked="" type="checkbox"/>    <input type="checkbox"/></p>	<p>The U.S. Fish and Wildlife Service (USFWS) on-line review process, completed on May 17, 2017, indicated that the project area is not near known occurrences of rare or state-listed bat species. Because this project does not take place within or near known occupied habitat, there are no restrictions on tree cutting.</p> <p>No critical habitats were identified on the Project site. Several migratory birds of concern that could be affected by the proposed Project were identified in the on-line review process.</p> <p>The proposed Project will not result in removal of trees.. If any tree clearing were to occur, the DEC recommends that clearing be done between November 1 and March 31, when bat species are inactive in hibernation sites.</p> <p>In a May 10, 2017 letter, GOSR determined that there will be no effect to threatened or endangered species from the implementation of the Project. On May 17, 2017, the USFWS acknowledged receipt of GOSR's May 10, 2017, letter of a determination of no effect and/or no impact.</p> <p>In response to GOSR's April 3, 2017, consultation to the New York Natural Heritage Program (NYNHP) regarding potential rare or state-listed animals or plants near the Project site, the NYNHP stated on May 1, 2017, that it has no records of rare or state-listed animals or plants or significant natural communities at the Project site. (See <b>Appendix F</b>, USFWS and NYNHP Correspondence.)</p> <p>The Project site is within the Atlantic Flyway for several migratory birds. If present at the time, migratory birds could be affected by</p>
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		<p>the cutting of trees. No tree cutting is planned, but to avoid impacts, any cutting of trees would be scheduled outside the migratory bird nesting season. If that cannot be accomplished, then pre-activity surveys for migratory bird nests should be conducted.</p> <p>The Project landscape plantings will not include prohibited and regulated invasive species identified by the NYSDEC. (See <b>Appendix F</b>, USFWS and NYNHP Consultation)</p>
<p><b>Explosive and Flammable Hazards</b></p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>HUD-assisted projects must be located at an Acceptable Separation Distance (ASD) from stationary hazardous operations that store, handle or process chemicals or petrochemicals of an explosive or flammable nature. These tanks include:</p> <ul style="list-style-type: none"> <li>• Aboveground storage tanks (ASTs) that store flammable or explosive gasses (such as propane) within a 1,000-foot radius of the Project site;</li> <li>• ASTs exceeding 100 gallons that store flammable or explosive liquids within a 1,000-foot radius of the Project site; or</li> <li>• ASTs that exceed 20,000 gallons and are within 1 mile of the site.</li> </ul> <p>The Project does not involve explosive or flammable operations. On March 20, 2017, Ravi Engineering &amp; Land Surveying, P.C. conducted a review of the aerial photography of the area surrounding the Project to determine the potential for thermal explosive hazards in the vicinity of the subject site. Field reconnaissance focused on determining if there was a direct open pathway to any aboveground storage tanks in excess of 100 gallons within 1,000 feet of the site, or if the pathway was interrupted by intervening buildings. A</p>

		<p>further assessment was completed to determine if there were any aboveground tanks in excess of 20,000 gallons within 1 mile of the subject site.</p> <p>The assessment identified one New York State Department of Environmental Conservation (NYSDEC) registered AST in excess of 100 gallons within 1,000 feet of the subject site. NYSDEC records indicate the tank is currently in service, stores up to 1,000 gallons of #2 fuel oil for on-site consumption, is constructed as a steel tank encased in concrete with a painted/asphalt coating, and includes a secondary containment of a vault with no access available. There is a building directly adjacent to the AST that will act as a blast barrier between the proposed project location and the tank. No other PBS facilities were identified.</p> <p>One AST in excess of 20,000 was identified within 1 mile of the subject site. The tank is used for the storage of water only.</p> <p>There will be no thermal explosive hazards associated with the Project (See <b>Appendix G</b>, Explosive and Flammable Hazards).</p>
<p><b>Farmlands Protection</b></p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The Project site is not located in an agricultural district. The soils at the Project site are classified as “Prime Farmland” soils (See <b>Appendix H</b>, Soils). These soils qualify for Farmland Protection Policy Act regulatory protection. Approximately 5 acres of Prime Farmland will be converted by the Project.</p> <p>In compliance with the Farmland Protection Policy Act of 1981 (FPPA), Parts I and III of the Farmland Conversion Impact Rating Form and Project maps were submitted to the Natural Resources Conservation Service (NRCS) on March 29, 2017 for</p>

		<p>determination of whether any part of the Project site is farmland subject to the FPPA.</p> <p>On March 31, 2017 NRCS responded, having filled out Parts IV and V of the Farmland Conversion Impact Rating Form and requesting that GOSR complete Parts VI and VII to compute the site assessment score. Based on 7 CFR Part 658.4, sites with a score of less than 160 receive a minimal level of consideration for protection, and no additional evaluation is required. GOSR completed the form, the site assessment score, and made the determination that the proposed Project will not violate the FPPA. The Project scored 140. GOSR responded to NRCS that, as such, the Project will not violate the FPPA. See <b>Appendix E</b>, Farmlands Protection.</p> <p><b>Source: 13</b></p>
<p><b>Floodplain Management</b></p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No  <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project property is not located within the 100-year floodplain (see <b>Appendix A</b>, Figures, and <b>Appendix B</b>, Floodplains).</p> <p><b>Source: 7</b></p>
<p><b>Historic Preservation</b></p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800; Tribal notification for new ground disturbance.</p>	<p>Yes No  <input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The Project has been reviewed by the State Historic Preservation Office (SHPO) in accordance with Title 54, Section 306108 of the National Historic Preservation Act of 1966. In a letter dated March 3, 2017, SHPO stated the site is located in an archaeologically sensitive area. SHPO recommended a Phase I Archaeological Survey for all portions of the project that will involve ground disturbance, unless substantial prior ground disturbance can be documented.</p> <p>On April 20, 2017 a Phase I Archaeologic report was completed. The report stated that at least 14 previously documented archaeological sites within a 1-mile radius have been recorded. Therefore, the potential</p>

	<p>for encountering additional, intact prehistoric, cultural material exists.</p> <p>In an additional consultation response from SHPO on April 24, 2017, SHPO stated that no aboveground historic properties will be affected by the Project. The SHPO recommended the site should be avoided by project redesign, however, if this is not feasible, a Phase II Archaeological Investigation should be undertaken.</p> <p>A Phase II investigation was undertaken and a report issued on August 11, 2017. The report concluded that there were insufficient quantities and lack of diagnostic prehistoric cultural material, and a lack of prehistoric features, suggesting that little research potential exists within the defined study area. The investigation concluded that no further archaeological investigations are warranted within the study area.</p> <p>The results of the Phase II investigation and any changes to project design will be coordinated with the SHPO. A site avoidance/protection plan that will describe the measures to be taken to protect the portions of the site that were not examined during the Phase II investigation. It will be coordinated with the SHPO. (See <b>Appendix I</b>, SHPO Correspondence).</p> <p>The Mohawk Nation, St. Regis Mohawk Tribe, and Stockbridge-Munsee Community Band of the Mohicans were identified as possible consulting parties and each was sent a letter with the site description, photographs, site plan, and map for the project on February 24, 2017, requesting a reply regarding each tribe's interest in the Project. On March 1, 2017, the Stockbridge-Munsee Community responded that the project is outside of their area of interest and that they have</p>
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		no comment. No other replies were received. (See <b>Appendix J</b> , Tribal Correspondence).
<p><b>Noise Abatement and Control</b></p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>According to the Noise Assessment Report, no civil or military airports are located within 15 miles of the Project. The nearest airport to the project site is Nettie’s Place, approximately 17.64 miles to the east. No known military airports are within 15,000 feet of the Project site.</p> <p>Noise calculations, pursuant to the HUD Noise Assessment Guidelines, were performed in March 2017. These calculations indicated that the noise environment will be in the acceptable category (Day/Night Noise Level [DNL] not exceeding 65 decibels [dB]).</p> <p>One set of active railroad tracks is within 3,000 feet of the proposed project location. Norfolk Southern Railway Company passes within 1,113 feet. The DNL from the railroad was calculated to be 61.4 dB-below the threshold of 65 dNL.</p> <p>Road noise from Interstate 88 (I-88) (average 9,060 vehicles per day) and NYS Route 7 (average 3,736 vehicles per day) do not produce daily noise at levels greater than 65 dNL (See <b>Appendix K</b>, Noise). The Noise Assessment Report conducted March 20, 2017 concludes that the project does not exceed noise levels greater than the acceptable level of 65 dNL. No mitigation for noise will be required. (See <b>Appendix K</b> Noise).</p>
<p><b>Sole Source Aquifers</b></p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes    No</p> <p><input type="checkbox"/>    <input checked="" type="checkbox"/></p>	<p>The Project site is not in the bounds of a Sole Source Aquifer (SSA) area, according to the EPA NEPAAssist mapper. (See <b>Appendix L</b>, Sole Source Aquifers).</p> <p><b>Source: 25</b></p>

<p><b>Wetlands Protection</b></p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to National Wetlands Inventory (NWI) data and a March 13, 2017 letter to GOSR, the Project site is not located in a wetland area. (See <b>Appendix M</b>, Wetlands).</p> <p><b>Source: 12, 14</b></p>
<p><b>Wild and Scenic Rivers</b></p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no Wild and Scenic Rivers, as designated by the US Department of the Interior near the Project site.</p> <p><b>Source: 12, 15, 16</b></p>
<p><b>ENVIRONMENTAL JUSTICE</b></p>		
<p><b>Environmental Justice</b></p> <p>Executive Order 12898</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not within a potential Environmental Justice (EJ) area, as defined by NYSDEC based on data from the 2010 U.S. Census (See <b>Appendix N</b>, Environmental Justice Areas). The Project will not raise EJ issues and will have no potential for new or continued disproportionately high and adverse human health and environmental effects on minority or low-income populations. The Project will benefit low- and moderate income residents through the construction of new affordable housing.</p> <p><b>Source: 17</b></p>

**Environmental Assessment Factors** [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits or approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

**Impact Codes:** Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>LAND DEVELOPMENT</b>		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	<p>The Project will develop two, new, residential, apartment buildings with associated parking lots, on approximately 5 acres of undeveloped land located at Davis Lane and East Main Street. The land is currently pasture land.</p> <p>The Project conforms to the 2006 Town Comprehensive Plan and will conform to nearly all the applicable Town Zoning Code bulk and setback requirements for development in the site’s current Planned Development Zone. Residential use is allowed within this zoning district as per Village of Richmondville Zoning Laws (See <b>Appendix E</b>, Commitment letters).</p> <p><b>Source: 26</b></p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	3	<p>The subject property is composed of soil type identified as Prime Farmland. The characteristic of this soil type is identified as follows:</p> <p>The Project site has a relatively flat topography with an elevation of 1,040 to 1,050 feet above mean seal level (AMSL). The surface drainage is to the north-northwest.</p>

		<p>The site will require minor grading and compaction for the site improvements, including building foundations, stormwater features, and paved parking areas.</p> <p>The surface soils are identified as Barbour and Tioga loams and Wayland soils complex of the TunkHannock Series. They consist of a cobbly-silt loam that is deep, and well drained. They are rated as very limited for potential for flooding. Bedrock near the subject property is approximately 900 feet below grade.</p> <p>The subject property is currently undeveloped and after completion of the Project approximately 1.3 acres (26 percent) will be impervious surface. An integral component of the proposed plans includes the incorporation of Green Infrastructure (GI) practices throughout the site that will attenuate runoff and limit post-development peak rates of storm water discharge. These GI practices will provide water quality treatment and provide opportunities for storm water to infiltrate into the soil. The storm water management has been designed to treat water quality and water quantity for the respective properties.</p> <p>Construction and operation of the storm water control system and all Project construction will be in accordance with Section 402 of the Clean Water Act that requires authorization by a National Pollutant Discharge Elimination System (NPDES) permit or by a state permit program. New York's State Pollutant Discharge Elimination System (SPDES) is a NPDES-approved program. Coverage under NYSDEC GP-15-002 will be obtained prior to the start of construction.</p> <p><b>Source: 13, 27</b></p>
<p>Hazards and Nuisances including Site Safety and Noise</p>	<p>2</p>	<p>The Project site is not within a 100-year flood hazard area. (See <b>Appendix B</b>, Floodplains).</p> <p>No other known natural hazards, including earthquake fault zones, landslide zones, or hazardous terrain, are at or near the Project site.</p> <p>The Project will generate noise during construction that will be minimized through compliance with local noise ordinances, including time-of-day work limitations. Exterior construction activities will take place during</p>

		normal working hours and will employ commonly accepted engineering and administrative controls to minimize noise impacts to neighbors. Interior construction will have negligible impact to neighbors.
Energy Consumption	3	The Project will include design and construction guidance through the incorporation of Green Infrastructure (GI)  The power and natural gas demand will increase from the past and current usage at the site (vacant property). Electricity will be provided by Richmondville Power and Light, and Natural gas by National Grid. There is sufficient capacity for the increase in demand. (See <b>Appendix O</b> , Capacity Letters).

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>SOCIOECONOMIC</b>		
Employment and Income Patterns	2	<p>According to 2015 Census estimates, the median household income in the Village of Richmondville was \$43,214. This compares to \$57,369 for the State of New York. The estimated median value of owner-occupied housing units in Richmondville Village in 2015 was \$121,200, compared to \$277,600 for the State of New York.</p> <p>Employment in Richmondville is widely distributed among several key industries and occupations. Approximately 25.7 percent of the population is employed in educational services and health care; 16.0 percent in retail trade; 14.9 percent in arts, entertainment, and recreation; and 6.7 percent in professional, scientific, and management, and administrative and waste management services.</p> <p>The construction will provide an estimated 45 temporary construction jobs. Permanent employment will include a full-time on-site superintendent. Based on the number of associated employees, the Project is not expected to alter employment and income patterns.</p> <p><b>Sources: 18, 19</b></p>
Demographic Character Changes, Displacement	2	<p>According to the 2016 U.S. Census estimates, the population of the Village of Richmondville was 867. This represents a 5.6 percent decrease in population since 2010. In 2010, approximately 95.9 percent identified as</p>

	<p>Caucasian, 1.3 percent as black or African-American, 1.5 percent as two or more races, 0.3 percent as Asian, 0.5 percent as American Indian or Alaskan Native, 0.0 percent as Native Hawaiian and Other Pacific Islander, and 3.3 percent identified as Hispanic or Latino.</p> <p>The proposed development will consist of the construction of two new apartment buildings on previously undeveloped land at Davis Lane and East Main Street. The units will be targeted to residents earning 80 percent of the AMI.</p> <p><b>Source: 18</b></p>
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Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>COMMUNITY FACILITIES AND SERVICES</b>		
Educational and Cultural Facilities	2	<p>The Cobleskill-Richmondville Central School District area covers more than 181 square miles and 15 towns. The Project will contribute between 14 and 28 school age children to the local schools. This will not impact the school system (See <b>Attachment O</b>, Capacity Letters).</p> <p>Schools that will serve the Project include, Cobbleskill-Richmondville High School (1.8 miles), Golding Middle School (5.3 miles), Ryder Elementary School (5.3 miles), and Radez Elementary School (0.3 miles).</p> <p>There are 28 colleges within 50 miles of the Project. The closest is SUNY, Cobleskill Campus (3.7 miles to the northeast).</p> <p>Richmondville and the surrounding area have some cultural amenities that will be available to the residents of Project, including libraries, churches, and historic sites. The Cobleskill-Richmondville Community Library is approximately 5.2 miles northeast of the Project site. There are three churches within one mile of the Project site.</p> <p>The Project will provide housing for a limited number of families and is designed to serve the existing population of the area. The small increase in the number of residents will not substantially increase the demand for nearby educational services or cultural facilities.</p> <p><b>Source: 21</b></p>

<p>Commercial Facilities</p>	<p>2</p>	<p>There are few commercial facilities in the Village of Richmondville. There is a municipal pool and small downtown park serving as a memorial to veterans. A small playground is located at the Radez Elementary School. A skateboard park and pool improvements could be initiated according to the Village Comprehensive Plan. A recreation path is proposed to stretch from the Village of Cobleskill to the Village of Richmondville for walking, biking, rollerblading, cross-country skiing, horseback riding, snowshoeing, etc. Although new residents will visit the existing commercial establishments in the neighborhood, the Project will not significantly increase the demand beyond existing capacity for existing commercial establishments.</p> <p><b>Source: 26</b></p>
<p>Health Care and Social Services</p>	<p>2</p>	<p>There are seven hospitals and several health-care facilities within 30 miles of the Project site. Cobleskill Regional Hospital has a facility at 178 Grandview Drive within 6 miles of the Project Site, including the hospital, an acute inpatient medical center, emergency care, inpatient rehabilitation, and other diagnostic and therapeutic services. Other providers include Mary Imogene Bassett Hospital at One Atwell Road, Cooperstown, NY, and Aurelia Osborn Fox Memorial Hospital at 1 Norton Avenue, Oneonta, NY. The number of units and residents associated with the Project will not significantly increase the demand on the healthcare system. The Schoharie County Department of Social Services provides child support enforcement services, Supplemental Nutrition Assistance Program (SNAP) benefits (food stamps), temporary financial, housing, medical, and home energy assistance and protective and preventive services for vulnerable children and adults. The Project is not expected to exceed the capacity of providers because it is in an area well-served by existing health-care and social-service providers (See <b>Appendix O</b>, Capacity Letters).</p> <p><b>Source: 22, 23</b></p>
<p>Solid Waste Disposal / Recycling</p>	<p>2</p>	<p>Construction may result in a temporary increase in solid waste. Construction debris of wood, piping, and other materials will be collected on-site and disposed of or recycled as appropriate. Any petroleum-contaminated soils,</p>

		<p>municipal solid waste, and construction and demolition debris will be disposed of appropriately, either as bulk waste or hazardous waste. Construction debris will primarily be composed of materials left over from construction. These materials will include wood, piping, and other materials commonly found in residential construction. Much of these wastes will be recycled. (See <b>Appendix E</b>, Commitment Letters).</p> <p>The Project will involve new residential housing and new sources of solid waste. By law, property owners are responsible for solid waste pickup at rental properties. Casella Waste Systems, Inc. indicated, in a February 20, 2017 letter, they are able to service the Project during construction and after the Project is completed. (See <b>Appendix O</b>, Capacity Letters).</p> <p>There will be a minor to moderate increase in solid waste disposal or recycling from operation of the Project because it will replace the existing vacant area with a number of onsite sources (i.e., residents). Casella Waste Systems, Inc. is able to adequately service the Project with solid waste disposal and recycling service during and after construction (See <b>Appendix O</b>, Capacity Letters).</p>
<p>Waste Water / Sanitary Sewers</p>	<p>2</p>	<p>Wastewater treatment in Schoharie County is provided by the Cobleskill Village Water Department. Wastewater is processed at the Barber-Florio Water Treatment Plant. The plant's permitted capacity is 0.200 million gallons per day (gpd) with a current flow of approximately 0.070 million gpd.</p> <p>The Project will be located on currently undeveloped property. This Project will require the installation of new wastewater collection infrastructure. The Project will connect to the public sanitary sewers and wastewater treatment system.</p> <p>Schoharie County, DPW Superintendent, stated that it has adequate capacity to support the Project and that it will not adversely affect wastewater operations or treatment. (See <b>Appendix O</b>, Capacity Letters)</p> <p>Sanitary wastewater from the project will be conveyed off-site through the existing network of the Richmondville municipal sewerage system, and treated and discharged at</p>

		<p>the existing municipal facility. The project will conform to all applicable flow and design requirements of the Schoharie Health Department and the Village of Richmondville Department of Public Works (See <b>Appendix O</b>, Capacity Letters).</p> <p><b>Source: 23</b></p>
Water Supply	3	<p>The Village of Richmondville’s water originates from the Town of Cobleskill Water District in three surface water reservoirs, Dow Reservoirs, Smith Reservoir, and the Holding Pond in the town of Cobleskill. These reservoirs have a storage of approximately 296 million gallons. The Town of Cobleskill Water District will provide drinking water to the Project. This water system serves approximately 10,000 people. In 2016, the system produced 4.95 million gallons of water. The currently safety yield is 0.150 million gpd with a current flow rate average of .080 million gpd. The Town stated that the system is expected to have adequate capacity to provide water to the Project. (See <b>Appendix O</b>, Capacity Letters)</p> <p><b>Source: 23</b></p>
Public Safety - Police, Fire and Emergency Medical	2	<p>Public safety services are provided by the Village of Cobleskill Police Department. The Cobleskill Police Department provides 24-hour service and works closely with the New York State Police, the SUNY Cobleskill University Police, and the Schoharie County Sheriff’s Department. The department is located at 378 Mineral Springs Road in Cobleskill.</p> <p>The Richmondville Volunteer Fire Department provides services to the Village of Richmondville. The Department has of 53 firefighters. The Village of Richmondville Emergency Squad, headquartered at 388 E. Main Street in Richmondville, provided a letter stating they will be able to adequately service the Project (See <b>Appendix O</b>, Capacity Letters).</p> <p>The Project will provide housing for a limited number of families and is designed to serve the existing population of the area. The small increase in the number of residents will slightly increase the demand for nearby police, fire, and emergency services. (See <b>Appendix O</b>, Capacity Letters).</p> <p><b>Source: 23</b></p>

Parks, Open Space and Recreation	2	Parks and recreation facilities are managed by Schoharie County. The closest parks to the Project site includes the Iorio Park (5.6 miles), Loomacres Wildlife Refuge (2.43 miles), and Golding Park Recreation Center (4.57 miles). The small increase in the number of residents will not substantially increase the demand for additional parks or open space and will not cause the deterioration of the existing facilities.
Transportation and Accessibility	2	There are no public transportation services near the Project.  The Project will not require the development of new transit service or create population demand that will exceed the capacity of current transportation infrastructure or transit service systems. On-site parking spaces for residents, visitors, and staff are included in the design.

Environmental Assessment Factor	Impact Code	Impact Evaluation
<b>NATURAL FEATURES</b>		
Unique Natural Features, Water Resources	2	The Project site is undeveloped land. No unique natural features or water resources were identified near the Project.
Vegetation, Wildlife	2	<p>The USFWS coordination process indicated there are no critical habitats on the Project site. Several migratory birds of concern could be affected by the proposed Project</p> <p>The threatened northern long-eared bat may occur in the boundary of or may be affected by the Project. The proposed Project will not result in removal of trees and will be implemented on an extensively developed site. If any tree clearing were to occur, the DEC recommends that clearing be conducted between November 1 and March 31, when bat species are inactive in hibernation sites.</p> <p>In a May 10, 2017 letter, GOSR determined that there will be no effect to threatened or endangered species from the implementation of the Project. On May 17, 2017, the USFWS acknowledged the determination of no effect and/or no impact.</p> <p>The Project site is within the Atlantic Flyway for several migratory birds.</p>

		The Project landscape plantings will not include prohibited and regulated invasive species identified by the NYSDEC. (See <b>Appendix F</b> , USFWS and NYNHP Consultation)
Other Factors	2	Beyond those already addressed, no other factors were identified or evaluated for the Project.

**Additional Studies Performed:**

- Thermal Explosive Hazards Assessment Report in March 2017.
- Phase I Environmental Site Assessment in February 2017.
- Phase I Archaeological Report in April 2017.
- Phase II Archaeological Report in August 2017.

**Field Inspection** (Date and completed by):

- January 24, 2017, site reconnaissance for the February 3, 2017 Phase I Environmental Site Assessment
- July 2017 field survey activities for Phase II Archaeological Report in August 2017.

**List of Sources, Agencies and Persons Consulted** [40 CFR 1508.9(b)]:

1. New York State. 2013. State of New York Action Plan for Community Development Block Grant Program Disaster Recovery (Action Plan, issued April 25, 2013, amended July 3, 2012) New York State. 2013.
2. New York State. 2013. NY Rising Housing Recovery Program Homeowner Guidebook (Guidebook) (revised December 12, 2013).
3. Federal Aviation Administration. Report to Congress-National Plan of Integrated Airport Systems. Internet Website:  
[http://www.faa.gov/airports/planning\\_capacity/npas/reports/media/npas-2015-2019-report-appendix-b-part-4.pdf](http://www.faa.gov/airports/planning_capacity/npas/reports/media/npas-2015-2019-report-appendix-b-part-4.pdf).
4. Federal Aviation Administration. Report to Congress-National Plan of Integrated Airport Systems. Internet Website:  
[http://www.faa.gov/airports/planning\\_capacity/npas/reports/media/npas-2015-2019-report-narrative.pdf](http://www.faa.gov/airports/planning_capacity/npas/reports/media/npas-2015-2019-report-narrative.pdf).
5. New York State Department of State, Office of Communities and Waterfronts-Coastal Boundary Map. Internet Website: [http://appext20.dos.ny.gov/coastal\\_map\\_public/map.aspx](http://appext20.dos.ny.gov/coastal_map_public/map.aspx).
6. US Fish and Wildlife Service. 2015. Coastal Barrier Resources Mapper-Beta. Internet Website:  
<http://www.fws.gov/cbra/Maps/Mapper.html>.

7. United States Federal Emergency Management Agency. Current FEMA issued Flood Maps. Internet Website:  
<https://msc.fema.gov/portal/search?AddressQuery=blenheim%2C%20ny#searchresultsanchor>.
8. United States Environmental Protection Agency. Green Book Nonattainment Areas. Internet Website: <http://www.epa.gov/oaqps001/greenbk/ancl.html>.
9. New York State Department of Environmental Conservation GIS Clearinghouse, Bulk Storage Sites in New York State and Remediation Sites in New York State. Internet Website:  
<http://gis.ny.gov/gisdata/inventories/member.cfm?organizationID=529>.
10. US Department of Housing and Urban Development. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition). Internet Website:  
[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/healthy\\_homes/lbp/hudguidelines](http://portal.hud.gov/hudportal/HUD?src=/program_offices/healthy_homes/lbp/hudguidelines).
11. US Environmental Protection Agency EPA Map of Radon Zones. Internet Website:  
<http://www.epa.gov/radon/pdfs/zonemapcolor.pdf>.
12. New York State Department of Environmental Conservation (NYSDEC). Environmental Assessment Form Mapping Tool. <http://www.dec.ny.gov/imsmaps/ERM/viewer.htm> 7/21/.
13. US Department of Agriculture. Natural Resources Conservation Service. Internet Website:  
<http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.
14. US Fish and Wildlife Service. 2014. National Wetlands Inventory, New York. Internet Website: <http://www.fws.gov/wetlands/Data/State-Downloads.html>.
15. National Wild and Scenic Rivers System. Internet Website: <http://www.rivers.gov/new-york.php>.
16. New York State Department of Environmental Conservation. Wild Scenic and Recreational Rivers. Internet Website: <http://www.dec.ny.gov/permits/32739.html>.
17. New York State Department of Environmental Conservation. Potential Environmental Justice Areas in the City of Richmondville, Schoharie County, New York. Internet Website:  
[http://www.dec.ny.gov/docs/permits\\_ej\\_operations\\_pdf/schoharieej.pdf](http://www.dec.ny.gov/docs/permits_ej_operations_pdf/schoharieej.pdf).
18. US Census Bureau, 2014. Internet Website:  
<https://www.census.gov/quickfacts/fact/table/schohariecountyny/PST045216>.

19. US Census Bureau. 2013. American Factfinder. Internet Website:  
[http://factfinder.census.gov/faces/nav/jsf/pages/community\\_facts.xhtml#](http://factfinder.census.gov/faces/nav/jsf/pages/community_facts.xhtml#)
20. Citydata.com. 2014. Schenectady, New York. Internet Website: <http://www.citydata.com/city/Riverhead-New-York.html>.
21. Coblekill-Richmondville Central School District. Internet Website:  
<http://www.crcs.k12.ny.us/>.
22. US Hospital Finder. Hospitals in Schenectady, NY-US Hospital Finder. Internet Website:  
[http://www.ushospitalfinder.com/hospitals/search?search\\_query=riverhead%2C+ny&lng=-72.66204019999998&lat=40.9170435&cgeo=](http://www.ushospitalfinder.com/hospitals/search?search_query=riverhead%2C+ny&lng=-72.66204019999998&lat=40.9170435&cgeo=)
25. Schoharie County, NY. <http://www.schohariecounty-ny.gov/CountyWebSite/index.jsp>.
26. United States Environmental Protection Agency. 2015. NEPAAssist Internet Mapping Tool.  
<https://nepassisttool.epa.gov/nepassist/nepamap.aspx>.
27. U.S. Environmental Protection Agency Region 2. 2007. Sole Source Aquifers for NY and NJ. September 2007. Internet Website:  
[http://www.epa.gov/region02/gis/data/downloads/r2sole\\_source\\_aquifer.zip](http://www.epa.gov/region02/gis/data/downloads/r2sole_source_aquifer.zip).
28. 2006 Town Comprehensive Plan. Internet Website: <http://www.schohariecounty-ny.gov/CountyWebSite/townric/RichCompFinal2007.pdf>.
29. Ravi Engineering & Land Surveying, P.C. 2017. Phase I Environmental Site Assessment, Davis Land and East Main Street, Village of Richmondville, New York

### **List of Appendices**

- Appendix A Figures
- Appendix B Floodplains
- Appendix C Coastal Zones
- Appendix D Toxic and Hazardous Materials
- Appendix E Commitment letters
- Appendix F USFWS and NYNHP Correspondence
- Appendix G Explosive and Flammable Hazards
- Appendix H Soils
- Appendix I SHPO Correspondence

Appendix J	Tribal Correspondence
Appendix K	Noise
Appendix L	Sole Source Aquifer
Appendix M	Wetlands
Appendix N	Environmental Justice
Appendix O	Capacity Letters

**List of Permits Obtained or Required:**

1. Village of Richmondville Planning Board: Minor Subdivision (Received 3/9/17) Site Plan Approval
2. NYSDEC: SPDES General Permit
3. NYSHCR – BDBG-DR Funding
4. A SEQRA Unlisted Action determination per Section 617.5(c)(7)

**Public Outreach** [24 CFR 50.23 & 58.43]:

On August 30, 2017, a combined Notice of Finding of No Significant Impact and Intent to Request Release of Funds will be published in the Daily Gazette. Any individual, group, or agency may submit written comments on the Environmental Review Record to:

Lori A. Shirley, GOSR, HCR  
38-40 State Street  
Albany, NY 12207  
(518) 474-0755  
NYSCDBG\_DR\_ER@nyshcr.org

**Cumulative Impact Analysis** [24 CFR 58.32]:

The Project is not expected to trigger cumulative impacts, including the degradation of important natural resources, socioeconomic resources, human health, recreation, quality of life issues, and cultural and historic resources. The Project is not of a scale large enough to contribute significantly to cumulative impacts.

**Alternatives** [24 CFR 58.40(e); 40 CFR 1508.9]

**Proposed Project.** As fully described in this Environmental Assessment, the proposed Candlewood Court I & II will be located on an approximately undeveloped 5-acre parcel. The proposed actions for the Candlewood Court I & II will consist of the construction of two new separate buildings on two separate lots. The proposed footprint for Candlewood Court I is 12,100 square feet and Candlewood Court II is 12,450 square feet. Total Project activities will encompass

approximately 4 acres of two 2.5-acre parcels. The proposed Project site is located on undeveloped, open land, abutted by Interstate 88 to the north and Route 7 (East Main Street) to the south. Forest, open fields, and minimal residential development are located to the east, and the Joseph B. Radez Elementary School and minimal residential development are located to the west. A sewer treatment plant abuts the Project site to the northwest. The surrounding area can be described as primarily undeveloped forest, intermittent with open grassland, agricultural fields, and minimal residential and commercial development concentrated in the Village of Richmondville to the west of the proposed Project site. Cobleskill Creek flows through the eastern portion of the proposed Project site and a tributary of Cobleskill Creek runs along the southern boundary of the proposed Project site.

The Project as proposed represents the best option for redevelopment of the site.

**Alternative Sites Alternative.** The entire site is vacant and is zoned as planned for development. Due to Project approval by Village of Richmondville, no other sites were evaluated.

**No Action Alternative [24 CFR 58.40(e)]:**

Not undertaking the Project will not be consistent with the goals and objectives of the Village of Richmondville Comprehensive and other local and state plans. The Town and County will not advance their housing and land use goals because there will be no increase in the availability of resilient, sustainable, affordable housing. Without the Project, planning goals to provide more resilient housing will be delayed.

The no action alternative will leave the property vacant. By not pursuing the proposed Project, the community will lose the opportunity to create new affordable, resilient, rental housing in the area.

**Summary of Findings and Conclusions:**

The proposed Project will be an appropriate use of the Project site. The Project will provide affordable housing consistent with local and state housing goals, and will provide affordable housing in an area close to existing health and social services. The goals and objectives of GOSR, in response to addressing the most impacted counties affected by Hurricane Irene and Tropical Storm Lee, will be achieved. The Project will not significantly alter the character or resources of the area. In some cases, the Project will result in potential benefits by providing needed housing and new employment. The proposed Project will not result in a significant impact on the quality of the human environment.

**Mitigation Measures and Conditions [40 CFR 1505.2(c)]**

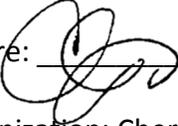
Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Clean Air Act	All Project activities will comply with applicable federal, state, and local laws and regulations regarding construction emissions, including but not limited to NYCRR, NYSDEC Air Quality Management Plan, and the New York SIP. All necessary measures will be used to minimize fugitive dust emissions during construction activities. The preferred method for dust suppression is water sprinkling.
Contamination and Toxic Substances	All Project-related solid waste generated during construction will be managed and transported in accordance with the NYS solid and hazardous waste rules.
Contamination and Toxic Substances	Because the Project site is in an EPA Radon Zone 1, post-construction surveys will be conducted and appropriate mitigation will be applied to ensure that whole body radon exposure of is below 1.25 rems per calendar quarter. All testing and mitigation will be done prior to occupancy.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	BMPs, such as silt fence and erosion prevention, will be used, if required by permits or agency discretion. State and local permitting requirements will incorporate BMPs to eliminate erosion impacts during construction.
Conformance with NYS Department of Environmental Conservation State Pollution Discharge Elimination System General Permit for Stormwater Discharges from Construction Activity GP-0-15-002	Because the amount of ground disturbance at the site will be greater than 1 acre, an SWPPP and notice of intent will be required for the Project in accordance with the NYS Stormwater Design Manual. BMPs, such as silt fence and erosion prevention, will be implemented, if required by permits or agency discretion.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	The Project site will be graded to accommodate improvements. Soils will be compacted per local building codes.
Historic Preservation	The results of the Phase II investigation and any changes to project design will be coordinated with the SHPO. A site avoidance/protection plan that will describe the measures to be taken to protect the portions of the site that were not examined during the Phase II investigation will be submitted to the SHPO.

**Determination:**

**Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]  
The project will not result in a significant impact on the quality of the human environment.

**Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]  
The project may significantly affect the quality of the human environment.

Preparer Signature:  \_\_\_\_\_ Date: August 30, 2017

Name/Title/Organization: Cheryl Alkemeyer, Environmental Scientist, PARS Environmental, Inc.

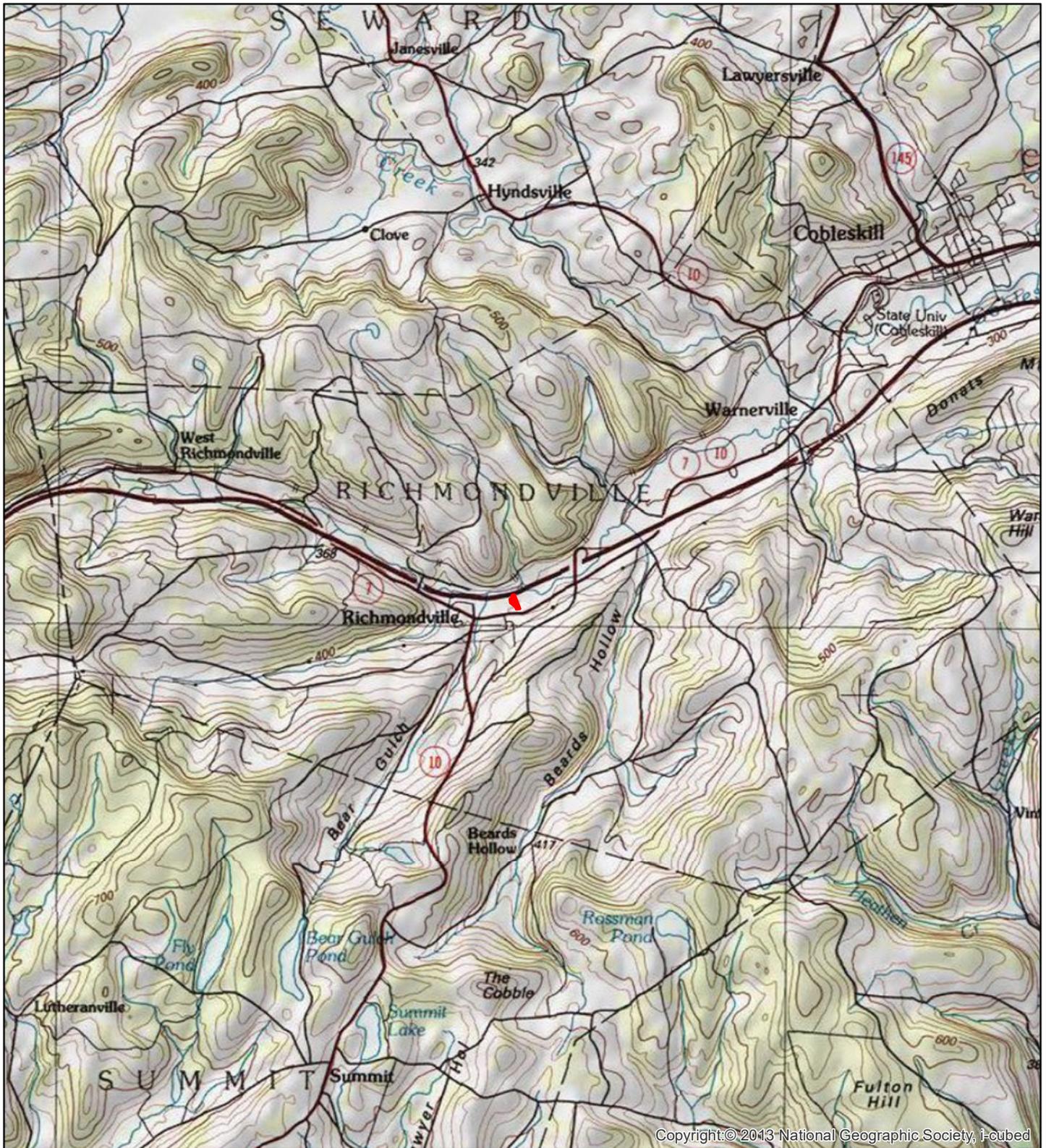
---

Certifying Officer Signature:  \_\_\_\_\_ Date: August 30, 2017

Name/Title: Lori A. Shirley, Certifying Officer, Governor's Office of Storm Recovery

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

## Appendix A – Figures



**Legend**

 *Project Area*

**Topographic Map**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**





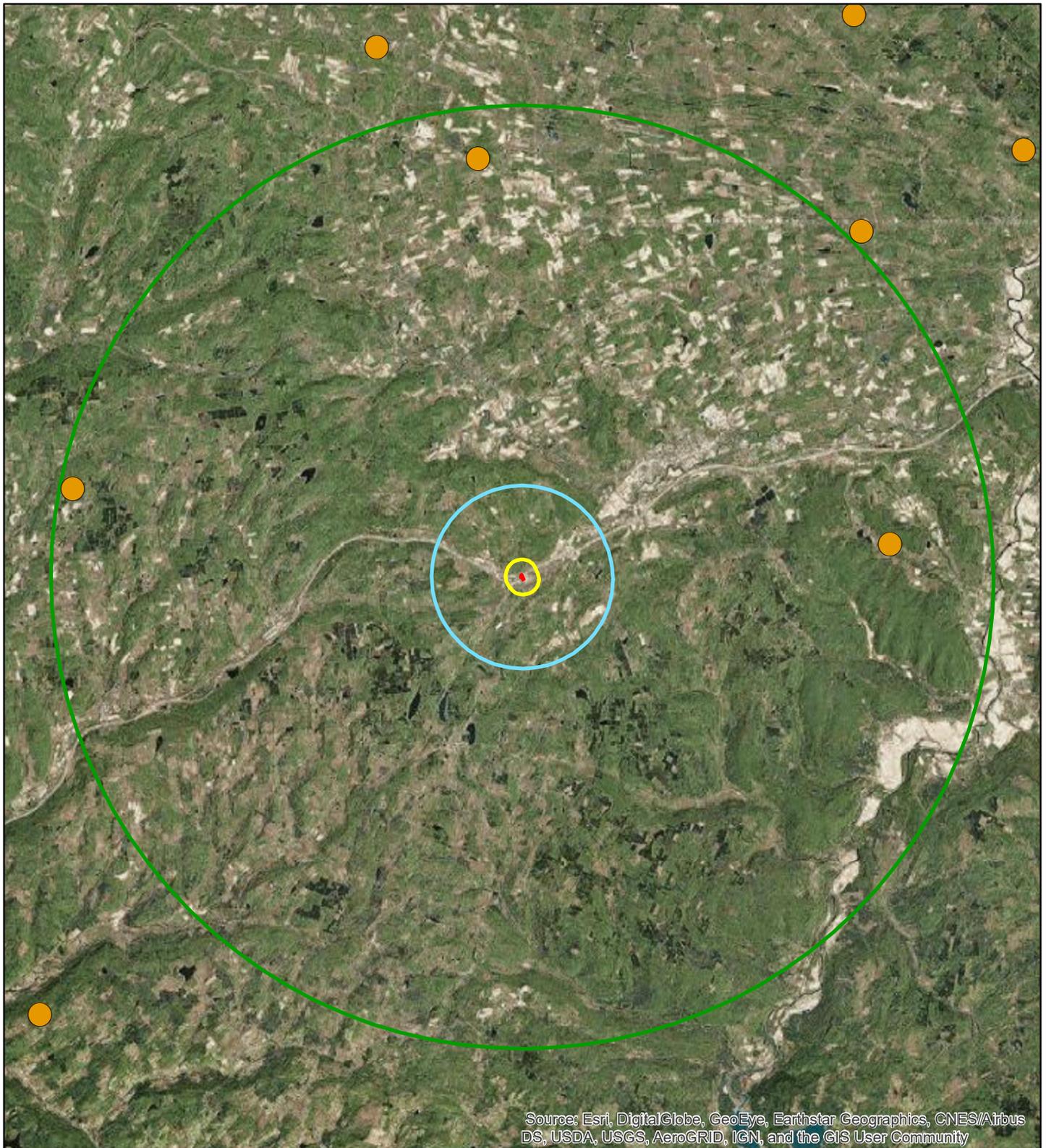
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

 *Project Area*

**Project Area**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

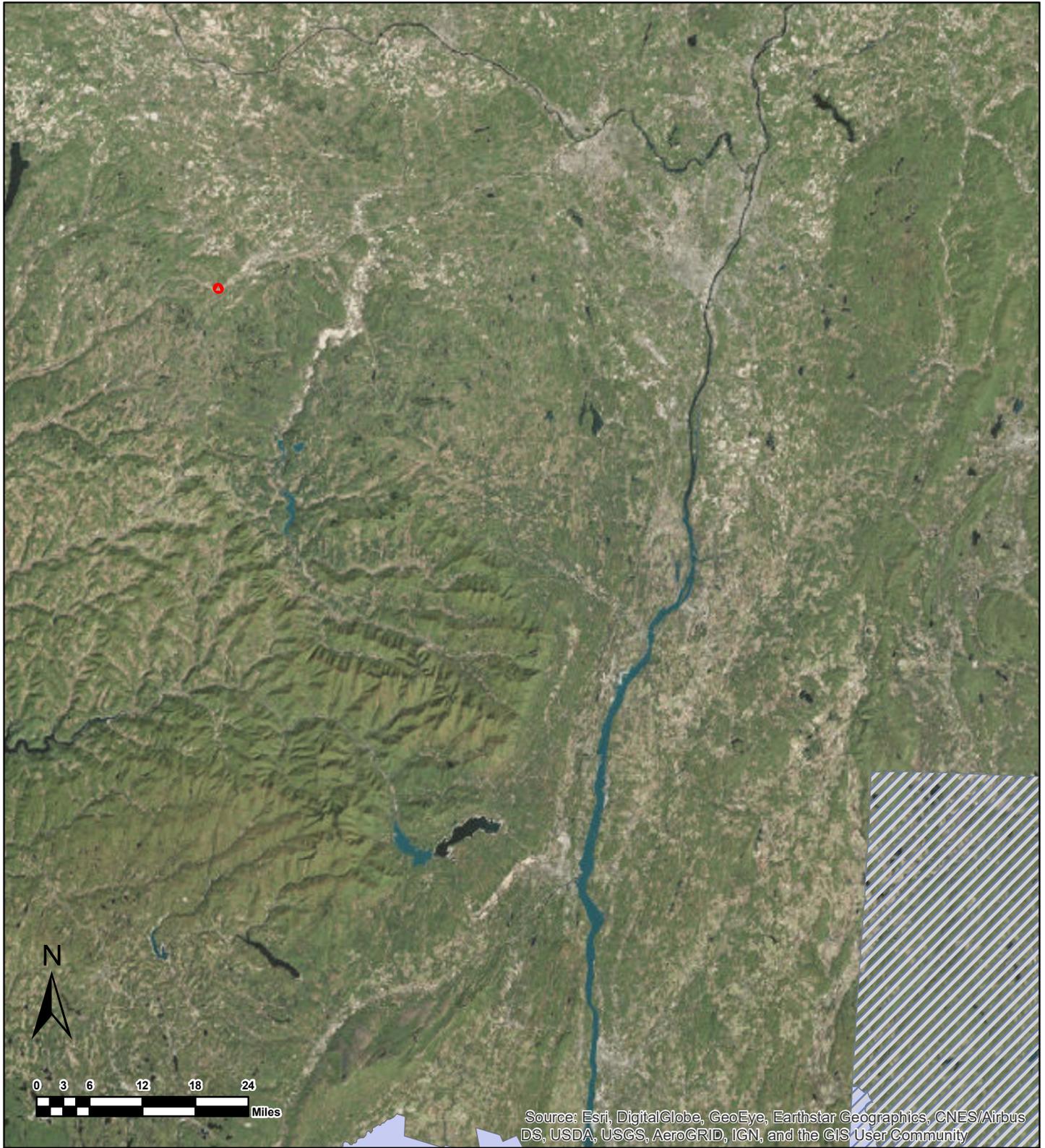
**Legend**

-  *Project Area*
-  *2,500-Foot Project Site Buffer*
-  *15,000-Foot Project Site Buffer*
-  *15-Mile Project Site Buffer*
-  *Private Use*

**Airports**

**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**





**Legend**

-  *Project Area*
-  *Ozone 8hr 2008 Standard NAA*
-  *PM2.5 2006 Standard NAA*

**Nonattainment Areas**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**





**Legend**

- Project Area*
- Piping Plover*
- Piping Plover Buffer*

**Selected Protected Species**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**



**Legend**

- Project Area*
- NYS Agricultural Districts 500ft Buffer

**Agricultural Districts**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

-  *Project Area*
-  Wild and Scenic Rivers

**Wild and Scenic Rivers**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**

## Appendix B – Floodplains

**NOTES TO USERS**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

**Coastal Base Flood Elevations** shown on this map apply only landward of 0.0' NAVD88. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator, Zone 18N. The **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services  
NOAA, NNGS12  
National Geodetic Survey  
SSMC-3, #9202  
1315 East-West Highway  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

**Base Map** Information Shown on this FIRM was provided by the New York State Office of Cyber-Security and Critical Infrastructure Coordination. The digital orthoimagery dates from 2004, and was produced at an image pixel size of 60 cm ground surface distance.

The **profile baselines** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the **profile baseline**, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations and floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

**Corporate limits** shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

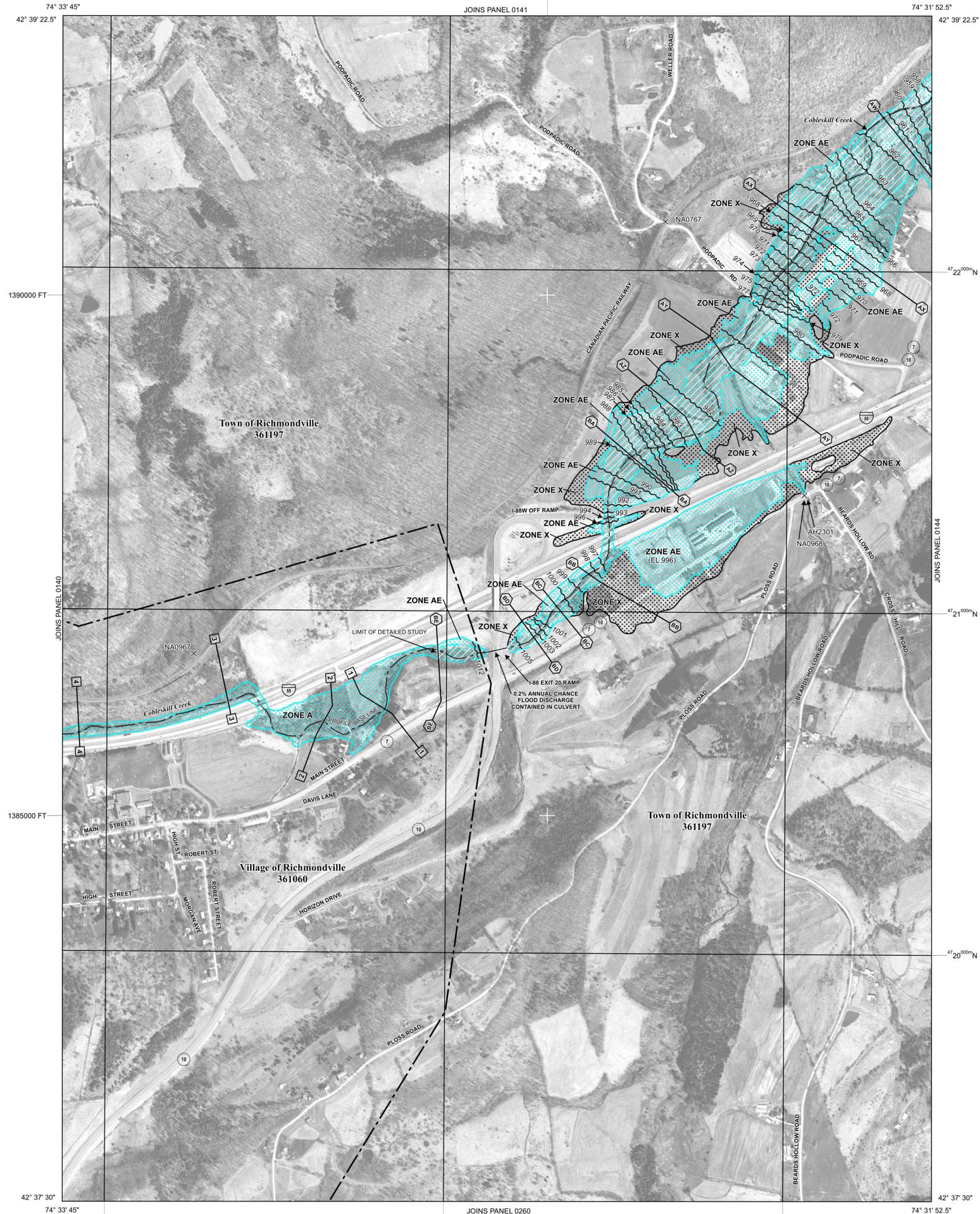
Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/nfip>.



This digital FIRM was produced through a unique cooperative partnership between the New York State Department of Environmental Conservation (NYSDEC) and FEMA. As part of the effort, NYSDEC has joined in a Cooperative Technical Partnership agreement to produce and maintain FEMA's digital FIRM.



**LEGEND**

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**  
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently derelict. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**  
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**  
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% Annual Chance Floodplain Boundary
- 0.2% Annual Chance Floodplain Boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet\*
- Base Flood Elevation value where uniform within zone; elevation in feet\*

- \*Referenced to the North American Vertical Datum of 1988
- A-A Cross section line
- 3-3 Limited detail cross section line
- 23-23 Transsect line
- Culvert
- 45° 02' 08", 93° 02' 12" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 4999000m N 1000-meter Universal Transverse Mercator grid values, Zone 18N
- 1495000 FT 500-foot New York State Plane grid values, Eastern Zone
- DX5510 X Bench mark (see explanation in Notes to Users section of this FIRM panel)
- \* FT1,000 River Station

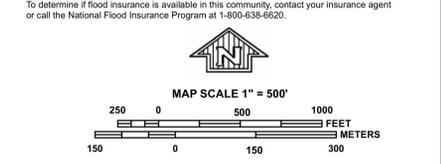
**MAP REPOSITORIES**  
Refer to Map Repositories list on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
April 2, 2004

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**  
February 16, 2012 - to change Special Flood Hazard Areas.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



**NFP** PANEL 0143F

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

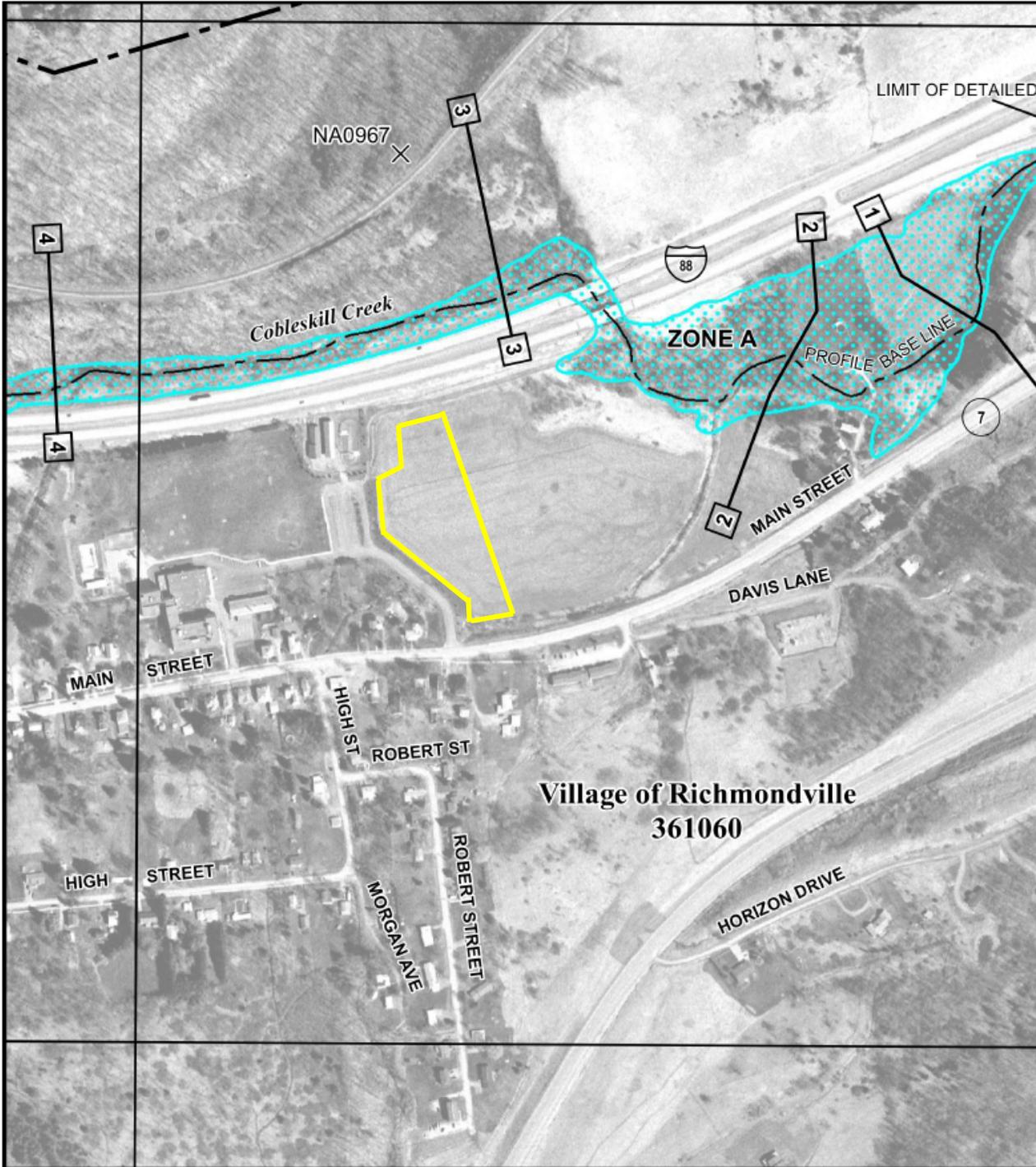
PANEL 143 OF 510  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

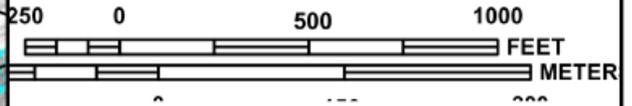
COMMUNITY	NUMBER	PANEL	SUFFIX
RICHMONDVILLE, TOWN OF	361197	0143	F
RICHMONDVILLE, VILLAGE OF	361060	0143	F

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

**MAP NUMBER**  
36095C0143F  
**MAP REVISED**  
FEBRUARY 16, 2012  
Federal Emergency Management Agency



MAP SCALE 1" = 500'



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0143F

**FIRM**

**FLOOD INSURANCE RATE MAP  
SCHOHARIE COUNTY,  
NEW YORK  
(ALL JURISDICTIONS)**

**PANEL 143 OF 510**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
RICHMONDVILLE, TOWN OF	361197	0143	F
RICHMONDVILLE, VILLAGE OF	361080	0143	F

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



**MAP NUMBER  
36095C0143F  
MAP REVISED  
FEBRUARY 16, 2012**

Federal Emergency Management Agency

**Village of Richmondville  
361060**

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 C – Coastal Zones



## Legend

-  *Project Area*
-  *CBRS Polygon*

# Coastal Barrier Resources

## Candlewood Courts Affordable Housing Project

### Davis Lane and East Main Street

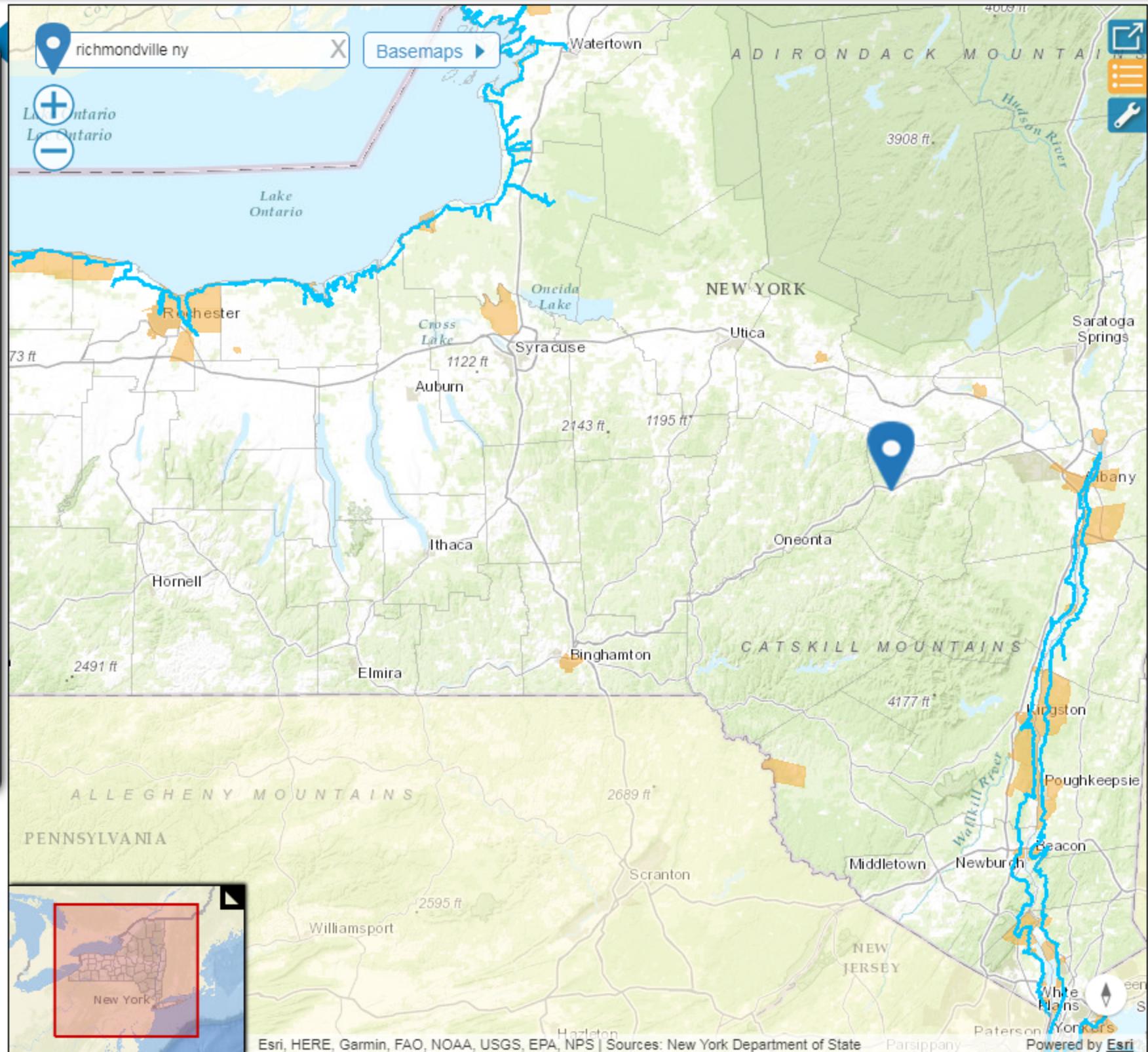
### Richmondville, Schoharie County, NY

find & add

Legend

all on/off  remove all  download checked

- Significant Coastal Fish & Wildlife Habitats - NY
- Landward Coastal Area Boundary
- Scenic Areas of Statewide Significance
- Local Waterfront Revitalization Program [LWRP] - Approved Plans
- Long Island Sound Coastal Management Program
- Native American Lands
- Federal Lands New York
- Coastal Area Boundary Polygon



# Appendix D – Toxic and Hazardous Materials

# **Phase I Environmental Site Assessment**

**Davis Lane and East Main Street  
Village of Richmondville, New York 12149**

**Tax No. 78.19-3-1.1**

*Prepared for:*

**Citibank, N.A., its successors and/or assigns**

&

**CPC Funding SPE 1 LLC, its successors and/or assigns**

&

**The Community Preservation Corporation, its successors and/or assigns  
54 State Street 2<sup>nd</sup> Floor  
Albany, New York 12207**

&

**The New York State Governor's Office of Storm Recovery**

*Prepared by:*



2110 S. Clinton Ave, Suite 1  
Rochester, New York 14618

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## **APPENDICES**

1. Maps
2. Environmental Questionnaire
3. EDR Radius Map Report
4. Historical Research Documentation
5. FOIL Requests and Responses
6. Site Photographs
7. NYSDOH 2014 Radon Survey
8. Qualifications of the Environmental Professionals

**PROJECT ENVIROMENTAL OVERVIEW**  
 Davis Lane and East Main Street  
 Tax No. 78.19-3-1.1  
 Village of Richmondville, New York 12149

Assessment Section	Acceptable	Acceptable, Requires Operation and Maintenance (O&M)	Additional Research or Receipt of FOIA Request Required	Phase II	Remediation Required	Estimated Cost
Historical Review	<b>X</b>					
Regulatory Review	<b>X</b>					
Asbestos- Containing Material (ACM)	<b>X</b>					
Underground Storage Tanks (UST'S)	<b>X</b>					
Aboveground Storage Tanks (AST's)	<b>X</b>					
Polychlorinated Biphenyls (PCB's)	<b>X</b>					

Lead-Based Paint (LBP)	X					
Recognized Environmental Conditions * on Neighboring Properties	X					
Air Emissions	X					
On-Site Operations	X					
Chemical or Hazardous Materials	X					
Freedom of Information Act (FOIA)	X					
Mold	X					

1. Due to the elevated radon levels that NYSDOH measured in Richmondville, the proposed building is designed with a radon mitigation system.

## **EXECUTIVE SUMMARY**

Ravi Engineering & Land Surveying, P.C. (RE&LS) performed this Phase I Environmental Site Assessment (ESA) in general accordance with the scope and limitations of ASTM practice E 1527-13 and the November 1, 2005 United States Environmental Protection Agency (USEPA) regulations for "Conducting All Appropriate Inquiries" (CAAI), for **the benefit of Citibank, N.A, its successors and/or assigns, CPC Funding SPE 1 LLC, its successors and/or assigns, The Community Preservation Corporation, its successors and/or assigns, and The New York State Governor's Office of Storm Recovery.** Assignment of this document can be made only with the written permission of RE&LS.

The subject of this Phase I ESA is a vacant agricultural parcel located on Davis Lane and East Main Street in the Village of Richmondville, New York; it is listed as Tax No. 78.19-3-1.1 (the "Site). The Site is proposed for development as residential apartments.

Realtor Matthew Loder stated that the Site was historically used as pastureland dating back to the 1940s. Aerial photographs dating back to 1960 and the Richmondville Town Assessor's records confirm that the Site was historically utilized as farmland.

RE&LS inspected the Site on January 24, 2017. The Site is an unimproved vacant agricultural field; connections are available to public water and sewers. It is located in a rural area, and is primarily surrounded by residential properties. A waste water treatment plant (WWTP) is adjacent to the northwest of the Site. A portion of Cobleskill Creek is located on the northeast side of the Site. According to the Town Assessor, an historic gas station was located at 334 Main Street, which is an upgradient property <0.1 mile from the Site.

The ASTM E2600 - 10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions defines the upgradient gas station as a potential vapor intrusion condition (pVIC). However, as discussed below, the proposed building is designed to incorporate a passive sub-slab depressurization system for radon. This will also mitigate any concerns relative to potential vapor intrusion.

### **Flood Zone**

ASTM states that flooding is a "non-scope consideration that persons may want to consider in connection with commercial real estate." Environmental Data Resources, Inc. (EDR) indicates that the northeast portion of the Site is within a 100-year flood zone.

### **Radon**

In 2014, New York State Department of Health (NYSDOH) conducted a basement radon survey across New York State. An average level of 4.88 picocuries per liter of radon (pCi/L) was measured in the Village of Richmondville. The United States Environmental Protection Agency (USEPA) has determined an annual average exposure of 4.0 pCi/L as a guidance level for corrective action. However, the proposed building is designed to incorporate a passive sub-slab depressurization system for radon. This will also mitigate any concerns relative to elevated radon levels in the building.

## 1.1 Conclusions

We have performed a Phase I ESA in general accordance with the scope and limitations of ASTM practice E 1527-13 for the Site located on Davis Lane and East Main Street in the Village of Richmondville, New York. **This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Site.**

## 1.2 Recommendations

Based on this Phase I ESA, no further investigation or remedial measures are warranted.

## 1.0 INTRODUCTION

### 1.1 Purpose

The purpose of the Phase I ESA is to perform an “All Appropriate Inquiry” (AAI) into the previous ownership and uses of the property in such a manner to be consistent with good commercial and customary practices as defined in Title 42 of the United States Code (USC), Section 9601(35)(B).

The Phase I ESA is performed to characterize the Site with respect to recognized environmental conditions (RECs) in connection with the property, including the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and petroleum products. ASTM defines RECs as the presence or likely presence of *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, even under conditions that are in compliance with the laws.

The term REC is not intended to include de minimis conditions that generally do not present a threat to public health or the environment, and that would not be the subject of an enforcement action if brought to the attention of the appropriate regulatory agencies.

### 1.2 Scope of Services

The scope of the Phase I ESA is limited to a review of the following sources of information.

- A) A review of permits, reports and other records to identify:
  - past and on-going releases of possible environmental contaminants (i.e., hazardous and non-hazardous materials);
  - proximity to sensitive receptors;
  - past and current above-ground and underground storage tanks (including location, size, age, construction material and contents);
  - hazardous materials/hazardous waste management, storage and disposal practices;
  - industrial wastewater discharge practices;
  - elevated radon levels of potential concern; and

- other information as required by ASTM E 1527-13 and EPA 40 CFR Part 312.
- B) Historical maps and aerial photographs which may reflect prior uses of the subject property and which are reasonably obtainable through state or local government agencies.
- C) Reasonably obtainable federal, state and local government records of: listed hazardous/solid waste sites, spill reports, underground and bulk storage tank facilities, hazardous waste treatment, storage and disposal (TSD) handler and generator records and recorded environmental complaints as provided by EDR.
- D) A visual site inspection (reconnaissance) of the subject property and all facilities and improvements on the subject property. The site reconnaissance will include a visual inspection, interviews of the owner, knowledgeable personnel and such other persons as required by ASTM E 1527-13 and EPA 40 CFR Part 312.
- E) Cursory visual inspection of the subject property, facilities and improvements for suspect asbestos-containing material (SACM) and lead-based paint, if applicable.
- F) To augment that information, a Freedom of Information Law (FOIL) request was sent to the New York State Department of Environmental Conservation (NYSDEC), Schoharie County, and the Village of Richmondville for information relative to the Site. We had not received a reply from the NYSDEC or the County at the time this Phase I was completed. RE&LS reserves the right to revise this report based upon any pertinent information concerning the subject property that may be forthcoming from these departments.

### 1.3 **Significant Assumptions**

This report is prepared with no significant assumption.

### 1.4 **Limitations and Exceptions**

**The Community Preservation Corporation** retained RE&LS to perform this work per our Contract dated January 12, 2017.

RE&LS represents only that it provides services in accordance with generally accepted practices in the environmental audit field. No other representation, expressed or implied, is included or intended as part of its services, proposals, contracts or reports.

RE&LS cannot provide guarantees, certifications or warranties that the property is or is not free of environmental impairment without a Phase II Environmental Site Assessments investigation involving collection and laboratory analysis of environmental samples. Even with such a program, the data and samples from any given soil boring or monitoring well will indicate conditions that apply only at that particular location, and such conditions may not necessarily apply to the general site as a whole.

## **1.5 Special Terms and Conditions**

As indicated above, RE&LS has performed this work in general accordance with the ASTM E 1527-13 Standard Practice for ESAs, the November 1, 2005 US EPA regulations for "Conducting All Appropriate Inquiries" (CAAI).

## **1.6 User Reliance**

**This report is prepared exclusively for the use and benefit of Citibank, N.A, its successors and/or assigns, CPC Funding SPE 1 LLC, its successors and/or assigns, The Community Preservation Corporation, its successors and/or assigns, and the New York State Governor's Office of Storm Recovery. This report is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of RE&LS.**

## **2.0 SITE DESCRIPTION**

### **2.1 Location and Legal Description**

RE&LS was not provided with a legal description of the subject site when this Phase I ESA was prepared.

The Site is a vacant agricultural parcel located on Davis Lane and East Main Street in the Village of Richmondville, New York (Appendix 1).

It is listed as Village of Richmondville Tax No. 78.19-3-1.1

### **2.2 Site Vicinity General Characteristics**

The Site is located in a rural residential neighborhood.

### **2.3 Current and Past Uses of the Property**

The Site is currently used as farmland. Realtor Matthew Loder stated that the Site was historically used as pastureland dating back to the 1940s. Aerial photographs dating back to 1960 and the Richmondville Town Assessor's records confirm that the Site was historically utilized as farmland.

### **2.4 Descriptions of Structures, Roads, Other Improvements on the Site**

The Site is an unimproved vacant lot with connections available to public water and sewers. It is located on the north side of Davis Lane and East Main Street. NYS Route 88 adjoins at the north end of the Site.

## **2.5 Past Uses of the Adjoining Properties**

Richmondville Town Assessor records indicate that adjacent properties were historically utilized as residential properties. A WWTP is located on an adjacent property to the northwest; it is present on the 1960 aerial photo.

## **3.0 USER PROVIDED INFORMATION**

### **3.1 Title Records**

The abstract-of-title was not provided to assist in determining prior property ownership and uses.

### **3.2 Environmental Liens or Activity and Use Limitations**

Realtor Matthew Loder stated that there are no liens, deed restrictions, or property devaluations due to environmental conditions relative to the Site. The Site owner did not return the questionnaire at the time this report was prepared.

### **3.3 Specialized Knowledge**

Not Applicable (N/A)

### **3.4 Commonly Known or Reasonably Ascertainable Information**

The Site is historically known to have been agricultural land.

### **3.5 Valuation Reduction for Environmental Issues**

None

### **3.6 Owner, Property Manager, and Occupant Information**

N/A

### **3.7 Reason for Performing Phase I Environmental Site Assessment**

This Phase I ESA was performed relative to The Community Preservation Corporation's environmental due diligence prior to financing the Site for construction.

### **3.8 Other**

None

## 4.0 RECORDS REVIEW

RE&LS obtained the Environmental Data Resources, Inc. (EDR) Radius Map Report dated January 13, 2017 using the ASTM-specified search distances relative to the Site (Appendix 3).

### **Target Property**

The target property was not listed in any of the databases searched by EDR; however, Cobleskill Creek runs through the property and was identified on the FINDS database. The FINDS list is an inventory of facilities monitored or regulated by the USEPA.

The creek was flagged in the 401 Certification/Coastal Zone Management program, indicating that it is monitored regularly for changes in water quality. The current owner may have been granted a permit to relocate a portion of the creek, or to farm the land within a specified distance of the creek.

### 4.1 **Federal Government Records**

#### **National Priorities List (NPL)**

There are no NPL sites identified within 1.0 mile of the Site.

#### **Resource Conservation and Recovery Act Information System—Transporters, Storage and Disposal Facilities (RCRA - TSDF)**

There are no TSDF located within 0.5 mile of the Site.

#### **Superfund Enterprise Management System (SEMS)**

There are no SEMS sites located within 0.5 mile of the Site.

#### **Superfund Enterprise Management System Archive (SEMS-Archive):**

There are no SEMS-Archive sites within 0.5 mile of the Site.

#### **CORRACTS**

There are no RCRA-listed Treatment, Storage, Disposal Facilities (TSDF) with Corrective Actions (CORRACTS) located within 1.0 mile of the Site.

#### **Emergency Response Notification System (ERNS)**

The EDR database does not indicate any ERNS reports relative to the Site.

**Resource Conservation and Recovery Act (RCRA)–Large Quantity Generator (LQG) and Small Quantity Generator (SQG)**

There are no RCRA LQG/SQG facilities within 0.25-mile of the Site.

**Toxic Substances Control Act (TSCA)**

The EDR database does not indicate any TSCA reports relative to the Site.

**4.2 State Government Records**

**State Hazardous Waste Sites (SHWS)**

There are no NYSDEC-listed Inactive Hazardous Waste Sites located within 1.0 mile of the Site.

**NYS CERCLIS Equivalent Sites (HSWDS)**

There are no NYSDEC-listed Hazardous Substance Waste Disposal Sites within 0.5 mile of the Site.

**Leaking Underground Storage Tank Reports (LST)**

There is one LST report within 0.5 mile of the Site; it is >0.29 mile away from the Site. It is not of environmental concern relative to the Site.

**NYSDEC Spills**

One spill was reported at an upgradient location, within 0.125 mile of the Site. Spill #9614321 occurred approximately 0.09 mile west of the Site. An undetermined amount of kerosene was spilled and cleaned up with sorbents; the spill was closed in 1997. Based on the fact that the spill occurred above ground, and that kerosene is a volatile gas, it is not likely that this spill will impact soil and groundwater at the Site; it is not of environmental concern.

**Solid Waste/Landfills (SWF/LF)**

No solid waste landfills are identified within 0.5 mile of the Site.

**Registered Underground & Aboveground Storage Tanks (UST/ASTs)**

There is one NYSDEC Petroleum Bulk Storage (PBS) registered facility with a UST and an AST within 0.25 mile of the Site. The owners of this site are liable for any spills or releases. The facility does not appear on NYS LST or NY Spills lists. This facility is not of environmental concern relative to the Site.

## **IMPACT OF IDENTIFIED SITES ON THE SUBJECT PROPERTY**

As discussed above, the sites identified within the ASTM-specified search distances do not appear to be of environmental concern relative to the Site.

### **4.3 Additional Environmental Record Sources**

None

### **4.4 Vapor Intrusion**

According to the Town Assessor, an historic gas station was located at 334 Main Street, which is an upgradient property <0.1 mile from the Site.

The ASTM E2600 - 10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions defines the upgradient gas station as a potential vapor intrusion condition (pVIC). However, as discussed below, the proposed building is designed to incorporate a passive sub-slab depressurization system for radon. This will also mitigate any concerns relative to potential vapor intrusion.

### **4.5 Physical Setting Source(s)**

EDR indicates the bedrock underlying the Site is a Middle Devonian stratified sequence and the surficial soils are mapped as cobbly-silt loam. Based on surficial topography, the groundwater flow direction beneath the Site is presumed to be to the north-northwest.

### **4.6 Historical Use Information on the Property and on Adjoining Properties**

Aerial photographs dating back to 1960 indicate that the Site was historically utilized as farmland; adjoining properties were historically utilized as farmland and residential use (Appendix 4).

There is no historical Sanborn Map coverage available for the Site.

### **4.7 FOIL Responses**

The Village of Richmondville indicated that there are no violations, chemical spills or underground tanks, no health or environmental issues or hazardous waste issued on file. The Code Enforcement Officer stated that the property has been used as an agricultural field “as long as anyone can remember,” and is currently used as a corn field (Appendix 5).

## **5.0 SITE RECONNAISSANCE**

Lynn Zicari and Alexa Barber of RE&LS visited the Site on January 24, 2017 (see photographs, Appendix 6).

## **5.1 Methodology and Limiting Conditions**

A visual inspection was performed to identify evidence of RECs as defined by Section 1.1.1 of ASTM E 1527-13. There were no limiting conditions at the time of the Site visit.

## **5.2 General Site Setting**

The Site is located in a rural residential neighborhood. It is situated in a valley with steep hills to the north and south. A portion of Cobleskill Creek and a 100-year flood zone are located on the northeast side of the Site.

## **5.3 Exterior Observations**

### **5.3.1 *Current and past uses likely to indicate or known to have resulted in RECs on the property***

None noted

### **5.3.2 *Geologic, hydro geologic, hydrologic and topographic conditions of the property; and of the surrounding area***

EDR indicates the bedrock underlying the Site is a Middle Devonian stratified sequence and the surficial soils are mapped as cobbly-silt loam. Based on surficial topography, the groundwater flow direction beneath the Site is presumed to be to the north-northwest.

### **5.3.3 *Structures on the property (number, size and age)***

None

### **5.3.4 *Roads on/or adjoining the property***

The Site is on the north side of Davis Lane and East Main Street. NYS Route 88 is adjacent to the north.

### **5.3.5 *Source of potable water on the property***

The Site area is serviced by public water.

### **5.3.6 *Sewage disposal system on the property (type and age)***

The Site area is serviced by public sewers.

**5.3.7** *Based on interior and exterior observations of the structures, current and past uses of the subject property identify general uses and any that may involve hazardous materials or petroleum products. If current uses involve hazardous materials or petroleum products identify the type, quantity and storage conditions of those substances*

N/A

**5.3.8** *All aboveground and underground storage tanks, including contents, capacity and age. Identify visible vent pipes; fill pipes, and access ways*

No evidence of tanks was noted during this site inspection.

**5.3.9** *Sources of any noxious odors, any pools of liquid, and note any standing surface water*

Cobleskill Creek transects the northeast portion of the Site.

**5.3.10** *Pools or any pits, cisterns, cesspools or similar receptacles where liquids drain, collect or are stored (sumps) that are likely to contain hazardous substances or petroleum products*

None

**5.3.11** *Contents of any drums and other containers*

No drums or containers were observed on the Site during this site inspection on January 24, 2017.

**5.3.12** *Electrical or hydraulic equipment likely to contain polychlorinated biphenyls (PCBs)*

No electrical or hydraulic equipment likely to contain PCBs was observed.

**5.3.13** *The type of HVAC system and fuel source*

N/A

**5.3.14** *Any stains or corrosion on floors, walls or ceilings*

N/A

**5.3.15** *All drains and any pits, cisterns, cesspools or similar receptacles where liquids drain, collect or are stored (e.g., sumps)*

None

**5.3.16** *Pits, ponds and lagoons (open pools likely to contain hazardous substance or petroleum products, particularly if used in connection with waste disposal or waste treatment on the property and on adjoining properties)*

None

**5.3.17** *Stained soil or pavement*

No stained soil or pavement was noted during this site inspection on January 24, 2017.

**5.3.18** *Stressed vegetation*

No stressed vegetation was noted during this site inspection on January 24, 2017.

**5.3.19** *Any solid waste disposal on site*

No evidence of waste disposal was noted on the Site during this site inspection on January 24, 2017.

**5.3.20** *Any unnatural fill or grading, particularly fill of unknown origin*

No evidence of unnatural fill or grading, particularly fill of unknown origin was noted on the Site during this site inspection on January 24, 2017.

**5.3.21** *Trash or other evidence of solid waste disposal*

None

**5.3.22** *Any wastewater (including stormwater) discharges into a drain, ditch or stream on the property and on adjacent property*

Based on Site topography, Site stormwater presumably discharges to Cobleskill Creek.

**5.3.23** *Any dry wells, irrigation wells, injection wells, abandoned wells, monitoring wells, supply wells, or other wells*

None

**5.3.24** *Any on-site septic system or cesspool*

None

**5.3.25** *Any areas likely to be considered wetlands and state open waters*

The Site does not encroach on any wetlands. Cobleskill Creek transects the Site. A 100-year flood zone is located on the northeast portion of the Site.

**5.3.26** *The location and condition of suspected asbestos-containing materials (ACM) in the subject building*

N/A

**5.3.27** *The location and condition of suspected lead based paint (LBP) in the subject building*

N/A

**5.4** **Interior Observations**

N/A

**6.0 INTERVIEWS**

**6.1** **Interview with Owner**

Realtor Matthew Loder stated that there are no liens, deed restrictions, or property devaluations due to environmental conditions relative to the Site. He indicated that the land had been purchased within the last few months, but was previously owned by the same owner for more than 20 years. He stated that the Site was historically used as pastureland dating back to the 1940s. The Site owner did not return the questionnaire at the time this report was prepared

**6.2** **Interview with Site Manager**

N/A

**6.3** **Interviews with Occupants**

N/A

#### **6.4 Interviews with Local Government Officials**

Town of Richmondville Assessor Deborah Ker stated that the Site has been used as farmland dating back to 1950.

Ms. Ker's records indicated that an historic gas station was located at 334 Main Street, which is an upgradient property <0.1 mile from the Site.

#### **6.5 Interviews with Others**

None

### **7.0 RADON**

In 2014, New York State Department of Health (NYSDOH) conducted a basement radon survey across New York State. An average level of 4.88 picocuries per liter of radon (pCi/L) was measured in the Village of Richmondville. The United States Environmental Protection Agency (USEPA) has determined an annual average exposure of 4.0 pCi/L as a guidance level for corrective action. However, the proposed building is designed to incorporate a passive sub-slab depressurization system for radon. This will also mitigate any concerns relative to elevated radon levels in the building.

### **8.0 FINDINGS**

The Site is an unimproved vacant, agricultural parcel. It is located in a rural residential neighborhood, and is serviced with public water and sewers.

An historic gas station was identified on an upgradient property within 0.1 mile of the Site.

NYSDOH measured elevated levels of radon in the Town of Richmondville.

### **9.0 OPINION**

No recognized environmental conditions are identified relative to the Site.

The proposed building is designed to incorporate a passive sub-slab depressurization system for radon. This will also mitigate any concerns relative to elevated radon levels in the building.

### **10.0 CONCLUSIONS**

We have performed a Phase I ESA in general accordance with the scope and limitations of ASTM practice E 1527-13 for the Site located on Davis Lane and East Main Street in the Village of Richmondville, New York. **This assessment has revealed no evidence of recognized environmental conditions in connection with the Site.**

## **11.0 RECOMMENDATIONS**

Based on this Phase I ESA, no further investigation or remedial measures are warranted.

## **12.0 DEVIATIONS**

This report is prepared with no significant deviations from ASTM Standard E 1527-13. No title documents were provided for review when this Phase I ESA was prepared. We recommend that an attorney determine that there are no environmental liens or deed restrictions in the Abstract of Title.

## **13.0 DISCLAIMER**

RE&LS represents only that it provides services in accordance with generally accepted practices in the environmental audit field. No other representation, expressed or implied, is included or intended as part of its services, proposals, contracts or reports.

RE&LS cannot provide guarantees, certifications or warranties that the property is or is not free of environmental impairment without a Phase II ESA involving collection and laboratory analysis of environmental samples. Even with such a program, the data and samples from any given soil boring or monitoring well will indicate conditions that apply only at that particular location, and such conditions may not necessarily apply to the general site as a whole.

## **14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

One of the requirements of ASTM E1527-13 is that qualified Environmental Professionals (EP) conduct the Phase I ESA and certify the findings and conclusions, therein. The EP must be knowledgeable, qualified and sufficiently experienced to conduct this type of investigation; certification, licensing, education and/or relevant experience are required.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in EPA 40 CFR Part 312.10.

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 inquiries" in conformance with the standards and practices set forth in EPA 40 CFR Part 312.

## 15.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This Phase I ESA Report is certified to be prepared in general accordance with sound environmental practices and in conformance with the scope and limitations of ASTM Practice E-1527-13.

- The statements of fact contained in the report are true and correct to the best of the consultant's knowledge,
- The consultant has no present or prospective interest in the property that is the subject of the survey and has no interest or bias with regard to the parties involved, and
- The consultant's compensation is not contingent on any action resulting from the analysis, opinions, or conclusions in or use of the survey report.
- For Plan & Cost Review and Site Observation Reports: Based on consultant's review of the plans and specifications, the project budget is sufficient to complete the proposed construction.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter S. Morton". The signature is written in a cursive style with a large, sweeping initial "P".

Peter S. Morton, CPG  
Project Manager

## 17.0 REFERENCES

ASTM International. 2013. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Document Designation E1527-13. West Conshohocken, Pennsylvania.

Cadwell, D.H. [Surficial Geologic Map of New York. Consists of 5 sheets, 1:250,000: Finger Lakes Sheet, 1986; Hudson-Mohawk Sheet, 1987; Niagara Sheet, 1988; Lower Hudson Sheet, 1989; Adirondack Sheet, 1991.](#) Map and Chart Series No. 40. 5 maps: 1:250,000. 1991.

Fisher, D.W., Y.W. Isachsen, and L.V. Rickard. [Geologic Map of New York State, 1970. 1:250,000. Consists of five sheets: Niagara, Finger Lakes, Hudson-Mohawk, Adirondack, and Lower Hudson.](#) Map and Chart Series No. 15. Five geologic bedrock maps: 1:250,000. 1970.

NYSDOH. Measured Basement Screening Radon Levels by Town. 2014.

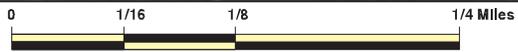
# **APPENDIX 1**

## **MAPS**

# DETAIL MAP - 4827380.2S



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



-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

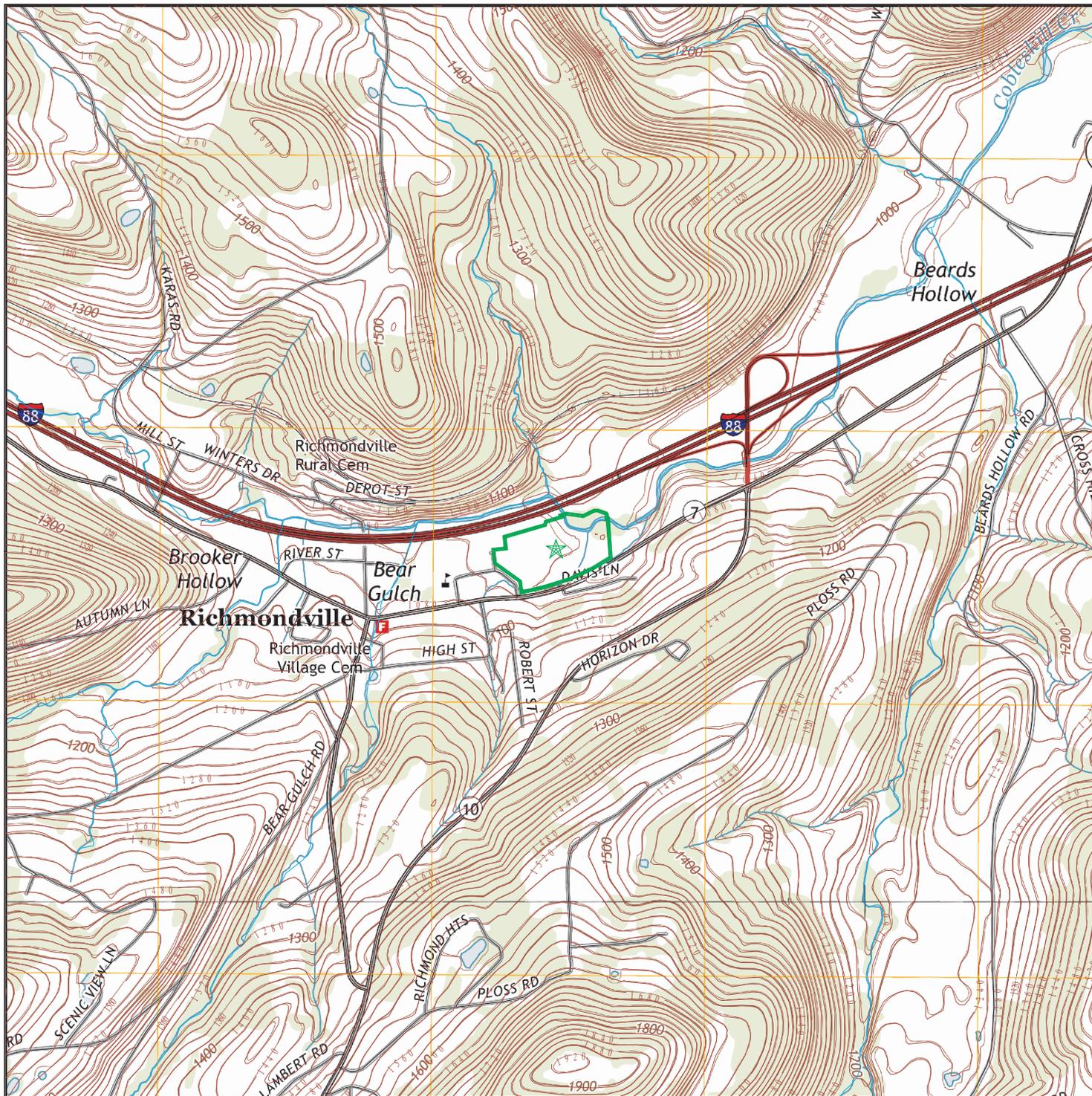


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

# OVERVIEW MAP - 4827380.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

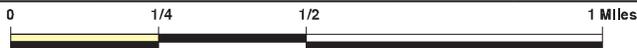
Power transmission lines

100-year flood zone

500-year flood zone

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: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:56 am

## **APPENDIX 2**

### **ENVIRONMENTAL QUESTIONNAIRE**

**THE COMPLETED QUESTIONNAIRE HAD NOT  
BEEN RECEIVED AT THE TIME THIS PHASE IESA  
WAS PREPARED**

# **APPENDIX 3**

## **EDR RADIUS MAP REPORT**

**Davis Ln & East Main St, Richmondville**

Tax No. 78.19-3-1.1

Richmondville, NY 12149

Inquiry Number: 4827380.2s

January 13, 2017

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Physical Setting Source Addendum .....	A-1
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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

TAX NO. 78.19-3-1.1  
RICHMONDVILLE, NY 12149

#### COORDINATES

Latitude (North): 42.6366150 - 42° 38' 11.81"  
Longitude (West): 74.5554200 - 74° 33' 19.51"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 536450.9  
UTM Y (Meters): 4720344.0  
Elevation: 1042 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5939985 RICHMONDVILLE, NY  
Version Date: 2013  
  
South Map: 5939531 SUMMIT, NY  
Version Date: 2013

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150607  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 TAX NO. 78.19-3-1.1  
 RICHMONDVILLE, NY 12149

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	COBLESKILL CREEK	COBLESKILL CREEK BY	FINDS	Lower	1 ft.
<a href="#">2</a>	MAIN ST @ MORGAN ODO	MAIN ST @ MORGAN	NY Spills	Higher	468, 0.089, WSW
<a href="#">A3</a>	JOSEPH B. RADEZ ELEM	319 MAIN STREET	AST	Higher	667, 0.126, WSW
<a href="#">A4</a>	JOSEPH B. RADEZ ELEM	319 MAIN STREET	UST	Higher	667, 0.126, WSW
<a href="#">5</a>	O'ROURKE RES RIVER S	3 RIVER ST	LTANKS	Higher	1555, 0.295, West

# 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

### ***Federal NPL site list***

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

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

### ***Federal CERCLIS NFRAP site list***

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

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent CERCLIS**

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

VAPOR REOPENED..... Vapor Intrusion Legacy Site List

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Facility Register

### **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

HIST LTANKS..... Listing of Leaking Storage Tanks

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

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

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

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Agreements

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Site List

ERP..... Environmental Restoration Program Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY..... Registered Recycling Facility List

## EXECUTIVE SUMMARY

SWTIRE.....	Registered Waste Tire Storage & 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 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
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

## EXECUTIVE SUMMARY

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
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket 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
MANIFEST.....	Facility and Manifest Data
SPDES.....	State Pollutant Discharge Elimination System
UIC.....	Underground Injection Control Wells
ECHO.....	Enforcement & Compliance History Information
ABANDONED MINES.....	Abandoned Mines
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry 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 identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***State and tribal leaking storage tank lists***

LTANKS: 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

A review of the LTANKS list, as provided by EDR, and dated 11/14/2016 has revealed that there is 1 LTANKS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
O'ROURKE RES RIVER S Spill Number/Closed Date: 9409217 / 1994-10-21 Site ID: 251895 Program Number: 9409217	3 RIVER ST	W 1/4 - 1/2 (0.295 mi.)	5	17

### ***State and tribal registered storage tank lists***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOSEPH B. RADEZ ELEM Database: UST, Date of Government Version: 09/27/2016	319 MAIN STREET	WSW 1/8 - 1/4 (0.126 mi.)	A4	12

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOSEPH B. RADEZ ELEM Database: AST, Date of Government Version: 09/27/2016 Facility Id: 4-026956	319 MAIN STREET	WSW 1/8 - 1/4 (0.126 mi.)	A3	9

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Records of Emergency Release Reports***

NY Spills: Data collected on spills reported to NYSDEC. is 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.

A review of the NY Spills list, as provided by EDR, and dated 11/14/2016 has revealed that there is 1 NY Spills site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAIN ST @ MORGAN ODO Spill Number/Closed Date: 9614321 / 1997-03-12 spillno: 9614321 Site ID: 214352	MAIN ST @ MORGAN	WSW 0 - 1/8 (0.089 mi.)	2	8

#### ***Other Ascertainable Records***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

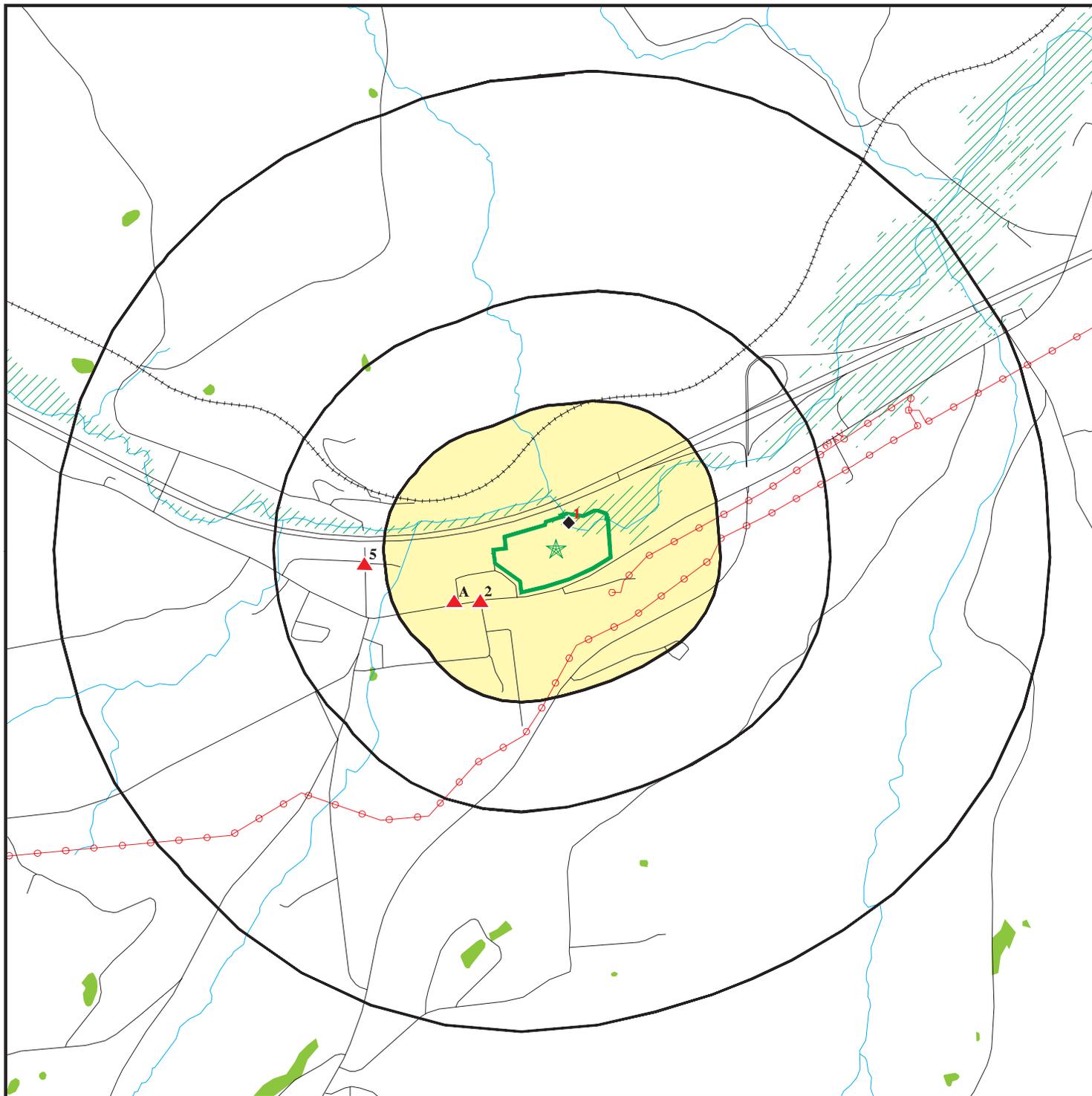
A review of the FINDS list, as provided by EDR, and dated 07/15/2016 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COBLESKILL CREEK	COBLESKILL CREEK BY	0 - 1/8 (0.000 mi.)	1	8

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 4827380.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

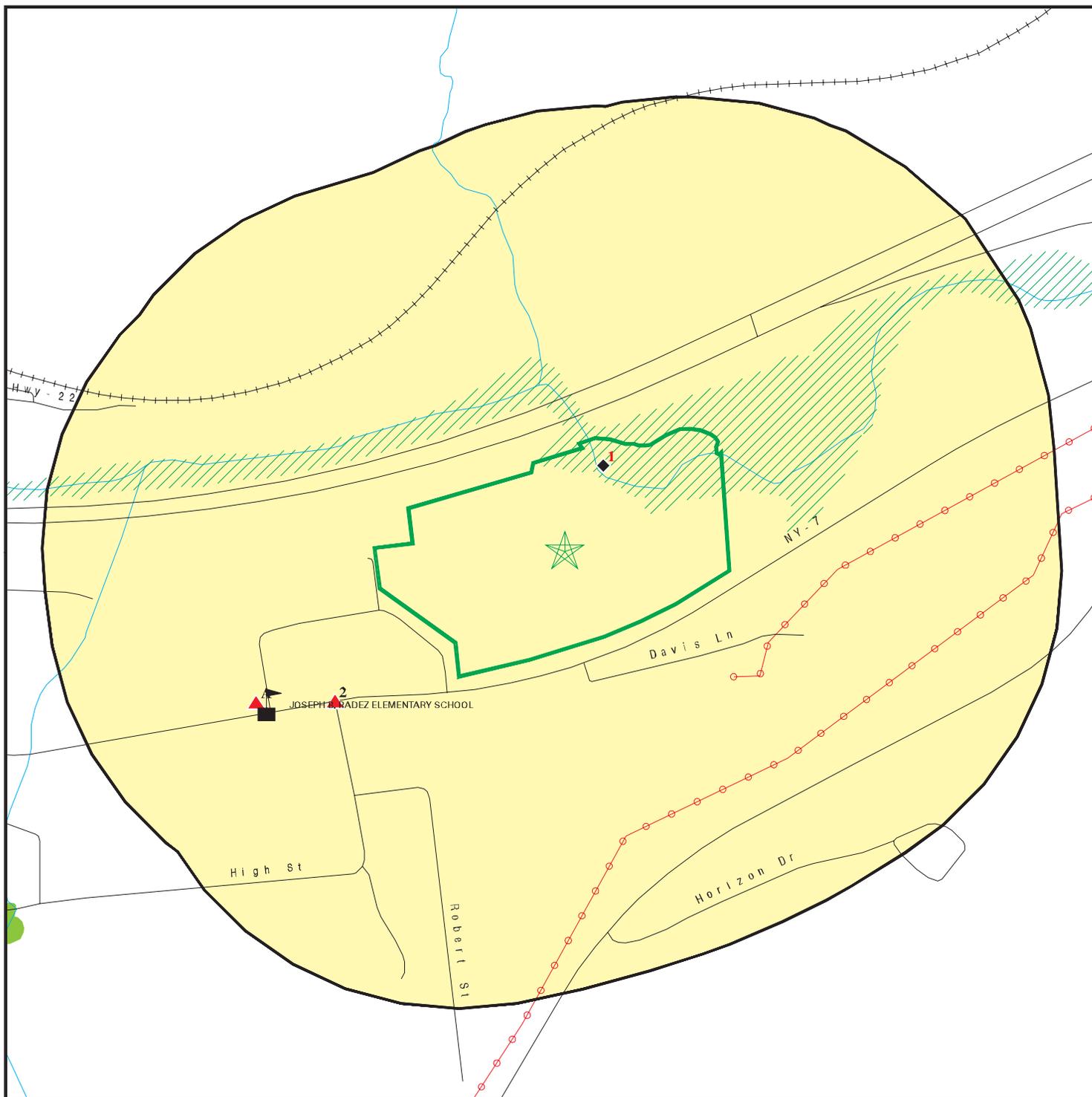


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:56 am

# DETAIL MAP - 4827380.2S



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

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  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: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
LTANKS	0.500		0	0	1	NR	NR	1
HIST LTANKS	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
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
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	1	NR	NR	NR	1
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
<b><i>State and tribal institutional control / engineering control registries</i></b>								
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
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ERP	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	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
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
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	0.001		0	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125		1	NR	NR	NR	NR	1
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
<b>Other Ascertainable Records</b>								
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	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
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
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
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	2	1	0	0	5

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**1**            **COBLESKILL CREEK**  
**COBLESKILL CREEK BY I88**  
**< 1/8**        **RICHMONDVILLE, NY 12149**  
**1 ft.**

**FINDS**    **1016042800**  
**N/A**

**FINDS:**

**Relative:**  
**Lower**

Registry ID:                    110046488458

**Actual:**  
**1027 ft.**

Environmental Interest/Information System  
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**2**            **MAIN ST @ MORGAN ODOR**  
**WSW**        **MAIN ST @ MORGAN**  
**< 1/8**        **RICHMONDVILLE, NY**  
**0.089 mi.**  
**468 ft.**

**NY Spills**    **S102559538**  
**N/A**

**SPILLS:**

**Relative:**  
**Higher**

Facility ID:                    9614321  
Facility Type:                    ER  
DER Facility ID:                    177600  
Site ID:                            214352  
DEC Region:                        4  
Spill Date:                        1997-03-10  
Spill Number/Closed Date:        9614321 / 1997-03-12  
Spill Cause:                        Unknown  
Spill Class:                        Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**SWIS:**                            4840  
Investigator:                        TDLANE  
Referred To:                        Not reported  
Reported to Dept:                    1997-03-10  
CID:                                282  
Water Affected:                        Not reported  
Spill Source:                        Unknown  
Spill Notifier:                        Police Department  
Cleanup Ceased:                        Not reported  
Cleanup Meets Std:                    True  
Last Inspection:                        Not reported  
Recommended Penalty:                False  
UST Trust:                            False  
Remediation Phase:                    0  
Date Entered In Computer:            1997-03-10  
Spill Record Last Update:            1997-07-02  
Spiller Name:                        Not reported  
Spiller Company:                        UNKNOWN ODOR  
Spiller Address:                        Not reported  
Spiller City,St,Zip:                    NY  
Spiller Company:                        999  
Contact Name:                        TROOPER CIOFFI  
Contact Phone:                        (518) 234-3131  
DEC Memo:                            "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was LANE MSF NOTIFIED LANE. VALVE OPENED ON Kero, RELEASE REACHED STREAM, CLEANED W/SORBENTS. "  
  
Remarks:                            "THEY CAN SNEEL A STRONG SMELL OF OIL IN THE AIR.UNKNOWN WHERE IT IS COMING FROM.THE TROOPER CHECKED THE AREA ALSO "

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN ST @ MORGAN ODOR (Continued)**

**S102559538**

Material:

Site ID: 214352  
Operable Unit ID: 1045751  
Operable Unit: 01  
Material ID: 339426  
Material Code: 0066A  
Material Name: unknown petroleum  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:

**A3**  
**WSW**  
**1/8-1/4**  
**0.126 mi.**  
**667 ft.**

**JOSEPH B. RADEZ ELEMENTARY**  
**319 MAIN STREET**  
**RICHMONDVILLE, NY 12149**

**AST U003075951**  
**N/A**

**Site 1 of 2 in cluster A**

**Relative:**  
**Higher**

AST:

Region: STATE  
DEC Region: 4  
Site Status: Active  
Facility Id: 4-026956  
Program Type: PBS  
UTM X: 536052.10026  
UTM Y: 4720432.33250  
Expiration Date: 09/19/2021  
Site Type: School

**Actual:**  
**1080 ft.**

Affiliation Records:

Site Id: 35027  
Affiliation Type: On-Site Operator  
Company Name: JOSEPH B. RADEZ ELEMENTARY  
Contact Type: Not reported  
Contact Name: COBLESKILL-RICHMONDVILLE CSD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NY  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Mail Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U003075951**

Contact Name: WILLIAM HIMME  
Address1: DISTRICT OFFICE, WASHINGTON HEIGHTS  
Address2: WILLIAM H. GOLDING MIDDLE SCHOOL  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: HIMMEB@CRCS.K12.NY.US  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Site Id: 35027  
Affiliation Type: Emergency Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Facility Owner  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: DIRECTOR OF FACILITIES  
Contact Name: WILLIAM HIMME  
Address1: WASHINGTON HEIGHTS  
Address2: Not reported  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Tank Info:

Tank Number: 7  
Tank Id: 84996  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U003075951**

F00 - Pipe External Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
C01 - Pipe Location - Aboveground  
D02 - Pipe Type - Galvanized Steel

Tank Location: 1  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: 12/01/1985  
Capacity Gallons: 1000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 11/05/2008  
Register: True  
Modified By: DRLIGHTS  
Last Modified: 12/01/2008  
Material Name: Not reported

Tank Number: 9  
Tank Id: 226373  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
G03 - Tank Secondary Containment - Vault (w/o access)  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
K01 - Spill Prevention - Catch Basin  
B01 - Tank External Protection - Painted/Asphalt Coating  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
A00 - Tank Internal Protection - None  
I02 - Overfill - High Level Alarm  
L00 - Piping Leak Detection - None  
C01 - Pipe Location - Aboveground  
J01 - Dispenser - Pressurized Dispenser

Tank Location: 2  
Tank Type: Steel Tank in Concrete  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 11/05/2008  
Capacity Gallons: 1000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TDLANE  
Last Modified: 09/14/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U003075951**

Material Name: Not reported

**A4**  
**WSW**  
**1/8-1/4**  
**0.126 mi.**  
**667 ft.**

**JOSEPH B. RADEZ ELEMENTARY**  
**319 MAIN STREET**  
**RICHMONDVILLE, NY 12149**

**UST** **U004063266**  
**N/A**

**Site 2 of 2 in cluster A**

**Relative:**  
**Higher**

UST:  
Id/Status: 4-026956 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: 09/19/2021  
UTM X: 536052.10026  
UTM Y: 4720432.33250  
Site Type: School

**Actual:**  
**1080 ft.**

**Affiliation Records:**

Site Id: 35027  
Affiliation Type: On-Site Operator  
Company Name: JOSEPH B. RADEZ ELEMENTARY  
Contact Type: Not reported  
Contact Name: COBLESKILL-RICHMONDVILLE CSD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NY  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Mail Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME  
Address1: DISTRICT OFFICE, WASHINGTON HEIGHTS  
Address2: WILLIAM H. GOLDING MIDDLE SCHOOL  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: HIMMEB@CRCS.K12.NY.US  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Site Id: 35027  
Affiliation Type: Emergency Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U004063266**

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Facility Owner  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: DIRECTOR OF FACILITIES  
Contact Name: WILLIAM HIMME  
Address1: WASHINGTON HEIGHTS  
Address2: Not reported  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Tank Info:

Tank Number: 1  
Tank ID: 84990  
Tank Status: Closed Prior to Micro Conversion, 03/91  
Material Name: Closed Prior to Micro Conversion, 03/91  
Capacity Gallons: 12000  
Install Date: 12/01/1955  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U004063266**

D00 - Pipe Type - No Piping  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G99 - Tank Secondary Containment - Other

Tank Number: 2  
Tank ID: 84991  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1955  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None  
C00 - Pipe Location - No Piping  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None

Tank Number: 3  
Tank ID: 84992  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 12/01/1967  
Date Tank Closed: 07/01/1998  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0008  
Common Name of Substance: Diesel

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U004063266**

Equipment Records:

H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None

Tank Number: 4  
Tank ID: 84993  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 275  
Install Date: 12/01/1953  
Date Tank Closed: 07/01/2003  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TDLANE  
Last Modified: 11/08/2011

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number: 5  
Tank ID: 84994  
Tank Status: Closed Prior to Micro Conversion, 03/91  
Material Name: Closed Prior to Micro Conversion, 03/91  
Capacity Gallons: 2000  
Install Date: 12/01/1955  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U004063266**

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
D02 - Pipe Type - Galvanized Steel

Tank Number: 6  
Tank ID: 84995  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 12/01/1976  
Date Tank Closed: 07/01/1998  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
H00 - Tank Leak Detection - None

Tank Number: 8  
Tank ID: 84997  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 8000  
Install Date: 01/01/1989  
Date Tank Closed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH B. RADEZ ELEMENTARY (Continued)**

**U004063266**

Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TDLANE  
Last Modified: 09/14/2016

Equipment Records:

F06 - Pipe External Protection - Wrapped  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
E00 - Piping Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
I01 - Overfill - Float Vent Valve  
L09 - Piping Leak Detection - Exempt Suction Piping  
B02 - Tank External Protection - Original Sacrificial Anode

5  
West  
1/4-1/2  
0.295 mi.  
1555 ft.

O'ROURKE RES RIVER ST  
3 RIVER ST  
RICHMONDVILLE, NY

LTANKS S101340546  
N/A

Relative:  
Higher

LTANKS:

Actual:  
1072 ft.

Site ID: 251895  
Spill Number/Closed Date: 9409217 / 1994-10-21  
Spill Date: 1994-10-11  
Spill Cause: Tank Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 1994-10-11  
Cleanup Meets Standard: True  
SWIS: 4840  
Investigator: TDLANE  
Referred To: Not reported  
Reported to Dept: 1994-10-11  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1994-10-21  
Spill Record Last Update: 2002-03-28  
Spiller Name: Not reported  
Spiller Company: WILLIAM P. O'ROURKE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O'ROURKE RES RIVER ST (Continued)**

**S101340546**

Spiller Address: Not reported  
Spiller City,St,Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extention: Not reported  
DEC Region: 4  
DER Facility ID: 206408  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
LANE "  
Remarks: "275 AGT IN SHED LEAKED ON CONCRETE, SM AMT, USED PADS.  
11/4,8:00-TANK DRIPPING SLIGHTLY, ALMOST EMPTY, WILL USE UP."

Material:  
Site ID: 251895  
Operable Unit ID: 1003188  
Operable Unit: 01  
Material ID: 378640  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:

Count: 0 records.

ORPHAN SUMMARY

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### 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: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
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: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	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.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

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: 08/05/2016	Source: EPA
Date Data Arrived at EDR: 10/05/2016	Telephone: N/A
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/12/2016	Source: EPA
Date Data Arrived at EDR: 09/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### ***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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	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: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

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: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/29/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

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

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### **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: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Annually

### **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: 06/01/2016  
Date Data Arrived at EDR: 08/19/2016  
Date Made Active in Reports: 01/05/2017  
Number of Days to Update: 139

Source: Department of Environmental Conservation  
Telephone: 518-402-9814  
Last EDR Contact: 11/18/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## ***State and tribal landfill and/or solid waste disposal site lists***

### **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: 10/04/2016  
Date Data Arrived at EDR: 10/06/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 90

Source: Department of Environmental Conservation  
Telephone: 518-457-2051  
Last EDR Contact: 01/03/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Semi-Annually

## ***State and tribal leaking storage tank lists***

### **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: 02/17/2016  
Date Data Arrived at EDR: 04/27/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 37

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 02/06/2017
	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: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

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: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/14/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/16/2016	Telephone: 518-402-9549
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 11/16/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

## 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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/23/2017
	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: 09/27/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/28/2016	Telephone: 518-402-9549
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 04/10/2017
	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	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	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	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 98

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## 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: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 100

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 97

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
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 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: 02/05/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 35

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

## 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: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

## 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: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	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: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

## 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: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## 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: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

## 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: 09/27/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/28/2016	Telephone: 518-402-9543
Date Made Active in Reports: 01/05/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 99	Next Scheduled EDR Contact: 04/10/2017
	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: 06/29/2016	Source: New York City Department of City Planning
Date Data Arrived at EDR: 09/22/2016	Telephone: 212-720-3300
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 12/20/2016
Number of Days to Update: 104	Next Scheduled EDR Contact: 04/03/2017
	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: 11/18/2010	Source: NYC Department of City Planning
Date Data Arrived at EDR: 06/30/2014	Telephone: 212-720-3401
Date Made Active in Reports: 07/21/2014	Last EDR Contact: 12/23/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Varies

### ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/14/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/16/2016	Telephone: 518-402-9553
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 11/16/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

### INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9553  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008  
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: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### 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.

Date of Government Version: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/05/2017  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 518-402-9711  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Semi-Annually

### 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: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## ***State and tribal Brownfields 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: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9764  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
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: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
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: 09/20/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/21/2016	Telephone: 202-566-2777
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 12/20/2016
Number of Days to Update: 51	Next Scheduled EDR Contact: 04/03/2017
	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: 10/04/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/06/2016	Telephone: 518-402-8705
Date Made Active in Reports: 01/05/2017	Last EDR Contact: 01/03/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Semi-Annually

#### SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/15/2006	Telephone: 518-402-8694
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 12/12/2016
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Annually

#### 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: 10/31/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/24/2016
Number of Days to Update: 137	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: No Update Planned

#### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 11/04/2016  
Next Scheduled EDR Contact: 02/13/2017  
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: 08/31/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/31/2016  
Next Scheduled EDR Contact: 10/10/2016  
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: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9622  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Annually

### US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
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: 11/08/2016  
Date Data Arrived at EDR: 11/10/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 57

Source: Office of the State Comptroller  
Telephone: 518-474-9034  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

### 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: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: Varies

## 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: 06/27/2016  
Date Data Arrived at EDR: 06/28/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 87

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

### 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: 11/14/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 518-402-9549  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
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: 09/12/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 100

Source: Environmental Protection Agency  
Telephone: (212) 637-3660  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

### 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: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 12/08/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 10/14/2016  
Next Scheduled EDR Contact: 01/23/2017  
Data Release Frequency: Semi-Annually

## 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: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/17/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/28/2016
	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: 07/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2016	Telephone: 202-566-1917
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/16/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/27/2017
	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: 11/08/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 11/11/2016
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/20/2017
	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: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 12/23/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2017
	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: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 11/22/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 03/06/2017
	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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/24/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/06/2017
	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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/20/2017
	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: 08/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2016	Telephone: 202-564-8600
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 11/18/2016
Number of Days to Update: 81	Next Scheduled EDR Contact: 02/06/2017
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	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: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	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: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/24/2017
	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  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 11/17/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 11/17/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

### 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: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 11/07/2016  
Next Scheduled EDR Contact: 02/20/2017  
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: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
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: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
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: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 10/28/2016  
Next Scheduled EDR Contact: 02/06/2017  
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: 10/03/2016  
Date Data Arrived at EDR: 10/05/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/06/2017  
Next Scheduled EDR Contact: 04/17/2017  
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: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## 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: 03/31/2016  
Date Data Arrived at EDR: 08/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/10/2017  
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: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/23/2016  
Next Scheduled EDR Contact: 03/06/2017  
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	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/14/2016
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/21/2016	Source: Department of Energy
Date Data Arrived at EDR: 07/26/2016	Telephone: 202-586-3559
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 11/08/2016
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/20/2017
	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: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 09/09/2016
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/07/2016	Telephone: 703-603-8787
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 148	Next Scheduled EDR Contact: 04/17/2017
	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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016  
Date Data Arrived at EDR: 07/25/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/01/2016  
Next Scheduled EDR Contact: 03/13/2017  
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: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/13/2017  
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: 12/02/2016  
Next Scheduled EDR Contact: 03/13/2017  
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: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (212) 637-3000  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 11/28/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 12/05/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Varies

## AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 11/09/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/18/2016	Telephone: 518-402-8452
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 10/24/2016
Number of Days to Update: 47	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 10/04/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/06/2016	Telephone: 518-402-8660
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 01/03/2017
Number of Days to Update: 90	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

## DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/31/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/13/2016	Telephone: 518-402-8403
Date Made Active in Reports: 09/08/2016	Last EDR Contact: 12/12/2016
Number of Days to Update: 57	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

## 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.

Date of Government Version: 06/16/2016	Source: New York City Department of City Planning
Date Data Arrived at EDR: 06/24/2016	Telephone: 718-595-6658
Date Made Active in Reports: 09/08/2016	Last EDR Contact: 12/20/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/03/2016  
Date Data Arrived at EDR: 10/04/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 92

Source: Department of Environmental Conservation  
Telephone: 518-402-8660  
Last EDR Contact: 01/03/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Quarterly

## Financial 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: 12/01/2015  
Date Data Arrived at EDR: 12/29/2015  
Date Made Active in Reports: 02/11/2016  
Number of Days to Update: 44

Source: Department of Environmental Conservation  
Telephone: 518-402-8712  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 02/27/2017  
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

## 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: 10/01/2016  
Date Data Arrived at EDR: 11/02/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 63

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/02/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Annually

## 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: 09/30/2016  
Date Data Arrived at EDR: 10/11/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 87

Source: Department of Environmental Conservation  
Telephone: 518-402-8233  
Last EDR Contact: 10/07/2016  
Next Scheduled EDR Contact: 02/06/2017  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 01/05/2017  
Number of Days to Update: 119

Source: Department of Environmental Conservation  
Telephone: 518-402-8056  
Last EDR Contact: 12/08/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/18/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
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.

Date of Government Version: 08/22/2016  
Date Data Arrived at EDR: 08/23/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 59

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## 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 Historic Gas Stations

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

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

## EDR Hist Cleaner: EDR Exclusive Historic Dry 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR 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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### CORTLAND COUNTY:

#### Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 07/29/2016	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/23/2016	Telephone: 607-753-5035
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 10/31/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

#### Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 07/29/2016	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/23/2016	Telephone: 607-753-5035
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 10/31/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Quarterly

### NASSAU COUNTY:

#### Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 04/22/2016	Source: Nassau County Health Department
Date Data Arrived at EDR: 04/26/2016	Telephone: 516-571-3314
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 01/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: No Update Planned

#### 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: 10/31/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

#### Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 04/22/2016	Source: Nassau County Department of Health
Date Data Arrived at EDR: 04/26/2016	Telephone: 516-227-9691
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 01/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

#### Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 04/22/2016	Source: Nassau County Health Department
Date Data Arrived at EDR: 04/26/2016	Telephone: 516-571-3314
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 01/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Storage Tank Database

A listing of underground 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: 10/31/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

## ROCKLAND COUNTY:

### Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 09/22/2016	Source: Rockland County Health Department
Date Data Arrived at EDR: 09/23/2016	Telephone: 914-364-2605
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 12/05/2016
Number of Days to Update: 102	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

### Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 09/22/2016	Source: Rockland County Health Department
Date Data Arrived at EDR: 09/23/2016	Telephone: 914-364-2605
Date Made Active in Reports: 01/03/2017	Last EDR Contact: 12/05/2016
Number of Days to Update: 102	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

## SUFFOLK COUNTY:

### Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 03/10/2015	Telephone: 631-854-2521
Date Made Active in Reports: 03/23/2015	Last EDR Contact: 10/31/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: No Update Planned

### Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015	Source: Suffolk County Department of Health Services
Date Data Arrived at EDR: 03/10/2015	Telephone: 631-854-2521
Date Made Active in Reports: 03/23/2015	Last EDR Contact: 10/31/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: No Update Planned

## WESTCHESTER COUNTY:

### Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/19/2016	Source: Westchester County Department of Health
Date Data Arrived at EDR: 02/24/2016	Telephone: 914-813-5161
Date Made Active in Reports: 03/22/2016	Last EDR Contact: 10/07/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/19/2016  
Date Data Arrived at EDR: 02/24/2016  
Date Made Active in Reports: 03/22/2016  
Number of Days to Update: 27

Source: Westchester County Department of Health  
Telephone: 914-813-5161  
Last EDR Contact: 10/07/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 01/06/2017  
Number of Days to Update: 49

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/17/2016  
Next Scheduled EDR Contact: 01/30/2017  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015

Date Data Arrived at EDR: 04/14/2016

Date Made Active in Reports: 06/03/2016

Number of Days to Update: 50

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/12/2016

Next Scheduled EDR Contact: 03/27/2017

Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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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.

### 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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

State Wetlands Data: 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

DAVIS LN & EAST MAIN ST, RICHMONDVILLE  
TAX NO. 78.19-3-1.1  
RICHMONDVILLE, NY 12149

### TARGET PROPERTY COORDINATES

Latitude (North):	42.636615 - 42° 38' 11.81"
Longitude (West):	74.55542 - 74° 33' 19.51"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	536450.9
UTM Y (Meters):	4720344.0
Elevation:	1042 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5939985 RICHMONDVILLE, NY
Version Date:	2013
South Map:	5939531 SUMMIT, NY
Version Date:	2013

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

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

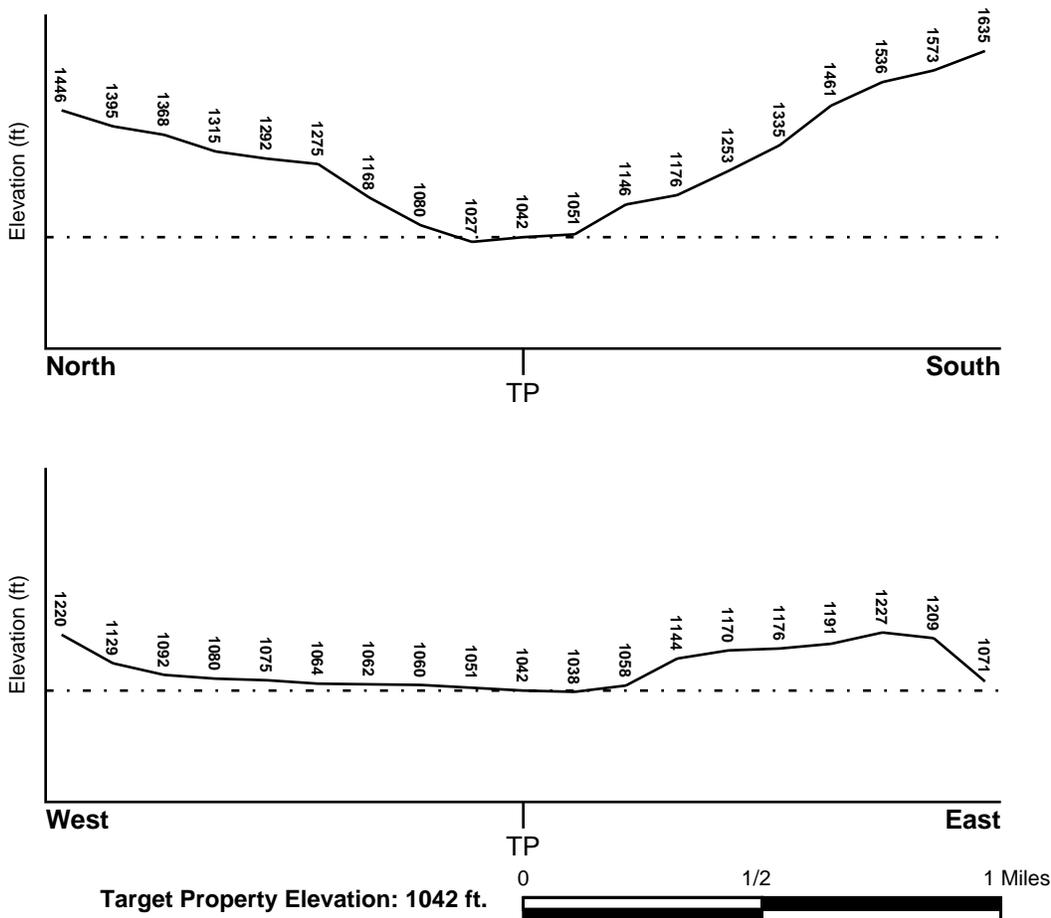
## TOPOGRAPHIC INFORMATION

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 NNW

## 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>
36095C0143F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
36095C0140F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	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 FROM TP</u>	<u>GENERAL DIRECTION 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: D2 (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

### 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: TUNKHANNOCK

Soil Surface Texture: cobbly - silt loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	cobbly - silt loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 3.60
2	8 inches	30 inches	gravelly - silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 3.60
3	30 inches	65 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 2.00	Max: 6.00 Min: 3.60

### 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: gravelly - silt loam  
silt loam  
very stony - silt loam  
extremely gravelly - sand loam

Surficial Soil Types: gravelly - silt loam  
silt loam  
very stony - silt loam  
extremely gravelly - sand loam

Shallow Soil Types: loam

Deeper Soil Types: loamy sand  
fine sandy loam  
stratified  
very gravelly - sand  
very gravelly - fine sandy loam  
gravelly - loam  
loam  
very gravelly - coarse sandy loam  
channery - loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

extremely gravelly - sand  
gravelly - loamy 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.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000859564	1/4 - 1/2 Mile West
2	USGS40000859904	1/2 - 1 Mile NW
6	USGS40000859657	1/2 - 1 Mile East

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

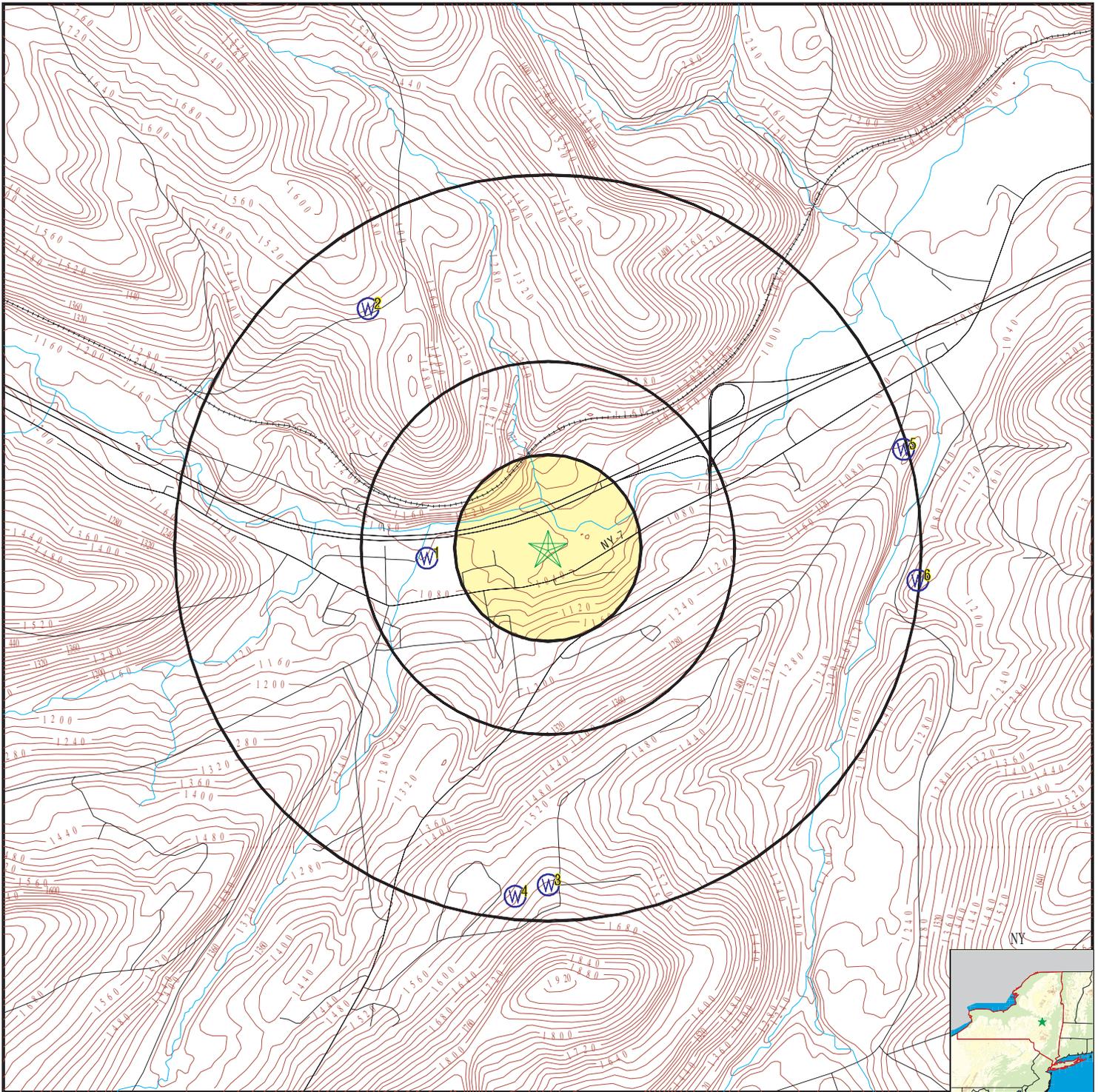
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

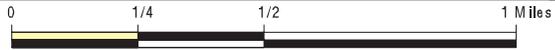
## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	NYWS10000013713	1/2 - 1 Mile South
4	NYWS10000013707	1/2 - 1 Mile South
5	NYWS10000013715	1/2 - 1 Mile ENE

# PHYSICAL SETTING SOURCE MAP - 4827380.2s



- 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: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**West**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000859564**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-423803074335201		
Monloc name:	SO 814		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020005	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.6362222
Longitude:	-74.5617778	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Sand and Gravel		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000859904**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-423845074335501		
Monloc name:	SO 135		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020005	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.6459088
Longitude:	-74.5648654	Sourcemap scale:	31680
Horiz Acc measure:	10	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1040.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Devonian, Upper		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	88
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**3**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**NY WELLS      NYWS10000013713**

Fid:	13713
County:	SCHOHARIE
Town:	Richmondville
Dec well n:	SO805
Foil loc:	PLOSS RD
Latitude:	42 37 24.7
Longitude:	74 33 19.4
Well depth:	190
Rock depth:	2
Gw depth:	81
Cased dept:	18
Scr:	N
Yt avgdisc:	7
Regnumber:	NYRD10032
Ddlat:	42.623528
Ddlong:	-74.555389
Site id:	NYWS10000013713

**4**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**NY WELLS      NYWS10000013707**

Fid:	13707
County:	SCHOHARIE
Town:	Richmondville
Dec well n:	SO1055
Foil loc:	RICHMOND HEIGHTS
Latitude:	42 37 23.1
Longitude:	74 33 25.7
Well depth:	150
Rock depth:	6
Gw depth:	40
Cased dept:	20
Scr:	N
Yt avgdisc:	4.5
Regnumber:	NYRD10619
Ddlat:	42.623083
Ddlong:	-74.557139
Site id:	NYWS10000013707

**5**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**NY WELLS      NYWS10000013715**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Fid: 13715  
 County: SCHOHARIE  
 Town: Richmondville  
 Dec well n: SO831  
 Foil loc: PLOSS RD  
 Latitude: 42 38 25.6  
 Longitude: 74 32 12.2  
 Well depth: 178  
 Rock depth: Not Reported  
 Gw depth: Not Reported  
 Cased dept: 98  
 Scr: N  
 Yt avgdisc: 12  
 Regnumber: NYRD10020  
 Ddlat: 42.640444  
 Ddlong: -74.536722  
 Site id: NYWS10000013715

**6**  
**East**  
**1/2 - 1 Mile**  
**Higher**

FED USGS

USGS40000859657

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-423807074321101		
Monloc name:	SO 143		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020005	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.6353533
Longitude:	-74.5359759	Sourcemap scale:	31680
Horiz Acc measure:	10	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1080.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Sand		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	140
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

# 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
SCHOHARIE	BLENHEIM	4	5.55	3.61	11.9
SCHOHARIE	CARLISLE	4	1.9	1.77	2.6
SCHOHARIE	COBLESKILL	67	5.97	3.3	89.2
SCHOHARIE	ESPERANCE	19	2.97	1.88	7.5
SCHOHARIE	FULTON	31	6.78	4.27	30.3
SCHOHARIE	GILBOA	11	3.3	1.96	13.5
SCHOHARIE	JEFFERSON	21	7.08	3.63	69.1
SCHOHARIE	MIDDLEBURG	44	7.71	3.82	43.4
SCHOHARIE	RICHMONDVILLE	16	4.88	3.28	21.4
SCHOHARIE	SCHOHARIE	50	7.4	3.69	53.8
SCHOHARIE	SEWARD	15	4.19	2.16	28.1
SCHOHARIE	SHARON	10	2.43	1.99	7.2
SCHOHARIE	SUMMIT	6	1.68	1.18	3.8
SCHOHARIE	WRIGHT	10	6.09	2.49	39.1

Federal EPA Radon Zone for SCHOHARIE 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.

Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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

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

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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# **APPENDIX 4**

## **HISTORICAL RESEARCH DOCUMENTATION**

Davis Ln & East Main St, Richmondville

Tax No. 78.19-3-1.1

Richmondville, NY 12149

Inquiry Number: 4827380.5

January 13, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

**Site Name:**

Davis Ln & East Main St, Richr  
 Tax No. 78.19-3-1.1  
 Richmondville, NY 12149  
 EDR Inquiry # 4827380.5

**Client Name:**

Ravi Engineering & Land Surveying, P.C  
 2110 South Clinton Ave  
 Rochester, NY 14618  
 Contact: Alexa Barber



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

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Acquisition Date: April 30, 1997	USGS/DOQQ
1988	1"=750'	Flight Date: May 07, 1988	USGS
1985	1"=500'	Flight Date: April 29, 1985	USGS
1960	1"=750'	Flight Date: May 03, 1960	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 #: 4827380.5

YEAR: 2011

— = 500'





INQUIRY #: 4827380.5

YEAR: 2009

— = 500'





INQUIRY #: 4827380.5

YEAR: 2008

— = 500'





INQUIRY #: 4827380.5

YEAR: 2006

— = 500'





INQUIRY #: 4827380.5

YEAR: 1997

— = 500'





INQUIRY #: 4827380.5

YEAR: 1988

— = 750'





INQUIRY #: 4827380.5

YEAR: 1985

— = 500'





INQUIRY #: 4827380.5

YEAR: 1960

— = 750'



Davis Ln & East Main St, Richmondville

Tax No. 78.19-3-1.1

Richmondville, NY 12149

Inquiry Number: 4827380.3

January 13, 2017

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

01/13/17

**Site Name:**

Davis Ln & East Main St, Richr  
Tax No. 78.19-3-1.1  
Richmondville, NY 12149  
EDR Inquiry # 4827380.3

**Client Name:**

Ravi Engineering & Land Surveying, P.C.  
2110 South Clinton Ave  
Rochester, NY 14618  
Contact: Alexa Barber



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ravi Engineering & Land Surveying, P.C. 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](http://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 #** 33AA-4D60-A0AC  
**PO #** 45-17-007-0A  
**Project** Davis Ln & East Main St



Sanborn® Library search results

Certification #: 33AA-4D60-A0AC

### UNMAPPED PROPERTY

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

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

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

*The Sanborn Library LLC Since 1866™*

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# **APPENDIX 5**

## **FOIL REQUESTS AND RESPONSES**

**To:** Maggie A. Smith **Date:** 01-13-2017  
Fax: 518-294-7150  
Phone: 518-294-7363

**Organization:** Town of Richmondville **Project No.:** 45-17-007-0A

**From:** Alexa Barber  
**E-Mail:** abarber@ravieng.com  
**Phone:** (585) 697-2593  
**Fax:** (585) 697-1764

**Re:** F.O.I.L Request

SUBJECT SITE:

**Tax No. 78.19-3-1.1**  
**Richmondville, New York**

**OWNER(S):** (current owner, former owner, current use of property, former use)

**ADDITIONAL INFORMATION:** (current use, past use, former owner, county, size of property)

Please forward me an environmental Freedom of Information Law Request on the property. Please provide records of any chemical spills, releases, underground storage tanks, health or environmental violations, wetlands, consent order or hazardous waste activity in reference to the above referenced property.

# VILLAGE OF RICHMONDVILLE

295 Main Street  
Richmondville, N.Y. 12149  
Building-Fire-Zoning and Codes  
518-294-7700

January 20, 2017

Ravi Engineering and Land Surveying, P.C.  
Lynn Zicari

RE: SBL # 78.19-3-1.1

Per your Foil Request : Current owner of property is Harold Loder  
Previous Owners: Joe Marquis, Conrad Bader.

Current use of property: Agricultural - (Corn field)  
Previous use - Agricultural - as long as anyone can remember  
County - Schoharie.

There are no violations, chemical spills or underground tanks, no health or environmental issues or hazardous waste issues on file. There is a small area of wetlands on the south east portion of the property - approximately one acre. Total area is 18.5 acres before recent subdivision (1.83 acres) for the Dollar General on the east side of property. If you have any questions please feel free to contact the undersigned.

D.W. Clarke



Code Enforcement Officer  
Zoning Enforcement Officer  
Village of Richmondville  
518-287-1436



Laura Meli

---

**From:** Brenda Hewett <brendahewett@co.schoharie.ny.us>  
**Sent:** Friday, January 13, 2017 10:20 AM  
**To:** Alexa Barber  
**Cc:** Sheryl Largebeau; Dr. Amy Gildemeister; Pete Cappellano; Carl Christman  
**Subject:** Foil Request  
**Attachments:** Foil request.pdf

To :  
Alexa Barber  
Ravi Engineering

Per attached Schoharie County Foil Request

Schoharie County Department of Health has no records on file for the property in question.

Brenda Hewett  
SCDOH

**To:** Maggie A. Smith **Date:** 01-13-2017  
Fax: 518-294-7150  
Phone: 518-294-7363

**Organization:** Town of Richmondville **Project No.:** 45-17-007-0A

**From:** Alexa Barber  
**E-Mail:** abarber@ravieng.com  
**Phone:** (585) 697-2593  
**Fax:** (585) 697-1764

**Re:** F.O.I.L Request

SUBJECT SITE:

**Tax No. 78.19-3-1.1**  
**Richmondville, New York**

OWNER(S): (current owner, former owner, current use of property, former use)

ADDITIONAL INFORMATION: (current use, past use, former owner, county, size of property)

Please forward me an environmental Freedom of Information Law Request on the property. Please provide records of any chemical spills, releases, underground storage tanks, health or environmental violations, wetlands, consent order or hazardous waste activity in reference to the above referenced property.

Laura Meli

---

**From:** New York DEC Support <newyorkdec@mycusthelp.net>  
**Sent:** Friday, January 13, 2017 9:03 AM  
**To:** Alexa Barber  
**Subject:** FOIL Request :: W016845-011317

Dear Alexa:

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 1/13/2017 and given the reference number FOIL #W016845-011317 for tracking purposes. You may expect the Department's response to your request no later than **2/13/2017**.

**Record Requested: Please forward me an environmental Freedom of Information Law Request on the property located at Tax No. 78.19-3-1.1. Please provide records of any chemical spills, releases, underground storage tanks, health or environmental violations, wetlands, consent order or hazardous waste activity in reference to the above referenced property.**

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.

<https://mycusthelp.com/NEWYORKDEC/rs/RequestLogin.aspx>

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at:

<https://mycusthelp.com/NEWYORKDEC/rs/RequestEdit.aspx?rid=16845>

# **APPENDIX 6**

## **SITE PHOTOGRAPHS**



*Looking east across the Site*



*Wastewater treatment plant to the northwest of the Site*



*Looking north across Site*



*Senior townhomes to the north of the property*



*Historic gas station site, currently a liquor store and laundromat at 334 Main Street*



*Culvert on Site*

**APPENDIX 7**

**NYSDOH 2014 RADON SURVEY**

## Measured Basement Screening Levels by Town

### NYS DOH Measured Basement Screening Radon Levels (2014)

County	Town/Village/City	Homes Screened	Radon Screening Concentration (pCi/L)				Homes		
			Average	Geo Mean	GEO Std Dev	Maximum	≥4 pCi/L	≥4 & <20 pCi/L	>20 pCi/L
SCHOHARIE	BLENHEIM	6	4.53	3.15	2.57	11.9	4	2	0
SCHOHARIE	CARLISLE	4	1.90	1.77	1.58	2.6	4	0	0
SCHOHARIE	COBLESKILL	69	5.92	3.29	2.65	89.2	39	26	4
SCHOHARIE	ESPERANCE	20	2.83	1.62	3.69	7.5	14	6	0
SCHOHARIE	FULTON	31	6.78	4.27	2.62	30.3	13	15	3
SCHOHARIE	GILBOA	12	3.11	1.85	2.77	13.5	9	3	0
SCHOHARIE	JEFFERSON	24	6.69	3.50	2.65	69.1	14	9	1
SCHOHARIE	MIDDLEBURG	47	9.32	3.99	3.95	94.0	25	16	6
SCHOHARIE	RICHMONDVILLE	16	4.88	3.28	2.55	21.4	11	4	1
SCHOHARIE	SCHOHARIE	53	7.20	3.54	3.61	53.8	25	24	4
SCHOHARIE	SEWARD	15	4.19	2.16	3.41	28.1	11	3	1
SCHOHARIE	SHARON	10	2.43	1.99	1.89	7.2	9	1	0
SCHOHARIE	SUMMIT	6	1.68	1.18	2.64	3.8	6	0	0
SCHOHARIE	WRIGHT	11	6.78	2.91	3.66	39.1	7	3	1

# **APPENDIX 8**

## **QUALIFICATIONS OF PROFESSIONALS**

### EDUCATION

M.S. Geology, University of Massachusetts, Amherst, MA  
B.A. Geology, Amherst College, Amherst, Massachusetts

### PROFESSIONAL REGISTRATION

NYS Licensed Professional Geologist / American Institute of Professional Geologists Certificate #7932 / NYS Licensed Asbestos Inspector / USEPA Certified Lead Inspector / RCRA-OSHA 40 hour Hazardous Waste Training / NYS Licensed Mold Assessor

### PROFESSIONAL EXPERIENCE

Peter has over 25 years of environmental services experience. He is a NYS and AIPG Certified Professional Geologist, a NYS Licensed Asbestos Inspector, a USEPA Certified Lead Inspector, and a NYS Certified Mold Assessor. His experience includes Phase I Environmental Site Assessments, Phase II investigations and remedial plans, soil gas surveys, underground storage tank closures; feasibility studies/remedial investigations (FS/RI), Brownfield Cleanup (BCP) Investigations and design of bioremedial and soil vapor extraction systems. Peter was also a member of the Region 2 USEPA Superfund Field Investigation Team.

**Site Assessment** - Peter has greater than 25 years of experience conducting Phase I Environmental Site Assessments (ESAs), supervising Phase II work and BCP remedial investigations. Examples of Phase II work include underground storage tank removal, tank testing, drywell closure, and vapor mitigation.

**Cell Towers** - Peter has performed more than **1,000 environmental due diligence inspections** for a national cellular telecommunications provider.

Notable projects that Peter has managed include:

**Housing Visions Walnut Avenue Homes Project, Niagara Falls, New York** – RE&LS identified radioactive slag on the property. The slag required transportation and disposal outside of New York State.

**5 & 15 Flint Street, Rochester, NY** - RE&LS compiled the Remedial Investigation (RI) for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) for the 5 & 15 Flint Street properties in Rochester, New York. This site is part of the City of Rochester Vacuum Oil BCP.

**BCP at 1440 Empire Blvd, Town of Penfield** - The site is an approximately 4.5-acre parcel on Empire Boulevard in the Town of Penfield; it was historically a landfill that was contaminated with polychlorinated biphenyls (PCBs). After achieving the certificate of completion (COC), the site had been developed as the Southpoint Cove apartment complex.

**BCP at 690 Portland Ave., City of Rochester** - RE&LS conducted a Remedial Investigation (RI) at the Former JML Optical site at 678-690 Portland Avenue in the City of Rochester, New York. The scope of work included soil boring installation, subsurface soil sampling, monitoring well installation, water level measurements, supplemental groundwater sampling, and a soil vapor investigation. A groundwater plume of trichloroethylene (TCE) was identified; sub-slab vapor samples indicate that soil vapors are contaminated with several chlorinated compounds. Vapor mitigation systems were installed in the subject building and several adjacent houses to mitigate the vapor intrusion issue.

**BCP at 245 Andrews Street, City of Rochester** - RE&L was responsible for conducting a limited Phase II Environmental Site Assessment at 245 Andrews Street in the City of Rochester, New York as part of Rochester's Federal Brownfield Grant. The site had previously been used as a gas station and as a dry cleaner. We identified a historic petroleum spill where a gas station was reported in the parking lot adjacent to the dry cleaner, and identified a perchloroethylene (PCE) plume in groundwater relative to the dry cleaning operation. The New York State Department of Environmental Conservation (NYSDEC) subsequently added the site to the list of NYS Superfund Sites.

**VCA at former Fischbach & Moore Electric, 235 Metro Park, Town of Brighton**

**BCP at former Speedy's Cleaners on Monroe Avenue, Town of Pittsford**

**BCP at Comfort Inn on Buell Road, Town of Gates**

**Blue Cross/Blue Shield Remedial Site Plan** - Peter was the Project Manager for the environmental cleanup in March 1997 of urban lands developed as the new Blue Cross/Blue Shield building in Rochester, NY.

## **EDUCATION**

B.S., Environmental Science, SUNY Brockport, May 2012, Magna Cum Laude; Presidents List

## **CERTIFICATIONS & ASSOCIATIONS**

NYS DOL Certified Asbestos Inspector  
NYS DOL Certified Air Project Monitor  
40 Hour HAZWOPER  
10 Hour Construction Safety Course  
NYS DEC Erosion and Sediment Control Qualified Inspector

## **PROFESSIONAL EXPERIENCE**

Dedicated Environmental professional proficient in environmental chemistry analytical techniques and Geographical Information Systems.

### **Phase I & II Environmental Site Assessments**

#### **Woodlyn Subdivision Phase I ESA, Webster, NY**

A Site inspection was conducted by RE&LS on this site consisting of five housing lots located north of Route 104, in the Town of Webster, NY. Lynn performed the investigation and prepared the Phase I ESA report in accordance with ASTM 1527-13.

#### **Richland Estates Phase I ESA, Greece, NY**

RE&LS conducted a Site inspection for this residential development of eight lots in the Town of Greece, New York. Lynn performed the investigation and prepared the Phase I ESA report in accordance with ASTM 1527-13.

#### **New Police Station – Niagara Falls State Park, Niagara Falls, NY**

Ravi Engineering & Land Surveying, P.C. is providing on-going Environmental and Permitting services for this term contract for the Rehabilitation and Improvement of various facilities at the Niagara Falls State Park. As part of this contract, RE&LS provided a Phase I Environmental Site Assessment (ESA) at the proposed New Police Station site along the Gorge Rim south of the existing Discovery Center. Findings from the Phase I ESA led to a Phase II test pit investigation, sampling, & radiological survey. Lynn was responsible for the Phase II radiological survey, soil sampling and vapor screening.

#### **LEDCO Inc. Phase II Environmental Site Assessment, Livonia, NY**

Ravi Engineering & Land Surveying, P.C. conducted a Limited Phase II ESA at 4265 Main Street in the Town of Livonia, New York. Lynn collected 2 soil and 2 groundwater samples for laboratory characterization for VOCs by USEPA Method 8260 to investigate the conditions in the location of the historic septic system.

#### **291 Buell Road Phase II Environmental Site Assessment, Gates, NY**

The site was once utilized by several fuel oil companies. Ravi Engineering & Land Surveying, P.C. performed a Limited Phase II ESA at 291 Buell Road in the Town of Gates, New York. Lynn was responsible for collecting both soil and groundwater samples and submitting for laboratory analysis for VOCs.

#### **Horseheads North Cell Phase II Environmental Site Assessment, Horseheads, NY**

Ravi Engineering & Land Surveying, P.C. performed a Limited Phase II ESA at 61 Old Ithaca Road & 130 North Main Street in the Village of Horseheads, New York. Lynn collected soil and groundwater samples for laboratory analysis for VOCs by Method 8260.

#### **149 Ridge Road East Phase II Environmental Site Assessment, Rochester, NY**

Ravi Engineering & Land Surveying, P.C. performed a Limited Phase II ESA at 149 Ridge Road East in the city of Rochester, New York. RE&LS drilled and sampled 3 soil borings, and collected and screened soil samples for the presence of VOCs.

#### **Clayton Village Phase II Environmental Site Assessment, Clayton, NY**

RE&LS performed a Limited Phase II ESA at St. Mary's Church at 521 James Street in the Village of Clayton, New York. RE&LS conducted a subsurface investigation with a track-mounted Geoprobe unit, and collected ten soil samples for laboratory analysis for SVOCs by USEPA Method 8270 in conformance with NYS DEC Commissioner's regulations along with, one soil sample for landfill characterization analysis and developed recommendations.

**149 Ridge Road East Phase II Environmental Site Assessment, Rochester, NY**

Ravi Engineering & Land Surveying, P.C. performed a Limited Phase II ESA at 149 Ridge Road East in the city of Rochester, New York. RE&LS drilled and sampled 3 soil borings, and collected and screened soil samples for the presence of VOCs. Lynn was responsible for soil vapor screening and soil sampling.

**291 Buell Road Phase I & II Environmental Site Assessment, Gates, NY**

The site was once utilized by several fuel oil companies. Ravi Engineering & Land Surveying, P.C. performed a Limited Phase I and Phase II ESA at 291 Buell Road in the Town of Gates, New York. Lynn was responsible for collecting both soil and groundwater samples and submitting for laboratory analysis for VOCs.

**RHA Term Contract Glenwood Gardens Environmental Screening of Soil, Rochester, NY**

RE&LS was hired to perform environmental screening of soil samples as a supplement to the geotechnical drilling that was performed at Glenwood Gardens Apartments. Lynn was the lead field technician onsite during the investigation. She was involved with the screening of soils for VOCs, collecting soil samples, and preparing the letter report. Lynn prepared the soils management plan for the project.

**111 Buffalo Road, Rochester, NY**

Lynn assisted with a Phase II Environmental Site Assessment and identified petroleum contamination in soil and groundwater beneath this NYSDEC spill site, a historic pump island north of the BRG building. The NYSDEC-approved Remedial Action Plan included excavation of contaminated soils for off-site disposal, removing a “slug” of contaminated groundwater, and treatment of residual soil and groundwater contamination with bioremedial measures.

**Buffalo Road Soils Management Plan, Rochester, NY**

Lynn assisted with a Phase II Environmental Site Assessment and identified petroleum contamination in soil and groundwater beneath a historic pump island north of the BRG building. The NYSDEC-approved Remedial Action Plan included excavation of contaminated soils for off-site disposal, removing a “slug” of contaminated groundwater, and treatment of residual soil and groundwater contamination with bioremedial measures.

**BROWNFIELD REMEDIATION PROGRAM**

**Empire Boulevard Brownfield Remediation, Rochester, NY**

The Site is an approximately 4.5-acre parcel on Empire Boulevard and will be used for a 358-unit apartment complex. Lynn was the lead on-site consultant during remedial activities to ensure that all work within the limits of the BCP was performed in accordance with the Remedial Action Work Plan (RAWP). She sampled imported soils to ensure that soils met the NYSDEC criteria for soils used in the soil cover system, performed CAMP air monitoring (Community Air Monitoring Program) to ensure that contaminated soils are not becoming airborne and migrating off-site. Lynn prepared the Final Engineering Report (FER) and the Electronic Data Deliverable (EDD). RE&LS is still performing CAMP monitoring whenever the cap is breached. Additional soil sampling of imported soils also recently done under the SMP.

**Portland Avenue Brownfield Remediation, Rochester, NY** – Lynn performed soil and groundwater sampling. She is currently investigating alternatives for groundwater and soil cleanup methods, preparing the RIR (remedial investigation report) and the EDD.

**STORMWATER POLLUTION PREVENTION PLAN (SWPPP)**

**OH - Rochester Restaurant Depot, Ridgeland Road, Henrietta, NY**

Lynn performed weekly SWPPP site visits looking to see that site stabilization methods were in place and functioning properly to ensure that sediment-laden runoff was not migrating off the site onto adjacent properties, surface water, or stormwater sewers. She prepared and delivered weekly inspection reports.

**Braddock Bay Storm Water Pollution and Prevention (SWPPP), Rochester, NY**

The New York State Department of Environmental Conservation (NYSDEC) and the Town of Greece were working to restore and enhance the wetland habitat at Buck Pond with the Braddock Bay Fish and Wildlife Management Area. Ravi Engineering & Land Surveying, P.C. (RE&LS) provided weekly SWPPP inspections of the site after temporary stabilization measures were installed. Lynn assisted with weekly inspections continued until final stabilization occurred and prepared inspection reports, upon completion of each SWPPP Inspection.

### EDUCATION

B.C.E., Civil Engineering, University of Detroit, Magna Cum Laude

### PROFESSIONAL REGISTRATION

Professional Engineer: New York, 1984 No. 61266  
NYS Department of Labor Asbestos Project Designer  
OSHA 40-hour Hazardous Waste Site Training

### PROFESSIONAL EXPERIENCE

**Nancy S. Van Dussen, P.E.** has more than 25 years of professional engineering experience. She has served as project manager for transportation, environmental, and planning projects with construction values up to \$45 million, performed dozens of Hazardous Materials Assessments to ensure staff health and safety. Ms. Van Dussen is experienced with the SEQRA and NEPA processes and has been responsible for preparation of numerous Environmental Impact Statements and Environmental Assessments. She is also has experience with computer modeling for analysis and design; preparation of specifications and estimates; comprehensive studies, analysis and design of noise abatement measures; and preparation of permit applications. Her projects include:

**Niagara Falls State Park – Police Station, Niagara Falls, NY** - Project manager for a Phase I Environmental Site Assessment at the proposed New Police Station site along the Gorge Rim south of the existing Discovery Center. Findings from the Phase I ESA led to a Phase II test pit investigation, sampling, & radiological survey. During the radiological survey, the on-site slag fill was determined to be a technically-enhanced naturally occurring radioactive material requiring special handling. Soil samples were collected and characterized for TCLP, VOCs and SVOCs, Metals, PCBs, Ignitability and pH levels. A soils management plan was developed to handle soils during construction. The NYSOPRHP ultimately decided on another site for the police station.

#### **Farmington Hotels, Phase I Environmental Site Assessment -**

Project Manager - prepared a Phase I Environmental Site Assessment Report, per ASTM E 1527-05 Standards for this site located behind 6037 State Route 96 in Farmington, New York. It consists of a 2.00 acre developed parcel containing a hotel. Adjacent properties include a hotel, commercial lands and undeveloped lands. The Site is bounded on the east by a motel; on the west by a gas station and convenient food mart; on the north by Route 96 and a restaurant; and on the south by a vacant, former restaurant.

#### **Elm Street Penn Yan Phase I Environmental Site Assessment -**

Project Manager - was responsible for the preparation of a Phase I Environmental Site Assessment for a commercial property transaction.

#### **Phase I Environmental Site Assessment, Victor, Ontario County, NY –**

Project Manager - prepared a Phase I Environmental Site Assessment Report per ASTM E 1527-05 Standards. The Site is located behind 7449 State Route 96 in Victor, New York. The site consisted of a 2.7 acre parcel. Adjacent properties include commercial lands and undeveloped lands. Information relative to the Site's historical usage was provided by the current and past owners and available historical records.

**Rochester Central Station, Rochester, NY** - Completed an Environmental Impact Statement for the proposed construction of a new below-grade bus terminal and an at-grade public concourse with potential joint development including restaurants, retail, and general service space. Ensured compliance with Federal Transportation Authority standards as well as adhering to SEQRA and the NEPA regulations.

**Rochester Harbor and Fast Ferry Terminal, Rochester, NY.** - Prepared sections of an Environmental Impact Statement/Design Report and determined review procedures and schedule to satisfy both SEQR and NEPA review processes. Assessed environmental impacts associated with the proposed port redevelopment located on the west side of the Genesee River near its confluence with Lake Ontario. Environmental analyses included air, noise, wetlands, flood plain, coastal zone consistency, water quality, ecology, and visual impacts. Also prepared Coastal Assessment Forms for consistency with the NYS Department of State Coastal Management Program.

**Brooks Landing – Phase II Improvements, Rochester, NY** - Environmental Project Manager responsible for the environmental evaluations associated with Genesee River Waterfront Area Improvement projects. Tasks included addressing requirements of all applicable state and federal environmental laws and regulations, compliance with 6NYCRR Part 502 “Floodplain Management Criteria”, preparation of a Section 4(f) statement for Genesee Valley. Preparation of permit applications will be completed by Ravi Engineering & L.S., P.C.

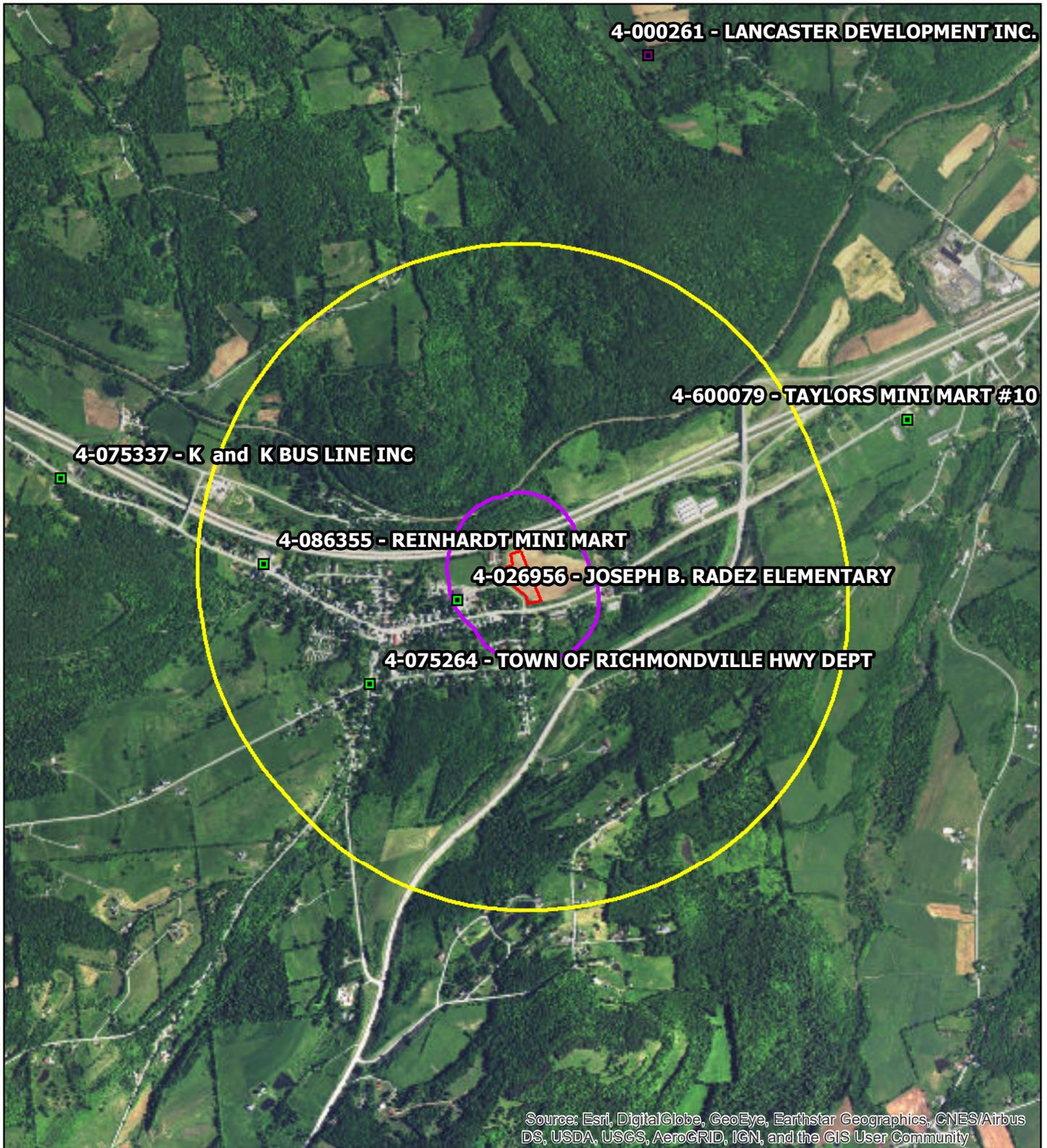
**111 Buffalo Road, Rochester, NY** - Ravi Engineering & Land Surveying, P.C. (RE&LS) conducted a Phase I Environmental Site Assessment (ESA) of the property at 111 Buffalo Road of Rochester, New York. The results warranted conducting a Limited Phase II ESA to investigate impacts from a historic gas station that occupied the site from the 1940s until 1983. The scope of work for the Phase II ESA included removing and disposing of the asphalt and concrete over the impacted area, excavating and disposing of 1000 tons of impacted soil, screening the excavated soils with a photoionization detector, collecting confirmatory pit sidewall samples and submitting for volatile organic compound (VOC) analysis, removing contaminated soils from the pit and trench, and treating the contamination with bioremedial accelerants. A passive vent system was installed to mitigate concerns relative to vapor intrusion into the building. Nancy was the Environmental Department manager on this project.

**Brewster School District, Brewster, NY** - Prepared an Environmental Impact Statement for a proposed elementary school, according to the New York State Education Department outline to meet the provisions of SEQRA. Areas requiring extensive evaluation included wetlands, drainage patterns, sedimentation and storm water runoff control, sewage disposal, traffic, and emergency access provisions to the site. Suggested mitigation measures to ensure minimal impact to this environmentally sensitive area.

**Rochester City School District, 30 Hart Street, Phase I Environmental Site Assessment -**

Project Manager - prepared a Phase I Environmental Site Assessment Report, per ASTM E 1527-05 Standards for this site prior to the Rochester City School District renewing the lease of a portion of the building at 30 Hart Street.

**Erie Canal Aqueduct Redevelopment – Master Plan, Monroe County, NY** - Environmental Project Manager responsible for environmental evaluations associated with the proposed redevelopment of the former Erie Canal in downtown Rochester, NY. Tasks included evaluation of potential impacts on: General ecology and endangered species, ground water, surface water, state and federal wetlands, floodplains, coastal zone management, navigable waterways, parks, noise, air quality, energy, and critical environmental areas.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

- Project Area
- One Thousand Foot Buffer
- One Mile Project Area Buffer
- Chemical Bulk Storage
- Petroleum Bulk Storage

**Bulk Storage Facilities**  
 Candlewood Courts Affordable Housing Project  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, NY



Name	FolderPath
4-026956 - JOSEPH B. RADEZ ELEMENTARY	Petroleum Bulk Storage
4-075264 - TOWN OF RICHMONDVILLE HWY DEPT	Petroleum Bulk Storage
4-086355 - REINHARDT MINI MART	Petroleum Bulk Storage



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

-  *Project Area*
-  *One Mile Project Area Buffer*

**Remediation Sites**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**



## Appendix E – Commitment Letters



February 16, 2017

Lori A. Shirley  
Director, Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery  
NYS Homes and Community Renewal  
[Lori.Shirley@nyshcr.org](mailto:Lori.Shirley@nyshcr.org)

**RE: Environmental Review FUL  
Candlewood Court I & II**

Dear Ms. Shirley:

Regarding Item 14. INVASIVE SPECIES from the Environmental Review FUL:

We hereby certify that the project will not include any of the species listed on the NYS Department of Environmental Conservation's Prohibited and Regulated Invasive Species regulations at 6 NYCRR Part 575.3 & 575.4, available here:  
<http://www.dec.ny.gov/regulations/93848.html>.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Cox', is positioned above the typed name.

David Cox, PE  
Project Engineer

DC:paf

# Village of Richmondville

295 Main Street, PO Box 493, Richmondville, NY 12149

Phone: 518-294-6681 or 518-294-7700 ♦ Fax: 518-294-6129  
[richmondville@rville.org](mailto:richmondville@rville.org) ♦ 800-662-1220 TTY/TDD Hearing Impaired

---

March 27, 2017

Diana Jakimoski  
Housing Visions Consultants, Inc.  
1201 East Fayette Street, Suite 26  
Syracuse, New York 13210

RE: Candlewood Court I & II Zoning Designation  
Route 7 (Main Street) SBL # 78.19-3-1.1

Dear Ms. Jakimoski,

Please be advised that the above referenced property is located with in a Planned Development Zone. The Residential use is allowed within this Zoning District as per Village of Richmondville Zoning Laws.

If you have any questions or wish to contact me regarding the above, please contact the undersigned at 518-294-7700.

Sincerely,



Donald W. Clarke  
Village of Richmondville Codes and Zoning Officer

# Appendix F – USFWS and NYNHP Correspondence



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

New York Field Office

3817 Luker Road

Cortland, NY 13045

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo>

To: Alicia Shultz

Date: May 17, 2017

USFWS File No: 17I2142

Regarding your:  Letter  Fax  Email

Dated: May 10, 2017

For project: Candlewood Court Affordable Housing

Located: off East Main Street (Rt. 7), 362 Main Street

In Town/County: Village of Richmondville, Schoharie County

Pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*), the U.S. Fish and Wildlife Service:

Acknowledges receipt of your "no effect" and/or no impact determination. No further ESA coordination or consultation is required.

Acknowledges receipt of your determination. Please provide a copy of your determination and supporting materials to any involved Federal agency for their final ESA determination.

Is taking no action pursuant to ESA or any legislation at this time, but would like to be kept informed of project developments.

As a reminder, until the proposed project is complete, we recommend that you check our website (<http://www.fws.gov/northeast/nyfo/es/section7.htm>) every 90 days from the date of this letter to ensure that listed species presence/absence information for the proposed project is current. Should project plans change or if additional information on listed or proposed species or critical habitat becomes available, this determination may be reconsidered.

USFWS Contact(s): 

Supervisor: Acting Branch Chief Date: 5/17/17



**Governor's Office of  
Storm Recovery**

**ANDREW M.  
CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

By Electronic Mail

May 10, 2017

Robyn A. Niver  
Endangered Species Biologist USFWS  
New York Field Office  
Cortland, NY 13045

Re: Section 7 Project Review - No Effect Determination for the Candlewood Court Affordable Housing project, Village of Richmondville, Schoharie County, New York

Dear Ms. Niver:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is conducting an environmental review under HUD's environmental review regulations (24 CFR Part 58) and New York State's Environmental Quality Review Act (SEQRA) the Candlewood Court Affordable Housing project, located in the Village of Richmondville, Schoharie County, New York (**see Figures 1 and 2**). GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to Section 7 of the Endangered Species Act.

The purpose of this letter is to provide the U.S. Fish and Wildlife Service – New York Field Office (USFWS) notice of the proposed project and to document compliance with Section 7 of the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), as well as the Migratory Bird Treaty Act of 1918 (MBTA) (40 Stat. 755, as amended; 16 U.S.C. 703-712), and the Bald and Golden Eagle Protection Act of 1940 (BGEPA) (54 Stat. 240, as amended; 16 U.S.C. 668-668c).

**Program Overview:** Early this year, the applicant, Housing Visions, was contacted by Schoharie Area Long Term, Inc. (SALT), a small nonprofit that formed in the wake of Hurricane Irene to rebuild properties throughout the Schoharie Creek Basin, which was devastated by the storm. With the majority of the rebuilding complete, SALT is shifting its focus toward sustainable community and economic development and renewal. Housing Visions and SALT identified the Village of Richmondville in Schoharie County as an area that was dramatically affected by Tropical Storms Sandy and Lee as well as Hurricane Irene. The proposed project has strong support from the Village of Richmondville.

**Proposed Project Description:** The development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7), 362 Main Street, Richmondville, NY. The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two – 20, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated with other non-residential uses to establish a new “gateway” into

Richmondville. The units will be targeted to individuals and families earning 80 percent of Area Median Income and below.

The project will consist of two separate buildings on two separate lots. Total acreage of the project is five acres. The buildings will be approximately 23,600 sf and will consist of approximately 12-one bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available.

**ESA, Migratory Bird Treaty Act, And Bald and Golden Eagle Protection Act Species:** The USFWS, New York Ecological Services Field Office was contacted through the Information, Planning, and Conservation System (IPaC) regarding the potential presence of species under the jurisdiction of the USFWS within the project area. The IPaC review and Official Species List identified one threatened species that is potentially associated with the project site: the northern long-eared bat (NLEB) (*Myotis septentrionalis*) (see attached IPaC Resource List). The IPaC review also indicated that there are several migratory birds of concern that could potentially be affected by the proposed project.

### **Analysis and Determination of Effects:**

#### **ESA**

A request for species records within the project area was sent to the New York State Natural Heritage Program (NYSNHP). A response was received on May 1, 2017, indicating that there are no records of rare or state listed animals or plants, or significant natural communities at the project site or in its immediate vicinity (see attached **NYSNHP Response**).

Schoharie County is within the White-Nose Syndrome Zone. According to geospatial information provided by USFWS, the project site is not within 0.25 miles of known or assumed hibernacula (see attached map) for the NLEB, nor are there documented or assumed maternity roosts within 150 feet of the project site. The project site is not within 5 miles of NLEB hibernacula. As the proposed project would NOT result in the removal of trees, GOSR has determined that the proposed action will have **No Effect** on the NLEB. Additionally, the proposed project would not jeopardize the continued existence of ESA species or destroy or adversely modify their critical habitat.

#### **MBA and BGEPA**

GOSR has determined that the project would have no significant adverse impact on migratory birds, eagles, or their habitat. There is no tree clearing associated with this project.

### **Conclusions**

Project implementation would be conditioned upon issuance of applicable federal and state permits and would be constructed in accordance with federal and state permit conditions. The proposed project would not jeopardize the continued existence of ESA species or destroy or adversely modify their critical habitat. GOSR is submitting the above information as notification of its **No Effect determination** and requests acknowledgement from USFWS that they have received this determination that the proposed project would have **No Effect** on endangered/threatened species, migratory birds, or critical habitat for species under USFWS jurisdiction.

If USFWS does not respond within 30 days from submittal of this letter, then GOSR may presume that its determination for each project is informed by the best available information and its project responsibilities under Section 7 of the ESA have been fulfilled. GOSR understands that the USFWS presumes that all activities

will be implemented as described herein. GOSR will promptly report any departures from the described activities to the New York Field Office.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or [Alicia.Shultz@nyshcr.org](mailto:Alicia.Shultz@nyshcr.org). Thank you for your time and consideration.

Sincerely,

A handwritten signature in cursive script that reads "Alicia Shultz".

Alicia Shultz  
Community Developer - Environmental Services  
Governor's Office of Storm Recovery  
NYS Homes and Community Renewal

Attachments:

Enclosures:

Figure 1: Project Location Map

Figure 2: Topographic Map

Figure 3: Site Plan

Figure 4: Environmental Resource Mapper Findings

NYSDEC Jurisdiction

IPaC Resource List

NYSNHP Response

# DETAIL MAP - 4827380.2S



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



-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

**Figure 1**

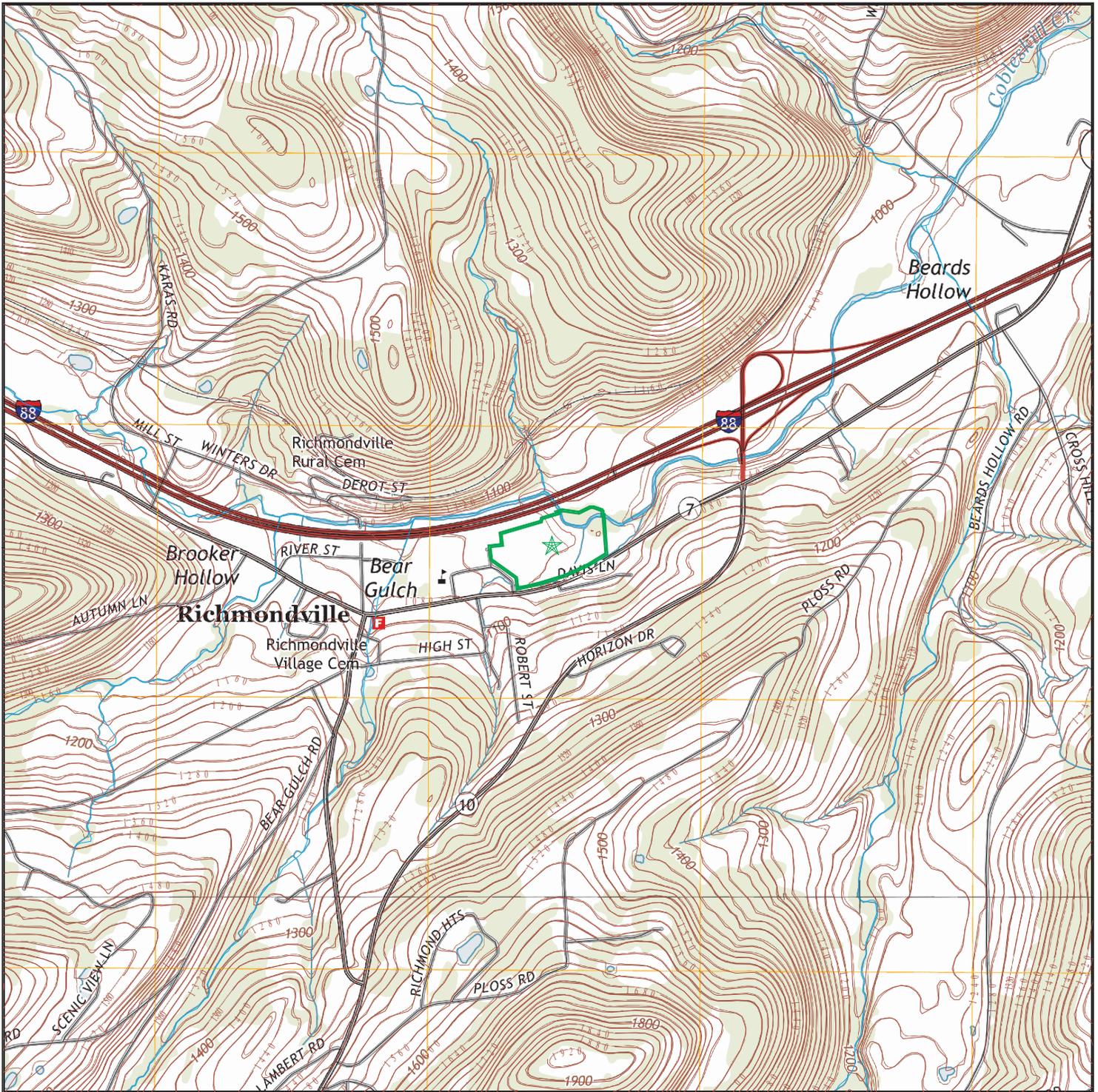


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

# OVERVIEW MAP - 4827380.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

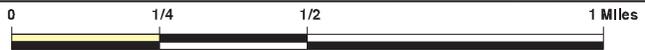
Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

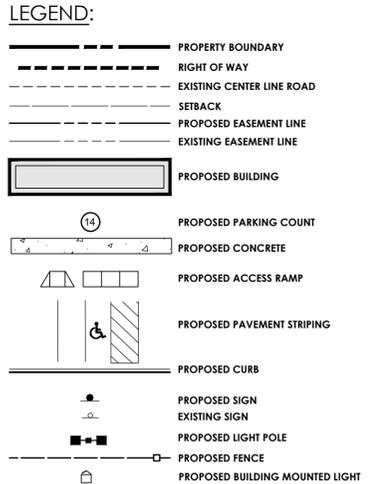
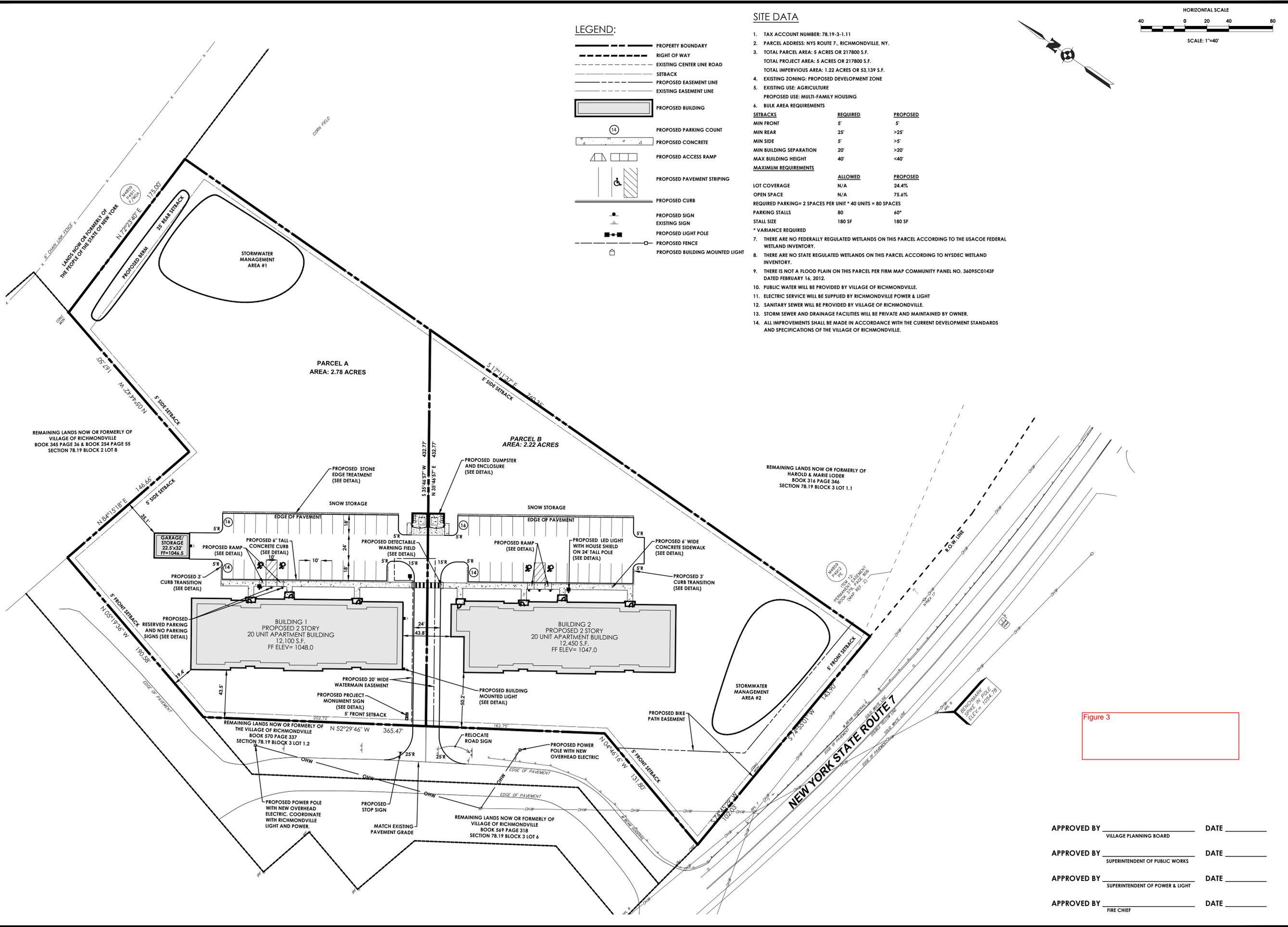


**Figure 2**

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: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2S  
 DATE: January 13, 2017 9:56 am



**SITE DATA**

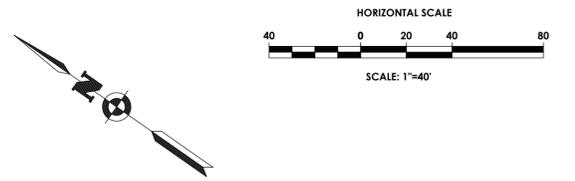
- TAX ACCOUNT NUMBER: 78.19-3-1.11
- PARCEL ADDRESS: NYS ROUTE 7, RICHMONDVILLE, NY.
- TOTAL PARCEL AREA: 5 ACRES OR 217800 S.F.  
TOTAL PROJECT AREA: 5 ACRES OR 217800 S.F.  
TOTAL IMPERVIOUS AREA: 1.22 ACRES OR 53,139 S.F.
- EXISTING ZONING: PROPOSED DEVELOPMENT ZONE
- EXISTING USE: AGRICULTURE  
PROPOSED USE: MULTI-FAMILY HOUSING
- BULK AREA REQUIREMENTS
 

SETBACKS	REQUIRED	PROPOSED
MIN FRONT	5'	5'
MIN REAR	25'	>25'
MIN SIDE	5'	>5'
MIN BUILDING SEPARATION	20'	>20'
MAX BUILDING HEIGHT	40'	<40'
- MAXIMUM REQUIREMENTS
 

	ALLOWED	PROPOSED
LOT COVERAGE	N/A	24.4%
OPEN SPACE	N/A	75.6%
REQUIRED PARKING= 2 SPACES PER UNIT * 40 UNITS = 80 SPACES		
PARKING STALLS	80	60*
STALL SIZE	180 SF	180 SF

\* VARIANCE REQUIRED

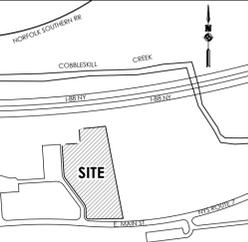
- THERE ARE NO FEDERALLY REGULATED WETLANDS ON THIS PARCEL ACCORDING TO THE USACE FEDERAL WETLAND INVENTORY.
- THERE ARE NO STATE REGULATED WETLANDS ON THIS PARCEL ACCORDING TO NYSDEC WETLAND INVENTORY.
- THERE IS NOT A FLOOD PLAIN ON THIS PARCEL PER FIRM MAP COMMUNITY PANEL NO. 36095C0143F DATED FEBRUARY 16, 2012.
- PUBLIC WATER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- ELECTRIC SERVICE WILL BE SUPPLIED BY RICHMONDVILLE POWER & LIGHT
- SANITARY SEWER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- STORM SEWER AND DRAINAGE FACILITIES WILL BE PRIVATE AND MAINTAINED BY OWNER.
- ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT STANDARDS AND SPECIFICATIONS OF THE VILLAGE OF RICHMONDVILLE.





**PASSERO ASSOCIATES**  
engineering architecture

---



VILLAGE OF RICHMONDVILLE  
LOCATION SKETCH

---

Client:

Housing Visions  
1201 East Fayette St  
Syracuse, NY 13210

---

**PASSERO ASSOCIATES**  
242 West Main Street Suite 100  
Rochester, New York 14614  
(585) 325-1000  
Fax: (585) 325-1691

Principal-in-Charge: John F. Caruso, P.E.  
Project Manager: David L. Cox, P.E.  
Designed by: Joe Kellenberger

---



---

Revisions			
No.	Date	By	Description
1			

---

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS IN VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7309 AND ARTICLE 149 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

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**SITE PLAN**

**CANDLEWOOD COURT**

Village: RICHMONDVILLE  
County: SCHOHARIE State: New York

Project No. **20172356.0001**

Drawing No. **C 101** Sheet No. **1**

Scale: **1" = 40'**

Date: **MARCH 2017**

---

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
VILLAGE PLANNING BOARD

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SUPERINTENDENT OF PUBLIC WORKS

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SUPERINTENDENT OF POWER & LIGHT

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
FIRE CHIEF

Figure 3

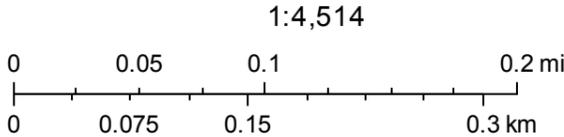
Z:\2017\20172356\20172356.0001\DRAWINGS\ENGINEERING\20172356.0001\_SITE\_LANDSCAPE.DWG 3/15/2017 5:46 PM David Cox

# Candlewood Court, 362 Main Street, Richmondville



March 31, 2017

Figure 4- Environmental Resource Mapper



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community  
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

[www.dec.ny.gov](http://www.dec.ny.gov)

May 10, 2017

Ms. Lori Shirley  
Governor's Office of Storm Recovery  
99 Washington Avenue  
Suite 1224  
Albany NY 12260

RE: Windham Drainage Improvements  
Town of Windham, Greene County, NY

Dear Ms. Shirley,

We received your jurisdictional inquiry request for the Candlewood Court Affordable Housing project in the Village of Richmondville, Schoharie County. It is our understanding that this is a development project on a tract of vacant land within the Village. Based on our understanding of the project and the NYS Resources map created by Amanda Bailey on 5/10/2017 (attached), we have the following comments on the project:

### **STATE-LISTED SPECIES**

All threatened or endangered species are subject to regulation under Article 11, Title 5 of the Environmental Conservation Law and a permit is required for a taking of that species pursuant to 6 NYCRR Part 182. Besides death of individuals, taking includes harassment, interference with essential behaviors, and adverse modification of habitat. **If the site is in close proximity to known occurrences of state-protected species, additional information on the proposal will be required by the appropriate regional office for a determination on the need for an incidental take permit.**

We have reviewed the available information in the New York Natural Heritage Program database on known occurrences of rare or state-listed bat species. This project area does not occur in the immediate vicinity of known occurrences of rare or state-listed bat species (see NYS Resources map, attached). The major concern for bat species in relation to this project would be the destruction of potential roosts and roosting habitat that may occur if tree clearing is required. Because this project does not take place within known occupied habitat, there are no restrictions on cutting.

The absence of data does not necessarily mean that any rare or state-listed bat species do not exist on or adjacent to the proposed site. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence of all rare or state-listed bat species. To avoid potential take, DEC *recommends* that any tree clearing be conducted between November 1 and March 31, when bats are inactive in hibernation sites. DEC also recommends that all snag and cavity trees remain uncut, unless their removal is necessary for protection of human life and property. For more information, please refer to the DEC Northern long-eared bat protective measures guidance, available at:

<http://www.dec.ny.gov/animals/106090.html>.



Department of  
Environmental  
Conservation

This document is only intended to address state-listed bat species. Other rare or state-listed species, natural communities or other significant habitats may exist within the project area and would require additional review. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

**OTHER**

**USFWS Cortland Field Office**

If a federal agency is involved in the project, or if federal funding is used, there are additional considerations for federally listed species. Section 7(a)(1) of the Endangered Species Act requires federal agencies to use their authorities to conserve listed species. Section 7(a)(2) requires federal agencies to consult on any action that may affect a listed species.

Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and you should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year unless you are otherwise notified. Applications may be downloaded from our website at [www.dec.ny.gov](http://www.dec.ny.gov) under "Programs" then "Division of Environmental Permits."

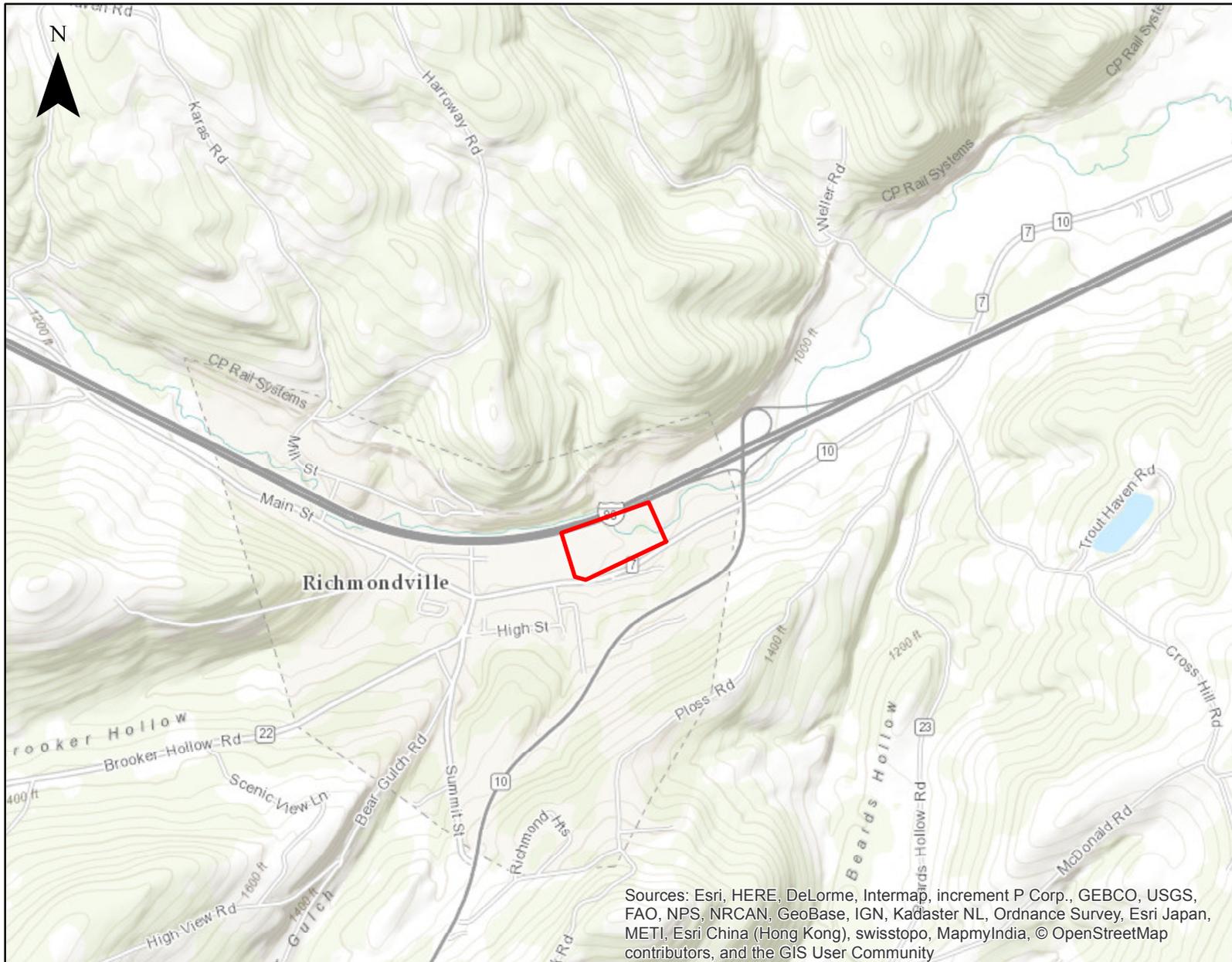
Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Amanda Bailey". The signature is written in a cursive, flowing style.

Amanda Bailey  
Division of Fish and Wildlife  
[Amanda.bailey@dec.ny.gov](mailto:Amanda.bailey@dec.ny.gov)  
518-402-8859

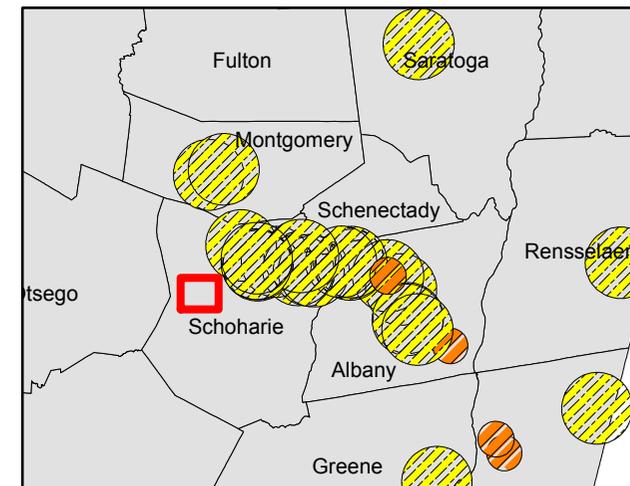
Cc: Alicia Shultz, Governor's Office of Storm Recovery  
William Clarke, NYSDEC Region 4 Environmental Permits  
Paul Novak, NYSDEC Wildlife Biologist, Region 4  
May O'Malley, NYSDEC Division of Environmental Permits



# NYS Resources Map

## Candlewood Court Affordable Housing Project Village of Richmondville, Schoharie County

Prepared by AMB on 5/10/2017



 Project Area

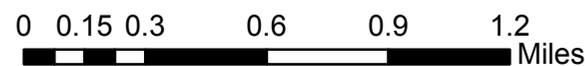
### Bat Occurrences

 Indiana Bat

 Northern Long-eared Bat



**Department of  
Environmental  
Conservation**



1 inch = 2,500 feet

Disclaimer: this map was prepared by the NYSDEC using the most current data available. It is deemed accurate but is not guaranteed. NYSDEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data. This map may contain information that is considered sensitive and therefore the distribution of this map is strictly prohibited.

**IPaC**

U.S. Fish &amp; Wildlife Service

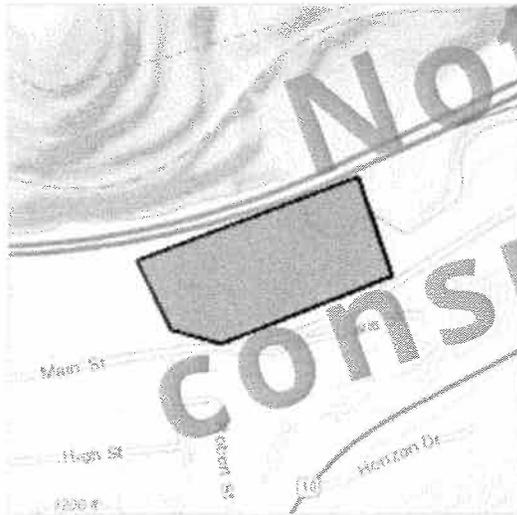
# IPaC resource list

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

Schoharie County, New York



## Local office

New York Ecological Services Field Office

☎ (607) 753-9334

📄 (607) 753-9699

3817 Luker Road  
Cortland, NY 13045-9349

<http://www.fws.gov/northeast/nyfo/es/section7.htm>

## 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 species

<sup>1</sup> are managed by the Endangered Species Program of the U.S. Fish and Wildlife Service.

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.

The following species are potentially affected by activities in this location:

## Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	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.

## Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act

<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service

<sup>3</sup>. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data <http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The migratory birds species listed below are species of particular conservation concern (e.g. Birds of Conservation Concern) that may be potentially affected by activities in this location. It is not a list of every bird species you may find in this location, nor a guarantee that all of the bird species on this list will be found on or near this location. Although it is important to try to avoid and minimize impacts to all birds, special attention should be made to avoid and minimize impacts to birds of priority concern. To view available data on other bird species that may occur in your project area, please visit the AKN Histogram Tools and Other Bird Data Resources. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

NAME	SEASON(S)
American Bittern <i>Botaurus lentiginosus</i> <a href="https://ecos.fws.gov/ecp/species/6582">https://ecos.fws.gov/ecp/species/6582</a>	Breeding
Bald Eagle <i>Haliaeetus leucocephalus</i> <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Year-round
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> <a href="https://ecos.fws.gov/ecp/species/9399">https://ecos.fws.gov/ecp/species/9399</a>	Breeding
Blue-winged Warbler <i>Vermivora pinus</i>	Breeding
Canada Warbler <i>Wilsonia canadensis</i>	Breeding

Golden-winged Warbler <i>Vermivora chrysoptera</i> <a href="https://ecos.fws.gov/ecp/species/8745">https://ecos.fws.gov/ecp/species/8745</a>	Breeding
Louisiana Waterthrush <i>Parkesia motacilla</i>	Breeding
Olive-sided Flycatcher <i>Contopus cooperi</i> <a href="https://ecos.fws.gov/ecp/species/3914">https://ecos.fws.gov/ecp/species/3914</a>	Breeding
Peregrine Falcon <i>Falco peregrinus</i> <a href="https://ecos.fws.gov/ecp/species/8831">https://ecos.fws.gov/ecp/species/8831</a>	Breeding
Pied-billed Grebe <i>Podilymbus podiceps</i>	Breeding
Prairie Warbler <i>Dendroica discolor</i>	Breeding
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	Breeding
Short-eared Owl <i>Asio flammeus</i> <a href="https://ecos.fws.gov/ecp/species/9295">https://ecos.fws.gov/ecp/species/9295</a>	Wintering
Willow Flycatcher <i>Empidonax traillii</i> <a href="https://ecos.fws.gov/ecp/species/3482">https://ecos.fws.gov/ecp/species/3482</a>	Breeding
Wood Thrush <i>Hylocichla mustelina</i>	Breeding

What does IPaC use to generate the list of migratory bird species potentially occurring in my specified location?

#### Landbirds:

Migratory birds that are displayed on the IPaC species list are based on ranges in the latest edition of the National Geographic Guide, Birds of North America (6th Edition, 2011 by Jon L. Dunn, and Jonathan Alderfer). Although these ranges are coarse in nature, a number of U.S. Fish and Wildlife Service migratory bird biologists agree that these maps are some of the best range maps to date. These ranges were clipped to a specific Bird Conservation Region (BCR) or USFWS Region/Regions, if it was indicated in the 2008 list of Birds of Conservation Concern (BCC) that a species was a BCC species only in a particular Region/Regions. Additional modifications have been made to some

ranges based on more local or refined range information and/or information provided by U.S. Fish and Wildlife Service biologists with species expertise. All migratory birds that show in areas on land in IPaC are those that appear in the 2008 Birds of Conservation Concern report.

#### **Atlantic Seabirds:**

Ranges in IPaC for birds off the Atlantic coast are derived from species distribution models developed by the National Oceanic and Atmospheric Association (NOAA) National Centers for Coastal Ocean Science (NCCOS) using the best available seabird survey data for the offshore Atlantic Coastal region to date. NOAA/NCCOS assisted USFWS in developing seasonal species ranges from their models for specific use in IPaC. Some of these birds are not BCC species but were of interest for inclusion because they may occur in high abundance off the coast at different times throughout the year, which potentially makes them more susceptible to certain types of development and activities taking place in that area. For more refined details about the abundance and richness of bird species within your project area off the Atlantic Coast, see the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other types of taxa that may be helpful in your project review.

About the NOAA/NCCOS models: the models were developed as part of the NOAA/NCCOS project: [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#). The models resulting from this project are being used in a number of decision-support/mapping products in order to help guide decision-making on activities off the Atlantic Coast with the goal of reducing impacts to migratory birds. One such product is the [Northeast Ocean Data Portal](#), which can be used to explore details about the relative occurrence and abundance of bird species in a particular area off the Atlantic Coast.

All migratory bird range maps within IPaC are continuously being updated as new and better information becomes available.

**Can I get additional information about the levels of occurrence in my project area of specific birds or groups of birds listed in IPaC?**

#### **Landbirds:**

The [Avian Knowledge Network \(AKN\)](#) provides a tool currently called the "Histogram Tool", which draws from the data within the AKN (latest survey, point count, citizen science datasets) to create a view of relative abundance of species within a particular location over the course of the year. The results of the tool depict the frequency of detection of a species in survey events, averaged between multiple datasets within AKN in a particular week of the year. You may access the histogram tools through the [Migratory Bird Programs AKN Histogram Tools](#) webpage.

The tool is currently available for 4 regions (California, Northeast U.S., Southeast U.S. and Midwest), which encompasses the following 32 states: Alabama, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin.

In the near future, there are plans to expand this tool nationwide within the AKN, and allow the graphs produced to appear with the list of trust resources generated by IPaC, providing you with an additional level of detail about the level of occurrence of the species of particular concern potentially occurring in your project area throughout the course of the year.

#### Atlantic Seabirds:

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 NOAAANCCOS [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

## Facilities

### Wildlife refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGES AT THIS LOCATION.

### Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

## Wetlands in the National Wetlands Inventory

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.

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

#### **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.

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program  
625 Broadway, Fifth Floor, Albany, NY 12233-4757  
P: (518) 402-8935 | F: (518) 402-8925  
[www.dec.ny.gov](http://www.dec.ny.gov)

May 1, 2017

Lori Shirley  
Governor's Office of Storm Recovery  
30-40 State St., Hampton Plaza  
Albany, NY 12207

Re: Candlewood Court Affordable Housing project, Village of Richmondville  
County: Schoharie Town/City: Richmondville

Dear Ms. Shirley:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 4 Office, Division of Environmental Permits, as listed at [www.dec.ny.gov/about/39381.html](http://www.dec.ny.gov/about/39381.html).

Sincerely,



Nicholas Conrad  
Information Resources Coordinator  
New York Natural Heritage Program

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

[www.dec.ny.gov](http://www.dec.ny.gov)

May 10, 2017

Ms. Lori Shirley  
Governor's Office of Storm Recovery  
99 Washington Avenue  
Suite 1224  
Albany NY 12260

RE: Windham Drainage Improvements  
Town of Windham, Greene County, NY

Dear Ms. Shirley,

We received your jurisdictional inquiry request for the Candlewood Court Affordable Housing project in the Village of Richmondville, Schoharie County. It is our understanding that this is a development project on a tract of vacant land within the Village. Based on our understanding of the project and the NYS Resources map created by Amanda Bailey on 5/10/2017 (attached), we have the following comments on the project:

### **STATE-LISTED SPECIES**

All threatened or endangered species are subject to regulation under Article 11, Title 5 of the Environmental Conservation Law and a permit is required for a taking of that species pursuant to 6 NYCRR Part 182. Besides death of individuals, taking includes harassment, interference with essential behaviors, and adverse modification of habitat. **If the site is in close proximity to known occurrences of state-protected species, additional information on the proposal will be required by the appropriate regional office for a determination on the need for an incidental take permit.**

We have reviewed the available information in the New York Natural Heritage Program database on known occurrences of rare or state-listed bat species. This project area does not occur in the immediate vicinity of known occurrences of rare or state-listed bat species (see NYS Resources map, attached). The major concern for bat species in relation to this project would be the destruction of potential roosts and roosting habitat that may occur if tree clearing is required. Because this project does not take place within known occupied habitat, there are no restrictions on cutting.

The absence of data does not necessarily mean that any rare or state-listed bat species do not exist on or adjacent to the proposed site. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence of all rare or state-listed bat species. To avoid potential take, DEC *recommends* that any tree clearing be conducted between November 1 and March 31, when bats are inactive in hibernation sites. DEC also recommends that all snag and cavity trees remain uncut, unless their removal is necessary for protection of human life and property. For more information, please refer to the DEC Northern long-eared bat protective measures guidance, available at:

<http://www.dec.ny.gov/animals/106090.html>.



Department of  
Environmental  
Conservation

This document is only intended to address state-listed bat species. Other rare or state-listed species, natural communities or other significant habitats may exist within the project area and would require additional review. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

**OTHER**

**USFWS Cortland Field Office**

If a federal agency is involved in the project, or if federal funding is used, there are additional considerations for federally listed species. Section 7(a)(1) of the Endangered Species Act requires federal agencies to use their authorities to conserve listed species. Section 7(a)(2) requires federal agencies to consult on any action that may affect a listed species.

Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and you should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year unless you are otherwise notified. Applications may be downloaded from our website at [www.dec.ny.gov](http://www.dec.ny.gov) under "Programs" then "Division of Environmental Permits."

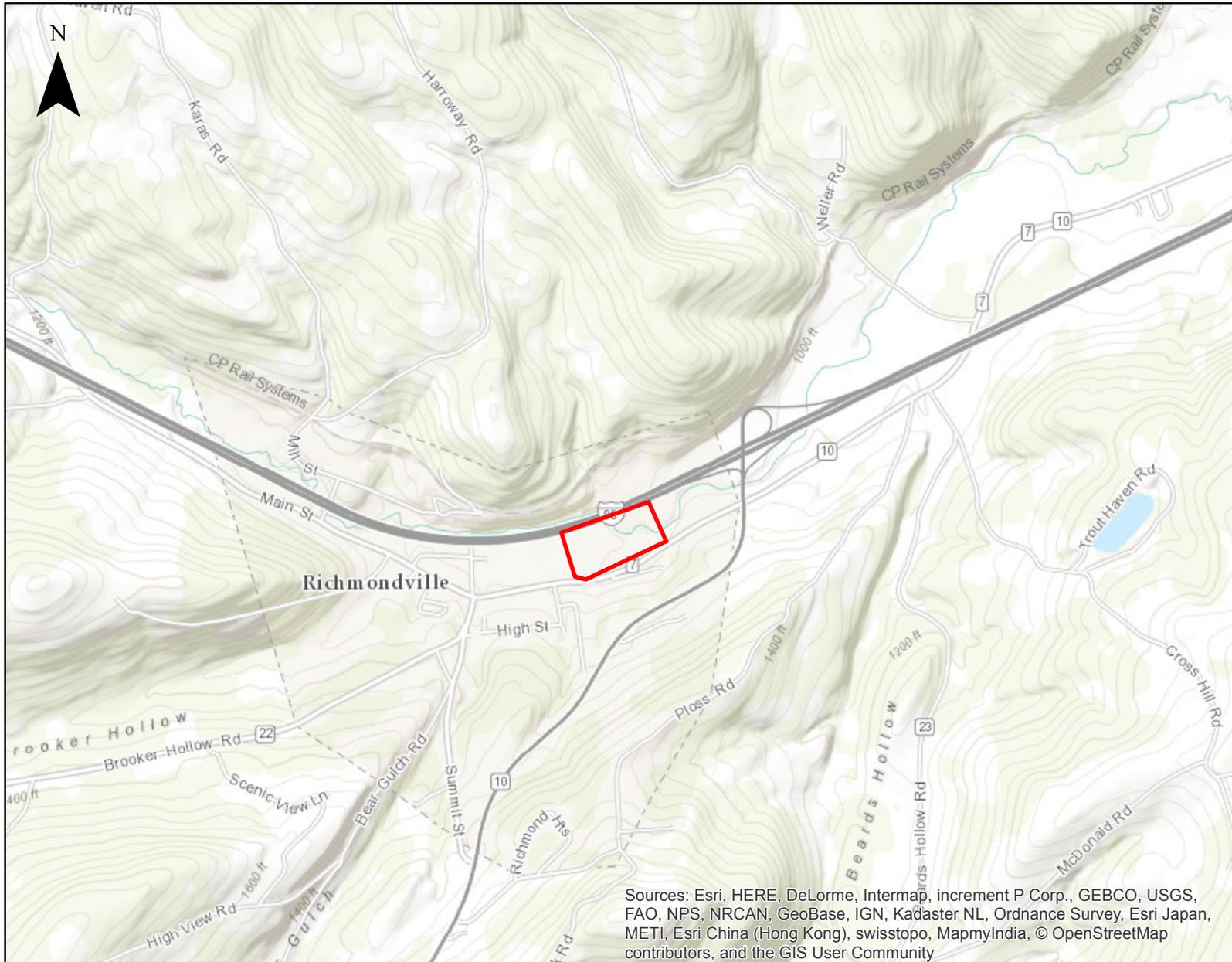
Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Amanda Bailey". The signature is written in a cursive, flowing style.

Amanda Bailey  
Division of Fish and Wildlife  
[Amanda.bailey@dec.ny.gov](mailto:Amanda.bailey@dec.ny.gov)  
518-402-8859

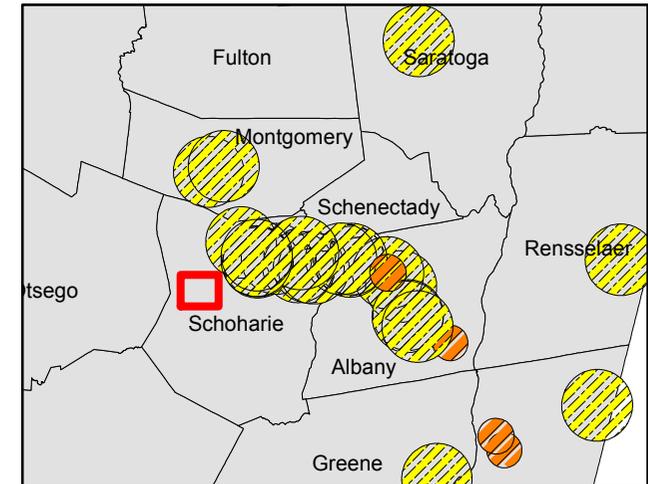
Cc: Alicia Shultz, Governor's Office of Storm Recovery  
William Clarke, NYSDEC Region 4 Environmental Permits  
Paul Novak, NYSDEC Wildlife Biologist, Region 4  
May O'Malley, NYSDEC Division of Environmental Permits



# NYS Resources Map

## Candlewood Court Affordable Housing Project Village of Richmondville, Schoharie County

Prepared by AMB on 5/10/2017



 Project Area

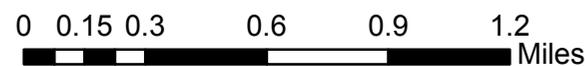
### Bat Occurrences

 Indiana Bat

 Northern Long-eared Bat



**Department of  
Environmental  
Conservation**



1 inch = 2,500 feet

Disclaimer: this map was prepared by the NYSDEC using the most current data available. It is deemed accurate but is not guaranteed. NYSDEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data. This map may contain information that is considered sensitive and therefore the distribution of this map is strictly prohibited.

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program  
625 Broadway, Fifth Floor, Albany, NY 12233-4757  
P: (518) 402-8935 | F: (518) 402-8925  
[www.dec.ny.gov](http://www.dec.ny.gov)

May 1, 2017

Lori Shirley  
Governor's Office of Storm Recovery  
30-40 State St., Hampton Plaza  
Albany, NY 12207

Re: Candlewood Court Affordable Housing project, Village of Richmondville  
County: Schoharie Town/City: Richmondville

Dear Ms. Shirley:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 4 Office, Division of Environmental Permits, as listed at [www.dec.ny.gov/about/39381.html](http://www.dec.ny.gov/about/39381.html).

Sincerely,



Nicholas Conrad  
Information Resources Coordinator  
New York Natural Heritage Program



**Governor's Office of  
Storm Recovery**

**ANDREW M. CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

*Via Electronic Mail*

April 3, 2017

Andrea Chaloux  
Environmental Review Specialist  
New York Natural Heritage Program  
NYSDEC  
625 Broadway, 5th Floor  
Albany, New York 12233-4757

Re: Natural Heritage Compliance Process for the Candlewood Court Affordable Housing project, Village of Richmondville, Schoharie County, New York

Dear Ms. Chaloux:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is conducting an environmental review under HUD's environmental review regulations (24 CFR Part 58) and New York State's Environmental Quality Review Act (SEQRA) for the Candlewood Court Affordable Housing project, located in the Village of Richmondville, Schoharie County, New York (see **Figures 1 and 2**).

The purpose of this letter is to request a search of the files of the New York Natural Heritage Program for records of the occurrence of any rare animals, plants, and natural communities and/or significant wildlife habitats in the vicinity of this project. The information we receive will be used in NEPA and SEQRA documentation and/or any permit applications. We will retain the confidentiality, as needed, of any information received.

Program Overview: Early this year, the applicant, Housing Visions, was contacted by Schoharie Area Long Term, Inc. (SALT), a small nonprofit that formed in the wake of Hurricane Irene to rebuild properties throughout the Schoharie Creek Basin, which was devastated by the storm. With the majority of the rebuilding complete, SALT is shifting its focus toward sustainable community and economic development and renewal. Housing Visions and SALT identified the Village of Richmondville in Schoharie County as an area that was dramatically affected by Tropical Storms Sandy and Lee as well as Hurricane Irene. The proposed project has strong support from the Village of Richmondville.

Proposed Project Description: The development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7). The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two – 20, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated

with other non-residential uses to establish a new “gateway” into Richmondville. The units will be targeted to individuals and families earning 80 percent of Area Median Income and below.

The project will consist of two separate buildings on two separate lots. Total acreage of the project is five acres. The buildings will be approximately 23,600 sf and will consist of approximately 12-one bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available.

Compliance: According to information reviewed from the New York State Environmental Resource Mapper (ERM), the project area is not within an area of significant natural communities, and no rare plants or animals exist within the project area (see attached **Figure 4**). The proposed project would involve ground disturbance but no tree removal. As such, GOSR respectfully requests that the New York Natural Heritage Program review its records of concern for any rare or state-listed animals or plants, or significant natural communities, at this site or in its immediate vicinity. In addition, information regarding the presence of any other species or habitats of special concern in the vicinity of the proposed projects is also requested.

If you have questions or require additional information regarding this request, please contact Lori A. Shirley at (518) 474-0755 or [Lori.Shirley@nyshcr.org](mailto:Lori.Shirley@nyshcr.org). Thank you for your time and consideration.

Sincerely,



Lori A. Shirley  
Certifying Officer  
NYS Governor’s Office of Storm Recovery

Enclosures:

- Figure 1: Project Location Map
- Figure 2: Topographic Map
- Figure 3: Site Plan
- Figure 4: Environmental Resource Mapper Findings

# DETAIL MAP - 4827380.2S



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



-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

**Figure 1**

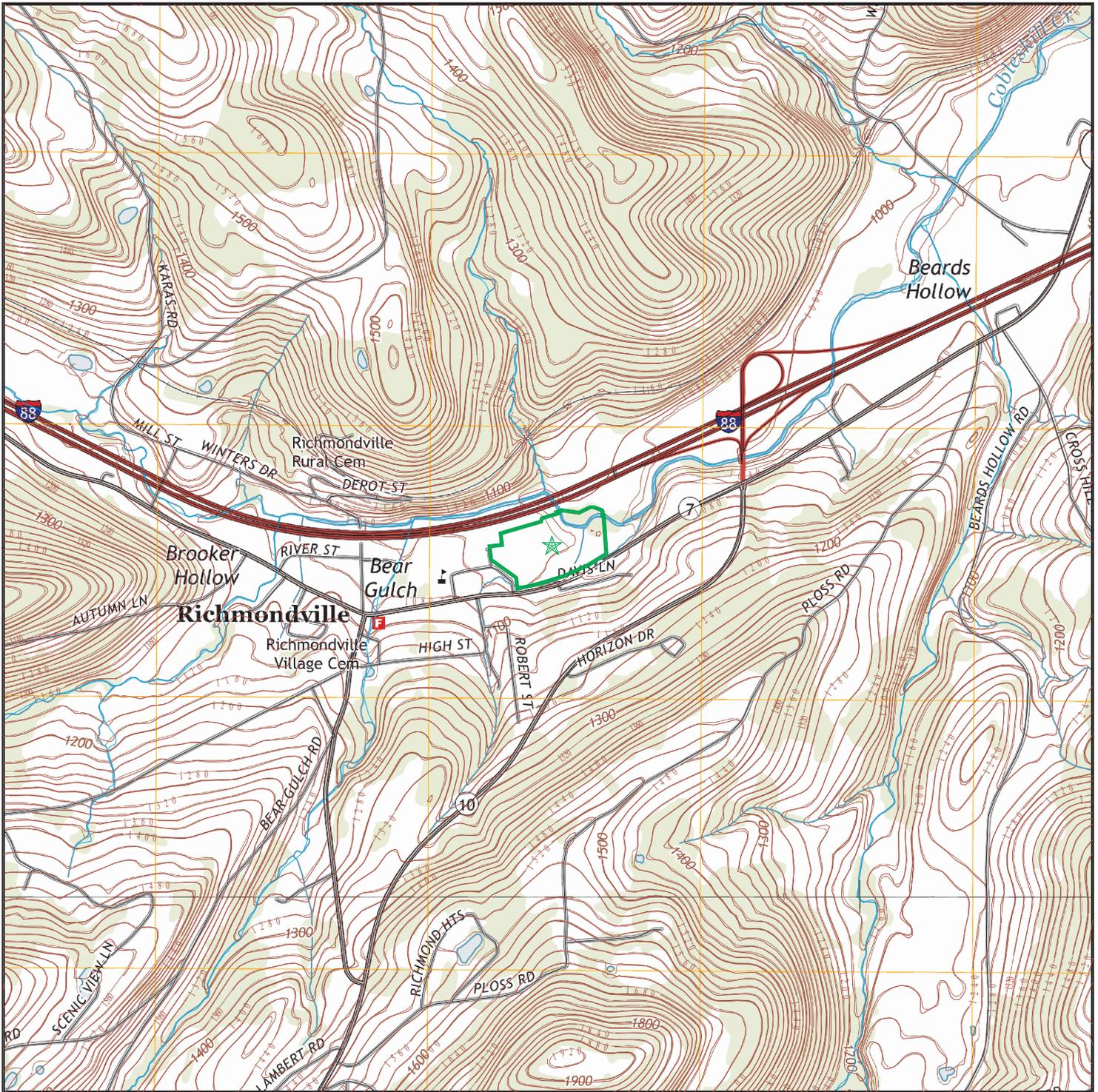


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

# OVERVIEW MAP - 4827380.2S



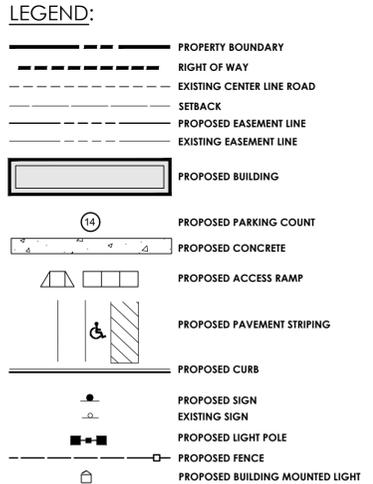
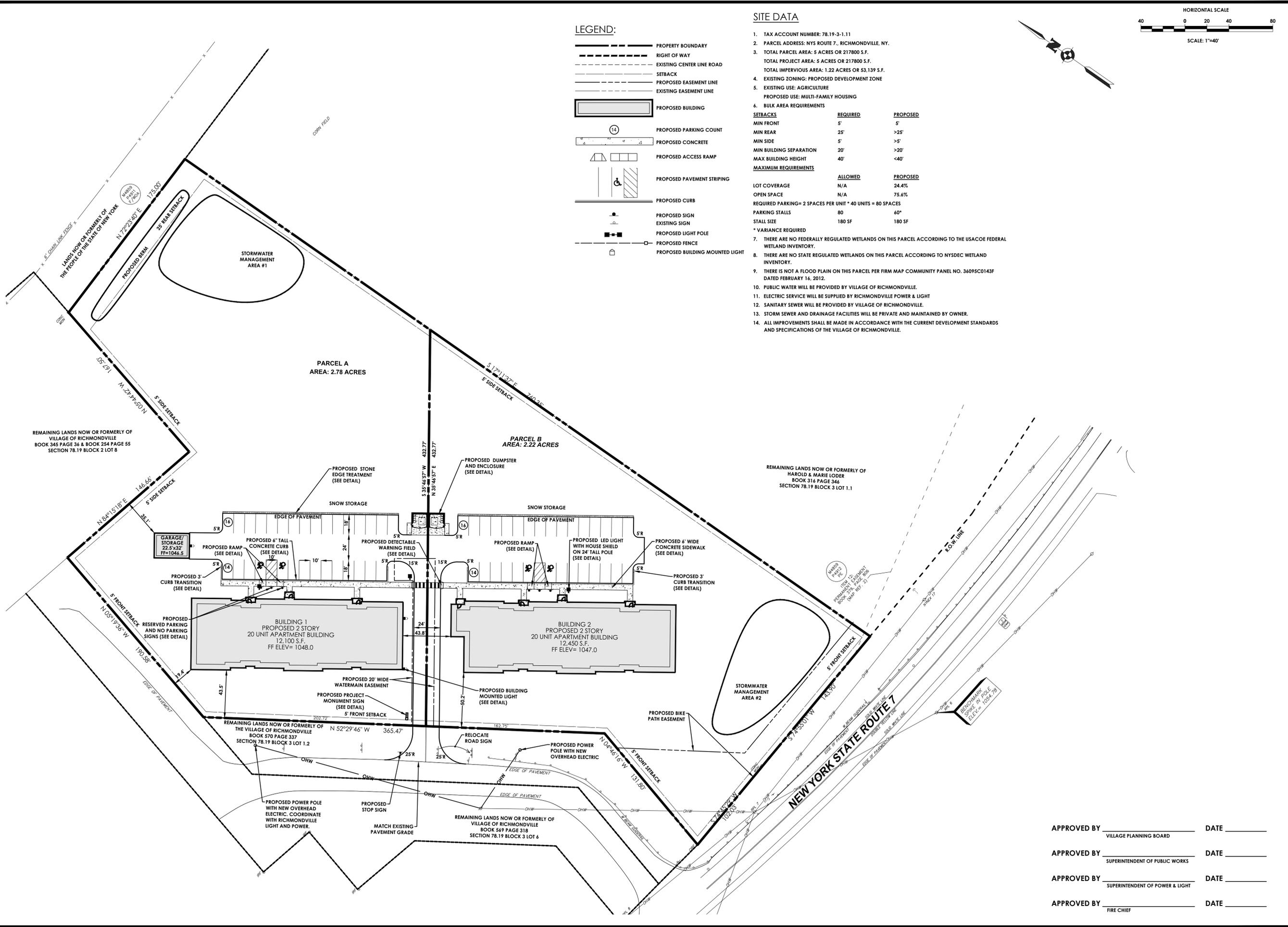
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

**Figure 2**

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: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2S  
 DATE: January 13, 2017 9:56 am

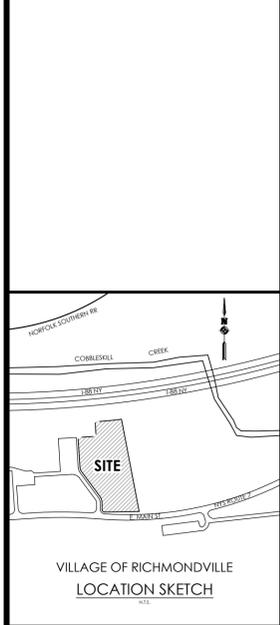
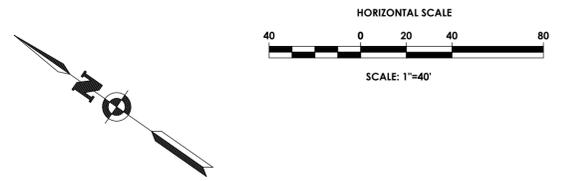


**SITE DATA**

- TAX ACCOUNT NUMBER: 78.19-3-1.11
- PARCEL ADDRESS: NYS ROUTE 7, RICHMONDVILLE, NY.
- TOTAL PARCEL AREA: 5 ACRES OR 217800 S.F.  
TOTAL PROJECT AREA: 5 ACRES OR 217800 S.F.  
TOTAL IMPERVIOUS AREA: 1.22 ACRES OR 53,139 S.F.
- EXISTING ZONING: PROPOSED DEVELOPMENT ZONE
- EXISTING USE: AGRICULTURE  
PROPOSED USE: MULTI-FAMILY HOUSING
- BULK AREA REQUIREMENTS
 

SETBACKS	REQUIRED	PROPOSED
MIN FRONT	5'	5'
MIN REAR	25'	>25'
MIN SIDE	5'	>5'
MIN BUILDING SEPARATION	20'	>20'
MAX BUILDING HEIGHT	40'	<40'
- MAXIMUM REQUIREMENTS
 

	ALLOWED	PROPOSED
LOT COVERAGE	N/A	24.4%
OPEN SPACE	N/A	75.6%
- REQUIRED PARKING= 2 SPACES PER UNIT \* 40 UNITS = 80 SPACES
- PARKING STALLS: 80 (REQUIRED) vs 60 (PROPOSED)
- STALL SIZE: 180 SF (REQUIRED) vs 180 SF (PROPOSED)
- \* VARIANCE REQUIRED
- THERE ARE NO FEDERALLY REGULATED WETLANDS ON THIS PARCEL ACCORDING TO THE USACE FEDERAL WETLAND INVENTORY.
- THERE ARE NO STATE REGULATED WETLANDS ON THIS PARCEL ACCORDING TO NYSDEC WETLAND INVENTORY.
- THERE IS NOT A FLOOD PLAIN ON THIS PARCEL PER FIRM MAP COMMUNITY PANEL NO. 36095C0143F DATED FEBRUARY 16, 2012.
- PUBLIC WATER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- ELECTRIC SERVICE WILL BE SUPPLIED BY RICHMONDVILLE POWER & LIGHT
- SANITARY SEWER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- STORM SEWER AND DRAINAGE FACILITIES WILL BE PRIVATE AND MAINTAINED BY OWNER.
- ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT STANDARDS AND SPECIFICATIONS OF THE VILLAGE OF RICHMONDVILLE.



Client:  
Housing Visions  
1201 East Fayette St  
Syracuse, NY 13210

**PASSERO ASSOCIATES**  
242 West Main Street Suite 100  
Rochester, New York 14614  
(585) 325-1000  
Fax: (585) 325-1691  
Principal-in-Charge: John F. Caruso, P.E.  
Project Manager: David L. Cox, P.E.  
Designed by: Joe Kellenberger



Revisions

No.	Date	By	Description
1			

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS IN VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7309 AND ARTICLE 149 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTED ©

**SITE PLAN**

**CANDLEWOOD COURT**

Village: RICHMONDVILLE  
County: SCHOHARIE State: New York

Project No. **20172356.0001**

Drawing No. **C 101** Sheet No. **1**

Scale: **1" = 40'**

Date: **MARCH 2017**

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
VILLAGE PLANNING BOARD

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SUPERINTENDENT OF PUBLIC WORKS

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SUPERINTENDENT OF POWER & LIGHT

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
FIRE CHIEF

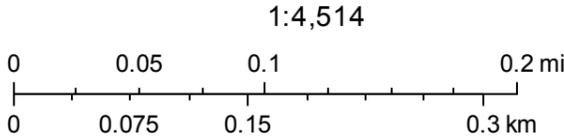
Z:\2017\20172356\20172356.0001\DRAWINGS\ENGINEERING\20172356.0001\_SITE\_LANDSCAPE.DWG 3/15/2017 5:46 PM David Cox

# Candlewood Court, 362 Main Street, Richmondville



March 31, 2017

Figure 4- Environmental Resource Mapper



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community  
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Appendix G – Explosive and Flammable Hazards

# TECHNICAL MEMORANDUM



TO: Diana Jakimoski  
Housing Visions Unlimited, Inc.  
1201 E. Fayette Street  
Syracuse, New York 13210

FROM: James D. MacKecknie  
Ravi Engineering & Land Surveying, P.C.

DATE: March 20, 2017

PROJECT: Thermal Explosive Hazard Assessment  
Candlewood Court I & II  
Village of Richmondville, New York 12149

SUBJECT: **ITEM #18: THERMAL EXPLOSIVE HAZARDS**

---

## PURPOSE

The purpose of this memorandum is to discuss the findings of a thermal explosive hazard assessment for the proposed Candlewood Court I & II project located at the vacant property on the north side of East Main Street, adjacent to Joseph B. Radez Elementary School in the Village of Richmondville, Schoharie County, New York (Figure 1). It is understood that the findings presented in this memorandum were requested by the New York State Governor's Office of Storm Recovery as a portion of required environmental documentation for the proposed low to moderate income housing in Richmondville, New York.

## INTRODUCTION

Ravi Engineering & Land Surveying, P.C. (RE&LS) has performed a thermal explosive hazard assessment of the proposed project site. This thermal explosive hazards assessment required identification of any outdoor aboveground storage tanks containing explosive and flammable materials within the acceptable separation distances, as defined in 40 CFR Part 51 subpart C-Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature. Prior to conducting the site visit (Figure 2, Attachment A) the following items were reviewed:

*Figure 1: Project Location Map*

*Figure 2: Photo Location Map*

*Attachment A: Ground Photos*

*Attachment B: 24 CFR Part 51 Subpart C-Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature*

*Attachment C: Environmental Data Resources (EDR) Radius Map Report*

*Attachment D: NYSDEC Bulk Storage Database Search Details*

## **ITEM #18: THERMAL EXPLOSIVE HAZARDS**

This project is subject to the requirements of 24 CFR Part 51 Subpart C-Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature (Attachment B).

A field visit was conducted on March 3, 2017 at the proposed project site and surrounding areas to identify:

1. Above-ground (outdoor) storage tanks (ASTs) which store flammable or explosive gasses (i.e. propane) within 1,000-foot radius of the site;
2. ASTs (outdoor) exceeding 100 gallons which store flammable or explosive liquids within 1,000-foot radius of the site; or
3. ASTs (outdoor) that exceed 20,000 gallons and are within 1 mile of the site.

The Acceptable Separation Distances (ASD) are described in 24 CFR Part 51 subpart C. Before the field study was conducted, excerpts from the Environmental Data Resources (EDR) Radius Map Report were reviewed to identify Petroleum Bulk Storage (PBS) facilities within the ASD of the proposed project location (Attachment C).

One New York State Department of Environmental Conservation (NYSDEC) registered AST was identified within 1,000-feet of the Site. NYSDEC records indicate the tank is currently in service, stores up to 1,000 gallons of #2 fuel oil for on-site consumption, is constructed as a steel tank encased in concrete with a painted/asphalt coating and includes a secondary containment of a vault with no access available (Attachment D). During the field study, this tank was observed on the property indicated by NYSDEC records which encroaches on the ASD for the proposed project location; however there is a building directly adjacent to the AST which would act as a blast barrier between the proposed project location and the tank.

No other PBS facilities registered with the NYSDEC were identified within the ASD of the proposed project location.

One AST was identified within 1 mile of the site which appeared to exceed 20,000 gallons in capacity. Further investigation of property ownership information revealed that the parcel is owned by the Village of Richmondville and is maintained by the local water authority. The tank is used for the storage of water only, and therefore is not a potentially explosive hazard.

## **SUMMARY**

Based on a review of available mapping, relevant databases, correspondence with pertinent individuals and agencies, and the field study, thermal explosive hazards are not of concern relative to the proposed construction of the Candlewood Court I & II apartment buildings.

**END OF TECHNICAL MEMORANDUM**

## FIGURES

Figure 1: Project Location Map

Figure 2: Photo Location Map

Attachment A: Ground Photos

Attachment B: 24 CFR Part 51 Subpart C-Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature

Attachment C: Excerpts from the Environmental Data Resources (EDR) Radius Map Report

Attachment D: NYSDEC Bulk Storage Database Search Details

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

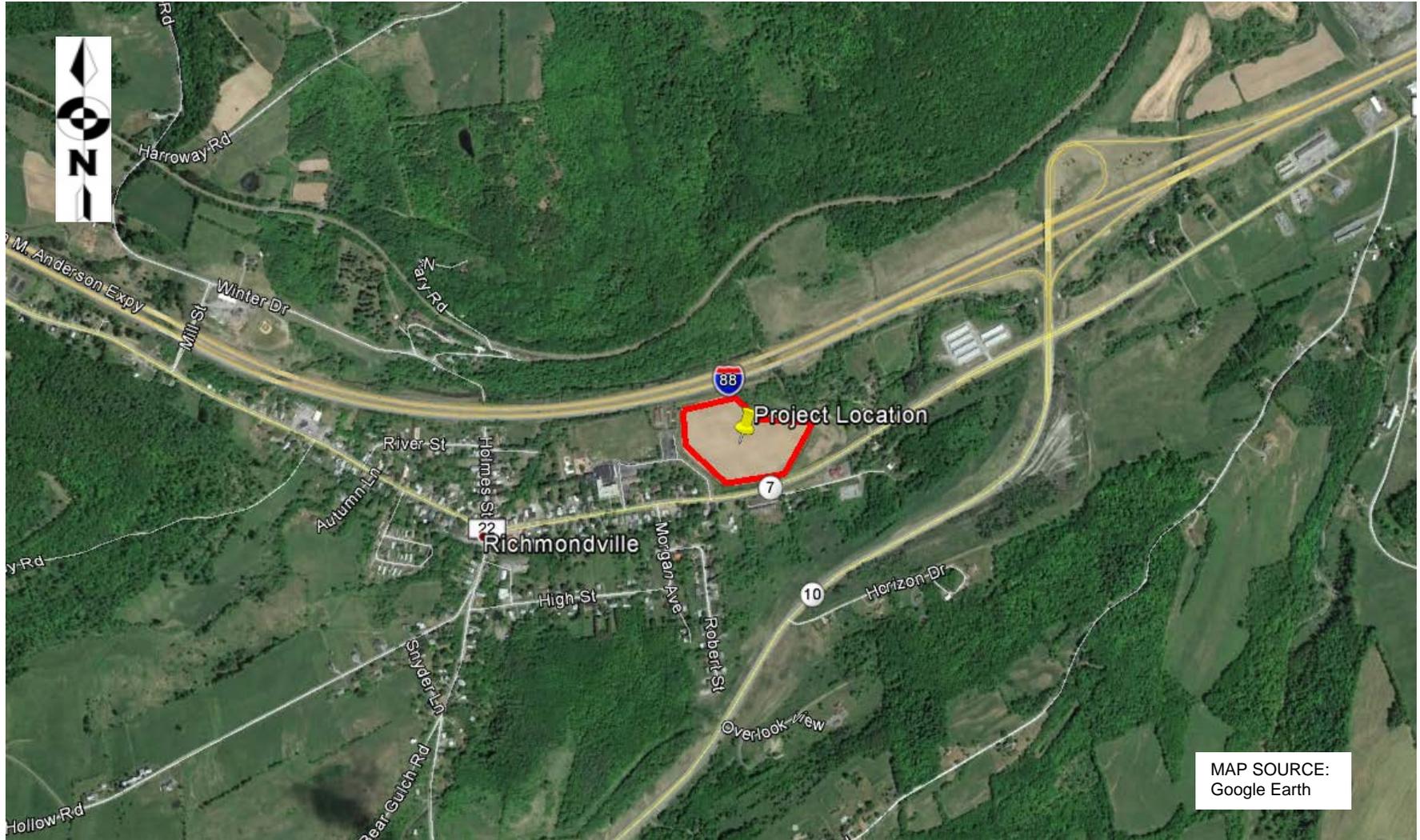
FIGURE 1

*Project Location Map*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



MAP SOURCE:  
Google Earth

  
**RAVI ENGINEERING  
& LAND SURVEYING, P.C.**  
 2110 SOUTH CLINTON AVENUE, SUITE 1  
 ROCHESTER, NEW YORK 14618  
 TL: (585) 223-3660    FX (585) 223-4250

RICHMONDVILLE THERMAL EXPLOSIVE HAZARD ASSESSMENT  
 VILLAGE OF RICHMONDVILLE, SCHOHARIE COUNTY, NEW YORK 12149

PROJECT NO.  
 40/45-17-008C

DATE:  
 3/6/2017

PROJECT LOCATION MAP

SCALE:  
 N.T.S.

DRAWING NO:  
 1

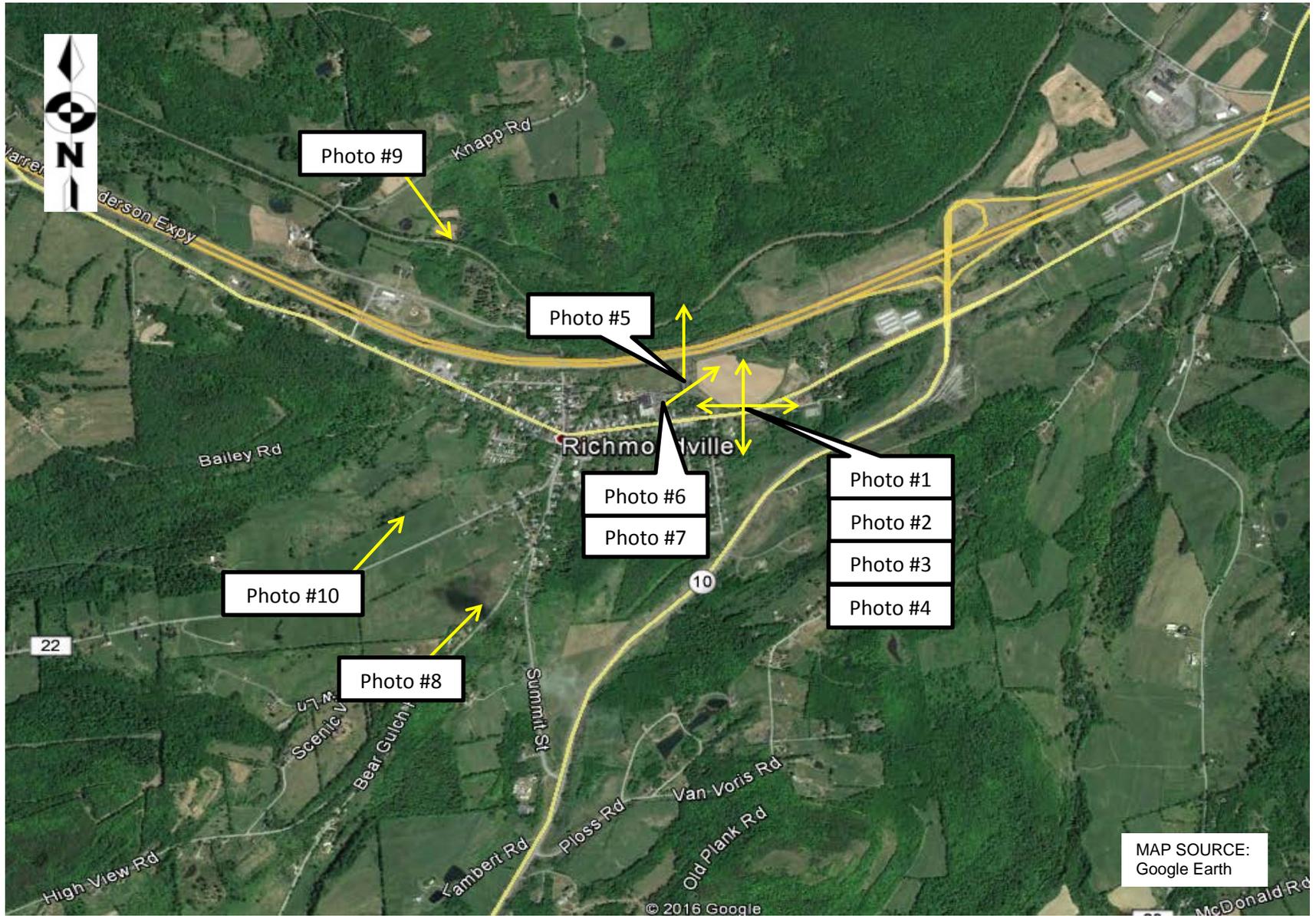
**FIGURE 2**

*Photo Location Map*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



  
**RAVI ENGINEERING  
& LAND SURVEYING, P.C.**  
 2110 SOUTH CLINTON AVENUE, SUITE 1  
 ROCHESTER, NEW YORK 14618  
 TL: (585) 223-3660 FX (585) 223-4250

RICHMONDVILLE NOISE AND THERMAL EXPLOSIVE HAZARD ASSESSMENTS  
 VILLAGE OF RICHMONDVILLE, SCHOHARIE COUNTY, NEW YORK 12149

PROJECT NO.  
 40/45-17-008C

DATE:  
 3/6/2017

PHOTO LOCATION MAP

SCALE:  
 N.T.S.

DRAWING NO:  
 2

**ATTACHMENT A**

*Ground Photos*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



*Looking north across the Site*



*Looking east from the Site*



*Senior townhomes to the south of the Site*



*Looking west from the Site*



*Wastewater treatment plant adjacent to the Site*



*AST on school property adjacent to the Site*



*Signage on AST adjacent to the Site*



*Water tank within 1.0 mile of the Site*



*Scenic view of the Village of Richmondville looking south*



*Scenic view of the Village of Richmondville looking northeast*

**ATTACHMENT B**

*24 CFR Part 51 Subpart C-Siting of HUD-Assisted Projects  
Near Hazardous Operations Handling Conventional Fuels or  
Chemicals of an Explosive or Flammable Nature*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

Specification for Type 1 Sound Level Meters S1.4-1971.

3. Loud Impulsive Sounds. When loud impulsive sounds such as sonic booms or explosions are anticipated contributors to the noise environment at a site, the contribution to day-night average sound level produced by the loud impulsive sounds shall have 8 decibels added to it in assessing the acceptability of a site.

A loud impulsive sound is defined for the purpose of this regulation as one for which:

(i) The sound is definable as a discrete event wherein the sound level increases to a maximum and then decreases in a total time interval of approximately one second or less to the ambient background level that exists without the sound; and

(ii) The maximum sound level (obtained with slow averaging time and A-weighting of a Type 1 sound level meter whose characteristics comply with ANSI S1.4-1971) exceeds the sound level prior to the onset of the event by at least 6 decibels; and

(iii) The maximum sound level obtained with fast averaging time of a sound level meter exceeds the maximum value obtained with slow averaging time by at least 4 decibels.

[44 FR 40861, July 12, 1979; 49 FR 10253, Mar. 20, 1984; 49 FR 12214, Mar. 29, 1984]

### **Subpart C—Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature**

AUTHORITY: 42 U.S.C. 3535(d).

SOURCE: 49 FR 5103, Feb. 10, 1984, unless otherwise noted.

#### **§ 51.200 Purpose.**

The purpose of this subpart C is to:

(a) Establish safety standards which can be used as a basis for calculating acceptable separation distances (ASD) for HUD-assisted projects from specific, stationary, hazardous operations which store, handle, or process hazardous substances;

(b) Alert those responsible for the siting of HUD-assisted projects to the inherent potential dangers when such projects are located in the vicinity of such hazardous operations;

(c) Provide guidance for identifying those hazardous operations which are most prevalent;

(d) Provide the technical guidance required to evaluate the degree of danger anticipated from explosion and thermal radiation (fire); and

(e) Provide technical guidance required to determine acceptable separation distances from such hazards.

[49 FR 5103, Feb. 10, 1984, as amended at 61 FR 13334, Mar. 26, 1996]

#### **§ 51.201 Definitions.**

The terms Department and Secretary are defined in 24 CFR part 5.

Acceptable separation distance (ASD)—means the distance beyond which the explosion or combustion of a hazard is not likely to cause structures or individuals to be subjected to blast overpressure or thermal radiation flux levels in excess of the safety standards in § 51.203. The ASD is determined by applying the safety standards established by this subpart C to the guidance set forth in HUD Guidebook, "Siting of HUD-Assisted Projects Near Hazardous Facilities."

## § 51.202

**Blast overpressure**—means the pressure, in pounds per square inch, in excess of normal atmospheric pressure on the surrounding medium caused by an explosion.

**Danger zone**—means the land area circumscribed by the radius which delineates the ASD of a given hazard.

**Hazard**—means any stationary container which stores, handles or processes hazardous substances of an explosive or fire prone nature. The term “hazard” does not include pipelines for the transmission of hazardous substances, if such pipelines are located underground or comply with applicable Federal, State and local safety standards. Also excepted are: (1) Containers with a capacity of 100 gallons or less when they contain common liquid industrial fuels, such as gasoline, fuel oil, kerosene and crude oil since they generally would pose no danger in terms of thermal radiation of blast overpressure to a project; and (2) facilities which are shielded from a proposed HUD-assisted project by the topography, because these topographic features effectively provide a mitigating measure already in place.

**Hazardous substances**—means petroleum products (petrochemicals) and chemicals that can produce blast overpressure or thermal radiation levels in excess of the standards set forth in § 51.203. A specific list of hazardous substance is found in appendix I to this subpart.

**HUD-assisted project**—the development, construction, rehabilitation, modernization or conversion with HUD subsidy, grant assistance, loan, loan guarantee, or mortgage insurance, of any project which is intended for residential, institutional, recreational, commercial or industrial use. For purposes of this subpart the terms “rehabilitation” and “modernization” refer only to such repairs and renovation of a building or buildings as will result in an increased number of people being exposed to hazardous operations by increasing residential densities, converting the type of use of a building to habitation, or making a vacant building habitable.

**Thermal radiation level**—means the emission and propagation of heat energy through space or a material me-

## 24 CFR Subtitle A (4-1-04 Edition)

dium, expressed in BTU per square foot per hour (BTU/ft.<sup>2</sup> hr.).

[49 FR 5103, Feb. 10, 1984, as amended at 61 FR 5204, Feb. 9, 1996; 61 FR 13334, Mar. 26, 1996]

### § 51.202 Approval of HUD-assisted projects.

(a) The Department will not approve an application for assistance for a proposed project located at less than the acceptable separation distance from a hazard, as defined in § 51.201, unless appropriate mitigating measures, as defined in § 51.205, are implemented, or unless mitigating measures are already in place.

(b) In the case of all applications for proposed HUD-assisted projects, the Department shall evaluate projected development plans in the vicinity of these projects to determine whether there are plans to install a hazardous operation in close proximity to the proposed project. If the evaluation shows that such a plan exists, the Department shall not approve assistance for the project unless the Department obtains satisfactory assurances that adequate mitigating measures will be taken when the hazardous operation is installed.

[49 FR 5103, Feb. 10, 1984, as amended at 61 FR 13334, Mar. 26, 1996]

### § 51.203 Safety standards.

The following standards shall be used in determining the acceptable separation distance of a proposed HUD-assisted project from a hazard:

(a) Thermal Radiation Safety Standard. Projects shall be located so that:

(1) The allowable thermal radiation flux level at the building shall not exceed 10,000 BTU/sq. ft. per hr.;

(2) The allowable thermal radiation flux level for outdoor, unprotected facilities or areas of congregation shall not exceed 450 BTU/sq. ft. per hour.

(b) Blast Overpressure Safety Standard. Projects shall be located so that the maximum allowable blast overpressure at both buildings and outdoor, unprotected facilities or areas shall not exceed 0.5 psi.

(c) If a hazardous substance constitutes both a thermal radiation and blast overpressure hazard, the ASD for each hazard shall be calculated, and

the larger of the two ASDs shall be used to determine compliance with this subpart.

(d) Background information on the standards and the logarithmic thermal radiation and blast overpressure charts that provide assistance in determining acceptable separation distances are contained in appendix II to this subpart C.

[49 FR 5103, Feb. 10, 1984, as amended at 61 FR 13334, Mar. 26, 1996]

**§ 51.204 HUD-assisted hazardous facilities.**

In reviewing applications for proposed HUD-assisted projects involving the installation of hazardous facilities, the Department shall ensure that such hazardous facilities are located at an acceptable separation distance from residences and from any other facility or area where people may congregate or be present. The mitigating measures listed in § 51.205 may be taken into account in determining compliance with this section.

**§ 51.205 Mitigating measures.**

Application of the standards for determining an Acceptable Separation Distance (ASD) for a HUD-assisted project from a potential hazard of an explosion or fire prone nature is predicated on level topography with no intervening object(s) between the hazard and the project. Application of the standards can be eliminated or modified if:

(a) The nature of the topography shields the proposed project from the hazard.

(b) An existing permanent fire resistant structure of adequate size and strength will shield the proposed project from the hazard.

(c) A barrier is constructed surrounding the hazard, at the site of the project, or in between the potential hazard and the proposed project.

(d) The structure and outdoor areas used by people are designed to withstand blast overpressure and thermal radiation anticipated from the potential hazard (e.g., the project is of masonry and steel or reinforced concrete and steel construction).

**§ 51.206 Implementation.**

This subpart C shall be implemented for each proposed HUD-assisted project by the HUD approving official or responsible entity responsible for review of the project. The implementation procedure will be part of the environmental review process in accordance with the procedures set forth in 24 CFR parts 50 and 58.

[61 FR 13334, Mar. 26, 1996]

**§ 51.207 Special circumstances.**

The Secretary or the Secretary's designee may, on a case-by-case basis, when circumstances warrant, require the application of this subpart C with respect to a substance not listed in appendix I to this subpart C that would create thermal or overpressure effect in excess of that listed in § 51.203.

[61 FR 13334, Mar. 26, 1996]

**§ 51.208 Reservation of administrative and legal rights.**

Publication of these standards does not constitute a waiver of any right: (a) Of HUD to disapprove a project proposal if the siting is too close to a potential hazard not covered by this subpart, and (b) of HUD or any person or other entity to seek to abate or to collect damages occasioned by a nuisance, whether or not covered by the subpart.

APPENDIX I TO SUBPART C OF PART 51—  
SPECIFIC HAZARDOUS SUBSTANCES

The following is a list of specific petroleum products and chemicals defined to be hazardous substances under § 51.201.

HAZARDOUS LIQUIDS

Acetic Acid	Cyclohexane
Acetic Anhydride	No. 2 Diesel Fuel
Acetone	Ethyl Acetate
Acrylonitrile	Ethyl Acrylate
Amyl Acetate	Ethyl Alcohol
Amyl Alcohol	Ethyl Benzene
Benzene	Ethyl Dichloride
Butyl Acetate	Ethyl Ether
Butyl Acrylate	Gasoline
Butyl Alcohol	Heptane
Carbon Bisulfide	Hexane
Carbon Disulfide	Isobutyl Acetate
Cellosolve	Isobutyl Alcohol
Cresols	Isopropyl Acetate
Crude Oil	Isopropyl Alcohol
(Petroleum)	Jet Fuel and
Cumene	Kerosene

Methyl Alcohol	Pentane
Methyl Amyl Alcohol	Propylene Oxide
Methyl Cellosolve	Toluene
Methyl Ethyl Ketone	Vinyl Acetate
Naptha	Xylene

HAZARDOUS GASES

Acetaldehyde	Liquefied Natural
Butadiene	Gas (LNG)
Butane	Liquefied Petroleum
Ethene	Gas (LPG)
Ethylene	Propane
Ethylene Oxide	Propylene
Hydrogen	Vinyl Chloride

(Primary Source: "Urban Development Siting with respect to Hazardous Commercial/Industrial Facilities," by Rolf Jensen and Associates, Inc., April 1982)

[49 FR 5105, Feb. 10, 1984; 49 FR 12214, Mar. 29, 1984]

APPENDIX II TO SUBPART C OF PART 51—  
DEVELOPMENT OF STANDARDS; CAL-  
CULATION METHODS

I. Background Information Concerning the  
Standards

(a) Thermal Radiation:

(1) Introduction. Flammable products stored in above ground containers represent a definite, potential threat to human life and structures in the event of fire. The resulting fireball emits thermal radiation which is absorbed by the surroundings. Combustible structures, such as wooden houses, may be ignited by the thermal radiation being emitted. The radiation can cause severe burn, injuries and even death to exposed persons some distance away from the site of the fire.

(2) Criteria for Acceptable Separation Distance (ASD). Wooden buildings, window drapes and trees generally ignite spontaneously when exposed for a relatively long period of time to thermal radiation levels of approximately 10,000 Btu/hr. sq. ft. It will take 15 to 20 minutes for a building to ignite at that degree of thermal intensity. Since the reasonable response time for fire fighting units in urbanized areas is approximately five to ten minutes, a standard of 10,000 BTU/hr. sq. ft. is considered an acceptable level of thermal radiation for buildings.

People in outdoor areas exposed to a thermal radiation flux level of approximately 1,500 Btu/ft<sup>2</sup> hr will suffer intolerable pain after 15 seconds. Longer exposure causes blistering, permanent skin damage, and even death. Since it is assumed that children and the elderly could not take refuge behind walls or run away from the thermal effect of the fire within the 15 seconds before skin blistering occurs, unprotected (outdoor) areas, such as playgrounds, parks, yards, school grounds, etc., must be placed at such a distance from potential fire locations so

that the radiation flux level is well below 1500 Btu/ft<sup>2</sup> hr. An acceptable flux level, particularly for elderly people and children, is 450 Btu/ft<sup>2</sup> hr. The skin can be exposed to this degree of thermal radiation for 3 minutes or longer with no serious detrimental effect. The result would be the same as a bad sunburn. Therefore, the standard for areas in which there will be exposed people, e.g. outdoor recreation areas such as playgrounds and parks, is set at 450 Btu/hr. sq. ft. Areas covered also include open space ancillary to residential structures, such as yard areas and vehicle parking areas.

(3) Acceptable Separation Distance From a Potential Fire Hazard. This is the actual setback required for the safety of occupied buildings and their inhabitants, and people in open spaces (exposed areas) from a potential fire hazard. The specific distance required for safety from such a hazard depends upon the nature and the volume of the substance. The Technical Guidebook entitled "Urban Development Siting With Respect to Hazardous/Commercial Industrial Facilities," which supplements this regulation, contains the technical guidance required to compute Acceptable Separation Distances (ASD) for those flammable substances most often encountered.

(b) Blast Overpressure:

The Acceptable Separation Distance (ASD) for people and structures from materials prone to explosion is dependent upon the resultant blast measured in pounds per square inch (psi) overpressure. It has been determined by the military and corroborated by two independent studies conducted for the Department of Housing and Urban Development that 0.5 psi is the acceptable level of blast overpressure for both buildings and occupants, because a frame structure can normally withstand that level of external exertion with no serious structural damage, and it is unlikely that human beings inside the building would normally suffer any serious injury. Using this as the safety standard for blast overpressure, nomographs have been developed from which an ASD can be determined for a given quantity of hazardous substance. These nomographs are contained in the handbook with detailed instructions on their use.

(c) Hazard evaluation:

The Acceptable Separation Distances for buildings, which are determined for thermal radiation and blast overpressure, delineate separate identifiable danger zones for each potential accident source. For some materials the fire danger zone will have the greatest radius and cover the largest area, while for others the explosion danger zone will be the greatest. For example, conventional petroleum fuel products stored in unpressurized tanks do not emit blast overpressure of dangerous levels when ignited. In most cases, hazardous substances will be stored in

pressurized containers. The resulting blast overpressure will be experienced at a greater distance than the resulting thermal radiation for the standards set in Section 51.203. In any event the hazard requiring the greatest separation distance will prevail in determining the location of HUD-assisted projects.

The standards developed for the protection of people and property are given in the following table.

	Thermal radiation	Blast overpressure
Amount of acceptable exposure allowed for building structures.	10,000 BTU/ft <sup>2</sup> hr.	0.5 psi.
Amount of acceptable exposure allowed for people in open areas.	450 BTU/ft <sup>2</sup> hr ...	0.5 psi.

**Problem Example**

The following example is given as a guide to assist in understanding how the procedures are used to determine an acceptable separation distance. The technical data are found in the HUD Guidebook. Liquid propane is used in the example since it is both an explosion and a fire hazard.

In this hypothetical case a proposed housing project is to be located 850 feet from a 30,000 gallon liquid propane (LPG) tank. The

objective is to determine the acceptable separation distance from the LPG tank. Since propane is both explosive and fire prone it will be necessary to determine the ASD for both explosion and for fire. The greatest of the two will govern. There is no dike around the tank in this example.

Nomographs from the technical Guidebook have been reproduced to facilitate the solving of the problem.

**ASD For Explosion**

Use Figure 1 to determine the acceptable separation distance for explosion.

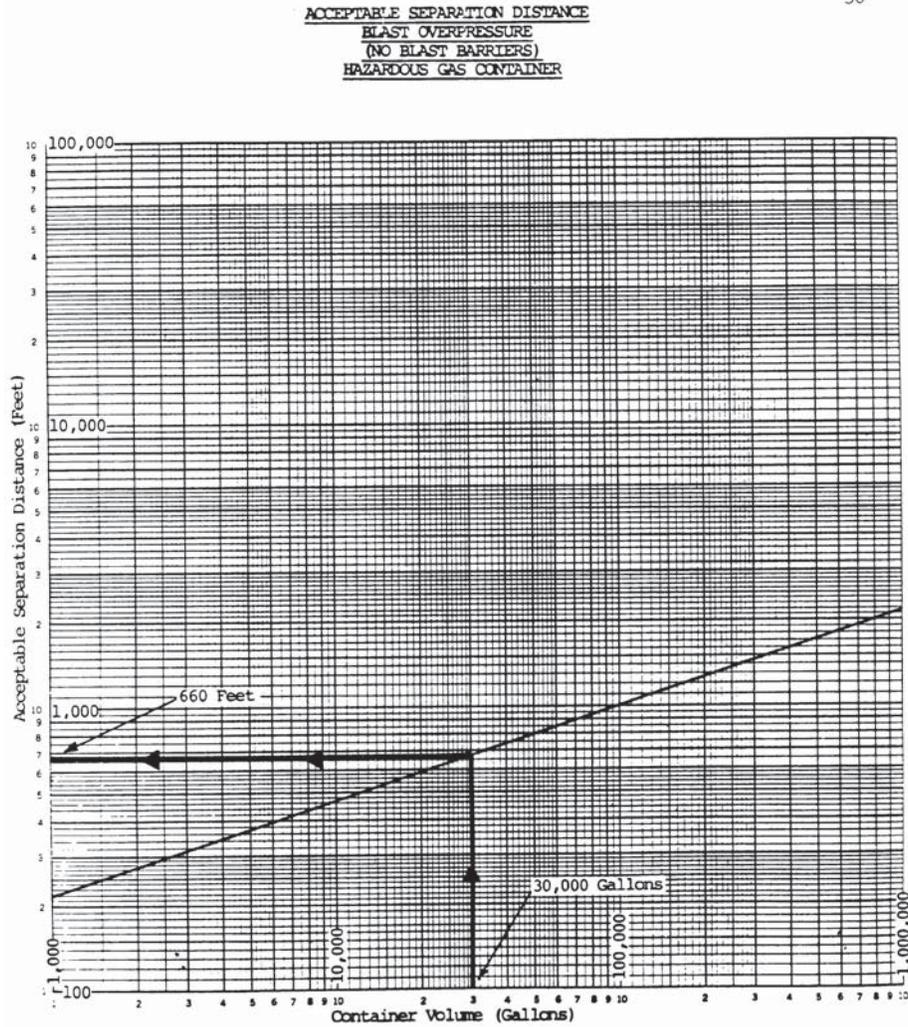
The graph depicted on Figure 1 is predicated on a blast overpressure of 0.5 psi.

The ASD in feet can be determined by applying the quantity of the hazard (in gallons) to the graph.

In this case locate the 30,000 gallon point on the horizontal axis and draw a vertical line from that point to the intersection with the straight line curve. Then draw a horizontal line from the point where the lines cross to the left vertical axis where the ACCEPTABLE SEPARATION DISTANCE of 660 feet is found.

Therefore the ASD for explosion is 660 feet

Since the proposed project site is located 850 feet from the tank it is located at a safe distance with regards to blast overpressure.



**ASD For Fire**

To determine the ASD for fire it will be necessary to first find the fire width (diameter of the fireball) on Figure 2. Then apply this to Figure 3 to determine the ASD.

Since there are two safety standards for fire: (a) 10,000 BTU/ft<sup>2</sup> hr. for buildings; and (b) 450 BTU/ft<sup>2</sup> hr. for people in exposed

areas, it will be necessary to determine an ASD for each.

To determine the fire width locate the 30,000 gallon point on the horizontal axis on Figure 2 and draw a vertical line to the straight line curve. Then draw a horizontal line from the point where the lines cross to the left vertical axis where the FIRE WIDTH is found to be 350 feet.

Now locate the 350 ft. point on the horizontal axis of Figure 3 and draw a vertical line from that point to curves 1 and 2. Then draw horizontal lines from the points where the lines cross to the left vertical axis where the ACCEPTABLE SEPARATION DISTANCES of 240 feet for buildings and 1,150 feet for exposure to people is found.

Based on this the proposed project site is located at a safe distance from a potential fireball. However, exposed playgrounds or other exposed areas of congregation must be at least 1,150 feet from the tank, or be appropriately shielded from a potential fireball. (Source: HUD Handbook, "Urban Development Siting With Respect to Hazardous Commercial/Industrial Facilities.")

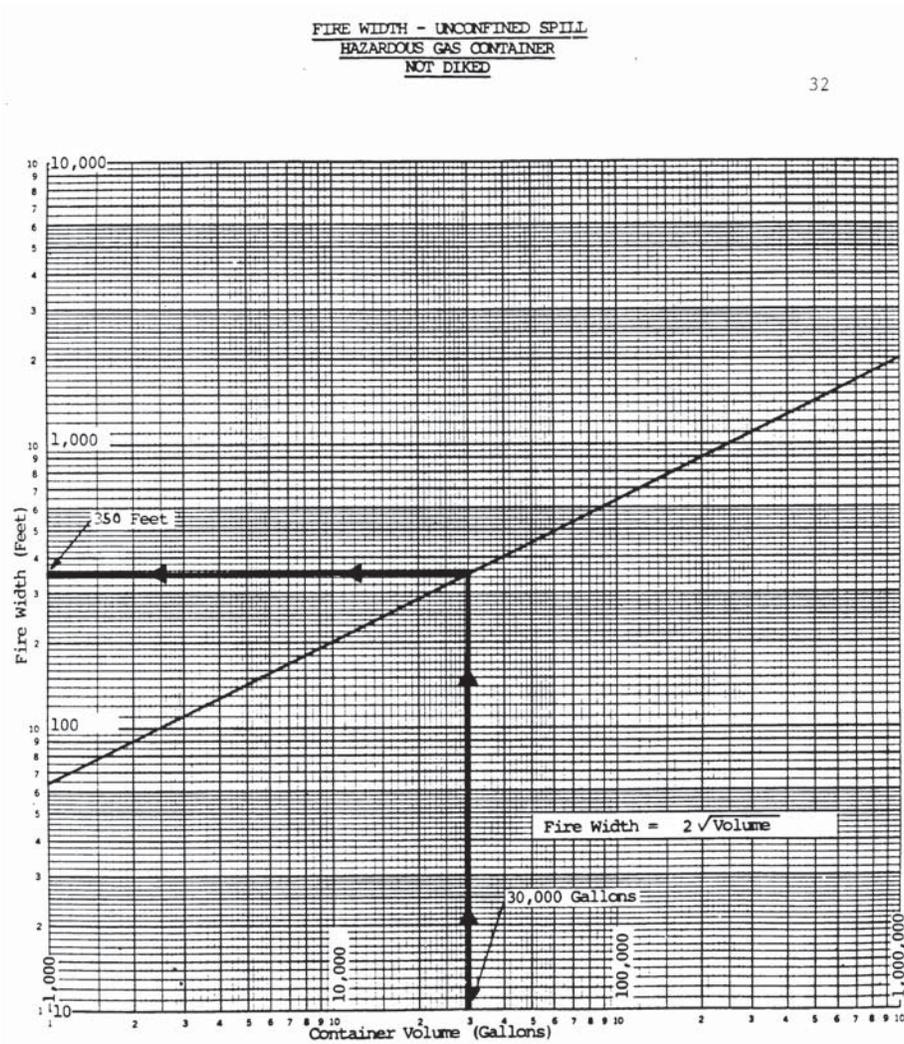
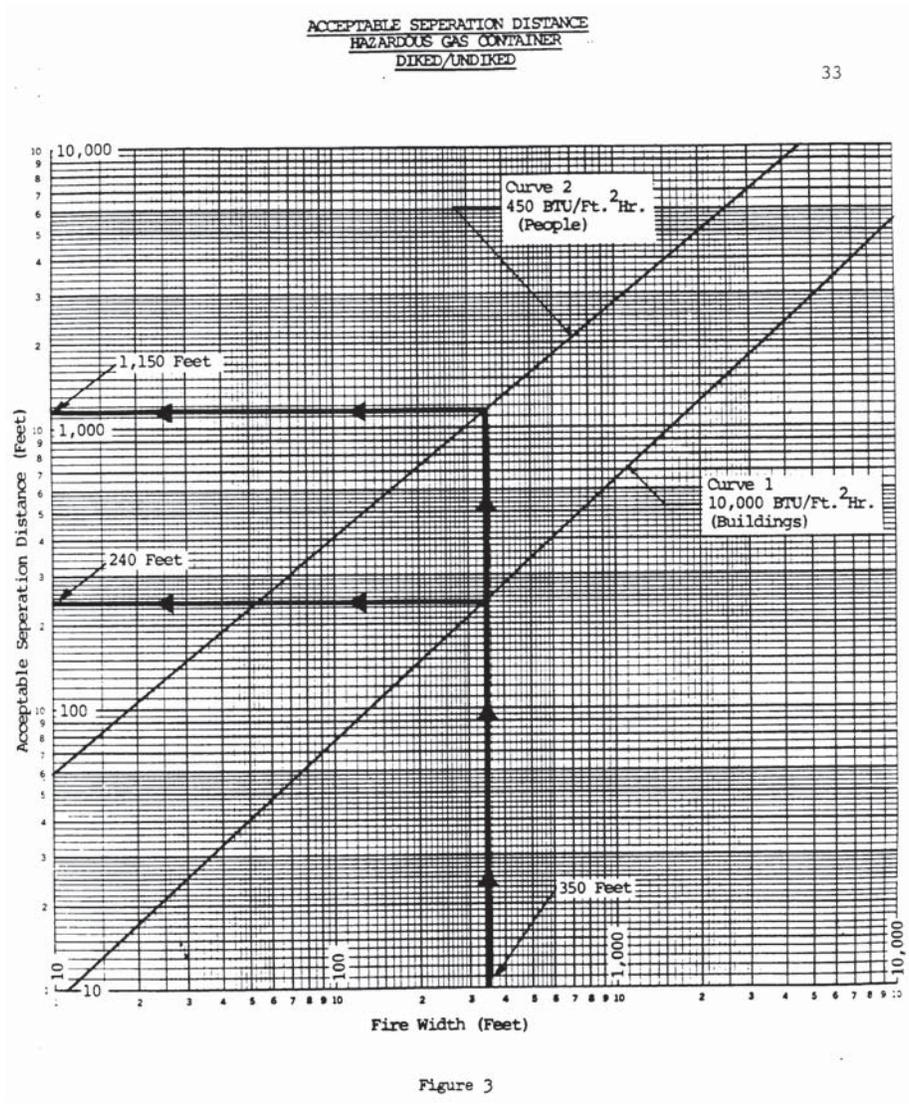


Figure 2



[49 FR 5105, Feb. 10, 1984; 49 FR 12214, Mar. 29, 1984]

ATTACHMENT C

*Excerpts from the Environmental Data Resources (EDR) Radius  
Map Report*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 EPA ID Number \_\_\_\_\_

**1**      **COBLESKILL CREEK**      **FINDS**      **1016042800**  
**COBLESKILL CREEK BY 188**      **N/A**  
 < 1/8      **RICHMONDVILLE, NY 12149**

**Relative:**      **FINDS:**  
**Lower**      Registry ID:      110046488458  
  
**Actual:**      Environmental Interest/Information System  
**1027 ft.**      FIS (New York - Facility Information System) is New York's Department  
of Environmental Conservation (DEC) information system for tracking  
environmental facility information found across the State.

**2**      **MAIN ST @ MORGAN ODOR**      **NY Spills**      **S102559538**  
**WSW**      **MAIN ST @ MORGAN**      **N/A**  
 < 1/8      **RICHMONDVILLE, NY**

**Relative:**      **SPILLS:**  
**Higher**      Facility ID:      9614321  
Facility Type:      ER  
**Actual:**      DER Facility ID:      177600  
**1072 ft.**      Site ID:      214352  
DEC Region:      4  
Spill Date:      1997-03-10  
Spill Number/Closed Date:      9614321 / 1997-03-12  
Spill Cause:      Unknown  
Spill Class:      Known release with minimal potential for fire or hazard. DEC Response.  
Willing Responsible Party. Corrective action taken.  
  
**SWIS:**      4840  
Investigator:      TDLANE  
Referred To:      Not reported  
Reported to Dept:      1997-03-10  
CID:      282  
Water Affected:      Not reported  
Spill Source:      Unknown  
Spill Notifier:      Police Department  
Cleanup Ceased:      Not reported  
Cleanup Meets Std:      True  
Last Inspection:      Not reported  
Recommended Penalty:      False  
UST Trust:      False  
Remediation Phase:      0  
Date Entered In Computer:      1997-03-10  
Spill Record Last Update:      1997-07-02  
Spiller Name:      Not reported  
Spiller Company:      UNKNOWN ODOR  
Spiller Address:      Not reported  
Spiller City,St,Zip:      NY  
Spiller Company:      999  
Contact Name:      TROOPER CIOFFI  
Contact Phone:      (518) 234-3131  
DEC Memo:      "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
LANE MSF NOTIFIED LANE. VALVE OPENED ON Kero, RELEASE REACHED STREAM,  
CLEANED W/SORBENTS "

**Remarks:**      "THEY CAN SMEEL A STRONG SMELL OF OIL IN THE AIR,UNKNOWN WHERE IT IS  
COMING FROM.THE TROOPER CHECKED THE AREA ALSO "

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

MAIN ST @ MORGAN ODOR (Continued)

S102559538

Material:

Site ID: 214352  
Operable Unit ID: 1045751  
Operable Unit: 01  
Material ID: 339426  
Material Code: 0066A  
Material Name: unknown petroleum  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: .00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:

A3  
WSW  
1/8-1/4  
0.126 ml.  
667 ft.

JOSEPH B. RADEZ ELEMENTARY  
319 MAIN STREET  
RICHMONDVILLE, NY 12149

AST U003075951  
N/A

Site 1 of 2 in cluster A

Relative:  
Higher

AST:

Actual:  
1080 ft.

Region: STATE  
DEC Region: 4  
Site Status: Active  
Facility Id: 4-026956  
Program Type: PBS  
UTM X: 536052.10026  
UTM Y: 4720432.33250  
Expiration Date: 09/19/2021  
Site Type: School

Affiliation Records:

Site Id: 35027  
Affiliation Type: On-Site Operator  
Company Name: JOSEPH B. RADEZ ELEMENTARY  
Contact Type: Not reported  
Contact Name: COBLESKILL-RICHMONDVILLE CSD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NY  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Mail Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U003076961

Contact Name: WILLIAM HIMME  
Address1: DISTRICT OFFICE, WASHINGTON HEIGHTS  
Address2: WILLIAM H. GOLDING MIDDLE SCHOOL  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: HIMMEB@CRCS.K12.NY.US  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Site Id: 35027  
Affiliation Type: Emergency Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Facility Owner  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: DIRECTOR OF FACILITIES  
Contact Name: WILLIAM HIMME  
Address1: WASHINGTON HEIGHTS  
Address2: Not reported  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Tank Info

Tank Number: 7 → Closed/removed in 2008  
Tank Id: 84996  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U003075951

F00 - Pipe External Protection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
J02 - Dispenser - Suction Dispenser  
L09 - Piping Leak Detection - Exempt Suction Piping  
G00 - Tank Secondary Containment - None  
A00 - Tank Internal Protection - None  
C01 - Pipe Location - Aboveground  
D02 - Pipe Type - Galvanized Steel

Tank Location:  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: Closed - Removed  
Pipe Model: Not reported  
Install Date: 12/01/1985  
Capacity Gallons: 1000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: 11/05/2008  
Register: True  
Modified By: DRLIGHTS  
Last Modified: 12/01/2008  
Material Name: Not reported

Tank Number: 9  
Tank Id: 226373  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

AST (1,000 gallons testing oil)  
still in service

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron  
E00 - Piping Secondary Containment - None  
F01 - Pipe External Protection - Painted/Asphalt Coating  
G03 - Tank Secondary Containment - Vault (w/o access)  
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)  
K01 - Spill Prevention - Catch Basin  
B01 - Tank External Protection - Painted/Asphalt Coating  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
A00 - Tank Internal Protection - None  
I02 - Overfill - High Level Alarm  
L00 - Piping Leak Detection - None  
C01 - Pipe Location - Aboveground  
J01 - Dispenser - Pressurized Dispenser

Tank Location:  
Tank Type: Steel Tank in Concrete  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 11/05/2008  
Capacity Gallons: 1000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: TDLANE  
Last Modified: 09/14/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U003075951

Material Name: Not reported

A4  
WSW  
1/8-1/4  
0.126 mi.  
667 ft.

JOSEPH B. RADEZ ELEMENTARY  
319 MAIN STREET  
RICHMONDVILLE, NY 12149

UST U004063266  
N/A

Site 2 of 2 In cluster A

Relative:  
Higher

UST:

Id/Status: 4-026956 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 4  
Expiration Date: 09/19/2021  
UTM X: 536052.10026  
UTM Y: 4720432.33250  
Site Type: School

Actual:  
1080 ft.

Affiliation Records:

Site Id: 35027  
Affiliation Type: On-Site Operator  
Company Name: JOSEPH B. RADEZ ELEMENTARY  
Contact Type: Not reported  
Contact Name: COBLESKILL-RICHMONDVILLE CSD  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NY  
Zip Code: Not reported  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Mail Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME  
Address1: DISTRICT OFFICE, WASHINGTON HEIGHTS  
Address2: WILLIAM H. GOLDING MIDDLE SCHOOL  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: HIMMEB@CRCS.K12.NY.US  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Site Id: 35027  
Affiliation Type: Emergency Contact  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: Not reported  
Contact Name: WILLIAM HIMME

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U004063266

Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2011-12-15

Site Id: 35027  
Affiliation Type: Facility Owner  
Company Name: COBLESKILL-RICHMONDVILLE CSD  
Contact Type: DIRECTOR OF FACILITIES  
Contact Name: WILLIAM HIMME  
Address1: WASHINGTON HEIGHTS  
Address2: Not reported  
City: COBLESKILL  
State: NY  
Zip Code: 12043  
Country Code: 001  
Phone: (518) 234-4032  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TDLANE  
Date Last Modified: 2016-05-24

Tank Info:

**1** → *Closed prior to 1991.*  
Tank Number: 84990  
Tank ID: 84990  
Tank Status: Closed Prior to Micro Conversion, 03/91  
Material Name: Closed Prior to Micro Conversion, 03/91  
Capacity Gallons: 12000  
Install Date: 12/01/1955  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U004063266

D00 - Pipe Type - No Piping  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G99 - Tank Secondary Containment - Other

Tank Number: 2 → Tank removed in 1995.  
Tank ID: 84991  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 550  
Install Date: 12/01/1955  
Date Tank Closed: 06/01/1995  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None  
C00 - Pipe Location - No Piping  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None

Tank Number: 3 → Tank removed in 1998.  
Tank ID: 84992  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 12/01/1967  
Date Tank Closed: 07/01/1998  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0008  
Common Name of Substance: Diesel

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U004063266

Equipment Records:

H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None

Tank Number: 4  
Tank ID: 84993  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 275  
Install Date: 12/01/1953  
Date Tank Closed: 07/01/2003  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

→ Tank removed in 2003.

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TDLANE  
Last Modified: 11/08/2011

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B07 - Tank External Protection - Retrofitted Sacrificial Anode  
D00 - Pipe Type - No Piping  
F07 - Pipe External Protection - Retrofitted Sacrificial Anode  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number: 5  
Tank ID: 84994  
Tank Status: Closed Prior to Micro Conversion, 03/91  
Material Name: Closed Prior to Micro Conversion, 03/91  
Capacity Gallons: 2000  
Install Date: 12/01/1955  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

→ Closed prior to 1991.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U004063266

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping  
I04 - Overfill - Product Level Gauge (A/G)  
H00 - Tank Leak Detection - None  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
J02 - Dispenser - Suction Dispenser  
A00 - Tank Internal Protection - None  
G00 - Tank Secondary Containment - None  
D02 - Pipe Type - Galvanized Steel

Tank Number: 6  
Tank ID: 84995  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 1000  
Install Date: 12/01/1976  
Date Tank Closed: 07/01/1998  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

→ Tank removed in 1998.

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
J02 - Dispenser - Suction Dispenser  
B00 - Tank External Protection - None  
F00 - Pipe External Protection - None  
H00 - Tank Leak Detection - None

Tank Number: 8  
Tank ID: 84997  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 8000  
Install Date: 01/01/1989  
Date Tank Closed: Not reported

→ UST (8,000 gallons heating oil)  
↳ still in service.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

JOSEPH B. RADEZ ELEMENTARY (Continued)

U004063266

Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0001  
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TDLANE  
Last Modified: 09/14/2016

Equipment Records:

F06 - Pipe External Protection - Wrapped  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
E00 - Piping Secondary Containment - None  
J02 - Dispenser - Suction Dispenser  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
I01 - Overfill - Float Vent Valve  
L09 - Piping Leak Detection - Exempt Suction Piping  
B02 - Tank External Protection - Original Sacrificial Anode

5  
West  
1/4-1/2  
0.295 mi.  
1555 ft.

O'ROURKE RES RIVER ST  
3 RIVER ST  
RICHMONDVILLE, NY

LTANKS S101340546  
N/A

Relative:  
Higher

Actual:  
1072 ft.

LTANKS:

Site ID: 251895  
Spill Number/Closed Date: 9409217 / 1994-10-21  
Spill Date: 1994-10-11  
Spill Cause: Tank Failure  
Spill Source: Private Dwelling  
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
Cleanup Ceased: 1994-10-11  
Cleanup Meets Standard: True  
SWIS: 4840  
Investigator: TDLANE  
Referred To: Not reported  
Reported to Dept: 1994-10-11  
CID: Not reported  
Water Affected: Not reported  
Spill Notifier: Other  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Involvement: False  
Remediation Phase: 0  
Date Entered In Computer: 1994-10-21  
Spill Record Last Update: 2002-03-28  
Spiller Name: Not reported  
Spiller Company: WILLIAM P. O'ROURKE

→ Negligible amount of heating oil spilled and cleaned up with pads.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

O'ROURKE RES RIVER ST (Continued)

S101340546

Spiller Address: Not reported  
Spiller City, St, Zip: ZZ  
Spiller County: 001  
Spiller Contact: Not reported  
Spiller Phone: Not reported  
Spiller Extension: Not reported  
DEC Region: 4  
DER Facility ID: 206408  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was  
LANE "

Remarks: "275 AGT IN SHED LEAKED ON CONCRETE, SM AMT, USED PADS.  
11/4, 8:00- TANK DRIPPING SLIGHTLY, ALMOST EMPTY, WILL USE UP."

Material:

Site ID: 251895  
Operable Unit ID: 1003188  
Operable Unit: 01  
Material ID: 378640  
Material Code: 0001A  
Material Name: #2 fuel oil  
Case No.: Not reported  
Material FA: Petroleum  
Quantity: 00  
Units: Gallons  
Recovered: .00  
Resource Affected: Not reported  
Oxygenate: Not reported

Tank Test:

**ATTACHMENT D**

*NYSDEC Bulk Storage Database Search Details*

**Thermal Explosive Hazard Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



Department of  
Environmental  
Conservation

## Bulk Storage Database Search Details

### Tank Information

[First Tank](#)[Previous Tank](#)

**Site No:** 4-026956

**Site Name:** JOSEPH B. RADEZ ELEMENTARY

**Tank No:** 9

**Tank Location:** Aboveground - in contact with impervious barrier

**Tank Status:** In Service

**Tank Install Date:** 11/05/2008

**Tank Closed Date:**

**Tank Capacity:** 1000 gal.

**Product Stored:** #2 fuel oil (on-site consumption)

**Percentage:** 100%

**Tank Type:** 05 - Steel Tank Encased in Concrete

**Tank Internal Protection:** None

**Tank External Protection:** Painted/Asphalt Coating

**Tank Secondary Containment:** Vault (w/o access)

**Tank Leak Detection:** Interstitial - Manual Monitoring

**Tank Leak Detection:** Impervious Barrier/Concrete Pad (A/G)

**Overfill:** High Level Alarm

**Spill Prevention:** Catch Basin

**Dispenser:** Pressurized Dispenser

**Pipe Location:** Aboveground

**Pipe Type:** Steel/Carbon Steel/Iron

**Pipe External Protection:** Painted/Asphalt Coating

**Piping Secondary Containment:** None

**Piping Leak Detection:** None

**Tank Next Test Due:**

**Tank Last Test:**

**Tank Test Method:** Testing Not Required

## Appendix H – Soils



Governor's Office of  
Storm Recovery

ANDREW M.  
CUOMO  
Governor

LISA BOVA-HIATT  
Executive Director

August 11, 2017

Kathryn Duncan  
Cartographer  
Natural Resources Conservation Service  
441 South Salina Street  
Suite 354  
Syracuse, New York 13212

Re: U.S. Department of Agriculture Farmland Conversion Impact Rating, **Candlewood Court I & II**, A  
Neighborhood Revitalization Project, Village of Richmondville, Schoharie County, New York

Dear Ms. Duncan:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is conducting an environmental review under HUD's environmental review regulations (24 CFR Part 58) and New York State's Environmental Quality Review Act (SEQRA) for the Candlewood Court I & II Housing and Infrastructure project, located in the Village of Richmondville, Schoharie County, New York. GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to the Farmland Protection Policy Act (FPPA).

The Candlewood development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7). The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two – 20, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated with other non-residential uses to establish a new "gateway" into Richmondville. The project will consist of two separate buildings on two separate lots. The buildings will be approximately 23,600 sf and will consist of approximately 12-one bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric. The purpose of this letter is to provide the Natural Resources Conservation Service (NRCS) notice of the proposed project and to document FPPA compliance. **This is the second submittal for this project and includes Steps 6 and 7 of the impact rating.** The soils on the parcel are shown as farmland of statewide importance. Please find attached the Form AD-1066 for your review and required attachments. GOSR has made the determination that the proposed conversion is consistent with the Farmland Protection Policy Act (FPPA) and the agency's internal policies.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0755) or Lori.Shirley@nyshcr.org. Thank you for your time and consideration.

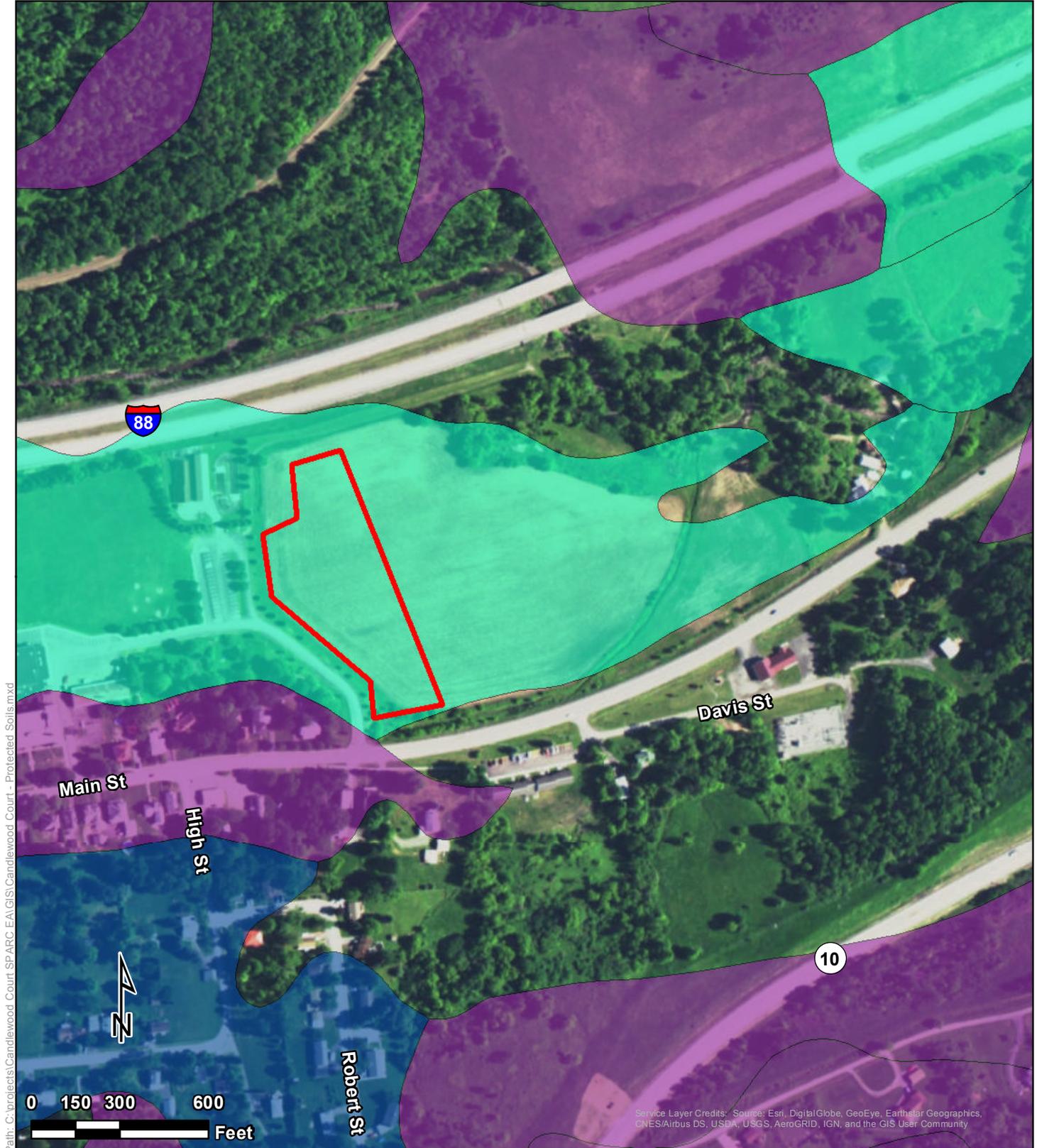
Sincerely,

A handwritten signature in blue ink that reads "Lori A. Shirley". The signature is written in a cursive style with a large initial "L".

Lori A. Shirley  
Certifying Officer  
Governor's Office of Storm Recovery  
NYS Homes and Community Renewal

**Attachments:**

Protected Soil and Project Location Map  
Form AD-1006



Path: C:\projects\Candlewood Court SPARC EA\GIS\Candlewood Court - Protected Soils.mxd

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

- Project Area
- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if drained

**Protected Soils**

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



# FARMLAND CONVERSION IMPACT RATING

<b>PART I</b> <i>(To be completed by Federal Agency)</i>	Date Of Land Evaluation Request
Name Of Project	Federal Agency Involved
Proposed Land Use	County And State

<b>PART II</b> <i>(To be completed by NRCS)</i>		Date Request Received By NRCS	
Does the site contain prime, unique, statewide or local important farmland? <i>(If no, the FPPA does not apply -- do not complete additional parts of this form).</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %	Amount Of Farmland As Defined in FPPA Acres: %	
Name Of Land Evaluation System Used	Name Of Local Site Assessment System	Date Land Evaluation Returned By NRCS	

<b>PART III</b> <i>(To be completed by Federal Agency)</i>	Alternative Site Rating			
	Site A	Site B	Site C	Site D
	A. Total Acres To Be Converted Directly			
	B. Total Acres To Be Converted Indirectly			
C. Total Acres In Site				

<b>PART IV</b> <i>(To be completed by NRCS)</i> Land Evaluation Information				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value				

<b>PART V</b> <i>(To be completed by NRCS)</i> Land Evaluation Criterion Relative Value Of Farmland To Be Converted <i>(Scale of 0 to 100 Points)</i>				
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<b>PART VI</b> <i>(To be completed by Federal Agency)</i> Site Assessment Criteria <i>(These criteria are explained in 7 CFR 658.5(b))</i>	Maximum Points				
1. Area In Nonurban Use					
2. Perimeter In Nonurban Use					
3. Percent Of Site Being Farmed					
4. Protection Provided By State And Local Government					
5. Distance From Urban Builtup Area					
6. Distance To Urban Support Services					
7. Size Of Present Farm Unit Compared To Average					
8. Creation Of Nonfarmable Farmland					
9. Availability Of Farm Support Services					
10. On-Farm Investments					
11. Effects Of Conversion On Farm Support Services					
12. Compatibility With Existing Agricultural Use					
<b>TOTAL SITE ASSESSMENT POINTS</b>	<b>160</b>				

<b>PART VII</b> <i>(To be completed by Federal Agency)</i>				
Relative Value Of Farmland <i>(From Part V)</i>	100			
Total Site Assessment <i>(From Part VI above or a local site assessment)</i>	160			
<b>TOTAL POINTS</b> <i>(Total of above 2 lines)</i>	<b>260</b>			

Site Selected:	Date Of Selection	Was A Local Site Assessment Used? Yes <input type="checkbox"/> No <input type="checkbox"/>
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Reason For Selection:

## STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

Step 1 – Federal agencies involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form.

Step 2 – Originator will send copies A, B and C together with maps indicating locations of site(s), to the Natural Resources Conservation Service (NRCS) local field office and retain copy D for their files. (Note: NRCS has a field office in most counties in the U.S. The field office is usually located in the county seat. A list of field office locations are available from the NRCS State Conservationist in each state).

Step 3 – NRCS will, within 45 calendar days after receipt of form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland.

Step 4 – In cases where farmland covered by the FPPA will be converted by the proposed project, NRCS field offices will complete Parts II, IV and V of the form.

Step 5 – NRCS will return copy A and B of the form to the Federal agency involved in the project. (Copy C will be retained for NRCS records).

Step 6 – The Federal agency involved in the proposed project will complete Parts VI and VII of the form.

Step 7 – The Federal agency involved in the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA and the agency's internal policies.

## INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

**Part I:** In completing the "County And State" questions list all the local governments that are responsible for local land controls where site(s) are to be evaluated.

**Part III:** In completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities) that will cause a direct conversion.

**Part VI:** Do not complete Part VI if a local site assessment is used.

Assign the maximum points for each site assessment criterion as shown in § 658.5 (b) of CFR. In cases of corridor-type projects such as transportation, powerline and flood control, criteria #5 and #6 will not apply and will, be weighed zero, however, criterion #8 will be weighed a maximum of 25 points, and criterion #11 a maximum of 25 points.

Individual Federal agencies at the national level, may assign relative weights among the 12 site assessment criteria other than those shown in the FPPA rule. In all cases where other weights are assigned relative adjustments must be made to maintain the maximum total weight points at 160.

In rating alternative sites, Federal agencies shall consider each of the criteria and assign points within the limits established in the FPPA rule. Sites most suitable for protection under these criteria will receive the highest total scores, and sites least suitable, the lowest scores.

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, adjust the site assessment points to a base of 160. Example: if the Site Assessment maximum is 200 points, and alternative Site "A" is rated 180 points:

Total points assigned Site A =  $\frac{180}{200} \times 160 = 144$  points for Site "A."

Maximum points possible      200

## Site Assessment Scoring for the Twelve Factors Used in FPPA

The Site Assessment criteria used in the Farmland Protection Policy Act (FPPA) rule are designed to assess important factors other than the agricultural value of the land when determining which alternative sites should receive the highest level of protection from conversion to non agricultural uses.

Twelve factors are used for Site Assessment and ten factors for corridor-type sites. Each factor is listed in an outline form, without detailed definitions or guidelines to follow in the rating process. The purpose of this document is to expand the definitions of use of each of the twelve Site Assessment factors so that all persons can have a clear understanding as to what each factor is intended to evaluate and how points are assigned for given conditions.

In each of the 12 factors a number rating system is used to determine which sites deserve the most protection from conversion to non-farm uses. The higher the number value given to a proposed site, the more protection it will receive. The maximum scores are 10, 15 and 20 points, depending upon the relative importance of each particular question. If a question significantly relates to why a parcel of land should not be converted, the question has a maximum possible protection value of 20, whereas a question which does not have such a significant impact upon whether a site would be converted, would have fewer maximum points possible, for example 10.

The following guidelines should be used in rating the twelve Site Assessment criteria:

**1. How much land is in non-urban use within a radius of 1.0 mile from where the project is intended?**

More than 90 percent:	15 points
90-20 percent:	14 to 1 points
Less than 20 percent:	0 points

This factor is designed to evaluate the extent to which the area within one mile of the proposed site is non-urban area. For purposes of this rule, "non-urban" should include:

- Agricultural land (crop-fruit trees, nuts, oilseed)
- Range land
- Forest land
- Golf Courses
- Non paved parks and recreational areas
- Mining sites
- Farm Storage
- Lakes, ponds and other water bodies
- Rural roads, and through roads without houses or buildings
- Open space
- Wetlands
- Fish production
- Pasture or hayland

Urban uses include:

- Houses (other than farm houses)
- Apartment buildings
- Commercial buildings
- Industrial buildings
- Paved recreational areas (i.e. tennis courts)
- Streets in areas with 30 structures per 40 acres
- Gas stations

- Equipment, supply stores
- Off-farm storage
- Processing plants
- Shopping malls
- Utilities/Services
- Medical buildings

In rating this factor, an area one-mile from the outer edge of the proposed site should be outlined on a current photo; the areas that are urban should be outlined. For rural houses and other buildings with unknown sizes, use 1 and 1/3 acres per structure. For roads with houses on only one side, use one half of road for urban and one half for non-urban.

The purpose of this rating process is to insure that the most valuable and viable farmlands are protected from development projects sponsored by the Federal Government. With this goal in mind, factor S1 suggests that the more agricultural lands surrounding the parcel boundary in question, the more protection from development this site should receive. Accordingly, a site with a large quantity of non-urban land surrounding it will receive a greater number of points for protection from development. Thus, where more than 90 percent of the area around the proposed site (do not include the proposed site in this assessment) is non-urban, assign 15 points. Where 20 percent or less is non-urban, assign 0 points. Where the area lies between 20 and 90 percent non-urban, assign appropriate points from 14 to 1, as noted below.

<b>Percent Non-Urban Land within 1 mile</b>	<b>Points</b>
90 percent or greater	15
85 to 89 percent	14
80 to 84 percent	13
75 to 79 percent	12
70 to 74 percent	11
65 to 69 percent	10
60 to 64 percent	9
55 to 59 percent	8
50 to 54 percent	7
45 to 49 percent	6
40 to 44 percent	5
35 to 39 percent	4
30 to 24 percent	3
25 to 29 percent	2
21 to 24 percent	1
20 percent or less	0

**2. How much of the perimeter of the site borders on land in non-urban use?**

More than 90 percent:	10 points
90 to 20 percent:	9 to 1 point(s)
Less than 20 percent:	0 points

This factor is designed to evaluate the extent to which the land adjacent to the proposed site is non-urban use. Where factor #1 evaluates the general location of the proposed site, this factor evaluates the immediate perimeter of the site. The definition of urban and non-urban uses in factor #1 should be used for this factor.

In rating the second factor, measure the perimeter of the site that is in non-urban and urban use. Where more than 90 percent of the perimeter is in non-urban use, score this factor 10 points. Where less than 20 percent, assign 0 points. If a road is next to the perimeter, class the area according to the

use on the other side of the road for that area. Use 1 and 1/3 acre per structure if not otherwise known. Where 20 to 90 percent of the perimeter is non-urban, assign points as noted below:

<b>Percentage of Perimeter Bordering Land</b>	<b>Points</b>
90 percent or greater	10
82 to 89 percent	9
74 to 81 percent	8
65 to 73 percent	7
58 to 65 percent	6
50 to 57 percent	5
42 to 49 percent	4
34 to 41 percent	3
27 to 33 percent	2
21 to 26 percent	1
20 percent or Less	0

**3. How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last ten years?**

More than 90 percent:	20 points
90 to 20 percent:	19 to 1 point(s)
Less than 20 percent:	0 points

This factor is designed to evaluate the extent to which the proposed conversion site has been used or managed for agricultural purposes in the past 10 years.

Land is being farmed when it is used or managed for food or fiber, to include timber products, fruit, nuts, grapes, grain, forage, oil seed, fish and meat, poultry and dairy products.

Land that has been left to grow up to native vegetation without management or harvest will be considered as abandoned and therefore not farmed. The proposed conversion site should be evaluated and rated according to the percent, of the site farmed.

If more than 90 percent of the site has been farmed 5 of the last 10 years score the site as follows:

<b>Percentage of Site Farmed</b>	<b>Points</b>
90 percent or greater	20
86 to 89 percent	19
82 to 85 percent	18
78 to 81 percent	17
74 to 77 percent	16
70 to 73 percent	15
66 to 69 percent	14
62 to 65 percent	13
58 to 61 percent	12
54 to 57 percent	11
50 to 53 percent	10
46 to 49 percent	9
42 to 45 percent	8
38 to 41 percent	7
35 to 37 percent	6
32 to 34 percent	5
29 to 31 percent	4
26 to 28 percent	3

23 to 25 percent	2
20 to 22 percent percent or Less	1
Less than 20 percent	0

**4. Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?**

Site is protected:	20 points
Site is not protected:	0 points

This factor is designed to evaluate the extent to which state and local government and private programs have made efforts to protect this site from conversion.

**State and local policies and programs to protect farmland include:**

**State Policies and Programs to Protect Farmland**

1. Tax Relief:

A. Differential Assessment: Agricultural lands are taxed on their agricultural use value, rather than at market value. As a result, farmers pay fewer taxes on their land, which helps keep them in business, and therefore helps to insure that the farmland will not be converted to nonagricultural uses.

1. Preferential Assessment for Property Tax: Landowners with parcels of land used for agriculture are given the privilege of differential assessment.
2. Deferred Taxation for Property Tax: Landowners are deterred from converting their land to nonfarm uses, because if they do so, they must pay back taxes at market value.
3. Restrictive Agreement for Property Tax: Landowners who want to receive Differential Assessment must agree to keep their land in - eligible use.

B. Income Tax Credits

Circuit Breaker Tax Credits: Authorize an eligible owner of farmland to apply some or all of the property taxes on his or her farmland and farm structures as a tax credit against the owner's state income tax.

C. Estate and Inheritance Tax Benefits

Farm Use Valuation for Death Tax: Exemption of state tax liability to eligible farm estates.

2. "Right to farm" laws:

Prohibits local governments from enacting laws which will place restrictions upon normally accepted farming practices, for example, the generation of noise, odor or dust.

3. Agricultural Districting:

Wherein farmers voluntarily organize districts of agricultural land to be legally recognized geographic areas. These farmers receive benefits, such as protection from annexation, in exchange for keeping land within the district for a given number of years.

4. Land Use Controls: Agricultural Zoning.

Types of Agricultural Zoning Ordinances include:

- A. Exclusive: In which the agricultural zone is restricted to only farm-related dwellings, with, for example, a minimum of 40 acres per dwelling unit.
- B. Non-Exclusive: In which non-farm dwellings are allowed, but the density remains low, such as 20 acres per dwelling unit.

Additional Zoning techniques include:

- A. Sliding Scale: This method looks at zoning according to the total size of the parcel owned. For example, the number of dwelling units per a given number of acres may change from county to county according to the existing land acreage to dwelling unit ratio of surrounding parcels of land within the specific area.
- B. Point System or Numerical Approach: Approaches land use permits on a case by case basis.  
  
LESA: The LESA system (Land Evaluation-Site Assessment) is used as a tool to help assess options for land use on an evaluation of productivity weighed against commitment to urban development.
- C. Conditional Use: Based upon the evaluation on a case by case basis by the Board of Zoning Adjustment. Also may include the method of using special land use permits.

5. Development Rights:

- A. Purchase of Development Rights (PDR): Where development rights are purchased by Government action.

Buffer Zoning Districts: Buffer Zoning Districts are an example of land purchased by Government action. This land is included in zoning ordinances in order to preserve and protect agricultural lands from non-farm land uses encroaching upon them.

- B. Transfer of Development Rights (TDR): Development rights are transferable for use in other locations designated as receiving areas. TDR is considered a locally based action (not state), because it requires a voluntary decision on the part of the individual landowners.

6. Governor's Executive Order: Policy made by the Governor, stating the importance of agriculture, and the preservation of agricultural lands. The Governor orders the state agencies to avoid the unnecessary conversion of important farmland to nonagricultural uses.

7. Voluntary State Programs:

- A. California's Program of Restrictive Agreements and Differential Assessments: The California Land Conservation Act of 1965, commonly known as the Williamson Act, allows cities, counties and individual landowners to form agricultural preserves and enter into contracts for 10 or more years to insure that these parcels of land remain strictly for agricultural use. Since 1972 the Act has extended eligibility to recreational and open space lands such as scenic highway corridors, salt ponds and wildlife preserves. These contractually restricted lands may be taxed differentially for their real value. One hundred-acre districts constitute the minimum land size eligible.

Suggestion: An improved version of the Act would state that if the land is converted after the contract expires, the landowner must pay the difference in the taxes between market value for the land and the agricultural tax value which he or she had been

paying under the Act. This measure would help to insure that farmland would not be converted after the 10 year period ends.

- B. Maryland Agricultural Land Preservation Program: Agricultural landowners within agricultural districts have the opportunity to sell their development rights to the Maryland Land Preservation Foundation under the agreement that these landowners will not subdivide or develop their land for an initial period of five years. After five years the landowner may terminate the agreement with one year notice.

As is stated above under the California Williamson Act, the landowner should pay the back taxes on the property if he or she decides to convert the land after the contract expires, in order to discourage such conversions.

- C. Wisconsin Income Tax Incentive Program: The Wisconsin Farmland Preservation Program of December 1977 encourages local jurisdictions in Wisconsin to adopt agricultural preservation plans or exclusive agricultural district zoning ordinances in exchange for credit against state income tax and exemption from special utility assessment. Eligible candidates include local governments and landowners with at least 35 acres of land per dwelling unit in agricultural use and gross farm profits of at least \$6,000 per year, or \$18,000 over three years.

#### 8. Mandatory State Programs:

- A. The Environmental Control Act in the state of Vermont was adopted in 1970 by the Vermont State Legislature. The Act established an environmental board with 9 members (appointed by the Governor) to implement a planning process and a permit system to screen most subdivisions and development proposals according to specific criteria stated in the law. The planning process consists of an interim and a final Land Capability and Development Plan, the latter of which acts as a policy plan to control development. The policies are written in order to:
- prevent air and water pollution;
  - protect scenic or natural beauty, historic sites and rare and irreplaceable natural areas; and
  - consider the impacts of growth and reduction of development on areas of primary agricultural soils.
- B. The California State Coastal Commission: In 1976 the Coastal Act was passed to establish a permanent Coastal Commission with permit and planning authority. The purpose of the Coastal Commission was and is to protect the sensitive coastal zone environment and its resources, while accommodating the social and economic needs of the state. The Commission has the power to regulate development in the coastal zones by issuing permits on a case by case basis until local agencies can develop their own coastal plans, which must be certified by the Coastal Commission.
- C. Hawaii's Program of State Zoning: In 1961, the Hawaii State Legislature established Act 187, the Land Use Law, to protect the farmland and the welfare of the local people of Hawaii by planning to avoid "unnecessary urbanization". The Law made all state lands into four districts: agricultural, conservation, rural and urban. The Governor appointed members to a State Land Use Commission, whose duties were to uphold the Law and form the boundaries of the four districts. In addition to state zoning, the Land Use Law introduced a program of Differential Assessment, wherein agricultural landowners paid taxes on their land for its agricultural use value, rather than its market value.
- D. The Oregon Land Use Act of 1973: This act established the Land Conservation and Development Commission (LCDC) to provide statewide planning goals and guidelines.

Under this Act, Oregon cities and counties are each required to draw up a comprehensive plan, consistent with statewide planning goals. Agricultural land preservation is high on the list of state goals to be followed locally.

If the proposed site is subject to or has used one or more of the above farmland protection programs or policies, score the site 20 points. If none of the above policies or programs apply to this site, score 0 points.

**5. How close is the site to an urban built-up area?**

The site is 2 miles or more from an urban built-up area	15 points
The site is more than 1 mile but less than 2 miles from an urban built-up area	10 points
The site is less than 1 mile from, but is not adjacent to an urban built-up area	5 points
The site is adjacent to an urban built-up area	0 points

This factor is designed to evaluate the extent to which the proposed site is located next to an existing urban area. The urban built-up area must be 2500 population. The measurement from the built-up area should be made from the point at which the density is 30 structures per 40 acres and with no open or non-urban land existing between the major built-up areas and this point. Suburbs adjacent to cities or urban built-up areas should be considered as part of that urban area.

For greater accuracy, use the following chart to determine how much protection the site should receive according to its distance from an urban area. See chart below:

<b>Distance From Perimeter of Site to Urban Area</b>	<b>Points</b>
More than 10,560 feet	15
9,860 to 10,559 feet	14
9,160 to 9,859 feet	13
8,460 to 9,159 feet	12
7,760 to 8,459 feet	11
7,060 to 7,759 feet	10
6,360 to 7,059 feet	9
5,660 to 6,359 feet	8
4,960 to 5,659 feet	7
4,260 to 4,959 feet	6
3,560 to 4,259 feet	5
2,860 to 3,559 feet	4
2,160 to 2,859 feet	3
1,460 to 2,159 feet	2
760 to 1,459 feet	1
Less than 760 feet (adjacent)	0

**6. How close is the site to water lines, sewer lines and/or other local facilities and services whose capacities and design would promote nonagricultural use?**

None of the services exist nearer than 3 miles from the site	15 points
Some of the services exist more than one but less than 3 miles from the site	10 points
All of the services exist within 1/2 mile of the site	0 points

This question determines how much infrastructure (water, sewer, etc.) is in place which could facilitate nonagricultural development. The fewer facilities in place, the more difficult it is to develop an area. Thus, if a proposed site is further away from these services (more than 3 miles distance away), the site should be awarded the highest number of points (15). As the distance of the parcel of land to services decreases, the number of points awarded declines as well. So, when the site is equal to or further than 1 mile but less than 3 miles away from services, it should be given 10 points. Accordingly, if this distance is 1/2 mile to less than 1 mile, award 5 points; and if the distance from land to services is less than 1/2 mile, award 0 points.

Distance to public facilities should be measured from the perimeter of the parcel in question to the nearest site(s) where necessary facilities are located. If there is more than one distance (i.e. from site to water and from site to sewer), use the average distance (add all distances and then divide by the number of different distances to get the average).

Facilities which could promote nonagricultural use include:

- Water lines
- Sewer lines
- Power lines
- Gas lines
- Circulation (roads)
- Fire and police protection
- Schools

**7. Is the farm unit(s) containing the site (before the project) as large as the average-size farming unit in the county? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage of Farm Units in Operation with \$1,000 or more in sales.)**

As large or larger:	10 points
Below average: Deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more is below average	9 to 0 points

This factor is designed to determine how much protection the site should receive, according to its size in relation to the average size of farming units within the county. The larger the parcel of land, the more agricultural use value the land possesses, and vice versa. Thus, if the farm unit is as large or larger than the county average, it receives the maximum number of points (10). The smaller the parcel of land compared to the county average, the fewer number of points given. Please see below:

<b>Parcel Size in Relation to Average County Size</b>	<b>Points</b>
Same size or larger than average (100 percent)	10
95 percent of average	9
90 percent of average	8
85 percent of average	7
80 percent of average	6
75 percent of average	5
70 percent of average	4
65 percent of average	3
60 percent of average	2
55 percent of average	1
50 percent or below county average	0

State and local Natural Resources Conservation Service offices will have the average farm size information, provided by the latest available Census of Agriculture data

**8. If this site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?**

Acreage equal to more than 25 percent of acres directly converted by the project	10 points
Acreage equal to between 25 and 5 percent of the acres directly converted by the project	9 to 1 point(s)
Acreage equal to less than 5 percent of the acres directly converted by the project	0 points

This factor tackles the question of how the proposed development will affect the rest of the land on the farm. The site which deserves the most protection from conversion will receive the greatest number of points, and vice versa. For example, if the project is small, such as an extension on a house, the rest of the agricultural land would remain farmable, and thus a lower number of points is given to the site. Whereas if a large-scale highway is planned, a greater portion of the land (not including the site) will become non-farmable, since access to the farmland will be blocked; and thus, the site should receive the highest number of points (10) as protection from conversion.

**Conversion uses of the Site Which Would Make the Rest of the Land Non-Farmable by Interfering with Land Patterns**

Conversions which make the rest of the property nonfarmable include any development which blocks accessibility to the rest of the site. Examples are highways, railroads, dams or development along the front of a site restricting access to the rest of the property.

The point scoring is as follows:

<b>Amount of Land Not Including the Site Which Will Become Non-Farmable</b>	<b>Points</b>
25 percent or greater	10
23 - 24 percent	9
21 - 22 percent	8
19 - 20 percent	7
17 - 18 percent	6
15 - 16 percent	5
13 - 14 percent	4
11 - 12 percent	3
9 - 11 percent	2
6 - 8 percent	1
5 percent or less	0

**9. Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?**

All required services are available	5 points
Some required services are available	4 to 1 point(s)
No required services are available	0 points

This factor is used to assess whether there are adequate support facilities, activities and industry to keep the farming business in business. The more support facilities available to the agricultural

landowner, the more feasible it is for him or her to stay in production. In addition, agricultural support facilities are compatible with farmland. This fact is important, because some land uses are not compatible; for example, development next to farmland can be dangerous to the welfare of the agricultural land, as a result of pressure from the neighbors who often do not appreciate the noise, smells and dust intrinsic to farmland. Thus, when all required agricultural support services are available, the maximum number of points (5) are awarded. When some services are available, 4 to 1 point(s) are awarded; and consequently, when no services are available, no points are given. See below:

<b>Percent of Services Available</b>	<b>Points</b>
100 percent	5
75 to 99 percent	4
50 to 74 percent	3
25 to 49 percent	2
1 to 24 percent	1
No services	0

**10. Does the site have substantial and well-maintained on farm investments such as barns, other storage buildings, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?**

High amount of on-farm investment	20 points
Moderate amount of non-farm investment	19 to 1 point(s)
No on-farm investments	0 points

This factor assesses the quantity of agricultural facilities in place on the proposed site. If a significant agricultural infrastructure exists, the site should continue to be used for farming, and thus the parcel will receive the highest amount of points towards protection from conversion or development. If there is little on farm investment, the site will receive comparatively less protection. See-below:

<b>Amount of On-farm Investment</b>	<b>Points</b>
As much or more than necessary to maintain production (100 percent)	20
95 to 99 percent	19
90 to 94 percent	18
85 to 89 percent	17
80 to 84 percent	16
75 to 79 percent	15
70 to 74 percent	14
65 to 69 percent	13
60 to 64 percent	12
55 to 59 percent	11
50 to 54 percent	10
45 to 49 percent	9
40 to 44 percent	8
35 to 39 percent	7
30 to 34 percent	6
25 to 29 percent	5
20 to 24 percent	4
15 to 19 percent	3
10 to 14 percent	2
5 to 9 percent	1
0 to 4 percent	0

**11. Would the project at this site, by converting farmland to nonagricultural use, reduce the support for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?**

Substantial reduction in demand for support services if the site is converted	10 points
Some reduction in demand for support services if the site is converted	9 to 1 point(s)
No significant reduction in demand for support services if the site is converted	0 points

This factor determines whether there are other agriculturally related activities, businesses or jobs dependent upon the working of the pre-converted site in order for the others to remain in production. The more people and farming activities relying upon this land, the more protection it should receive from conversion. Thus, if a substantial reduction in demand for support services were to occur as a result of conversions, the proposed site would receive a high score of 10; some reduction in demand would receive 9 to 1 point(s), and no significant reduction in demand would receive no points.

Specific points are outlined as follows:

<b>Amount of Reduction in Support Services if Site is Converted to Nonagricultural Use</b>	<b>Points</b>
Substantial reduction (100 percent)	10
90 to 99 percent	9
80 to 89 percent	8
70 to 79 percent	7
60 to 69 percent	6
50 to 59 percent	5
40 to 49 percent	4
30 to 39 percent	3
20 to 29 percent	2
10 to 19 percent	1
No significant reduction (0 to 9 percent)	0

**12. Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of the surrounding farmland to nonagricultural use?**

Proposed project is incompatible with existing agricultural use of surrounding farmland	10 points
Proposed project is tolerable of existing agricultural use of surrounding farmland	9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland	0 points

Factor 12 determines whether conversion of the proposed agricultural site will eventually cause the conversion of neighboring farmland as a result of incompatibility of use of the first with the latter. The more incompatible the proposed conversion is with agriculture, the more protection this site receives from conversion. Therefore, if the proposed conversion is incompatible with agriculture, the site receives 10 points. If the project is tolerable with agriculture, it receives 9 to 1 points; and if the proposed conversion is compatible with agriculture, it receives 0 points.

## **CORRIDOR - TYPE SITE ASSESSMENT CRITERIA**

---

The following criteria are to be used for projects that have a linear or corridor - type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor-type site or design alternative for protection as farmland along with the land evaluation information.

For Water and Waste Programs, corridor analyses are not applicable for distribution or collection networks. Analyses are applicable for transmission or trunk lines where placement of the lines are flexible.

(1) How much land is in nonurban use within a radius of 1.0 mile from where the project is intended?

- |                          |                       |
|--------------------------|-----------------------|
| (2) More than 90 percent | (3) 15 points         |
| (4) 90 to 20 percent     | (5) 14 to 1 point(s). |
| (6) Less than 20 percent | (7) 0 points          |

(2) How much of the perimeter of the site borders on land in nonurban use?

- |                          |                   |
|--------------------------|-------------------|
| (3) More than 90 percent | (4) 10 point(s)   |
| (5) 90 to 20 percent     | (6) 9 to 1 points |
| (7) less than 20 percent | (8) 0 points      |

(3) How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?

- |                          |                      |
|--------------------------|----------------------|
| (4) More than 90 percent | (5) 20 points        |
| (6) 90 to 20 percent     | (7) 19 to 1 point(s) |
| (8) Less than 20 percent | (9) 0 points         |

(4) Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?

- |                       |           |
|-----------------------|-----------|
| Site is protected     | 20 points |
| Site is not protected | 0 points  |

(5) Is the farm unit(s) containing the site (before the project) as large as the average - size farming unit in the County? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, Acreage of Farm Units in Operation with \$1,000 or more in sales.)

- |   |               |
|---|---------------|
| As large or larger  | 10 points     |
| Below average deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average | 9 to 0 points |

(6) If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?

- |  |                  |
|--|------------------|
| Acreage equal to more than 25 percent of acres directly converted by the project         | 25 points        |
| Acreage equal to between 25 and 5 percent of the acres directly converted by the project | 1 to 24 point(s) |
| Acreage equal to less than 5 percent of the acres directly converted by the project      | 0 points         |

(7) Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmer's markets?

All required services are available	5 points
Some required services are available	4 to 1 point(s)
No required services are available	0 points

(8) Does the site have substantial and well-maintained on-farm investments such as barns, other storage building, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

High amount of on-farm investment	20 points
Moderate amount of on-farm investment	19 to 1 point(s)
No on-farm investment	0 points

(9) Would the project at this site, by converting farmland to nonagricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

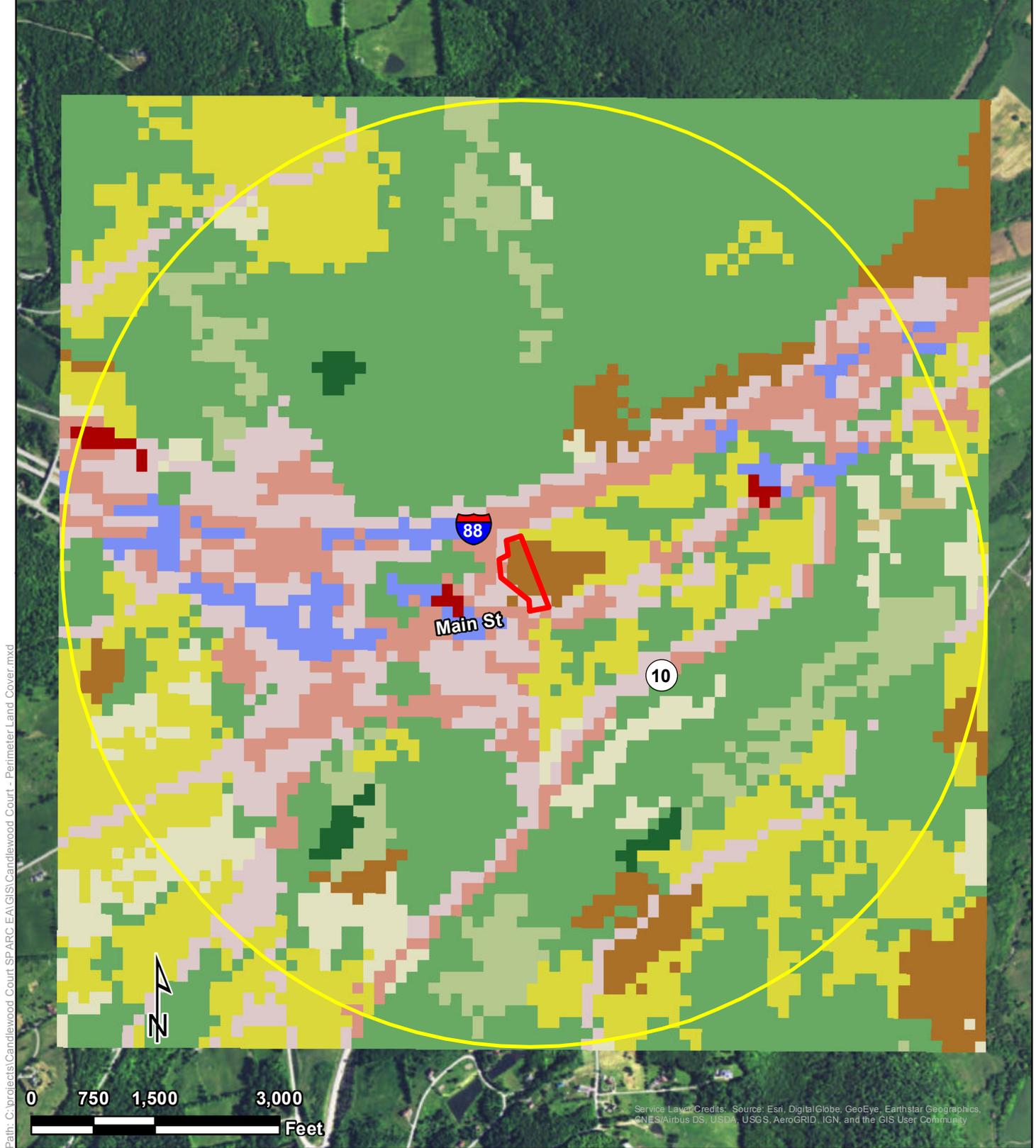
Substantial reduction in demand for support services if the site is converted	25 points
Some reduction in demand for support services if the site is converted	1 to 24 point(s)
No significant reduction in demand for support services if the site is converted	0 points

(10) Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to nonagricultural use?

Proposed project is incompatible to existing agricultural use of surrounding farmland	10 points
Proposed project is tolerable to existing agricultural use of surrounding farmland	9 to 1 point(s)
Proposed project is fully compatible with existing agricultural use of surrounding farmland	0 points

# FarmlandImpactCalcs VI

AD1006 Section		Measurement	Percent
VI.1	Acres within 1 Mile	1,243	
	Acres developed	156	13
	Acres undeveloped	1,087	87
VI.2	Perimeter within 1 Mile	595,695	
	Feet developed	109,960	18
	Feet undeveloped	485,735	82
VI.7	Average farm size Schoharie County (acres)	185	
	Size of parcel (acres)	18	10
	Size of project (acres)	6	33
VI.8	Remaining parcel	12	67



Path: C:\projects\Candlewood Court.SP.ARC.EA\GIS\Candlewood Court - Perimeter Land Cover.mxd

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

VI.1

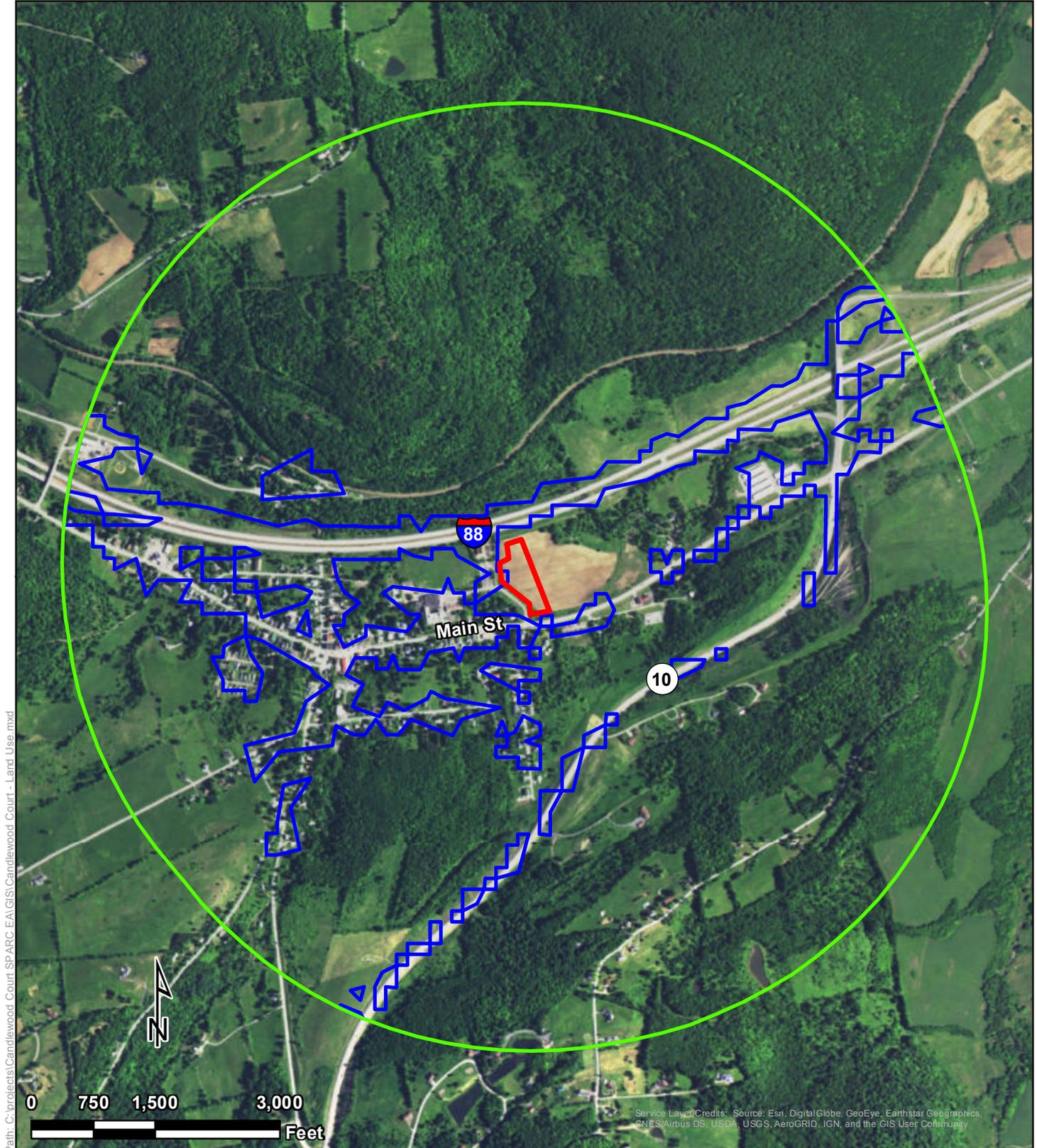


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- Legend**
- Project Area
  - One-Mile Project Site Buffer
- Land Cover**
- Developed, Open Space
  - Developed, Low Intensity
  - Developed, Medium Intensity
  - Developed, High Intensity
  - Deciduous Forest
  - Evergreen Forest
  - Mixed Forest
  - Shrub/Scrub
  - Herbaceous
  - Hay/Pasture
  - Cultivated Crops

## Perimeter Land Cover

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



## Land Use

VI.2

### Legend

- Project Area
- One-Mile Project Site Buffer
- Developed Land (NLCD)

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



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VI.5

**Legend**

**Urban Areas with Population Greater than 2,500**

- Cobleskill
- Project Area

***Nearest Urban Area***

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



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United States Department of Agriculture

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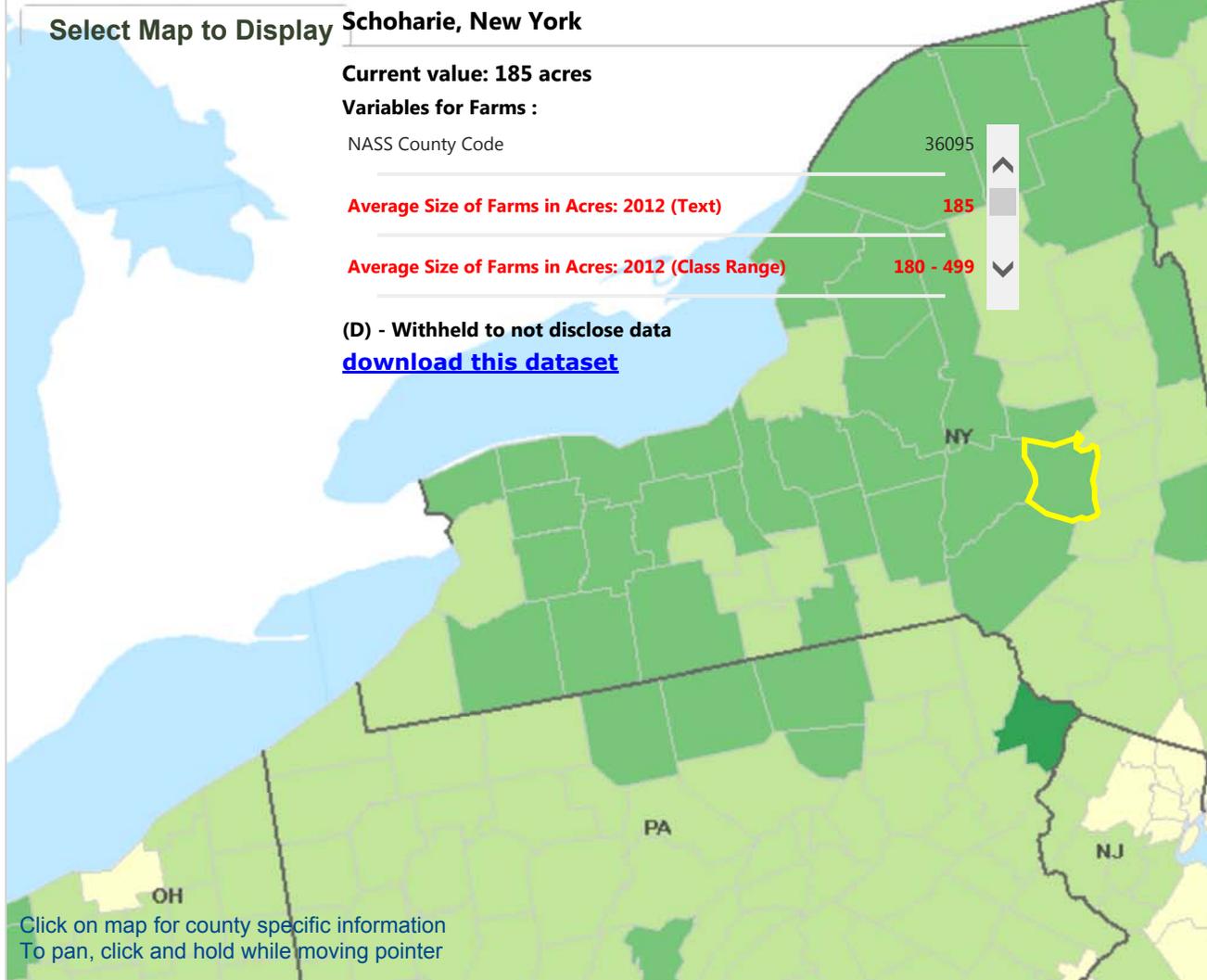
VI.7

## Average Size of Farms in Acres: 2012

VI.7

Print H

State Zoom



### USDA/NASS, 2012 Census of Agriculture

For data collection, some county equivalent entities in Alaska, Hawaii, Maryland, Missouri, and Virginia are included in other county equivalent entities. Also, choropleth change maps show county values representing significance of change, not county values indicating increase/decrease 2012 vs. 2007 summary data.



VI.8

**Legend**

- Project Area
- Project Area Parcel

***Project Area and Parcel***

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



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# VI.9

Program	Year	Period	Week Ending	Geo Level	State	State ANSI	Ag District	Ag District Code	County	County ANSI	Zip Code	Region	watershed_code	Watershed	Commodity	Data Item	Domain	Domain Category	Value	CV (%)
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, CUSTOMWORK - EXPENSE, MEASURED IN \$	TOTAL	NOT SPECIFIED	647,000	7.2
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, CUSTOMWORK - OPERATIONS WITH EXPENSE	TOTAL	NOT SPECIFIED	114	8.5
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, MACHINERY RENTAL - EXPENSE, MEASURED IN \$	TOTAL	NOT SPECIFIED	139,000	21.6
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, MACHINERY RENTAL - OPERATIONS WITH EXPENSE	TOTAL	NOT SPECIFIED	33	14
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, OTHER - EXPENSE, MEASURED IN \$	TOTAL	NOT SPECIFIED	3,810,000	10.4
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, OTHER - OPERATIONS WITH EXPENSE	TOTAL	NOT SPECIFIED	326	9
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, UTILITIES - EXPENSE, MEASURED IN \$	TOTAL	NOT SPECIFIED	1,158,000	11.1
CENSUS	2012	YEAR		COUNTY	NEW YORK	36	EASTERN	60	SCHOHARIE	95				0	AG SERVICES	AG SERVICES, UTILITIES - OPERATIONS WITH EXPENSE	TOTAL	NOT SPECIFIED	404	8.7



VI-10

## Property Description Report For: Main St, Municipality of Village of Richmondville

No Photo  
Available

**Status:** Re-Activated  
**Roll Section:** Taxable  
**Swis:** 434001  
**Tax Map ID #:** 78.19-3-1.11  
**Property Class:** 105 - Vac farmland  
**Site:** RES 1  
**Site Property Class:** 105 - Vac farmland  
**Zoning Code:** -  
**Neighborhood Code:** 04017  
**School District:** Cobleskill-  
Richmondville  
**Total Assessment:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Market Value/sqft:**  
**Property Desc:** File 1, Map 5767  
**Deed Page:** 346  
**Grid North:** 1385526

**Total Acreage/Size:** 18.00  
**Land Assessment:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Full Market Value:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Equalization Rate:** 2018 - Tentative  
100.00%  
2017 - 100.00%  
**Deed Book:** 316  
**Grid East:** 477213

### Area

**Living Area:** 0 sq. ft.      **First Story Area:** 0 sq. ft.  
**Second Story Area:** 0 sq. ft.      **Half Story Area:** 0 sq. ft.  
**Additional Story Area:** 0 sq. ft.      **3/4 Story Area:** 0 sq. ft.  
**Finished Basement:** 0 sq. ft.      **Number of Stories:** 0  
**Finished Rec Room:** 0 sq. ft.      **Finished Area Over  
Garage:** 0 sq. ft.

### Structure

**Building Style:** 0      **Bathrooms (Full - Half):** 0 - 0  
**Bedrooms:** 0      **Kitchens:** 0  
**Fireplaces:** 0      **Basement Type:** 0  
**Porch Type:** 0      **Porch Area:** 0.00  
**Basement Garage Cap:** 0      **Attached Garage Cap:** 0.00 sq. ft.  
**Overall Condition:** 0      **Overall Grade:**  
**Year Built:**

---

## Owners

Harold J Loder  
608 Beards Hollow Rd  
Richmondville NY 12149

A. Marie Loder  
608 Beards Hollow Rd  
Richmondville NY 12149

---

## Sales

*No Sales Information Available*

---

## Utilities

<b>Sewer Type:</b>	Comm/public	<b>Water Supply:</b>	Comm/public
<b>Utilities:</b>	Electric	<b>Heat Type:</b>	0
<b>Fuel Type:</b>	0	<b>Central Air:</b>	No

---

## Improvements

Structure	Size	Grade	Condition	Year
-----------	------	-------	-----------	------

---

## Land Types

Type	Size
Undeveloped	1.00 acres
Residual	17.00 acres

---

## Special Districts for 2018 **(Tentative)**

*No information available for the 2018 roll year.*

## Special Districts for 2017

*No information available for the 2017 roll year.*

---

## Exemptions

Year	Description	Amount	Exempt %	Start Yr	End Yr	V Flag	H Code	Own %
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## Taxes

Year	Description	Amount
------	-------------	--------

**\*Taxes reflect exemptions, but may not include recent changes in assessment.**



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<a href="#">Inventory</a>
<a href="#">Improvements</a>
<a href="#">Tax Info</a>
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<b>Municipality of Village of Richmondville</b>			
SWIS:	434001	Tax ID:	78.19-3-1.11
<b>Tax Map ID / Property Data</b>			
Status:	Re-Activated	Roll Section:	Taxable
Address:	Main St		
Property Class:	105 - Vac farmland	Site Property Class:	105 - Vac farmland
Ownership Code:			
Site:	N/A		
Zoning Code:	-	Bldg. Style:	0
Neighborhood:	04017 -	School District:	Cobleskill-Richmondville
Property Description:	File 1, Map 5767		
Total Acreage/Size:	18.00	Equalization Rate:	2018 - Tentative 100.00% 2017 - 100.00%
Land Assessment:	2018 - Tentative \$48,750 2017 - \$48,750	Total Assessment:	2018 - Tentative \$48,750 2017 - \$48,750
Full Market Value:	2018 - Tentative \$48,750 2017 - \$48,750	Market Value/sqft:	N/A
Deed Book:	316	Deed Page:	346
Grid East:	477213	Grid North:	1385526
<p><b>Special Districts for 2018</b> <b>(Tentative)</b></p> <p><i>No information available for the 2018 roll year.</i></p> <p><b>Special Districts for 2017</b></p>			

<b>Photographs</b>
No Photo Available

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*No information available for the 2017 roll year.*

### Land Types

Type	Size
Undeveloped	1.00 acres
Residual	17.00 acres



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**Municipality of Village of Richmondville**

---

SWIS:	434001	Tax ID:	78.19-3-1.11
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---

**Ownership Information**

Name	Address
Harold J Loder	608 Beards Hollow Rd Richmondville NY 12149
A. Marie Loder	608 Beards Hollow Rd Richmondville NY 12149

---

**Sale Information**

*No Sales Information Available*

**Photographs**

No Photo Available

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**Municipality of Village of Richmondville**

---

SWIS:	434001	Tax ID:	78.19-3-1.11
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---

**Structure**

Building Style:	0
Number of Baths:	0 (Full)
Number of Bedrooms:	0
Number of Kitchens:	0
Number of Fireplaces:	0
Overall Condition:	0
Overall Grade:	
Porch Type:	
Porch Area:	
Year Built:	
Basement Type:	0
Basement Garage Cap.:	0
Attached Garage Cap.:	0 sq. ft.

---

**Area**

Living Area:	0 sq. ft.
First Story Area:	0 sq. ft.
Second Story Area:	0 sq. ft.
Half Story Area:	0 sq. ft.
Additional Story Area:	0 sq. ft.
Three-Quarter Story Area:	0 sq. ft.
Finished Basement:	0 sq. ft.

**Photographs**

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No Photo Available

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Finished Rec Room:	0 sq. ft.
Finished Area Over Garage:	0 sq. ft.
Number of Stories:	0
<b>Utilities</b>	
Sewer Type:	Comm/public
Water Supply:	Comm/public
Utilities:	Electric
Heat Type:	0
Fuel Type:	0
Central Air:	No



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**Municipality of Village of Richmondville**

SWIS:	434001	Tax ID:	78.19-3-1.11
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*No Improvements*

**Photographs**

No Photo Available

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<b>Tax Links</b>
<a href="#">Property Info</a>
<a href="#">Tax Calculator</a>

## Tax Bill Information

### Municipality of Village of Richmondville

SWIS:	434001	Tax ID:	78.19-3-1.11
-------	--------	---------	--------------

### Tax Summary

Taxes reflect exemptions, but may not include recent changes in assessment.

### Taxable Values

2018			
County Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
Muni. Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
Village Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
School Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
2017			
County Taxable	\$48,750	Exemptions	\$0
Muni. Taxable	\$48,750	Exemptions	\$0
Village Taxable	\$48,750	Exemptions	\$0
School Taxable	\$48,750	Exemptions	\$0

### Exemptions for 2018

*Tentative*

*No Details Available*

**Exemptions for 2017**

*No Details Available*

**This Indenture**

Made the 16th day of April  
Nineteen Hundred and Sixty-Five

State of New York  
County of Schoharie } ss.

Recorded on the 16th day  
of April A. D., 1965 at  
3:04 o'clock P. M. in liber  
376 of DEEDS at page 346  
and examined.

*Ermine Hallack* Clerk

**Between** JOSEPH E. MARQUIS and MADELINE M. MARQUIS, husband and wife, as tenants by the entirety, residing at East Main Street, in the Village and Town of Richmondville, Schoharie County, New York,

**parties of the first part, and**

HAROLD J. LODER and A. MARIE LODER, husband and wife, as tenants by the entirety, residing in the Town of Richmondville, Schoharie County, New York, P. O. Address: R. D., Richmondville, New York,

**parties of the second part,**

**Witnesseth** that the parties of the first part, in consideration of  
\*\*\*\*\* TEN \*\*\*\*\* Dollar (\$ 10.00 )  
lawful money of the United States, and other good and valuable consideration paid by the parties of the second part, do hereby grant and release unto the parties of the second part, their heirs and assigns forever, all those certain pieces or parcels of land known as parts of lots No. 31, 35 and 36 in the first allotment of Skinners Patent in the town of Richmondville, Schoharie County, New York, bounded and described as follows: Beginning at the northwest corner of the lands of A. H. Felter (formerly, now Lynn Brooker) and running thence south 3° west 44 chains 42 links to the centre of the highway thence South 84 3/4° west 8 chains 86 links thence south 7 1/4° east 18 chains 18 links thence North 86 1/2° West 11 chains 50 links thence North 2 1/4° East 8 chains 33 links thence South 79 1/4° East 3 chains 54 links thence North 3 1/2° East 9 chains 62 links thence North 79 1/2° West 2 chains 50 links thence south 3 3/4° West 5 chains thence North 79° West 4 chains 92 links thence North 3 1/2° East 1 chain 84 links thence North 24 1/4° West 38 links thence North 3° East 2 chains 75 links to the centre of the highway thence South along the centre of the highway 80° East 97 links thence North 2 1/2° East 1 chain 90 links thence North 55 1/2° West 76 links thence North 1 3/4° West 1 chain 76 links thence North 87 1/2° West 83 links to the land of John Westover (formerly) thence North 3° East 41 chains thence South 87 3/4° East 21 chains 93 links to the place of beginning containing ONE HUNDRED FOURTEEN ACRES ONE ROD AND THIRTY-EIGHT RODS OF LAND more or less. EXCEPTING and RESERVING from the above pieces of land the following described parcels which are bounded as follows: Beginning in the centre of the public highway on the North East corner of lands formerly owned by Levi Ostrander dec'd and runs from thence South 80° E along the centre of said highway 2 chains 29 links to a stone thence North 87 1/2° E. 2 chains 61 links to the North West corner of lands owned and occupied by Levi Marshall thence from the centre of said highway South 6 1/2° E. 17 chains 97 links to a stone on the North line of lands of John N. DeGraff thence North 86° W. 11 chains 49 links to a stone thence North 2° 45' E. 8 chains 35 links to a stone thence South 78° 45' E. 3 chains 57 links to a stone thence North 4 1/2° E 9 chains 70 links to the place of beginning containing 14 acres 1 rood and 1 rod of land. Also another piece of land bounded as follows: Beginning in the centre of the public highway on the North West corner of lands formerly owned by Levi Ostrander, deceased, and runs from thence South 4° W. 4 chains and 99 links to a stone thence North 78° W. 4 chains 99 links to a stone thence North 5 1/4° E 1 chain 36 links to a stone thence North 26 1/4° W. 73 links to a stone thence North 4° E. 2 chains 96 links to the centre of said highway thence along the centre of said highway South 78° 45' E 5 chains 32 links to the place of beginning containing 2 acres 2 roods and 9 rods of land as surveyed by Isaac Mann, surveyor. Also 5 acres 3 roods of land hereto-

LIBER 316 PAGE 346

fore sold to the Albany & Susquehanna Railroad Co. also excepting and reserving the rights conveyed to the Delaware & Hudson Canal Co. by lease given by Lamont & Loveland to said company and bears date the fall of 1873 for one acre.

ALSO

Excepting and reserving therefrom the following parcels of land: (1) A parcel containing 0.23 acres, more or less, conveyed to the County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 165 of Deeds, page 290; (2) A parcel containing 3.12 acres, more or less, conveyed to The County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 224 of Deeds, page 251; (3) A parcel containing 0.01 acres, more or less, conveyed to The County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 224 of Deeds, page 263. Also excepting and reserving any and all easements heretofore granted the Village of Richmondville for water and sewer lines and for the erection of electric power transmission lines; and excepting and reserving any rights acquired by the New York Telephone Company as described in a certain easement dated July 6, 1960 and recorded in the Schoharie County Clerk's Office in Book 294 of Deeds at Page 551, although no part of the underground telephone conduits, for which said easement was granted, have been constructed on the north side of New York State Route #7.

"ALSO EXCEPTING and RESERVING from Parcel III to Conrad S. Bader and Johanna K. Bader, their heirs, successors and assigns, the following two (2) described parcels of land: (1) All the triangular parcel of land lying between and bounded by the old New York State Highway #5458, known as East Main Street, on the North; by the present New York State Highway #5458 (New York State Route #7) on the South; by lands of Lewis and Gerda Karker on the East and containing by estimation ONE-EIGHTH ACRE of land more or less, together with all right, title and interest, if any, of Baders' to the public streets and highways abutting the above described premises to the center lines thereof.

(2) Beginning at an iron pin driven in the ground in the Northerly boundary of East Main Street, said pin being at the South-west corner of the property herein described, Thence N 07° 57' E 109.90 feet along the lands of Agnes Fladerer, to another iron pin; Thence N 56° 04' W 50.82 feet, along the lands of Agnes Fladerer, to another iron pin; Thence N 03° 11' E 49.50 feet, along the lands of Agnes Fladerer to another iron pin; Thence S 86° 46' E 68.25 feet, through the lands of Conrad and Johanna Bader, to another iron pin; Thence S 39° 30' E 128.50 feet, through the lands of Conrad and Johanna Bader to another iron pin; Thence S 06° 23' W 91.00 feet, through the lands of Conrad and Johanna Bader, to another iron pin standing in the Northerly boundary of State Highway No. 5458 described in Map No. 2.2 dated March 25, 1938. Thence along said highway boundary S 89° 45' W 76.00 feet to another pin, said pin being at the North-west corner of the parcel described in the aforementioned map; Thence N 79° 34' W 40.15 feet along the Northerly boundary of East Main Street to the place of beginning. Containing 0.46 ACRES of land, more or less. (Surveyed by James S. Van Deusen April, 1962), together with all right, title and interest, if any, of Baders' to the public streets and highways abutting the above described premises to the center lines thereof. Being the dwelling house premises now designated as No. 60 East Main Street, Richmondville, New York. "

BEING, all and the same premises identified as "Parcel III (Moot Farm)" as conveyed by Conrad S. and Johanna K. Bader to Joseph E. Marquis and Madeline M. Marquis, husband and wife, as tenants by the entirety, by deed dated April 26, 1962 and recorded in the Schoharie County Clerk's Office April 30, 1962, in Book 302 of Deeds at Page 58.

Together with the appurtenances and all the estate and rights of the parties of the first part in and to said premises.  
 To have and to hold the premises herein granted unto the parties of the second part, their heirs and assigns forever.

And said Joseph E. Marquis and Madeline M. Marquis covenant as follows:  
 First, That the parties of the second part shall quietly enjoy the said premises;

Second, That said Joseph E. Marquis and Madeline M. Marquis will forever Warrant the title to said premises.

Third, That, in Compliance with Sec. 13 of the Lien Law, the grantors will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

In Witness Whereof, the parties of the first part have hereunto set their hands and seals the day and year first above written.

In Presence of  
*[Signature]*

*[Signature]*  
 Joseph E. Marquis  
*[Signature]*  
 Madeline M. Marquis  
 RECEIVED  
 APR 16 1965  
 COUNTY OF SCHENECTADY  
 OFFICE OF THE CLERK

State of New York  
 County of SCHENECTADY

On this 16th day of April  
 Nineteen Hundred and Sixty-Five

before me, the subscriber, personally appeared

\*\*\*\*\* JOSEPH E. MARQUIS and MADELINE M. MARQUIS \*\*\*\*\*

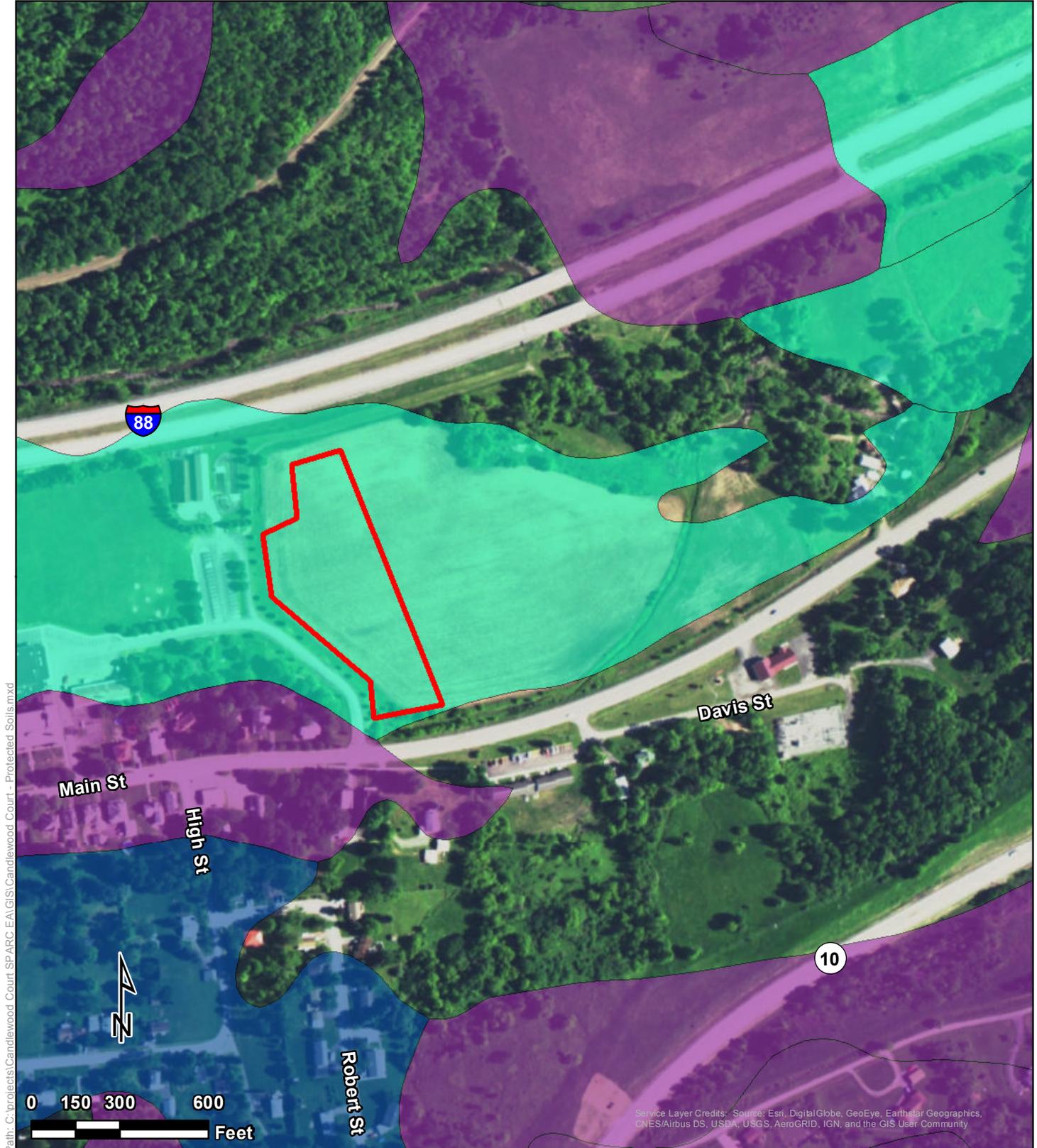
to me personally known and known to me to be the same persons described in and who executed the within Instrument, and they severally acknowledged to me that they executed the same.

*[Signature]*  
 Notary Public



On this  
 Nineteen Hundred and  
 day of  
 ally appeared

to me to be the same person described in and  
 ent, and he acknowledged  
 he same.



Path: C:\projects\Candlewood Court SPARC EA\GIS\Candlewood Court - Protected Soils.mxd

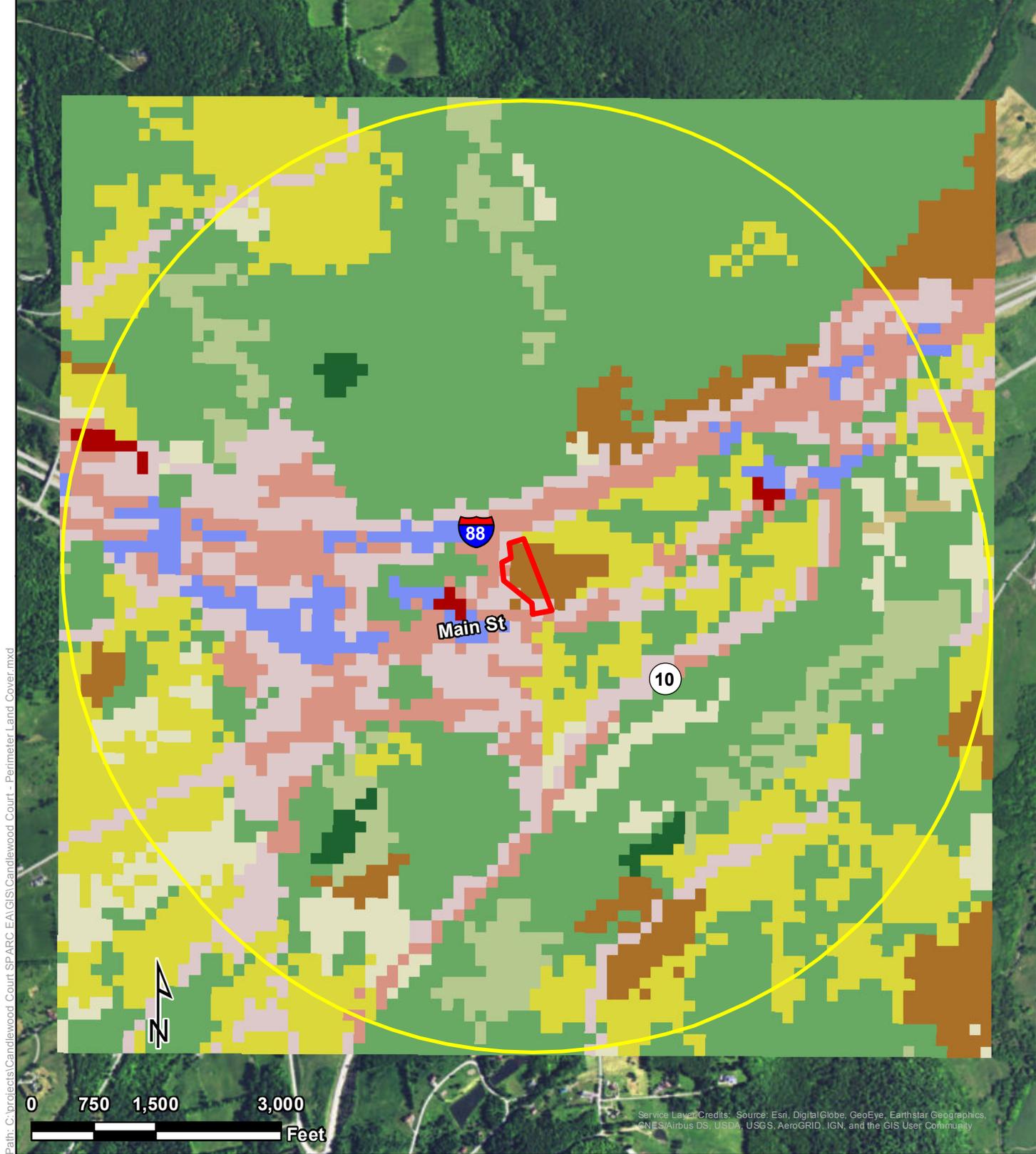
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Legend**

- Project Area
- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if drained

**Protected Soils**

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



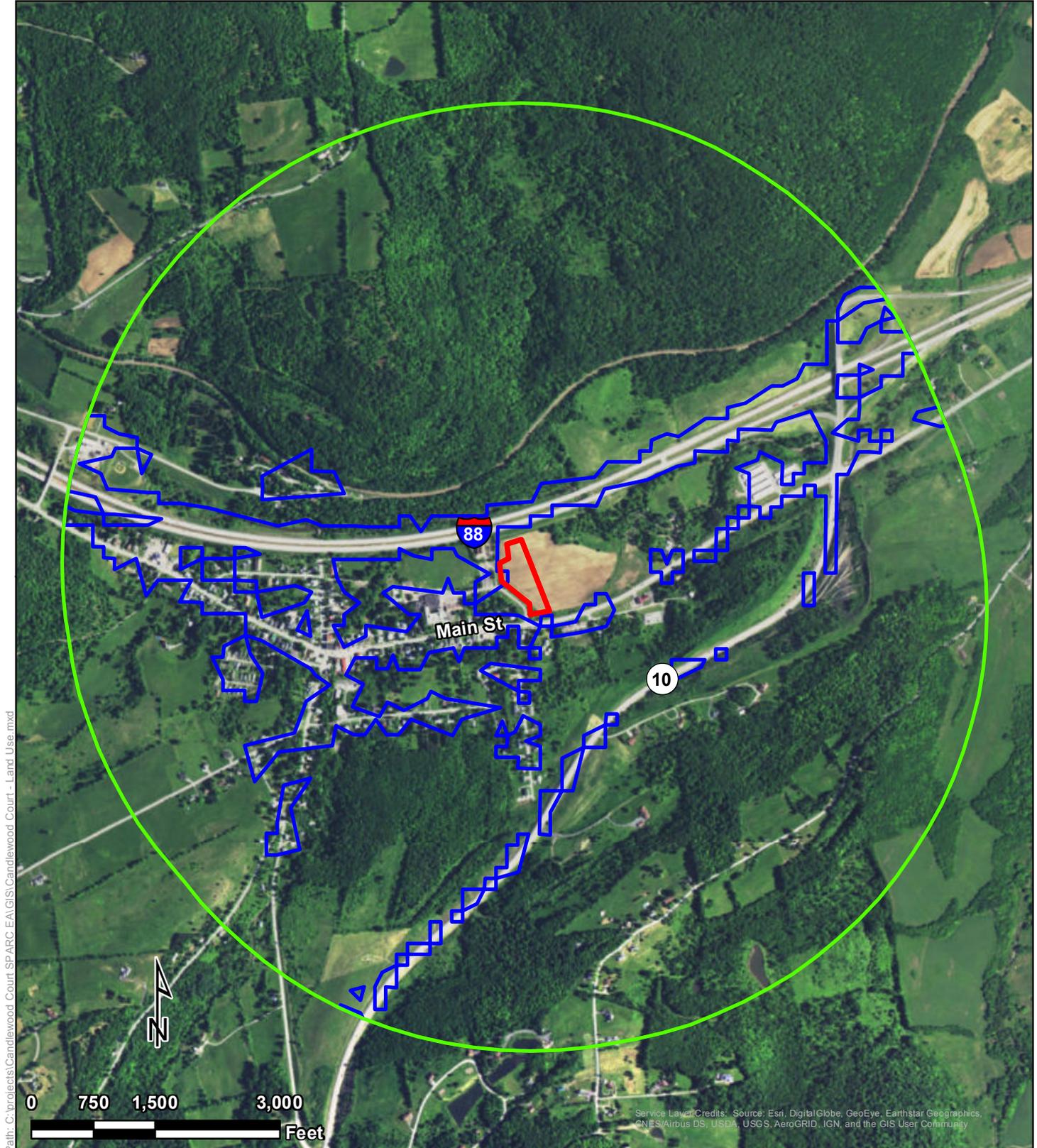
Service Layer/Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- Legend**
- Project Area
  - One-Mile Project Site Buffer
- Land Cover**
- Developed, Open Space
  - Developed, Low Intensity
  - Developed, Medium Intensity
  - Developed, High Intensity
  - Deciduous Forest
  - Evergreen Forest
  - Mixed Forest
  - Shrub/Scrub
  - Herbaceous
  - Hay/Pasture
  - Cultivated Crops

## Perimeter Land Cover

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York





## Land Use

### Legend

- Project Area
- One-Mile Project Site Buffer
- Developed Land (NLCD)

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



Tetra Tech, Inc



**Legend**

**Urban Areas with Population Greater than 2,500**

- Cobleskill
- Project Area

***Nearest Urban Area***

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York



Tetra Tech, Inc



**Legend**

- Project Area
- Project Area Parcel

***Project Area and Parcel***

Candlewood Court I and II  
 Davis Lane and East Main Street  
 Richmondville, Schoharie County, New York

AD1006 Section		Measurement	Percent
VI.1	Acres within 1 Mile	1,243	
	Acres developed	156	13
	Acres undeveloped	1,087	87
VI.2	Perimeter within 1 Mile	595,695	
	Feet developed	109,960	18
	Feet undeveloped	485,735	82
VI.7	Average farm size Schoharie County (acres)	185	
	Size of parcel (acres)	18	10
	Size of project (acres)	6	33
VI.8	Remaining parcel	12	67



United States Department of Agriculture

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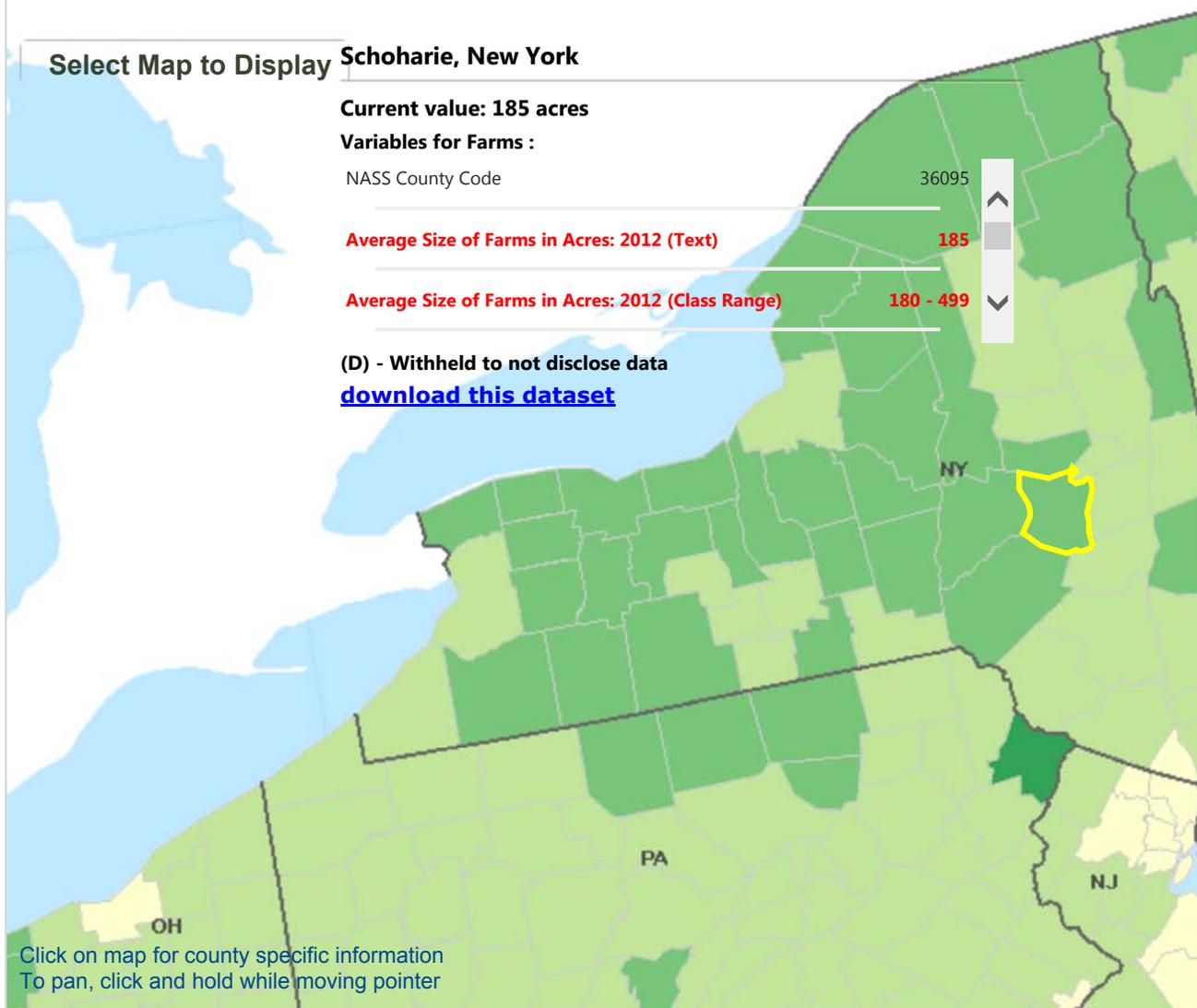
## Ag Census Web Maps

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## Average Size of Farms in Acres: 2012

Print H

State Zoom



- Acres**
- Less than
  - 50 - 179
  - 180 - 499
  - 500 - 1,99
  - 2,000 or more

### USDA/NASS, 2012 Census of Agriculture

For data collection, some county equivalent entities in Alaska, Hawaii, Maryland, Missouri, and Virginia are included in other county equivalent entities. Also, choropleth change maps show county values representing significance of change, not county values indicating increase/decrease 2012 vs. 2007 summary data.

Last Modified: 07/13/2017

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## Property Description Report For: Main St, Municipality of Village of Richmondville

No Photo  
Available

**Status:** Re-Activated  
**Roll Section:** Taxable  
**Swis:** 434001  
**Tax Map ID #:** 78.19-3-1.11  
**Property Class:** 105 - Vac farmland  
**Site:** RES 1  
**Site Property Class:** 105 - Vac farmland  
**Zoning Code:** -  
**Neighborhood Code:** 04017  
**School District:** Cobleskill-  
Richmondville  
**Total Assessment:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Market Value/sqft:**  
**Property Desc:** File 1, Map 5767  
**Deed Page:** 346  
**Grid North:** 1385526

**Total Acreage/Size:** 18.00  
**Land Assessment:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Full Market Value:** 2018 - Tentative  
\$48,750  
2017 - \$48,750  
**Equalization Rate:** 2018 - Tentative  
100.00%  
2017 - 100.00%  
**Deed Book:** 316  
**Grid East:** 477213

### Area

**Living Area:** 0 sq. ft.      **First Story Area:** 0 sq. ft.  
**Second Story Area:** 0 sq. ft.      **Half Story Area:** 0 sq. ft.  
**Additional Story Area:** 0 sq. ft.      **3/4 Story Area:** 0 sq. ft.  
**Finished Basement:** 0 sq. ft.      **Number of Stories:** 0  
**Finished Rec Room:** 0 sq. ft.      **Finished Area Over  
Garage:** 0 sq. ft.

### Structure

**Building Style:** 0      **Bathrooms (Full - Half):** 0 - 0  
**Bedrooms:** 0      **Kitchens:** 0  
**Fireplaces:** 0      **Basement Type:** 0  
**Porch Type:** 0      **Porch Area:** 0.00  
**Basement Garage Cap:** 0      **Attached Garage Cap:** 0.00 sq. ft.  
**Overall Condition:** 0      **Overall Grade:**  
**Year Built:**

---

## Owners

Harold J Loder  
608 Beards Hollow Rd  
Richmondville NY 12149

A. Marie Loder  
608 Beards Hollow Rd  
Richmondville NY 12149

---

## Sales

*No Sales Information Available*

---

## Utilities

<b>Sewer Type:</b>	Comm/public	<b>Water Supply:</b>	Comm/public
<b>Utilities:</b>	Electric	<b>Heat Type:</b>	0
<b>Fuel Type:</b>	0	<b>Central Air:</b>	No

---

## Improvements

Structure	Size	Grade	Condition	Year
-----------	------	-------	-----------	------

---

## Land Types

Type	Size
Undeveloped	1.00 acres
Residual	17.00 acres

---

## Special Districts for 2018 **(Tentative)**

*No information available for the 2018 roll year.*

## Special Districts for 2017

*No information available for the 2017 roll year.*

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## Exemptions

Year	Description	Amount	Exempt %	Start Yr	End Yr	V Flag	H Code	Own %
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## Taxes

Year	Description	Amount
------	-------------	--------

**\*Taxes reflect exemptions, but may not include recent changes in assessment.**



Image Mate Online

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- [Owner/Sales](#)
- [Inventory](#)
- [Improvements](#)

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**Municipality of Village of Richmondville**

SWIS:	434001	Tax ID:	78.19-3-1.11
-------	--------	---------	--------------

**Tax Map ID / Property Data**

Status:	Re-Activated	Roll Section:	Taxable
Address:	Main St		
Property Class:	105 - Vac farmland	Site Property Class:	105 - Vac farmland
Ownership Code:			
Site:	N/A		
Zoning Code:	-	Bldg. Style:	0
Neighborhood:	04017 -	School District:	Cobleskill-Richmondville
Property Description:	File 1, Map 5767		
Total Acreage/Size:	18.00	Equalization Rate:	2018 - Tentative 100.00% 2017 - 100.00%
Land Assessment:	2018 - Tentative \$48,750 2017 - \$48,750	Total Assessment:	2018 - Tentative \$48,750 2017 - \$48,750
Full Market Value:	2018 - Tentative \$48,750 2017 - \$48,750	Market Value/sqft:	N/A
Deed Book:	316	Deed Page:	346
Grid East:	477213	Grid North:	1385526

**Special Districts for 2018  
(Tentative)**

*No information available for the 2018 roll year.*

**Special Districts for 2017**

**Photographs**

No Photo Available

**Maps**

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*No information available for the 2017 roll year.*

### Land Types

Type	Size
Undeveloped	1.00 acres
Residual	17.00 acres



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**Municipality of Village of Richmondville**

---

SWIS:	434001	Tax ID:	78.19-3-1.11
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---

**Ownership Information**

Name	Address
Harold J Loder	608 Beards Hollow Rd Richmondville NY 12149
A. Marie Loder	608 Beards Hollow Rd Richmondville NY 12149

---

**Sale Information**

*No Sales Information Available*

**Photographs**

No Photo Available

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  - [Tax Info](#)
  
  - [Report](#)
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  - [View Deed](#)

**Municipality of Village of Richmondville**

---

SWIS:	434001	Tax ID:	78.19-3-1.11
-------	--------	---------	--------------

---

**Structure**

Building Style:	0
Number of Baths:	0 (Full)
Number of Bedrooms:	0
Number of Kitchens:	0
Number of Fireplaces:	0
Overall Condition:	0
Overall Grade:	
Porch Type:	
Porch Area:	
Year Built:	
Basement Type:	0
Basement Garage Cap.:	0
Attached Garage Cap.:	0 sq. ft.

---

**Area**

Living Area:	0 sq. ft.
First Story Area:	0 sq. ft.
Second Story Area:	0 sq. ft.
Half Story Area:	0 sq. ft.
Additional Story Area:	0 sq. ft.
Three-Quarter Story Area:	0 sq. ft.
Finished Basement:	0 sq. ft.

**Photographs**

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No Photo Available

- Maps**
- [View Tax Map](#)
  - [Pin Property on GIS Map](#)
  - [View in Google Maps](#)
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Finished Rec Room:	0 sq. ft.
Finished Area Over Garage:	0 sq. ft.
Number of Stories:	0
<b>Utilities</b>	
Sewer Type:	Comm/public
Water Supply:	Comm/public
Utilities:	Electric
Heat Type:	0
Fuel Type:	0
Central Air:	No



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**Residential**

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- [Owner/Sales](#)
- [Inventory](#)
- [Improvements](#)
- [Tax Info](#)
- [Report](#)
- [Comparables](#)
- [View Deed](#)

**Municipality of Village of Richmondville**

SWIS:	434001	Tax ID:	78.19-3-1.11
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*No Improvements*

**Photographs**

No Photo Available

**Maps**

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<b>Tax Links</b>
<a href="#">Property Info</a>
<a href="#">Tax Calculator</a>

## Tax Bill Information

### Municipality of Village of Richmondville

SWIS:	434001	Tax ID:	78.19-3-1.11
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### Tax Summary

Taxes reflect exemptions, but may not include recent changes in assessment.

### Taxable Values

2018			
County Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
Muni. Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
Village Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
School Taxable	\$48,750 (Tentative)	Exemptions	\$0 (Tentative)
2017			
County Taxable	\$48,750	Exemptions	\$0
Muni. Taxable	\$48,750	Exemptions	\$0
Village Taxable	\$48,750	Exemptions	\$0
School Taxable	\$48,750	Exemptions	\$0

### Exemptions for 2018

*Tentative*

*No Details Available*

**Exemptions for 2017**

*No Details Available*

**This Indenture**

Made the 16th day of April  
Nineteen Hundred and Sixty-Five

State of New York }  
County of Schoharie } ss.

Recorded on the 16th day  
of April A. D., 1965 at  
3:04 o'clock P. M. in liber  
376 of DEEDS at page 346  
and examined.

*Ermine Hallack* Clerk

**Between** JOSEPH E. MARQUIS and MADELINE M. MARQUIS, husband and wife, as tenants by the entirety, residing at East Main Street, in the Village and Town of Richmondville, Schoharie County, New York,

**parties of the first part, and**

HAROLD J. LODER and A. MARIE LODER, husband and wife, as tenants by the entirety, residing in the Town of Richmondville, Schoharie County, New York, P. O. Address: R. D., Richmondville, New York,

**parties of the second part,**

**Witnesseth** that the parties of the first part, in consideration of  
\*\*\*\*\* TEN \*\*\*\*\* Dollar (\$ 10.00 )  
lawful money of the United States, and other good and valuable consideration paid by the parties of the second part, do hereby grant and release unto the parties of the second part, their heirs and assigns forever, all those certain pieces or parcels of land known as parts of lots No. 31, 35 and 36 in the first allotment of Skinners Patent in the town of Richmondville, Schoharie County, New York, bounded and described as follows: Beginning at the northwest corner of the lands of A. H. Felter (formerly, now Lynn Brooker) and running thence south 3° west 44 chains 42 links to the centre of the highway thence South 84 3/4° west 8 chains 86 links thence south 7 1/4° east 18 chains 18 links thence North 86 1/2° West 11 chains 50 links thence North 2 1/4° East 8 chains 33 links thence South 79 1/4° East 3 chains 54 links thence North 3 1/2° East 9 chains 62 links thence North 79 1/2° West 2 chains 50 links thence south 3 3/4° West 5 chains thence North 79° West 4 chains 92 links thence North 3 1/2° East 1 chain 84 links thence North 24 1/4° West 38 links thence North 3° East 2 chains 75 links to the centre of the highway thence South along the centre of the highway 80° East 97 links thence North 2 1/2° East 1 chain 90 links thence North 55 1/2° West 76 links thence North 1 3/4° West 1 chain 76 links thence North 87 1/2° West 83 links to the land of John Westover (formerly) thence North 3° East 41 chains thence South 87 3/4° East 21 chains 93 links to the place of beginning containing ONE HUNDRED FOURTEEN ACRES ONE ROD AND THIRTY-EIGHT RODS OF LAND more or less. EXCEPTING and RESERVING from the above pieces of land the following described parcels which are bounded as follows: Beginning in the centre of the public highway on the North East corner of lands formerly owned by Levi Ostrander dec'd and runs from thence South 80° E along the centre of said highway 2 chains 29 links to a stone thence North 87 1/2° E. 2 chains 61 links to the North West corner of lands owned and occupied by Levi Marshall thence from the centre of said highway South 6 1/2° E. 17 chains 97 links to a stone on the North line of lands of John N. DeGraff thence North 86° W. 11 chains 49 links to a stone thence North 2° 45' E. 8 chains 35 links to a stone thence South 78° 45' E. 3 chains 57 links to a stone thence North 4 1/2° E 9 chains 70 links to the place of beginning containing 14 acres 1 rood and 1 rod of land. Also another piece of land bounded as follows: Beginning in the centre of the public highway on the North West corner of lands formerly owned by Levi Ostrander, deceased, and runs from thence South 4° W. 4 chains and 99 links to a stone thence North 78° W. 4 chains 99 links to a stone thence North 5 1/4° E 1 chain 36 links to a stone thence North 26 1/4° W. 73 links to a stone thence North 4° E. 2 chains 96 links to the centre of said highway thence along the centre of said highway South 78° 45' E 5 chains 32 links to the place of beginning containing 2 acres 2 roods and 9 rods of land as surveyed by Isaac Mann, surveyor. Also 5 acres 3 roods of land hereto-

LIBER 316 PAGE 346

fore sold to the Albany & Susquehanna Railroad Co. also excepting and reserving the rights conveyed to the Delaware & Hudson Canal Co. by lease given by Lamont & Loveland to said company and bears date the fall of 1873 for one acre.

ALSO

Excepting and reserving therefrom the following parcels of land: (1) A parcel containing 0.23 acres, more or less, conveyed to the County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 165 of Deeds, page 290; (2) A parcel containing 3.12 acres, more or less, conveyed to The County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 224 of Deeds, page 251; (3) A parcel containing 0.01 acres, more or less, conveyed to The County of Schoharie by deed recorded in Schoharie County Clerk's Office in Book 224 of Deeds, page 263. Also excepting and reserving any and all easements heretofore granted the Village of Richmondville for water and sewer lines and for the erection of electric power transmission lines; and excepting and reserving any rights acquired by the New York Telephone Company as described in a certain easement dated July 6, 1960 and recorded in the Schoharie County Clerk's Office in Book 294 of Deeds at Page 551, although no part of the underground telephone conduits, for which said easement was granted, have been constructed on the north side of New York State Route #7.

"ALSO EXCEPTING and RESERVING from Parcel III to Conrad S. Bader and Johanna K. Bader, their heirs, successors and assigns, the following two (2) described parcels of land: (1) All the triangular parcel of land lying between and bounded by the old New York State Highway #5458, known as East Main Street, on the North; by the present New York State Highway #5458 (New York State Route #7) on the South; by lands of Lewis and Gerda Karker on the East and containing by estimation ONE-EIGHTH ACRE of land more or less, together with all right, title and interest, if any, of Baders' to the public streets and highways abutting the above described premises to the center lines thereof.

(2) Beginning at an iron pin driven in the ground in the Northerly boundary of East Main Street, said pin being at the South-west corner of the property herein described, Thence N 07° 57' E 109.90 feet along the lands of Agnes Fladerer, to another iron pin; Thence N 56° 04' W 50.82 feet, along the lands of Agnes Fladerer, to another iron pin; Thence N 03° 11' E 49.50 feet, along the lands of Agnes Fladerer to another iron pin; Thence S 86° 46' E 68.25 feet, through the lands of Conrad and Johanna Bader, to another iron pin; Thence S 39° 30' E 128.50 feet, through the lands of Conrad and Johanna Bader to another iron pin; Thence S 06° 23' W 91.00 feet, through the lands of Conrad and Johanna Bader, to another iron pin standing in the Northerly boundary of State Highway No. 5458 described in Map No. 2.2 dated March 25, 1938. Thence along said highway boundary S 89° 45' W 76.00 feet to another pin, said pin being at the North-west corner of the parcel described in the aforementioned map; Thence N 79° 34' W 40.15 feet along the Northerly boundary of East Main Street to the place of beginning. Containing 0.46 ACRES of land, more or less. (Surveyed by James S. Van Deusen April, 1962), together with all right, title and interest, if any, of Baders' to the public streets and highways abutting the above described premises to the center lines thereof. Being the dwelling house premises now designated as No. 60 East Main Street, Richmondville, New York."

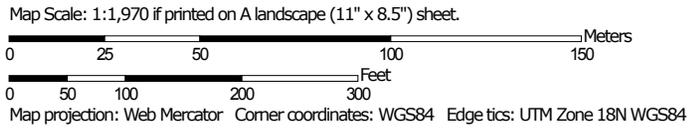
BEING, all and the same premises identified as "Parcel III (Moot Farm)" as conveyed by Conrad S. and Johanna K. Bader to Joseph E. Marquis and Madeline M. Marquis, husband and wife, as tenants by the entirety, by deed dated April 26, 1962 and recorded in the Schoharie County Clerk's Office April 30, 1962, in Book 302 of Deeds at Page 58.



Farmland Classification—Schoharie County, New York



Soil Map may not be valid at this scale.



**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

**Soil Rating Polygons**

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

**Soil Rating Lines**

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained

-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
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-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

**Soil Rating Points**

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if irrigated and drained
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-  Farmland of local importance
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**Water Features**

## MAP INFORMATION

-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:15,800.

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

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

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Schoharie County, New York  
Survey Area Data: Version 12, Sep 24, 2016

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

Date(s) aerial images were photographed: Jun 19, 2010—Oct 9, 2010

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.

## Farmland Classification

Farmland Classification— Summary by Map Unit — Schoharie County, New York (NY095)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bg	Barbour and Tioga loams	All areas are prime farmland	7.0	96.2%
Wa	Wayland soils complex, non-calcareous substratum, 0 to 3 percent slopes, frequently flooded	Not prime farmland	0.3	3.8%
<b>Totals for Area of Interest</b>			<b>7.2</b>	<b>100.0%</b>

### Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

### Rating Options

*Aggregation Method:* No Aggregation Necessary

*Tie-break Rule:* Lower



Natural Resources  
Conservation Service

March 31, 2017

441 South Salina St.  
Suite 354  
Syracuse, NY 13212  
315-477-6506  
[kathryn.duncan@ny.usda.gov](mailto:kathryn.duncan@ny.usda.gov)

Alicia Shultz  
Governor's Office of Storm Recovery  
NYS Home and Community Renewal  
38-40 State. St., 408N, Hampton Plaza  
Albany NY, 12207

Re: Candlewood Court I & II, Village of Richmondville, Schoharie Co.  
NRCS FPPA review

Ms. Shultz,

I have received the materials with the information needed to complete a Farmland Conversion Impact Rating (NRCS-AD-1006) for the project cited above which is required by HUD.

One thing to note is that I had to use the values associated with Tioga loam soils in Albany County. The LESA system for Schoharie Co. has not yet been developed but in consultation with a resource soil scientist they are comfortable that the Tioga loam soil in Albany County correlates well to the Barbour and Tioga loams soil in Schoharie County and they would have the same value if the LESA system had been established already.

The site is wholly contained in that one soil type which is considered prime farmland. The final weighted value is 92, meaning that given the ability, the land would have a high output of crop.

In the future please address your request to Cathy Keenan at the address listed on the left to avoid a delay in the processing of your request.

Once the rest of the form has been completed please return to me as you have described in your cover letter. If you have any questions about this determination please feel free to contact me.

Kathryn Duncan  
Cartographer



## Governor's Office of Storm Recovery

ANDREW M.  
CUOMO  
Governor

LISA BOVA-HIATT  
Executive Director

March 29, 2017

Dianna Stanton  
District Conservationist  
Schoharie Service Center  
U.S. Department of Agriculture, Natural Resources Conservation Service  
108 Holiday Way  
Schoharie, NY 12157

Re: U.S. Department of Agriculture Farmland Conversion Impact Rating, Candlewood Court I & II, A Neighborhood Revitalization Project, Village of Richmondville, Schoharie County, New York

Dear Mr. Capraro:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is conducting an environmental review under HUD's environmental review regulations (24 CFR Part 58) and New York State's Environmental Quality Review Act (SEQRA) for the Candlewood Court I & II Housing and Infrastructure project, located in the Village of Richmondville, Schoharie County, New York (see **Figures 1 and 2**).

GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to the Farmland Protection Policy Act (FPPA). The development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7). The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two 20-unit, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated with other non-residential uses to establish a new "gateway" into Richmondville. The project will consist of two separate buildings on two separate lots. The buildings will be approximately 23,600 sf and will consist of approximately 12-one bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric. The purpose of this letter is to provide the Natural Resources Conservation Service (NRCS) notice of the proposed project and to document FPPA compliance. The soils on the parcel are shown as prime farmland (See **Figure 3**). Approximately 5 acres will be converted. Please find attached the Form AD-1066 (form) for your review and use. Per the form the following steps will be followed:

1. NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland and complete Parts II, IV and V of the form.
2. For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
3. NRCS will return the original copy of the form to the GOSR, and retain a file copy for NRCS records.
4. GOSR will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
5. GOSR will make a determination as to whether the proposed conversion is consistent with the FPPA.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or [Alicia.Shultz@nyshcr.org](mailto:Alicia.Shultz@nyshcr.org). Thank you for your time and consideration.

Sincerely,



Alicia Shultz  
Senior Environmental Scientist  
Governor's Office of Storm Recovery  
New York State Homes & Community Renewal  
38-40 State St., 408N, Hampton Plaza, Albany, NY 12207  
(518) 474-0647 | cell (917) 376-9003 [Alicia.Shultz@nyshcr.org](mailto:Alicia.Shultz@nyshcr.org) |  
Attachments:

Form AD-1006 including:

- Figure 1: Project Location Map
- Figure 2: Project Area Map
- Figure 3: Protected Soils Map with attached soil descriptions
- Site Plan

**FARMLAND CONVERSION IMPACT RATING**

<b>PART I</b> (To be completed by Federal Agency)		Date Of Land Evaluation Request			
Name of Project		Federal Agency Involved			
Proposed Land Use		County and State			
<b>PART II</b> (To be completed by NRCS)		Date Request Received By NRCS		Person Completing Form:	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>		YES <input type="checkbox"/>	NO <input type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres:            %		Amount of Farmland As Defined in FPPA Acres:            %		
Name of Land Evaluation System Used	Name of State or Local Site Assessment System		Date Land Evaluation Returned by NRCS		
<b>PART III</b> (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site					
<b>PART IV</b> (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide Important or Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V</b> (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)					
<b>PART VI</b> (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		<b>Maximum Points</b>	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160			
<b>PART VII</b> (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100			
Total Site Assessment (From Part VI above or local site assessment)		160			
<b>TOTAL POINTS (Total of above 2 lines)</b>		260			
Site Selected:		Date Of Selection		Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Reason For Selection:					
Name of Federal agency representative completing this form:					Date:

(See Instructions on reverse side)

## STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 - Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, <http://fppa.nrcs.usda.gov/lesa/>.
- Step 2 - Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s) of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at [http://offices.usda.gov/scripts/ndISAPI.dll/oip\\_public/USA\\_map](http://offices.usda.gov/scripts/ndISAPI.dll/oip_public/USA_map), or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 - For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 - The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA.

## INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

*(For Federal Agency)*

**Part I:** When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

**Part III:** When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

**Part VI:** Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160.

Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \times 160 = 144 \text{ points for Site A}$$

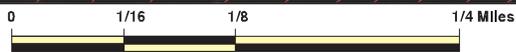
For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.

# DETAIL MAP - 4827380.2S



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



-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

**Figure 1**

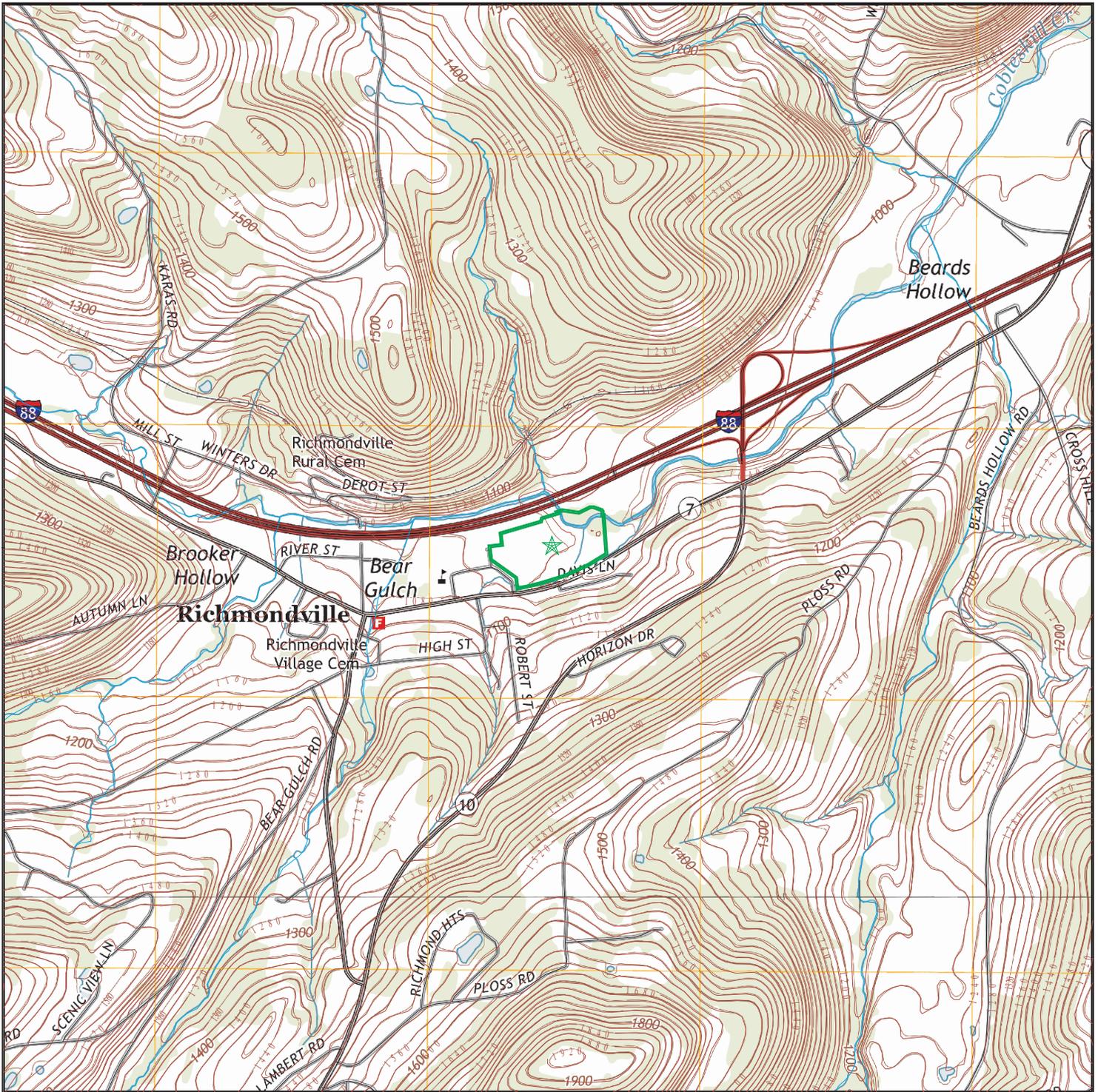


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Davis Ln & East Main St, Richmondville  
 ADDRESS: Tax No. 78.19-3-1.1  
 Richmondville NY 12149  
 LAT/LONG: 42.636615 / 74.55542

CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2s  
 DATE: January 13, 2017 9:57 am

# OVERVIEW MAP - 4827380.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

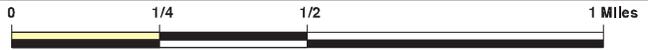
Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



**Figure 2**

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

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 Richmondville NY 12149  
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 CONTACT: Alexa Barber  
 INQUIRY #: 4827380.2S  
 DATE: January 13, 2017 9:56 am

Farmland Classification—Schoharie County, New York



Soil Map may not be valid at this scale.

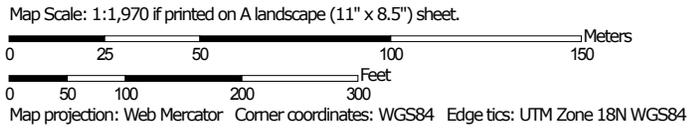


Figure 3

**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

**Soil Rating Polygons**

-  Not prime farmland
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**Water Features**

## MAP INFORMATION

-  Streams and Canals
- Transportation**
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-  US Routes
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-  Local Roads
- Background**
-  Aerial Photography

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Web Soil Survey URL:  
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<b>Totals for Area of Interest</b>			<b>7.2</b>	<b>100.0%</b>

### Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

### Rating Options

*Aggregation Method:* No Aggregation Necessary

*Tie-break Rule:* Lower



8  
 SHEET NO. **53**  
 NORTH

**HARRIS A. SANDERS ARCHITECTS, P.C.**  
 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210  
**HOUSING VISIONS APARTMENTS**  
 MAIN STREET  
 RICHMONDVILLE, NEW YORK

(2) 20 UNIT BUILDINGS  
**SITE PLAN**

PROJECT NO:  
 DESIGNED BY:  
 DRAWN BY:  
 CHECKED BY:  
 SCALE: AS NOTED  
 NOTES:

DATE: 07/19/16  
 REVISED:

PLOTTED: 07/19/16 08:54:45 AM  
 FILE NAME: Housing Visions  
 X-Ref: Site Plan.dwg

## Appendix I – SHPO Correspondence



## Parks, Recreation, and Historic Preservation

**ANDREW M. CUOMO**  
Governor

**ROSE HARVEY**  
Commissioner

June 21, 2017

Mary Barthelme  
Governor's Office of Storm Recovery  
99 Washington Ave, Suite 1224  
Albany, NY 12231

Re: HTF/ GOSR/ NY Rising Program- Construction:  
Affordable Housing Project-Candlewood Court I & II  
365 East Main Street, Richmondville/ Schoharie County  
17PR01249

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Title 54, Section 306108 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on this review, it is the opinion of SHPO that there will be No Aboveground Historic Properties Affected by the proposed undertaking.

This office concurs with the proposed Phase II Archaeological Work Plan (Powers Archaeology, 15 June 2017) with the following comment. We recommend that the proposed shovel tests should be excavated at close intervals in the areas of artifact concentration as a supplementary examination for the presence of sub-plow zone features.

Please submit a site avoidance/ protection plan that describes the measures to be undertaken to protect those portions of the site within the APE that are not examined during the Phase II investigation.

If we can be of further assistance, contact me at (518) 268-2187 [Larry.moss@parks.ny.gov](mailto:Larry.moss@parks.ny.gov) or Philip Perazio at 518-268-2175 [Philip.Perazio@parks.ny.gov](mailto:Philip.Perazio@parks.ny.gov).

Sincerely,

Larry K Moss, Historic Preservation Technical Specialist  
CC: Lori Shirley, NYSHCR

---

**Division for Historic Preservation**

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [www.nysparks.com](http://www.nysparks.com)



**HTF/ GOSR/ NY Rising Program- Construction:  
Affordable Housing Project-Candlewood Court I & II  
365 East Main Street, Richmondville/ Schoharie County  
NYSOPRHP Review # 17PR01249**

**Phase II Archaeological Work Plan**

June 15, 2017

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
Ph: (585) 266-4180  
[www.powersarchaeology.com](http://www.powersarchaeology.com)

## INTRODUCTION

This Phase II work plan was prepared by Powers Archaeology LLC as requested by the NYSOPRHP in a letter dated April 24, 2017, following the completion of Phase I investigations. This work plan encompasses Phase II Cultural Resource Investigations for a portion of the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006), which falls within the Area of Potential Effect for the proposed Affordable Housing - Candlewood Court I & II Project. The project is located at 347 East Main Street, within the Town of Richmondville, Schoharie County, New York (042° 38' 07.38"N 074° 33' 25.39"W). The purpose of a Phase II Cultural Resource Investigation is to determine integrity, limits, structure, function, and cultural/historical context in order to evaluate the site for National Register eligibility. Phase II investigations will involve walk-over reconnaissance, test unit excavation, limited shovel testing, and report generation.

### **NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006)**

The NYSM 1862, SUBi 138-Loder #1 Prehistoric Site is a known prehistoric lithic reduction site located within the APE for the proposed project (Figure 1). According to the NYSOPRHP CRIS, the site was originally reported in 1976 by SUNY Binghamton. Unfortunately, the information on CRIS lacked any further information on the site. The site within the APE encompasses approximately 1.26 acres / .51 hectares, and is comprised of fallow farm field, approximately 300-ft / 91-m south of Cobleskill Creek. The exact dimensions of the site could not be determined during Phase I fieldwork, as investigations were limited to the APE. It is likely the site extends north and eastward outside of the APE. A total of 16 artifacts were recovered from 3 shovel tests and 11 walkover reconnaissance find spots during Phase I investigations completed by Powers Archaeology LLC in 2017.

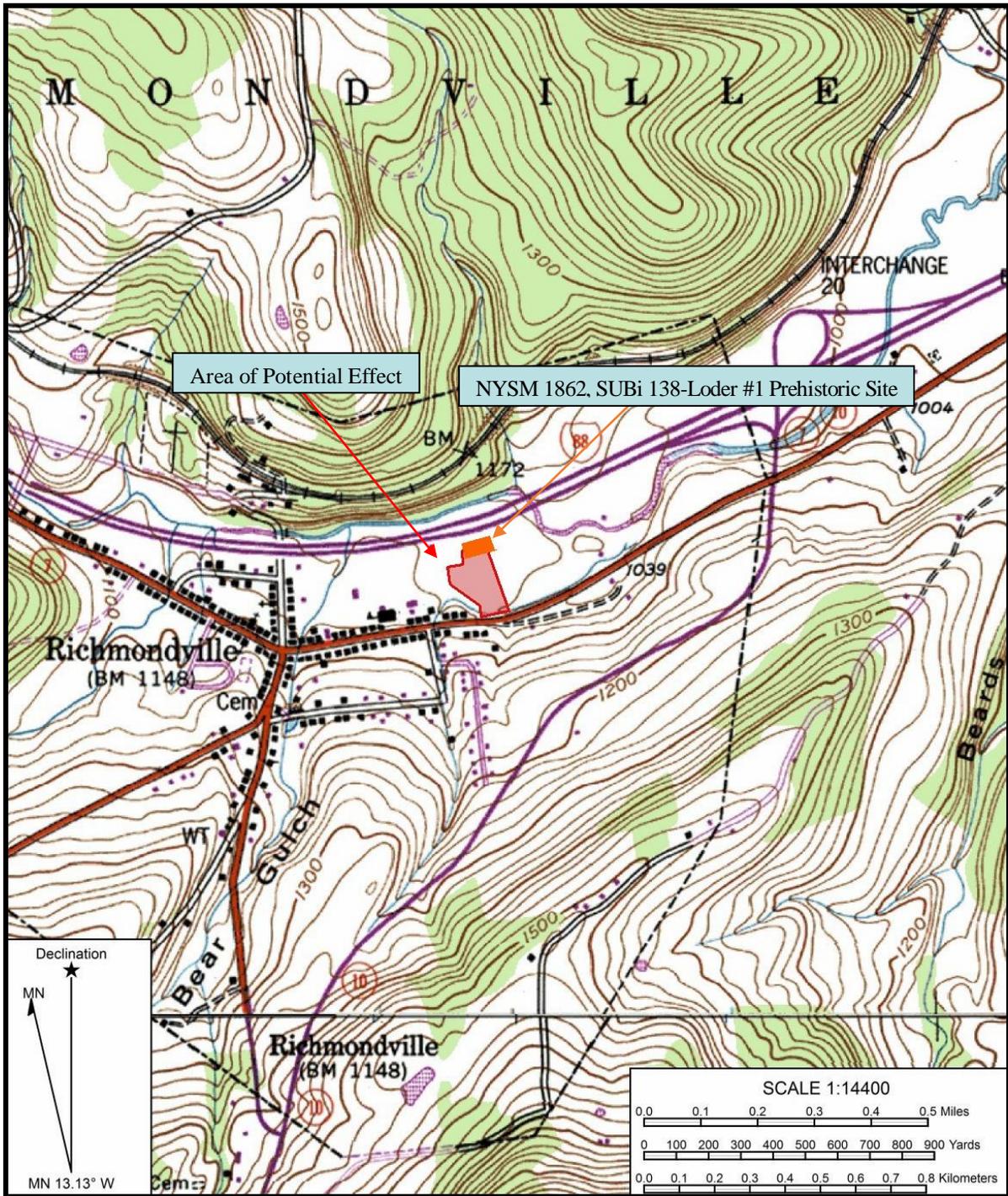


Figure 1: Area of Potential Effect and NYSM 1862, SUBi 138-Loder #1 Prehistoric Site on the 1994 USGS 7.5' Richmondville, N.Y. Quadrangle

## METHODOLOGY

Phase II Cultural Resource Investigation will be conducted by a qualified 36 CFR 61 Archaeologist, serving as Principal Investigator for the proposed project. A staff of highly qualified archaeological technicians and historic consultants will assist the Principal Investigator with Phase II fieldwork and report preparation.

The Phase II Cultural Resource Investigation will consist of two parts; first, the actual field investigations, and subsequently, data interpretation and report preparation. The strategy for Phase II field investigations involves walk-over reconnaissance and test unit excavations within the boundaries and general vicinity of the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006). **Phase II investigations will be limited to the area where a drainage pipe is to be located that will directly impact the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006), as well as a buffer zone (see Figure 2). The buffer zone will extend 50-ft from the eastern boundary of the APE, and run the length of the pipe. The area to be disturbed by the pipe installation (including buffer zone) is approximately 8,000 square feet (0.18 acres). For the remaining areas of NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006) within the APE, an avoidance plan will be pursued.** The area of open field to be subject to walk-over reconnaissance within the APE should be plowed and disced prior to commencement of fieldwork. Archaeologists will walk linear transects spaced a maximum of 10-ft / 3-m apart. **The area within NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006) that will be impacted by construction will be walked over twice.** Following walk-over reconnaissance, between one and two test units will be placed within site boundaries, depending on artifact concentrations and at the discretion of the Principal Investigator. Test units will be excavated by hand and will measure 3-ft x 3-ft / 1-m x 1-m. Each test unit will be excavated utilizing 4-in / 10-cm levels. Excavation will cease once a minimum of 4-in / 10-cm of sterile subsoils is encountered. All excavated soils from test units will be screened through ¼-inch metal mesh to recover any cultural material that may be present. Any artifacts recovered will be bagged by level of provenience and matrix. At the end of each field day, data collected will be reviewed. Test unit locations, as well as profile photographs and drawings will be included in the final report. The documentation of field conditions will be accomplished by photography.

In addition to test unit excavation, shovel test pits may be excavated at the discretion of the Principal Investigator. The shovel tests will be excavated by hand and will measure 1-ft x 1-ft / 30-cm x 30-cm. Each test is excavated to a maximum depth of 3-ft / 1-m below the surface unless sterile subsoil is encountered. All excavated soils from test units will be screened through ¼-inch metal mesh to recover any cultural material that may be present. Any artifacts recovered will be bagged by level of provenience and matrix. Shovel test units will be plotted where the Principal Investigator deems necessary. All excavated soils are screened and any artifacts recovered will be bagged by level of provenience and matrix.

Cultural material recovered during the Phase II field investigation will be analyzed. The laboratory work entails the cleaning, identification, cataloging, and housing of the cultural material in accordance to professional and legal standards. The final Phase II report will contain the results of the field investigations and the data analysis.

The documentation of field conditions and evidence of any unearthened archaeological features will be accomplished by photography. All field methods utilized are approved by NYSOPRHP and NYAC. In addition to fieldwork and data analysis, the final report will include project maps and photographs that are in support of the conclusions presented by the report. The final report will offer any recommendations for following Phase III investigations if necessary. The Phase II Cultural Resource Investigation Report will be prepared in accordance with report standards approved by the NYSOPRHP, and will be submitted to the NYSOPRHP. Site information will be recorded and reported to the NYSOPRHP.

## **NATIVE AMERICAN CONSULTATION**

In the letter dated April 24, 2017 the NYSOPRHP requested the initiation of Native American Consultation for the proposed project. Powers Archaeology LLC will contact relevant Native American groups, and provide copies of documents concerning the initiation of Native American consultation as requested.

## **INADVERTENT DISCOVERY OF HUMAN REMAINS**

Should human remains be encountered during Phase II investigations, Powers Archaeology LLC will implement NYSOPRHP Human Remains Discovery Protocol:

### **State Historic Preservation Office/ New York State Office of Parks, Recreation and Historic Preservation Human Remains Discovery Protocol**

In the event that human remains are encountered during construction or archaeological investigations, the State Historic Preservation Office (SHPO) requires that the following protocol is implemented:

- At all times human remains must be treated with the utmost dignity and respect. Should human remains be encountered work in the general area of the discovery will stop immediately and the location will be immediately secured and protected from damage and disturbance.
- Human remains or associated artifacts will be left in place and not disturbed. No skeletal remains or materials associated with the remains will be collected or removed until appropriate consultation has taken place and a plan of action has been developed.
- The county coroner and local law enforcement as well as the SHPO and the involved agency will be notified immediately. The coroner and local law enforcement will make the official ruling on the nature of the remains, being either forensic or archeological. If the remains are archeological in nature, a bioarchaeologist will confirm the identification as human.
- If human remains are determined to be Native American, the remains will be left in place and protected from further disturbance until a plan for their protection or removal can be generated. The involved agency will consult SHPO and appropriate Native American groups to determine a plan of action that is consistent with the Native American Graves Protection and Repatriation Act (NAGPRA) guidance.
- If human remains are determined to be Euro-American, the remains will be left in place and protected from further disturbance until a plan for their avoidance or removal can be generated. Consultation with the SHPO and other appropriate parties will be required to determine a plan of action.

Approximate Boundaries  
 NYSM 1862, SUBi 138-Loder #1 Prehistoric Site  
 (Yellow)

**LEGEND:**

- PROPERTY BOUNDARY
- - - RIGHT OF WAY
- - - EXISTING CENTER LINE ROAD
- - - SETBACK
- - - PROPOSED EASEMENT LINE
- - - EXISTING EASEMENT LINE
- [ ] PROPOSED BUILDING
- (14) PROPOSED PARKING COUNT
- [ ] PROPOSED CONCRETE
- [ ] PROPOSED ACCESS RAMP
- [ ] PROPOSED PAVEMENT STRIPING
- [ ] PROPOSED CURB
- [ ] PROPOSED SIGN
- [ ] EXISTING SIGN
- [ ] PROPOSED LIGHT POLE
- [ ] PROPOSED FENCE
- [ ] PROPOSED BUILDING MOUNTED LIGHT

**SITE DATA**

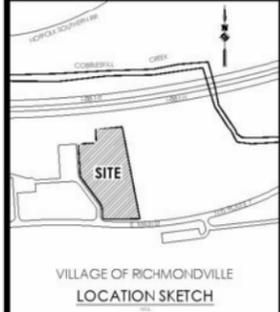
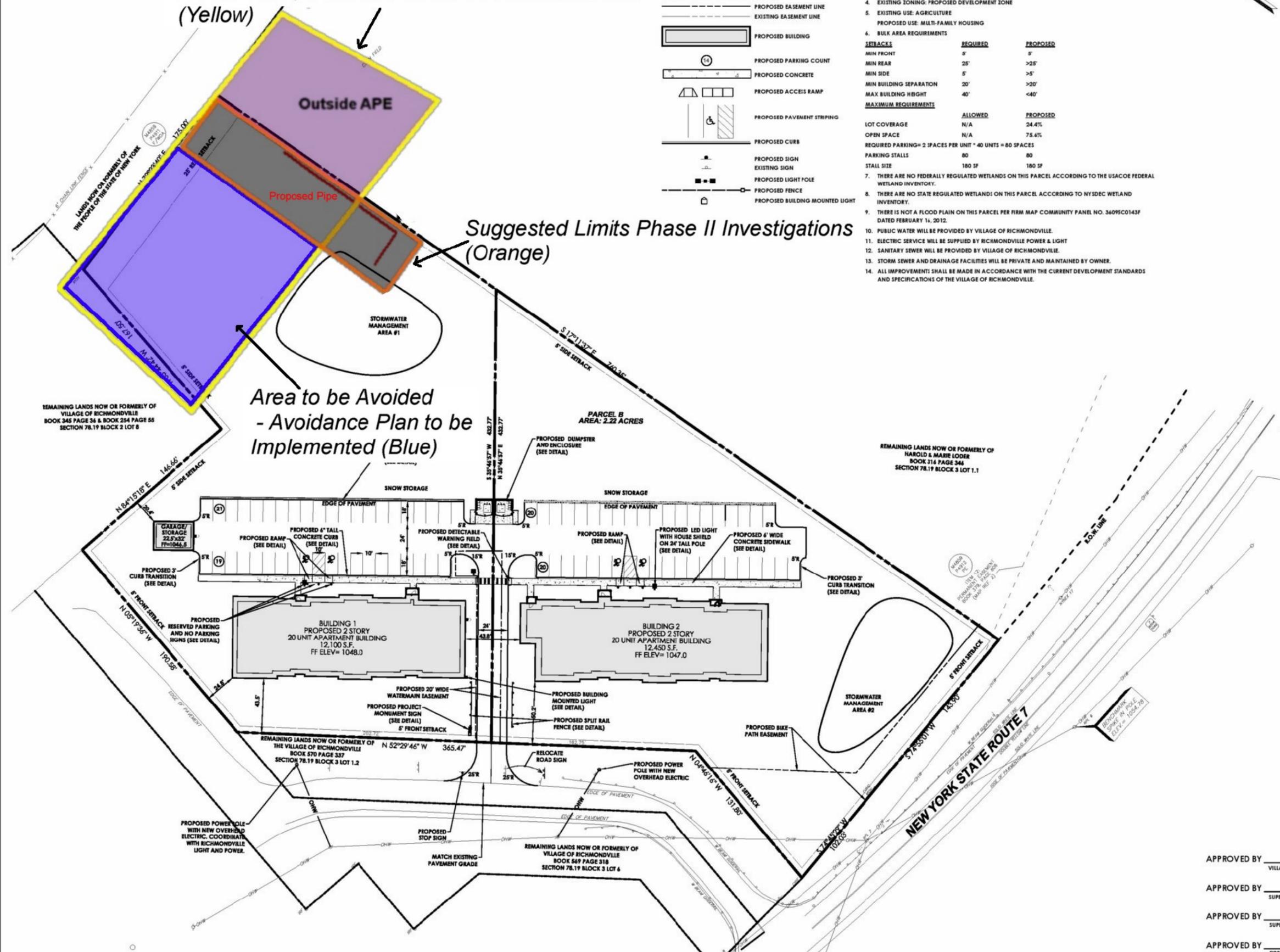
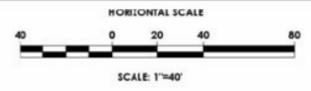
- TAX ACCOUNT NUMBER: 78.19-3-1.11
- PARCEL ADDRESS: NYS ROUTE 7, RICHMONDVILLE, NY.
- TOTAL PARCEL AREA: 5 ACRES OR 217800 S.F.  
 TOTAL PROJECT AREA: 5 ACRES OR 217800 S.F.  
 TOTAL IMPERVIOUS AREA: 1.22 ACRES OR 53,139 S.F.
- EXISTING ZONING: PROPOSED DEVELOPMENT ZONE
- EXISTING USE: AGRICULTURE  
 PROPOSED USE: MULTI-FAMILY HOUSING
- BULK AREA REQUIREMENTS

SETBACKS	REQUIRED	PROPOSED
MIN FRONT	5'	5'
MIN REAR	25'	>25'
MIN SIDE	5'	>5'
MIN BUILDING SEPARATION	20'	>20'
MAX BUILDING HEIGHT	40'	<40'

MAXIMUM REQUIREMENTS	ALLOWED	PROPOSED
LOT COVERAGE	N/A	24.4%
OPEN SPACE	N/A	75.6%

REQUIRED PARKING = 2 SPACES PER UNIT \* 40 UNITS = 80 SPACES  
 PARKING STALLS: 80  
 STALL SIZE: 180 SF

- THERE ARE NO FEDERALLY REGULATED WETLANDS ON THIS PARCEL ACCORDING TO THE USACOE FEDERAL WETLAND INVENTORY.
- THERE ARE NO STATE REGULATED WETLANDS ON THIS PARCEL ACCORDING TO NYSDEC WETLAND INVENTORY.
- THERE IS NOT A FLOOD PLAIN ON THIS PARCEL PER FIRM MAP COMMUNITY PANEL NO. 34095C0143F DATED FEBRUARY 14, 2012.
- PUBLIC WATER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- ELECTRIC SERVICE WILL BE SUPPLIED BY RICHMONDVILLE POWER & LIGHT
- SANITARY SEWER WILL BE PROVIDED BY VILLAGE OF RICHMONDVILLE.
- STORM SEWER AND DRAINAGE FACILITIES WILL BE PRIVATE AND MAINTAINED BY OWNER.
- ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT STANDARDS AND SPECIFICATIONS OF THE VILLAGE OF RICHMONDVILLE.



Client:  
 Housing Visions  
 1201 East Fayette St  
 Syracuse, NY 13210

PASSERO ASSOCIATES  
 342 West Main Street Suite 100  
 Rochester, New York 14614  
 (585) 325-1000  
 Fax: (585) 325-1407

Principal-in-Charge: John F. Caruso, P.E.  
 Project Manager: David L. Cox, P.E.  
 Designed by: Joe Kellenberger



Revisions

No.	Date	By	Description
1			

SITE PLAN  
 CANDLEWOOD COURT

Village: RICHMONDVILLE  
 County: SCHOHARIE State: New York

Project No: 20172356.0001

Drawing No: C 101 Sheet No: 1

Scale: 1" = 40'

Date: MARCH 2017

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 VILLAGE PLANNING BOARD

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SUPERINTENDENT OF PUBLIC WORKS

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SUPERINTENDENT OF POWER & LIGHT

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 FIRE CHIEF

E:\2017\20172356\0001\DRAWINGS\ENGINEERING\20172356.0001\_SITE\_LANDSCAPE.DWG 4/8/2017 10:00 AM David Cox



## Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO

Governor

ROSE HARVEY

Commissioner

April 24, 2017

Mary Barthelme  
Governor's Office of Storm Recovery  
99 Washington Ave, Suite 1224  
Albany, NY 12231

Re: HTF/ GOSR/ NY Rising Program- Construction:  
Affordable Housing Project-Candlewood Court I & II  
365 East Main Street, Richmondville/ Schoharie County  
17PR01249

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Title 54, Section 306108 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on this review, it is the opinion of SHPO that there will be No Aboveground Historic Properties Affected by the proposed undertaking.

The SHPO has reviewed the Phase I archaeological report submitted for this project – Phase I Cultural Resource Investigations for the Proposed Affordable Housing - Candlewood Court I & II Project, Town of Richmondville, Schoharie County, New York (Powers Archaeology LLC, 20 April 2017). This investigation has resulted in the re-identification of the Loder #1 precontact site (09543.000006; aka SUBi-138). This office recommends that the site should be avoided by project redesign. If that is not feasible, we recommend that a Phase II archaeological investigation should be undertaken in order to assess the site's eligibility for listing on the National Register of Historic Places. SHPO requests submission of either a site avoidance plan or a Phase II work plan. In addition, please provide copies of documents concerning the initiation of Native American consultation.

---

**Division for Historic Preservation**

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [www.nysparks.com](http://www.nysparks.com)

If we can be of further assistance, contact me at (518) 268-2187 [Larry.moss@parks.ny.gov](mailto:Larry.moss@parks.ny.gov) or Philip Perazio at 518-268-2175 [Philip.Perazio@parks.ny.gov](mailto:Philip.Perazio@parks.ny.gov).

Sincerely,

A handwritten signature in black ink that reads "Larry K Moss". The signature is written in a cursive style with a large, stylized "L" and "M".

Larry K Moss, Historic Preservation Technical Specialist

CC: Lori Shirley, NYSHCR

**Phase I Cultural Resource Investigations for the Proposed  
Affordable Housing -Candlewood Court I & II Project,  
Town of Richmondville, Schoharie County, New York**

**NYSOPRHP Review # 17PR01249**

Prepared For

HousingVisions  
1201 East Fayette Street, Suite 26  
Syracuse, NY 13210

and

Passero Associates  
242 West Main Street, Suite 100  
Rochester, NY 14614

April 20, 2017

By

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
Ph: (585) 266-4180  
[www.powersarcheology.com](http://www.powersarcheology.com)

## **REPORT ACKNOWLEDGMENTS**

Powers Archaeology LLC would like to thank Mr. David Cox of Passero Associates and Ms. Diana Jakimoski of HousingVisions for their efficient contract administration and helpful communications concerning the details of the project. Mr. Paul Powers coordinated the project and served as the field supervisor for the field inspection. Paul Powers and Matthew Bognaski conducted all Phase I fieldwork. Mr. Paul Powers and Dr. Kyle Somerville authored the Phase I Cultural Resource Investigations report.

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## I. PHASE I MANAGEMENT SUMMARY

**Project Name:** Phase I Cultural Resource Investigations for the Proposed Affordable Housing-Candlewood Court I & II Project, Town of Richmondville, Schoharie County, New York.

**Project Description:** The proposed project encompasses the development of residential units on approximately 5.48 acres / 2.22 hectares located at 347 East Main Street, within the Town of Richmondville, Schoharie County, New York. The 5.48-acre / 2.22-hectare parcel will be considered the Area of Potential Effect (APE).

**Project Location:** The proposed project is located at 347 East Main Street, within the Town of Richmondville, Schoharie County, New York (042° 38' 07.38"N 074° 33' 25.39"W). The project area can be accessed via East Main Street.

**County:** Schoharie County

**Minor Civil Division Number:** 09543 (Town of Richmondville)

**USGS 7.5 Minute Quadrangle Map:** 1994 USGS 7.5' Richmondville, N.Y. Quadrangle

**SEQR Review:** Phase I Cultural Resource Investigations have been requested as part of a State Environmental Quality Review (SEQRA).

**Involved State and Federal Agencies:** Governor's Office of Storm Water Recovery (GOSR)

### Survey Area

Acreage: 5.48 acres / 2.22 hectares

Depth: Undetermined

Number of Acres Surveyed: 5.48 acres / 2.22 hectares

### Archaeological Survey Overview

Number & Interval of Shovel Tests: 89 at 50-ft / 15-m intervals

Number & Size of Units: NA

Width of Plowed Strips: NA

Surface Survey Transect Interval: Entire APE, utilizing transects 10-ft / 3.3-m in width

### Results of Archaeological Survey

Number & Name of Prehistoric Sites Identified: 1

Number & Name of Historic Sites Identified: 0

Number & Name of Sites Recommended for Phase II/Avoidance: 0

### Results of Architectural Survey

Number of Buildings/Structures/Cemeteries Within Project Area (APE): 0

Number of Buildings/Structures/Cemeteries Adjacent to Project Area (APE): 0

Number & Name of Sites Recommended for Phase II / Avoidance: 1 (NYSM 1862, SUBi 138-Loder #1)

Closest Archaeological Site to the APE: 09543.000006 / NYSM 1862, SUBi 138-Loder #1, Within APE

Native American Burials Less Than ¼-Mile from APE: None

### SRHP/NRHP Historical Review

Number of Previously Determined SR/NR-listed or Eligible Buildings/Structures/Cemeteries/Districts: 2

Number of Identified Eligible Buildings/Structures/Cemeteries/Districts: 0

**Recommendations of Phase I Cultural Resource Investigations:** These Cultural Resource Investigations were performed only for the APE required for the Proposed Affordable Housing-Candlewood Court I & II Project. Phase II investigations may reveal additional information about prehistoric subsistence patterns in the area. Consequently, Powers Archaeology LLC recommend Phase II excavations for the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006) and its vicinity or site avoidance.

**Report Authors:** Paul Powers and Kyle Somerville

**Date of Report:** April 20, 2017

**Report Prepared By:**

Mr. Paul Powers

A handwritten signature in black ink, appearing to read "Paul Powers", written over a horizontal line.

Dr. Kyle Somerville

A handwritten signature in black ink, appearing to read "Kyle Somerville", written over a horizontal line.

## **II. PHASE I PROJECT INFORMATION**

Powers Archaeology LLC was contracted to perform Phase I Cultural Resource Investigations for the Proposed Affordable Housing-Candlewood Court I & II Project. The proposed project encompasses the development of residential units on approximately 5.48 acres / 2.22 hectares located at 347 East Main Street, within the Town of Richmondville, Schoharie County, New York. The entire 5.48-acre / 2.22-hectare parcel will be considered the Area of Potential Effect (APE).



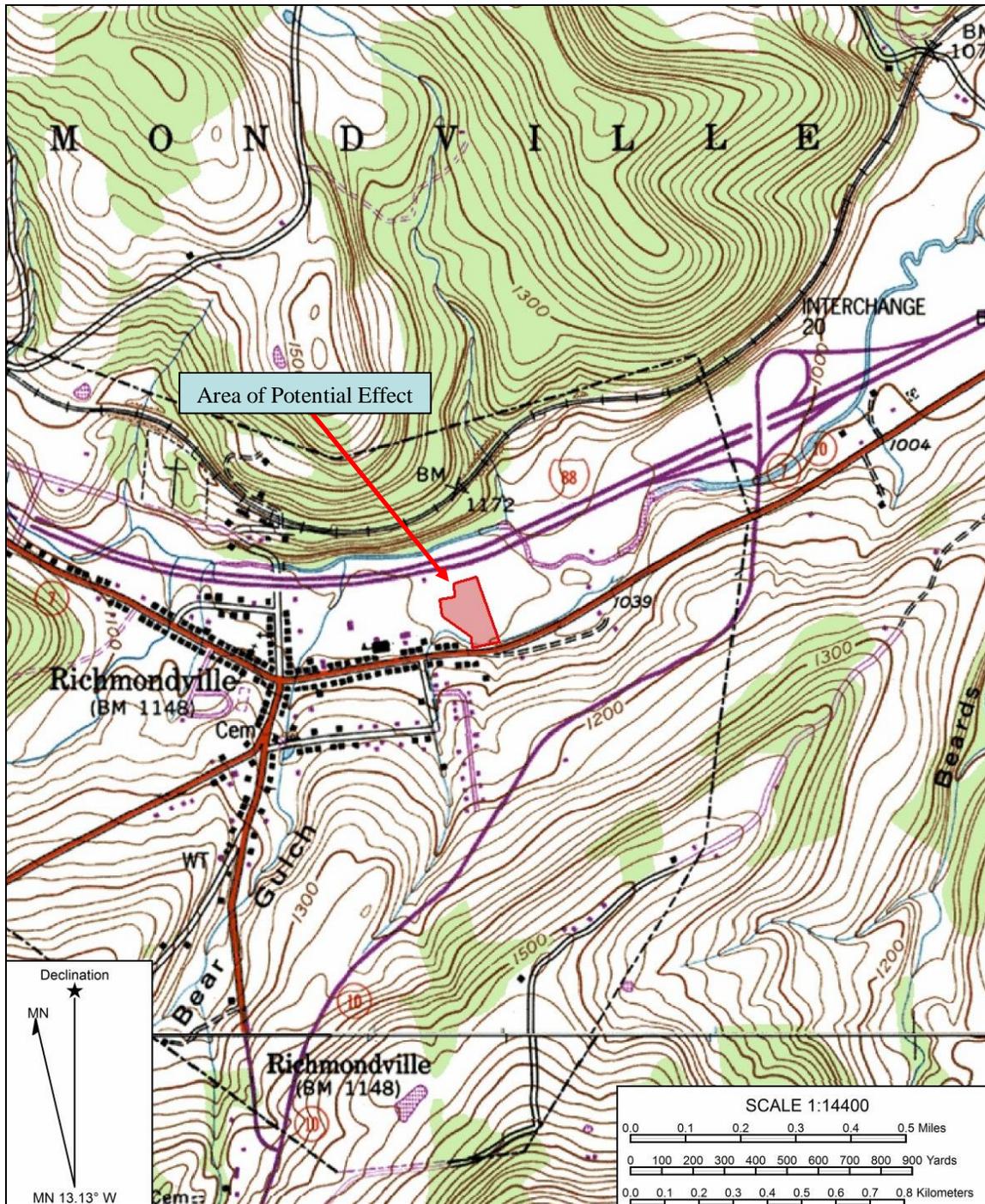


Figure 2. Area of Potential Effect on the 1994 USGS 7.5' Richmondville, N.Y. Quadrangle

### III. ENVIRONMENTAL INFORMATION

#### Topography and Geology

The project area is located in the Schoharie County in the east-central part of New York State. The county is located in the Allegheny Plateau. General elevations average approximately 1,200-ft AMSL in the northern part of the county to approximately 2,000-ft AMSL in the Catskill Mountains in the southern part of the county (USDA 1969:150). Relief within the APE is approximately 1,000-ft AMSL.

The topography of this area had been cut by streams since the time the region was invaded by glacial ice from the north. During the Wisconsin glaciation of the Pleistocene epoch, ice blanketed the entire area of New York State. Glaciation had a noticeable effect on the surficial appearance of Schoharie County. Glacial deposits added the drumlins and kame moraines that are found throughout Schoharie County. The rock formations beneath Schoharie County are the source of the parent material for the soils. Sandstones, limestones, and shales are the primary parent materials that formed the soils within Schoharie County.

#### Soils

Soils in Schoharie County have developed since the last glacier retreated approximately 10,000 years ago. The recession of the sheets of ice carried eroded materials as they melted and traveled across New York State. The most prevalent type of glacial deposit in Schoharie County is glacial till. The coarser materials deposited by the glacial waters formed the kames, eskers, terraces and outwash plains of Schoharie County. The soils in Schoharie County were formed through the interaction of climate, living organisms, parent materials, topography, and time. Differences among soils in Schoharie County are the result of variation in parent materials and topography. The parent materials that created the soils in Schoharie County are sandstone, limestone, and shale. In addition, glacial till, glacial outwash, recent alluvium, and organic materials contributed to the soils found in Schoharie County today.

Alluvial lands/soils are sections of nearly level, recent unconsolidated deposits on flood plains. The deposits are generally stratified and range in matrix texture from gravel to sand and clay. Drainage commonly encountered in alluvial soils is generally poor to very poor in nature. Colluvium consisting of soil and/or rock travels down slope by gravity. This "slope wash" may, in some cases bury an A Horizon, a culturally rich soil layer.

There are two soil types found within the proposed project APE, from the Barbour-Tioga and Wayland soil series (Figure 3 and Table 1). These soils are poorly to well drained. The proposed APE for these cultural resource investigations contains alluvial soils from the Barbour-Tioga and Wayland soil series.

Given the presence of alluvial soils within the APE, Mr. John Stiteler, Soil Scientist was consulted. Mr. Stiteler excavated 6 bucket-auger tests within the APE. In his report, Mr. Stiteler concluded the following (Appendix IV):

*"No evidence of low to moderate energy, silty overbank deposition was noted within the APE. Gravel and cobbles are present throughout the soil profiles and are present at the surface in all areas. This reflects the high energy Late Pleistocene fluvial environment in which the sediments were deposited. Any cultural material, with the exception of that contained in features excavated into the subsurface (e.g., hearths, food storage pits, etc.), would be confined to the Ap horizon (plow zone) and upper 10-15 cm of the underlying Bw1 horizon."* (Stiteler: Pg 6)



Figure 3. Area of Potential Effect on the 2017 NRCS Web Soil Survey

**Table 1. Summary of Soils Within the Area of Potential Effect**

Soil Name	Soil Horizon Depth cm (in)	Soil Color	Soil Texture Inclusions	Slope Percent	Drainage	Landform
Barbour-Tioga loams (Bg)	Ap 0-15 cm (0-6 in) Bw1 15-46 cm (6-18 in) Bw2 46-66 cm (18-26 in) 2C 66-183 cm (26-72 in)	Dk RBrn RBrn RBrn RBrn	Lo Si Lo Grl Lo V Grl Lo	0-8	Well	Flood plains
Wayland Soils complex (Wa) (alluvial)	A 0-15 cm (0-6 in) Bg1 15-30 cm (6-12 in) Bg2 30-45 cm (12-18 in) C1 45-116 cm (18-46 in) C2 116-183 cm (46-72 in)	V Dk GBrn Dk GBrn GBrn Gry Gry	Si Lo Si Lo Si Lo Si Lo Si Cl Lo	0-3	Poor	Depressed parts of floodplains of streams (recent alluvium)

**KEY:**

**Shade:** Dk-Dark, Lt-Light, V-Very

**Color:** BGry-Brownish Gray, Blk-Black, Brn-Brown, GBrn-Grayish Brown, Gn-Green, Gry-Gray, OBrn-Olive Brown, PBrn-Pale Brown, PGry-Pinkish Gray, RBrn-Reddish Brown, RGry-Reddish Gray, StrBrn-Strong Brown, W-White, YBrn-Yellow Brown

**Soils:** Cl-Clay, Lo-Loam, Mu-Muck, Sa-Sand, Si-Silt

**Other:** BF-Broken Face, Ch-Channery, Co-Coarse, Cbs-Cobbles, Ex-Extremely, F-Fine, Grl-Gravel, Ha-Hard, M-Mottled, Pbs-Pebbles, Rts-Roots, Ru-Rubbed, Str-Stratified, Va-Varved

**Disturbance**

Visual inspection of the area delineated as the APE for the Proposed Affordable Housing-Candlewood Court I & II Project reveals no significant disturbance (Appendices I and II).

**Climate**

Schoharie County generally experiences warm summers and long, cold winters. The climate of Schoharie County is humid continental. Yearly precipitation is about 36 inches at Middleburg. The rainfall is evenly distributed throughout the growing season, May-September. The mountains in the southern and eastern parts of the county provides a classic moderating effect on the local temperatures.

**Forest Zone**

When people first arrived in the east-central part of New York State, most of Schoharie County was covered with a forest, with a few large open areas such as marshlands. Tree growth in Schoharie County depended on the soil type and drainage. In the wetter parts of Schoharie County, the land supported trees such as birch, beech, ash, elm, maple, willow, and hemlock. Today, about half of the county is in forest (USDA 1969:146). Some of the more common species of weeds that reside in untended fields are goldenrod, ragweed, and Queen Anne’s lace (USDA 1969:146). Presently, vegetation within the project area consists of open, fallow farm field.

**Drainage**

Cobleskill Creek and other unnamed tributaries provide drainage for the APE. These waters form portions of the Schoharie Creek watershed, which empties into the Mohawk River. These waters empty into the Hudson River, and into the Atlantic Ocean.

**Faunal Community**

The general environmental setting of the project area supports the typical array of animal species seen throughout suburban areas of east-central New York. These include white-tailed deer, opossum, squirrel, and raccoon. Early inhabitants of the east-central section of New York State would have been able to hunt black bear, white-tailed deer, elk, wild turkey, pheasants, pigeons, waterfowl, beaver, raccoons, possum, otter, rabbit, squirrel, and gray fox, as sources of food, fur, and raw materials used in tool manufacturing, common amenities, and for trade. Salmon, trout, perch and pike were also additional food sources.

**Man-Made Features / Alterations**

There are no significant man-made features or alterations that are visibly apparent within the APE (Appendix II).

#### IV. BACKGROUND RESEARCH

##### Site File Research

A check of the NYS site files encompassing a one-mile radius of the APE was completed utilizing the New York State Office of Parks, Recreation and Historic Preservation Cultural Resource Information System (NYSOPRHP CRIS). The site file check revealed the presence of approximately 36 known sites. These include two Late Woodland sites for which no further information is available, one historic grist mill foundation, one historic paper mill foundation, one historic paper mill pond, two historic buildings, one historic glass mill, one historic midden, two prehistoric lithic scatters, one Early Archaic site for which no further information is available, and nine sites for which no further information is available. One site, NYSM 1862, SUBi 138-Loder #1, is mapped within the APE for the proposed project. This information is summarized in Table 2.

**Table 2. Sites Located Within a One-Mile Radius of the Area of Potential Effect**

USN / NYSM #	Site Name	Status	Distance to APE ft / m
09543.000006 / 1862	SUBI 138, Loder #1	Undetermined	<i>Within APE</i>
09543.000007	SUBI 186/189	Undetermined	1,429 / 436
1864	Loder #3	Undetermined	1,424 / 434
6337	Pollard	Undetermined	1,403 / 428
1865	Loder #4	Undetermined	815 / 248
1863	Loder #2	Undetermined	984 / 300
1925	No Info	Undetermined	1,362 / 415
9511.000002 / 1870	SUBI-110, Mc Cann II	Undetermined	3,215 / 980
1924	No Info	Undetermined	1,534 / 468
1923	No Info	Undetermined	1,779 / 542
6340	No Info	Undetermined	3,073 / 937
6338	No Info	Undetermined	2,962 / 903
6339	No Info	Undetermined	3,568 / 1,088
6342	No Info	Undetermined	4,531 / 1,381
6341	No Info	Undetermined	3,858 / 1,176
6343	No Info	Undetermined	4,956 / 1,511
9511.000001 / 1869	SUBI-109, Mc Cann I	Undetermined	5,004 / 1,525
9511.000010	SUBI-270	Undetermined	2,941 / 896
9511.000011	SUBI-271	Undetermined	4,146 / 1,264
9511.000012	SUBI-272	Undetermined	3,888 / 1,185
9511.000013	SUBI-273	Undetermined	4,951 / 1,509
9511.000014	SUBI-274	Undetermined	4,740 / 1,445
9511.000015	SUBI-275	Undetermined	5,073 / 1,546
9543.000001	SUBI-199, OLD GRIST MILL	Undetermined	4,377 / 1,334
9543.000002	SUBI-507	Undetermined	2,480 / 756
9543.000003	SUBI-508	Undetermined	1,948 / 594
9543.000004	SUBI-509	Undetermined	1,677 / 511
9543.000005	SUBI-510	Undetermined	1,579 / 481
9543.000011	SUBI-198, AIKEN WOODS	Undetermined	685 / 201
9543.000119	WELL FIELD PRECONTACT SITE	Undetermined	946 / 288
9543.000008	SUBI-202, WESTOVER & FOSTER PAPER MILL	Undetermined	1,319 / 402
9543.000009	SUBI-203, WESTOVER & FOSTER PAPER MILL POND	Undetermined	1,883 / 574
9543.000001	SUBI-201, GLASS FACTORY	Undetermined	1,446 / 441

**Table 2. Sites Located Within a One-Mile Radius of the Area of Potential Effect, cont'd**

USN / NYSM #	Site Name	Status	Distance to APE ft / m
9543.000011	SUBI-198, AIKEN WOODS	Undetermined	689 / 210
9543.000012	SUBI-189, LODER #4	Undetermined	1,442 / 440
9543.000119	WELL FIELD PRECONTACT SITE	Undetermined	927 / 283

**SRHP/NRHP Research and Previous Surveys**

According to the website for the National Register of Historic Places and the NYSOPRHP CRIS website, there are three historic structures within a ½-mile radius of the proposed APE ([www.cris.parks.ny.gov](http://www.cris.parks.ny.gov)). Two of these are listed on the Nation Register, and one is Not Eligible for inclusion. This information is summarized in Table 3.

**Table 3. State/National Register Sites in the Vicinity of the Area of Potential Effect**

USN / NR	Name	Status
9543.000041 / 06NR05576	Richmondville United Methodist Church	Listed
06NR05613	Bunn-Tillapaugh Feed Mill	Listed
9543.000122	20th c wide 3 bay front gable - 354 Main St.	Not Eligible

Powers Archaeology LLC also completed a search for previous archaeological and building surveys conducted within a one-mile radius of the Proposed Affordable Housing-Candlewood Court I & II Project. Information gathered from the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) office revealed that four archaeological surveys were previously completed within a one-mile radius of the project area. This information is summarized in Table 4.

**Table 4. Surveys Previously Conducted Within a One-Mile Radius of the Area of Potential Effect**

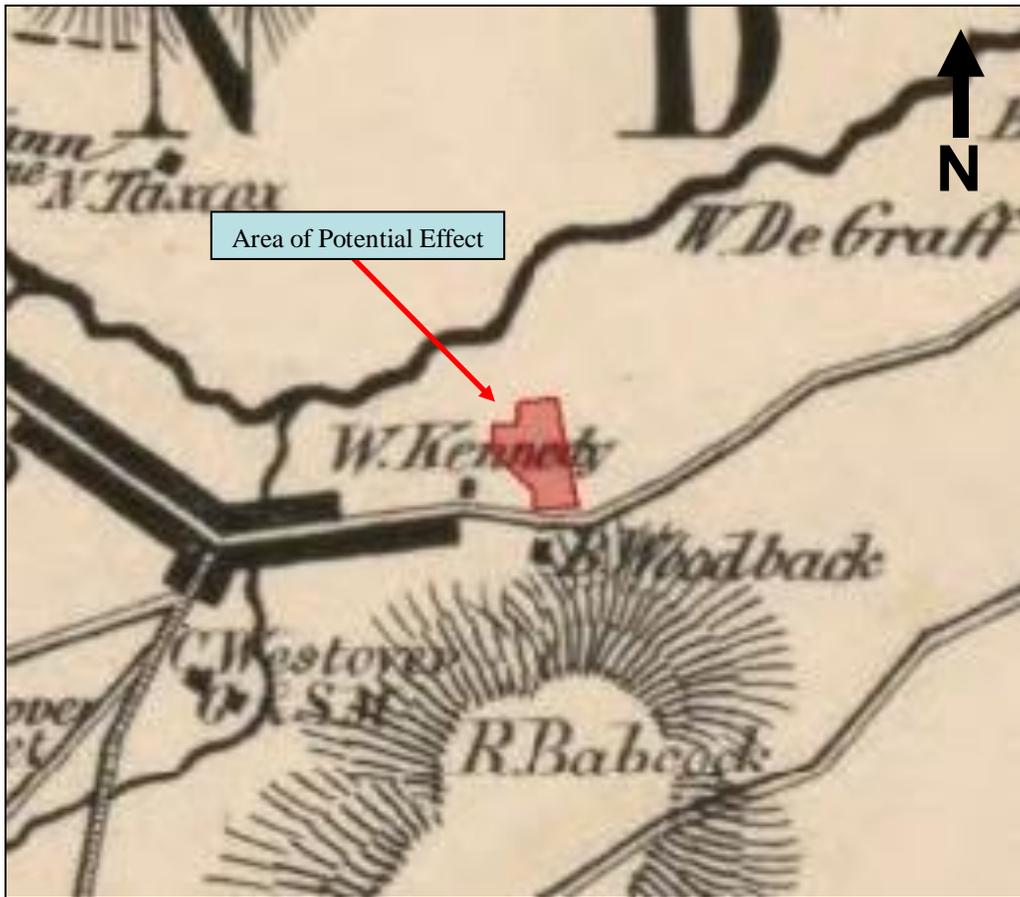
Number	Name
00SR50926	PHASE IA REPORT FOR ARCHEOLOGICAL SENSITIVITY ASSESSMENT AND PHASE IB FIELD INVESTIGATION, RICHMONDVILLE WATER IMPROVEMENTS, VILLAGE & TOWN OF RICHMONDVILLE, SCHOHARIE COUNTY, NEW YORK
16SR00424	Phase IA Literature Search and Sensitivity Assessment & Phase IB Archaeological Field Reconnaissance Survey Proposed Retail Development in Richmondville Village of Richmondville, Schoharie County, New York
16SR00602	GEOMORPHOLOGICAL INVESTIGATION PROPOSED RETAIL DEVELOPMENT VILLAGE OF RICHMONDVILLE SCHOHARIE COUNTY, NEW YORK

**Prehistoric Sensitivity Assessment**

The proposed APE is considered by Powers Archaeology LLC to have the potential to contain intact cultural deposits. The close proximity to permanent water sources, in conjunction with numerous previously documented sites (including one within the APE), indicates the potential for a prehistoric Native American presence surrounding the APE. Native American site types likely to be encountered within the proposed project area could range from small camps/resource procurement sites or “traces of occupation,” consisting of very diffuse surface scatters of lithic material, to larger habitation sites.

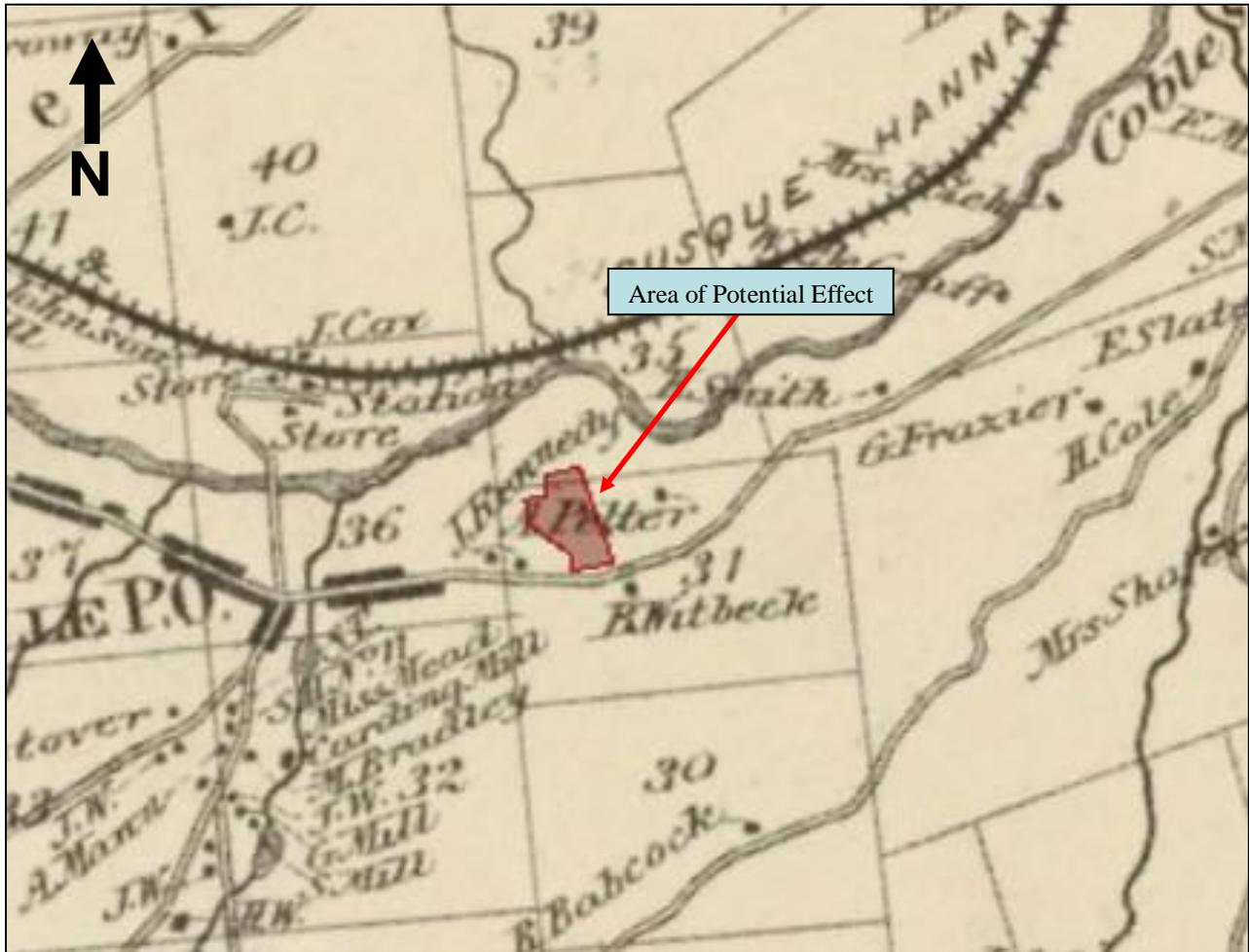
**Historic Sensitivity Assessment**

Development within the general vicinity appears to reflect broader processes of regional expansion. Project-specific historical development is based upon historic maps and atlases. There are no Map Documented Structures (MDS) within the APE. Therefore, historic material encountered within the APE will likely be found as the result of secondary deposition.



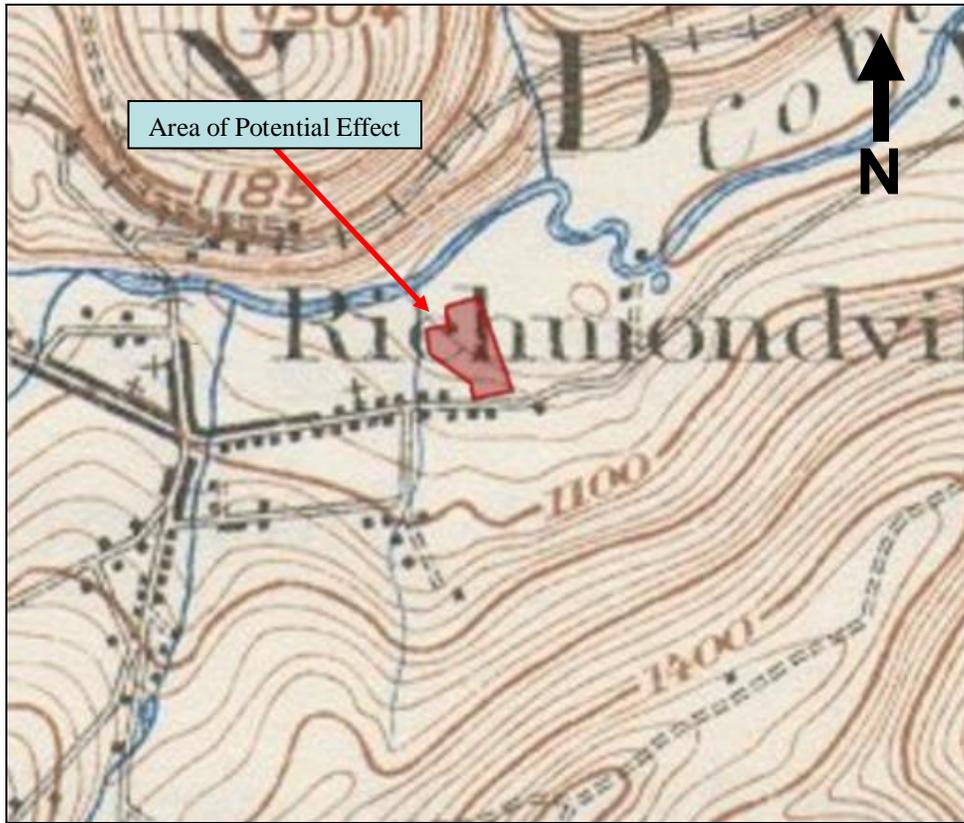
Not to Scale

Figure 4. Area of Potential Effect on the 1856 Wenig and Lorey *Map of Schoharie Co., New York*



Not to Scale

Figure 5. Area of Potential Effect on the 1866 Beers Atlas of Schoharie Co., New York



Not to Scale

Figure 6. Area of Potential Effect on the 1904 USGS 15' Richmondville, N.Y. Quadrangle

## V. PHASE IB ARCHAEOLOGICAL INVESTIGATIONS

### Archaeological Survey Team/Date

The Powers Archaeology LLC archaeological field team consisted of Paul Powers and Matthew Bognaski. The Phase I testing was conducted in March of 2017.

### Ground Conditions

Physical conditions consist of open, fallow farm field (Appendix II).

### Field Methodology

A site visit included a visual examination of the project area to ascertain whether any sections showed evidence of prior disturbance, wetlands, or excessive slope. Based upon observed conditions, the entire APE was deemed testable using standard Phase IB testing methods.

The Phase IB field investigations strategy for this project consisted of shovel testing and walkover reconnaissance (Appendix I). Shovel test placement was determined using project maps provided to Powers Archaeology LLC, research completed during Phase IA investigations and conditions observed during the initial field inspection. Shovel test units were plotted at 50-ft / 15-m intervals. All excavations were carried out within the APE. Transects were oriented with a magnetic compass and paced out depending on the project area field conditions. Shovel tests were excavated by hand, and measured 1 ft x 1 ft / 30 cm x 30 cm. Each test was excavated to sterile subsoil or until evidence of disturbance was adequately documented to depths of at least 50 cm. All soils excavated were screened through ¼-inch metal mesh to recover any cultural material that may have been present. All soil types and textures were recorded in field notebooks.

In addition to shovel testing, walkover reconnaissance was pursued. Surface visibility ranged from approximately 50% to 75%. Even though visibility was not ideal or in accordance with NYSOPRHP for surface survey, it was determined that it was a useful method of investigation in conjunction with shovel testing, following the recovery of an artifact on the surface (FN1). The entire APE was subject to walkover reconnaissance, utilizing linear transects. Field technicians were spaced a maximum of 10-ft / 3.3-m in width. Documentation of existing conditions within the specific project area as well as that of general vicinity was accomplished through photography (Appendix II).

### Problems Encountered

Excavations were delayed due to harsh winter weather conditions.

### Lab Procedures and Analysis

Artifacts were processed according to standards recognized by the New York Archaeological Council Guidelines (NYAC 1994) as well as the NYSOPRHP (2005) standards. Artifacts were assessed as to material type and stability, and were washed or dry brushed for identification purposes.

### Artifact Descriptions

A total of 16 lithic artifacts were recovered from three shovel tests and walkover reconnaissance from the northern portion of the APE (Appendix I).

### **NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006)**

The NYSM 1862, SUBi 138-Loder #1 Prehistoric Site is a known prehistoric lithic reduction site located within the APE for the proposed project. According to the NYSOPRHP CRIS, the site was originally reported in 1976 by SUNY Binghamton. Unfortunately, the information on CRIS lacked any further information on the site. The site within the APE encompasses approximately 1.26 acres / .51 hectares, and is comprised of fallow farm field, approximately 300-ft / 91-m south of Cobleskill Creek. The exact dimensions of the site cannot be determined, as investigations were limited to the APE. It is likely the site extends north and eastward outside of the APE. A total of 16 artifacts were recovered from 3 shovel tests and 11 walkover reconnaissance find spots. Shovel test excavations within the site reached a maximum of 19-in / 48-cm below surface. Tables 5, 6, and 7 summarize the lithic finds associated with specific shovel tests (STP) and surface find spots (FN) within the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site, artifacts encountered, and artifact categories represented within the site boundaries.

The lithic artifacts recovered from the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site appear to have been manufactured from dark gray chert from locally available sources. The lithic assemblage is comprised of large unworked flakes, debitage, large and small blocky cores bearing flake removal scars, and a large sandstone cobble with a drill hole. Several of the flakes bear evidence of cortex, reflecting primary reduction of large chert cobbles in the process of tool manufacture. No projectile points were recovered, but the large, drilled sandstone cobble resembles a very large net sinker. The drilled sandstone cobble measures approximately 4.25-in / 10.8-cm x 3.75-in / 9.5-cm, and is 1.25-in / 3.2-cm thick, weighing 16-oz / 454-grams. The Onondaga Escarpment, which runs east to west along the northern shoreline of Lake Erie, traveling parallel to NYS Route 5, and extending into the Albany region would have been a readily available source of chert for early inhabitants in this region.

**Table 5. Artifacts Recovered from the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site**

STP/FN	Level / Depth (cm)	Number of artifacts	Description	Functional group
FN1	Surface	1	1 pc. flake	Lithic (100%)
FN2	Surface	1	1 pc. flake w/ cortex	Lithic (100%)
FN3	Surface	3	1 pc. sandstone cobble with drill hole (possible net sinker?) 1 pc. debitage 1 pc. flake	Lithic (100%)
FN4	Surface	1	1 pc. flake	Lithic (100%)
FN5	Surface	1	1 pc. flake	Lithic (100%)
FN6	Surface	1	1 pc. large blocky core	Lithic (100%)
FN7	Surface	1	1 pc. flake	Lithic (100%)
FN9	Surface	1	1 pc. large blocky core	Lithic (100%)
FN10	Surface	1	1 pc. flake w/ cortex	Lithic (100%)
FN11	Surface	1	1 pc. flake	Lithic (100%)
STP 12.2 Layer 1	0-32	1	1 pc. flake	Lithic (100%)
STP 13.1 Layer 1	0-35	2	1 pc. small blocky core 1 pc. debitage	Lithic (100%)
STP 13.4 Layer 1	0-31	1	1 pc. debitage	Lithic (100%)
<b>Total</b>		<b>16</b>		

**Table 6. Summary of Artifact Categories from the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site**

Functional Group	Number of Artifacts	% of Assemblage
Lithic	16	100
<b>Total</b>	<b>16</b>	<b>100</b>

**Table 7. Summary of Lithic Artifacts Recovered from the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site**

Artifact category	Count	Percent
Chert flakes	9	56.25
Blocky core	4	25
Projectile point	0	0
Flake tools	0	0
Debitage	3	18.75
<b>Total</b>	<b>16</b>	<b>100</b>



FN1: Flake (Upper Left), FN5: Flake (Upper Right), STP 4.3 Probable core (Bottom).  
From NYSM 1862, SUBi 138-Loder #1 Prehistoric Site



FN3: Large sandstone cobble with drill hole (net sinker?). From NYSM 1862, SUBi 138-Loder #1 Prehistoric Site

Given the concentrated number of lithic artifacts recovered, the site has the potential of providing additional information pertaining to prehistoric period. Subsistence and settlement patterns of Native Americans and their ancestral groups in the eastern part of New York State. The types of lithic artifacts recovered from this project area are typical of previously recorded sites in the area, and are indicative of potential similar lithic sites and/or Archaic settlements that may exist *in situ* below the ground surface. Given the large number of other known prehistoric sites in close vicinity to the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site, this site may possibly be associated with at least five nearby prehistoric lithic and stray find sites: NYSM 1863 Loder #2, NYSM 1864-Loder #3, NYSM 1865-Loder #4, NYSM 6337 Pollard, 9543.000011 SUBi-198-Aiken Woods, and 9543.000119 Well Field Precontact Site. Therefore, further analysis of the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site may provide data regarding prehistoric subsistence activities in eastern New York, the paleoenvironment of the existing site itself, and that of known sites within a one-mile radius of the APE. As a result, Phase II investigations are warranted for the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site.

**Shovel Test Results**

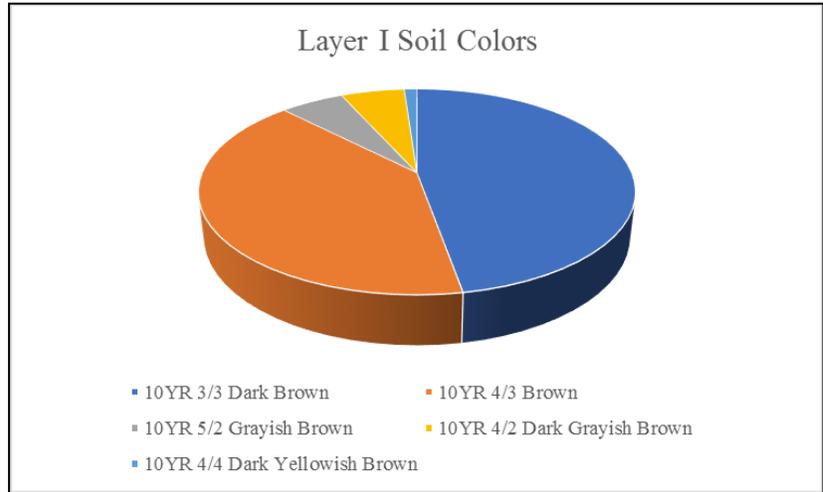
An estimated 95% of the 5.48 acres / 2.22 hectares comprising the APE was subjected to subsurface testing as part of these Phase I investigations. Thirteen transects were placed within the APE containing a total of 89 shovel tests (Appendices I and III). While testing the proposed APE, 78 (87%) of the 89 shovel tests excavated reached a second layer. The excavation of 11 (13%) shovel tests was halted due to filling with water, or having encountered a rock /gravel impasses (Appendix III). Soils encountered in the STPs were the expected as outlined as a typical profile by John Stiteler, geomorphologist. Cultural material was recovered from 3 (3%) of the 29 shovel tests.

*Layer I*

Layer I averaged 12 inches / 30 cmbs, with a maximum depth of 23 inches / 58 cmbs recorded. Variations in soil color may be the result of a mixed A and B horizons or varying moisture levels within the soil. The following tables summarize soil color and consistency within Layer I (Tables 8 and 9).

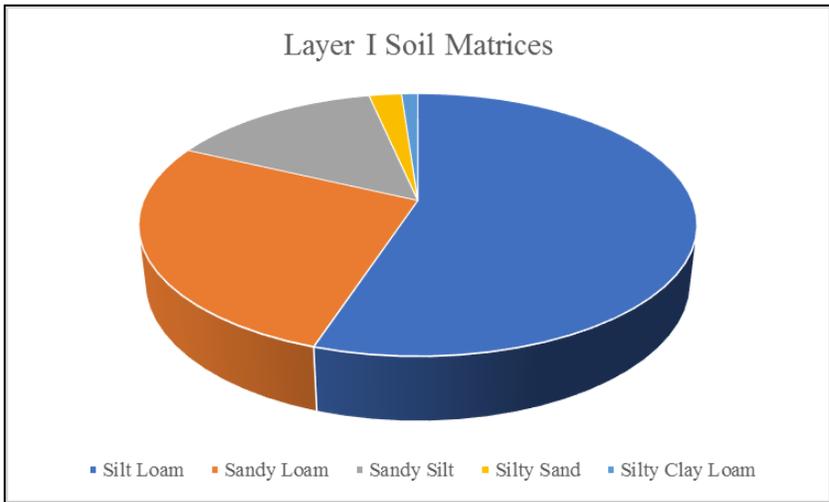
**Table 8. Layer I Soil Colors**

10YR 3/3 Dark Brown	47.19%
10YR 4/3 Brown	40.45%
10YR 5/2 Grayish Brown	5.62%
10YR 4/2 Dark Grayish Brown	5.62%
10YR 4/4 Dark Yellowish Brown	1.12%



**Table 9. Layer I Soil Matrices**

Silt Loam	55.06%
Sandy Loam	26.97%
Sandy Silt	14.61%
Silty Sand	2.25%
Silty Clay Loam	1.12%

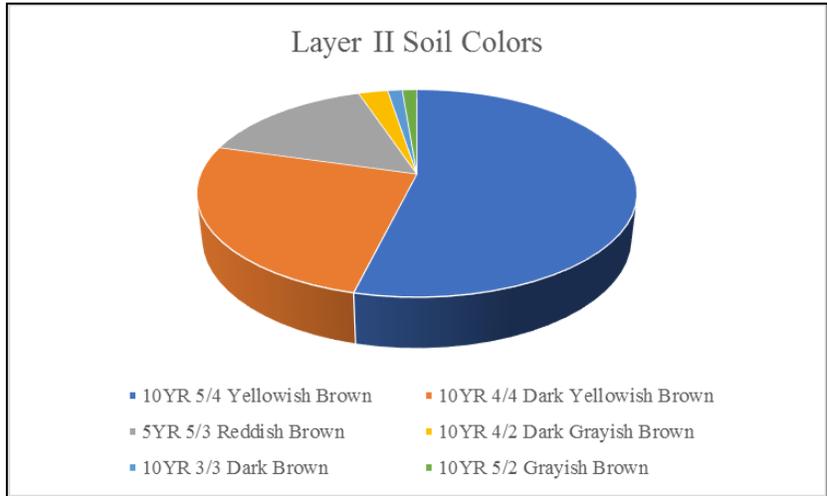


*Layer II*

Layer II consisted of B horizon soils. Layer II was excavated to an average depth of 17 inches / 43 cmbs, with a maximum depth reached of 26 inches / 66 cmbs. The following tables summarize soil color and consistency within Layer II (Tables 10 and 11).

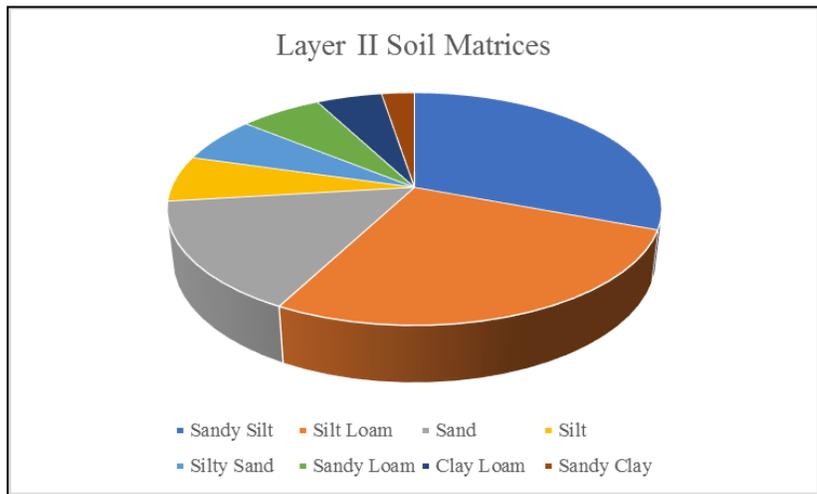
**Table 10. Layer II Soil Colors**

10YR 5/4 Yellowish Brown	53.85%
10YR 4/4 Dark Yellowish Brown	25.64%
5YR 5/3 Reddish Brown	15.38%
10YR 4/2 Dark Grayish Brown	2.56%
10YR 3/3 Dark Brown	1.28%
10YR 5/2 Grayish Brown	1.28%



**Table 11. Layer II Soil Matrices**

Sandy Silt	30.77%
Silt Loam	26.92%
Sand	15.38%
Silt	6.41%
Silty Sand	6.41%
Sandy Loam	6.41%
Clay Loam	5.13%
Sandy Clay	2.56%



## VI. TESTING RECOMMENDATIONS

These Phase I Cultural Resource Investigations were performed only for the 5.48 acres / 2.22 hectares that were considered the Area of Potential Effect for the Proposed Affordable Housing-Candlewood Court I & II Project. All work was conducted in the Town of Richmondville, Schoharie County, New York. Based upon the results of these investigations, Powers Archaeology LLC believes that, given the existence of at least fourteen previously documented archaeological sites within a one-mile radius of the APE, and the recovery of *in situ* prehistoric cultural deposits within a previously recorded site, the potential for encountering additional intact prehistoric cultural material exists. Therefore, Powers Archaeology LLC recommend Phase II investigations or avoidance for NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006). Further analysis of the site may provide data about the paleoenvironment of the existing site itself and that of known sites within a one-mile radius of and adjacent to the APE. Specific recommendations include two additional walkover reconnaissance surveys, the excavation of test units, as well as additional shovel test excavation. The objective of these measures is to better define site integrity, boundaries and artifact distribution, as well as determine National Register eligibility. The NYSOPRHP should be consulted prior to the initiation of Phase II work. Should it be decided that site avoidance will be pursued, the NYSOPRHP should be consulted prior to the implementation of the avoidance plan.

## VII. REFERENCES CITED

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(1994), 7.5' Richmondville, N.Y. Quadrangle. Washington, D.C.: U.S. Government Printing Office.

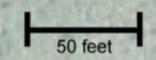
# **Appendix I**

## **Project Map**



Powers Archaeology LLC  
 Phase I Cultural Resource Investigations for the Proposed  
 Affordable Housing-Candlewood Court I & II Project,  
 Town of Richmondville, Schoharie County, New York

- Key:
- APE Boundary
  - Geomorphologist Auger Probe
  - Negative Shovel Test
  - Positive Shovel Test
  - Walkover Reconnaissance Find Spot
  - ↗ Photograph Angle



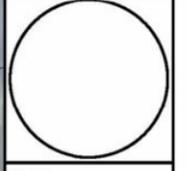
SITE PLAN  
 SCALE: 1" = 40'-0"

DATE: 02/03/17 12:45:35 AM  
 FILE NAME: Housing Visions, DWG File - S1.dwg  
 PLOT: 02/03/17 12:45:35 AM  
 PLOTTER: HP DesignJet 2400

PROJECT NO:  
 DRAWING NO:  
 SHEET NO:  
 CHECKED BY:  
 DATE:  
 AS NOTED

SITE PLAN  
 (2) 20 UNIT BUILDINGS

HARRIS A. SANDERS  
 ARCHITECTS, P.C.  
 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210  
 HOUSING VISIONS APARTMENTS  
 MAIN STREET  
 RICHMONDVILLE, NEW YORK



S1

**Appendix II**  
**Project Area Photographs**



Photograph 1. APE from the northeast corner, looking south.



Photograph 2. APE from the northeast corner, looking southwest.



Photograph 3. Northern boundary of APE and general vicinity, looking west.



Photograph 4. Northern boundary of APE and general vicinity, looking east.



Photograph 5. APE, looking south.



Photograph 6. General project vicinity including existing water treatment facility, west of the APE, looking west.



Photograph 7. APE from western boundary, looing east.



Photograph 8. APE from the southwest corner, looking northeast.



Photograph 9. House # 346 East Main Street, AKA, NYS Route 7 (right) and unknown house # (left), looking southwest.



Photograph 10. House # 343 East Main Street, looking west / northwest.



Photograph 11. Intersection of East Main Street and road leading to Joseph B. Radez Elementary School, west of APE, looking west.



Photograph 12. Southern boundary of APE and East Main Street from southwest corner of APE, looking east.



Photograph 13. House # 354 East Main Street, south of the APE, looking southeast.



Photograph 14. East Main Street and existing development south and east of the APE, looking southeast.



Photograph 15. APE from East Main Street, looking north / northwest.



Photograph 16. Location of 09543.000006 / NYSM 1862, SUBi 138-Loder #1, from north of the site, looking northeast.



Photograph 17. Location of 09543.000006 / NYSM 1862, SUBi 138-Loder #1, from north of the site, looking northwest.



Photograph 18. Location of 09543.000006 / NYSM 1862, SUBi 138-Loder #1, from north of the site, looking north.

## **Appendix III**

### **Shovel Test Data**

Trans	Shovel Test	Level	Depth Below Surface (CM)	Soil Color	Soil Matrix (Primary)	Soil Matrix (Secondary)	Artifacts Recovered	Comments
1	1	I	35	Dark Brown	Silt Loam	Gravel	NCM	
1	1	II	45	Dark Grayish Brown	Clay Loam		NCM	
1	2	I	31	Dark Brown	Silt Loam	Gravel	NCM	
1	2	II	56	Dark Grayish Brown	Clay Loam		NCM	
1	3	I	41	Grayish Brown	Silt Loam	Gravel	NCM	
1	3	II	51	Reddish Brown	Clay Loam		NCM	
1	4	I	56	Grayish Brown	Silt Loam	Gravel	NCM	
1	4	II	66	Yellowish Brown	Silt	Gravel	NCM	
2	1	I	31	Dark Grayish Brown	Silt Loam	Gravel	NCM	
2	1	I	45	Dark Yellowish Brown	Silty Clay Loam	Gravel	NCM	
2	2	I	58	Dark Grayish Brown	Silt Loam	Gravel	NCM	
2	3	I	21	Dark Grayish Brown	Silt Loam	Gravel	NCM	
2	3	II	42	Dark Yellowish Brown	Silt Loam	Gravel	NCM	
2	4	I	25	Dark Grayish Brown	Silt Loam	Gravel	NCM	
2	4	II	41	Dark Yellowish Brown	Silt Loam	Gravel	NCM	
2	5	I	25	Dark Grayish Brown	Silt Loam	Gravel	NCM	
2	5	II	41	Dark Yellowish Brown	Silt Loam	Gravel	NCM	
3	1	I	29	Brown	Silt Loam	Gravel	NCM	
3	1	II	43	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
3	2	I	26	Brown	Silt Loam	Gravel	NCM	
3	2	II	38	Dark Yellowish Brown	Sandy Silt		NCM	
3	3	I	30	Brown	Silt Loam	Gravel	NCM	
3	3	II	46	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
3	4	I	25	Brown	Silt Loam	Gravel	NCM	
3	4	II	38	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
3	5	I	27	Brown	Silt Loam	Gravel	NCM	
3	5	II	41	Dark Yellowish Brown	Sand	Gravel	NCM	
3	6	I	30	Brown	Silt Loam	Gravel	NCM	
3	6	II	40	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
4	1	I	29	Brown	Silt Loam	Gravel	NCM	
4	1	II	41	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
4	2	I	33	Dark Brown	Sandy Loam	Gravel	NCM	
4	2	II	43	Yellowish Brown	Sandy Silt	Gravel	NCM	
4	3	I	27	Dark Brown	Sandy Loam	Gravel	NCM	
4	3	II	37	Yellowish Brown	Sandy Silt		NCM	
4	4	I	42	Dark Brown	Sandy Loam	Gravel	NCM	
4	4	II	52	Yellowish Brown	Sand	Gravel	NCM	
4	5	I	32	Dark Brown	Sandy Loam	Gravel	NCM	
4	5	II	42	Yellowish Brown	Sandy Silt	Gravel	NCM	
4	6	I	33	Dark Brown	Sandy Loam	Gravel	NCM	
4	6	II	43	Yellowish Brown	Sandy Silt	Gravel	NCM	
4	7	I	22	Dark Brown	Sandy Loam	Gravel	NCM	
4	7	II	32	Yellowish Brown	Sandy Silt	Gravel	NCM	
5	1	I	31	Dark Brown	Sandy Loam	Gravel	NCM	
5	1	II	41	Reddish Brown	Sandy Silt	Gravel	NCM	
5	2	I	28	Dark Brown	Sandy Loam	Gravel	NCM	
5	2	II	38	Reddish Brown	Sandy Silt	Gravel	NCM	
5	3	I	34	Dark Brown	Sandy Loam	Gravel	NCM	
5	3	II	44	Reddish Brown	Sandy Silt	Gravel	NCM	
5	4	I	28	Dark Brown	Sandy Loam	Gravel	NCM	
5	4	II	38	Reddish Brown	Sandy Silt	Gravel	NCM	
5	5	I	25	Dark Brown	Sandy Loam	Gravel	NCM	
5	5	II	35	Yellowish Brown	Sandy Silt		NCM	
5	7	I	26	Brown	Silt Loam	Gravel	NCM	
5	7	II	37	Yellowish Brown	Silt Loam	Gravel	NCM	

Trans	Shovel Test	Level	Depth Below Surface (CM)	Soil Color	Soil Matrix (Primary)	Soil Matrix (Secondary)	Artifacts Recovered	Comments
5	8	I	32	Dark Brown	Sandy Loam	Gravel	NCM	
5	8	II	42	Reddish Brown	Sandy Silt	Gravel	NCM	
6	1	I	34	Dark Brown	Sandy Silt	Gravel	NCM	
6	1	II	57	Yellowish Brown	Sand	Gravel	NCM	
6	2	I	28	Dark Brown	Sandy Silt		NCM	
6	2	II	49	Yellowish Brown	Silty Sand		NCM	
6	3	I	27	Dark Brown	Sandy Silt	Gravel	NCM	
6	3	II	42	Yellowish Brown	Silty Sand	Gravel	NCM	
6	4	I	17	Brown	Silt Loam		NCM	
6	4	II	27	Yellowish Brown	Sandy Loam		NCM	
6	5	I	34	Brown	Silt Loam	Gravel	NCM	
6	5	II	44	Yellowish Brown	Silt Loam		NCM	
6	6	I	34	Brown	Silt Loam	Gravel	NCM	
6	6	II	46	Yellowish Brown	Silt Loam		NCM	
6	7	I	28	Brown	Silt Loam	Gravel	NCM	
6	7	II	38	Yellowish Brown	Silt Loam	Gravel	NCM	
6	8	I	26	Brown	Silt Loam	Gravel	NCM	
6	8	II	39	Yellowish Brown	Silt Loam		NCM	
6	9	I	28	Brown	Silt Loam		NCM	
6	9	II	38	Yellowish Brown	Silt Loam		NCM	
7	1	I	21	Brown	Sandy Loam	Rocks	NCM	
7	2	I	28	Brown	Sandy Loam	Gravel	NCM	
7	2	II	40	Reddish Brown	Sandy Clay	Gravel	NCM	
7	3	I	26	Brown	Silt Loam	Rocks	NCM	
7	4	I	30	Brown	Silt Loam	Gravel	NCM	
7	4	II	47	Reddish Brown	silt	Gravel	NCM	
7	5	I	26	Brown	Silt Loam	Gravel	NCM	
7	5	II	42	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
7	6	I	23	Brown	Silty Sand		NCM	
7	6	II	40	Yellowish Brown	Sand	Gravel	NCM	
7	7	I	28	Dark Brown	Sandy Silt		NCM	
7	7	II	44	Yellowish Brown	Sand		NCM	
7	8	I	29	Dark Brown	Sandy Silt		NCM	
7	8	II	46	Yellowish Brown	Sand	Gravel	NCM	
7	9	I	43	Brown	Sandy Silt	Gravel	NCM	
7	9	II	62	Yellowish Brown	Sand	Gravel	NCM	
8	1	I	26	Brown	Sandy Silt		NCM	
8	1	II	36	Yellowish Brown	Silty Sand		NCM	
8	2	I	27	Brown	Silt Loam	Gravel	NCM	
8	2	II	39	Yellowish Brown	Silt Loam	Gravel	NCM	
8	3	I	29	Brown	Silt Loam		NCM	
8	3	II	39	Yellowish Brown	Silt Loam		NCM	
8	4	I	30	Brown	Silt Loam		NCM	
8	4	II	41	Yellowish Brown	Silt Loam		NCM	
8	5	I	28	Brown	Silt Loam	Rocks	NCM	
8	6	I	28	Brown	Silt Loam	Gravel	NCM	
8	6	II	38	Yellowish Brown	Silt Loam	Gravel	NCM	
8	7	I	28	Brown	Silt Loam	Gravel	NCM	
8	7	II	39	Yellowish Brown	Silt Loam	Gravel	NCM	
8	8	I	28	Brown	Sandy Loam	Gravel	NCM	
8	8	II	40	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
8	9	I	25	Brown	Sandy Loam		NCM	
8	9	II	45	Dark Yellowish Brown	Silt		NCM	
9	1	I	12	Dark Brown	Sandy Loam	Rocks	NCM	
9	2	I	26	Dark Brown	Sandy Loam	Gravel	NCM	

Trans	Shovel Test	Level	Depth Below Surface (CM)	Soil Color	Soil Matrix (Primary)	Soil Matrix (Secondary)	Artifacts Recovered	Comments
9	2	II	42	Reddish Brown	Sandy Silt	Gravel	NCM	
9	3	I	23	Dark Brown	Sandy Loam	Gravel	NCM	
9	3	II	41	Reddish Brown	Sandy Silt		NCM	
9	4	I	21	Brown	Silty Sand		NCM	
9	4	II	35	Yellowish Brown	Sand	Gravel	NCM	
9	5	I	29	Brown	Sandy Silt	Gravel	NCM	
9	5	II	40	Yellowish Brown	Sand	Gravel	NCM	
9	6	I	25	Brown	Sandy Silt		NCM	
9	6	II	41	Yellowish Brown	Sand	Gravel	NCM	
9	7	I	28	Dark Brown	Sandy Silt	Gravel	NCM	
9	7	II	41	Yellowish Brown	Sand		NCM	
9	8	I	35	Dark Brown	Sandy Silt	Gravel	NCM	
9	8	II	52	Yellowish Brown	Silty Sand	Gravel	NCM	
10	1	I	28	Dark Brown	Sandy Loam	Gravel	NCM	
10	1	II	41	Reddish Brown	Sandy Silt	Gravel	NCM	
10	2	I	28	Dark Brown	Sandy Loam		NCM	
10	2	II	36	Reddish Brown	Sandy Silt	Gravel	NCM	
10	3	I	29	Brown	Sandy Loam	Gravel	NCM	
10	3	II	51	Dark Yellowish Brown	Sandy Silt	Gravel	NCM	
10	4	I	25	Brown	Sandy Loam	Rocks	NCM	
10	5	I	26	Brown	Sandy Loam	Gravel	NCM	
10	5	II	36	Dark Yellowish Brown	Sandy Clay	Gravel	NCM	
10	6	I	44	Dark Brown	Sandy Silt	Gravel	NCM	
10	6	II	55	Yellowish Brown	Silty Sand	Gravel	NCM	
10	7	I	29	Dark Brown	Sandy Silt	Gravel	NCM	
10	7	II	43	Yellowish Brown	Sand	Gravel	NCM	
11	1	I	28	Dark Brown	Silt Loam	Gravel	NCM	
11	1	II	41	Yellowish Brown	Silt Loam	Gravel	NCM	
11	2	I	39	Dark Brown	Silt Loam	Gravel	NCM	
11	2	II	58	Yellowish Brown	Silt Loam	Gravel	NCM	
11	3	I	24	Dark Brown	Silt Loam	Gravel	NCM	
11	4	I	26	Dark Brown	Silt Loam	Heavy Gravel	NCM	
11	4	II	45	Dark Yellowish Brown	Silt Loam	Gravel	NCM	
11	5	I	31	Dark Brown	Silt Loam	Gravel	NCM	
11	5	II	49	Dark Yellowish Brown	Silt Loam	Heavy Gravel	NCM	
11	6	I	28	Dark Brown	Silt Loam	Heavy Gravel	NCM	
11	6	II	40	Dark Yellowish Brown	Sandy Loam	Heavy Gravel	NCM	
12	1	I	26	Dark Brown	Silt Loam	Heavy Gravel	NCM	Filled with Water
12	2	I	32	Dark Brown	Silt Loam	Gravel	1 pc. flake	
12	2	II	45	Yellowish Brown	Silt		NCM	
12	3	I	35	Dark Brown	Silt Loam	Gravel	NCM	
12	3	II	58	Grayish Brown	Clay Loam	Gravel	NCM	
12	4	I	22	Dark Brown	Silt Loam	Gravel	NCM	
12	4	II	37	Dark Yellowish Brown	Silt	Gravel	NCM	
12	5	I	53	Grayish Brown	Silt Loam	Heavy Gravel	NCM	
12	6	I	34	Grayish Brown	Silt Loam	Gravel	NCM	
12	6	II	44	Dark Brown	Sandy Loam	Gravel	NCM	

Trans	Shovel Test	Level	Depth Below Surface (CM)	Soil Color	Soil Matrix (Primary)	Soil Matrix (Secondary)	Artifacts Recovered	Comments
13	1	I	36	Grayish Brown	Silt Loam	Heavy Gravel	1 pc. small blocky core 1 pc. debitage	
13	1	II	51	Dark Yellowish Brown	Silt Loam	Heavy Gravel	NCM	
13	2	I	35	Dark Brown	Silt Loam	Gravel	NCM	
13	2	II	48	Yellowish Brown	Sandy Loam		NCM	
13	3	I	41	Dark Brown	Silt Loam	Gravel	NCM	
13	3	II	54	Yellowish Brown	Silt Loam	Heavy Gravel	NCM	
13	4	I	31	Dark Brown	Silt Loam	Heavy Gravel	1 pc. debitage	
13	4	II	45	Yellowish Brown	Sandy Loam		NCM	
13	5	I	34	Dark Brown	Silt Loam	Heavy Gravel	NCM	
13	5	II	47	Yellowish Brown	Silt Loam		NCM	

**Appendix IV**  
**Geomorphology Study**

Report of Soils and Geomorphology Study  
Conducted as an Adjunct to Phase I Archaeological Investigation,  
Proposed Candlewood Courts Development Project  
Village of Richmondville, Schoharie County, New York

John M. Stiteler  
Soil Scientist  
Newfield, New York  
[stitelerjohn@gmail.com](mailto:stitelerjohn@gmail.com)  
Submitted April 6, 2017

On March 30, 2017 a study of the soils and geomorphology was conducted at the site of a proposed development project on the northern edge of the village of Richmondville, Schoharie County, New York (Candlewood Courts project). The purpose of the investigation, conducted at the behest of Powers Archaeology LLC, was to determine the potential for the presence of intact, in-situ cultural material within alluvial and colluvial soils in the area of potential effect (APE) of the proposed project. In this report, reference is made to both “APE” and “study area”. “APE” refers to the area where design plans call for cutting, filling, and other construction-related disturbance. “Study area” refers to the broader context – essentially the viewscape as seen from the proposed construction site – and includes landforms that extend outside of the APE, e.g., surrounding slopes that might contribute run-off and colluvium.

The 5.5 acre APE is situated on the right bank of Cobleskill Creek, on the narrow floor of the upper reaches of its valley. It is bounded on the south by US Route 7 (Main Street of Richmondville) and on the north by the right-of-way of I-81. Cobleskill Creek is a 4<sup>th</sup> order tributary of Schoharie Creek and, via it, the Mohawk River. At the point at which it flows past the APE Cobleskill Creek is a relatively small 3<sup>rd</sup> order stream; the headwaters streams rise on the north side of the Valley Heads recessional moraine, 6-7 kilometers northwest of the APE. The valley broadens and flattens, with resulting decrease in stream gradient, just downstream from the study area. The Valley Heads moraine forms the local drainage divide between the Hudson-Mohawk and Susquehanna River basins. Cobleskill Creek flows along the north side of I-81, which lies between it and the APE, and crosses to the south side of the highway approximately 100 m downstream from the APE. Reference to a 1904 USGS topographic quadrangle map shows that the channel flowed just north of the northwest corner of the APE at the turn of the century. The same Historic map shows a 1<sup>st</sup> order stream flowing from the north wall of the valley directly to Cobleskill Creek, with the channel lying 30-50 m west of the APE. This stream has been diverted and now turns to the east after crossing under Main Street and flows along the southern edge of the APE, at the base of the Main Street/Rt 7 embankment. A large 2<sup>nd</sup> order stream draining the uplands to the south via Bear Gulch flows into Cobleskill Creek 400 m west of the APE.

The vast majority of the 5.5 acre APE is situated on a broad terrace with a level to gently rolling surface. In the northeast corner of the APE the surface descends to a small area of lower terrace which descends, just outside of the APE, to the low, poorly drained floodplain of Cobleskill Creek. For this study, the small, low terrace was designated T-1 and the higher terrace that occupies most of and extends beyond the APE was designated T-2.

The study area, like nearly all of upstate New York, was covered by the continental ice sheet of the Wisconsin glacial epoch from around 27,000 years ago to 14,000-16,000 years ago. The Schoharie Creek drainage, including tributaries such as Cobleskill Creek, served as a conduit for glacial meltwater and outwash. During the initial stages of ice recession in this area, however, meltwater from the wasting glacier was impounded in the north-draining Schoharie Creek drainage basin by stagnant valley ice to the north (. This large impoundment, Glacial Lake Schoharie, lasted until ongoing ice recession resulted in the opening of the Mohawk River drainage below the Schoharie Creek confluence. Mapping by Cadwell et al. (1986) indicates the presence of glaciolacustrine silt and clay on the Cobleskill Creek valley floor for about one kilometer upstream and five kilometers downstream from the APE.

Bedrock underlying the study area consists of Middle Devonian-age sedimentary rock (mostly shale, siltstone, and limestone) of the Panther Mountain and Marcellus Formations (Fisher et al. 1970). Neither formation is noted by Fisher et al. as containing chert inclusions. Surficial geology of the Cobleskill Valley floor is dominated by glacial drift. Glacial ice advancing from the north crossed terrain dominated by chert-bearing limestone bedrock and the mixed lithology of the glacial drift at the APE was noted to include black and gray chert.

Soils of the APE are mapped by the USDA-NRCS as Barbour and Tioga loams (Soil Survey Staff 2017). The Barbour series consists of very deep, well drained soils formed on floodplains in geologically recent alluvial deposits derived from areas of acid, reddish sandstone, siltstone, and shale. A typical Barbour silt loam profile consists of an Ap/Bw1/Bw2/C sequence. Thickness of the solum (combined A and B horizons) ranges from 45 to 100 cm. The Tioga series consists of very deep, well drained soils formed in alluvium on higher positions in

floodplains. A typical Tioga series profile consists of an Ap/Bw1/Bw2/C sequence. Thickness of the solum ranges from 45 to 100 cm.

Fieldwork for this study consisted of excavation of six bucket auger probes (AP1-AP6 – see figure for locations) and description of the resulting profiles, along with a walkover of the study area. Probes were conducted using a hand-operated auger with a 10 cm diameter bucket. Soil profiles of the probes were described using standard field parameters (Munsell color, texture, structure, rock fragment content, redoximorphic features, etc.). Particular attention was paid to those characteristics pertinent to archaeological potential of the study area (e.g., integrity of the soil profiles, presence of buried stable surfaces, relative age of the sediments, depositional dynamics, etc.).

An initial walkover of the APE revealed that the entire area had been planted in corn last year. Though stubble and harvest waste were present, surface visibility was good (50-75%). Rounded and subrounded gravel and cobbles were present on the surface throughout, with higher concentrations in some areas.

AP1 was excavated in the incised area at the southern edge of the APE, where the unnamed 1<sup>st</sup> order stream flows at the base of the Rt 7/Main Street embankment. The low area, roughly equivalent in elevation to the T-1 at the north end of the APE, is 25-30 m wide from the base of the embankment to a gentle riser leading to the T-2 surface. AP1 was conducted 12 m north of the channel. The profile consisted of an Ap/AB sequence to refusal on a cobble at 32 cm below surface (bs). The Ap and AB horizons were formed in gravelly (10-15%) silt loam.

AP2 through AP4 were located on the T-2 landform. AP2 was located 50 m north of AP1. The profile, to auger refusal at 52 cm bs, consisted of an Ap/Bw1/Bw2 sequence. The Ap and Bw1 horizons were formed in gravelly (5-8%) silt loam and coarse silt loam, respectively. The Bw2 horizon was formed in gravelly (15-20%) sandy loam exhibiting common distinct redoximorphic mottles.

AP3 was located 50 m north of AP2, at roughly the midline of the terrace. The profile, to auger refusal at 65 cm bs, consisted of an Ap/Bw1/Bw2 sequence. The Ap and Bw1 horizons, to an overall depth of 58 cm bs, were formed in silt loam containing 3-5% rounded gravel. The Bw2 horizon was formed in sandy loam containing 5-8% gravel and exhibiting common distinct redoximorphic mottles.

AP4 was located 80 m north of AP3, on the proximal edge of the T-2 terrace. Just north of this point is a 1.5 m decline to the small T-1 terrace. The terrace edge is one of the stonier portions of the T-2 surface. This area has apparently been a somewhat erosive setting, with soil fines moving down the terrace riser and leaving a stony lag. Much of this erosion may be associated with Historic tillage. The profile of AP4, to auger refusal at 20 cm bs, consisted of an Ap horizon, with small traces of Bw material visible at the base. The Ap horizon was formed in silt loam containing 10-15% gravel and small cobbles.

AP5 and AP6 were conducted on the small T-1 terrace. As much as 90% of the surface here is covered by cobbles and gravel. This, once again, appears to be a stony lag formed by removal of soil fines. Augering was difficult in the stony soil. AP5 was excavated to refusal at 40 cm bs and consisted of an Ap/Bw sequence. AP6 was located 2 m to the west and encountered refusal at 48 cm bs. Soils in both consisted of very gravelly (50-60%) coarse silt loam to sandy loam.

**Interpretation and discussion** – The landscape of the Candlewood Courts project APE is a terrace of Late Pleistocene glacial origin. This material was emplaced by large stream flows during and immediately following drainage of Glacial Lake Schoharie as through-flowing drainage from uplands to the north, south, and west was renewed. There was an ample supply of unconsolidated glacial drift on the uplands bordering the valley, on the terminal moraine several kilometers to the west and, almost certainly, in small deltas which had formed along the shores of the glacial lake. Sediment transport and deposition by 1<sup>st</sup> and 2<sup>nd</sup> order streams located just west of the APE probably also contributed to construction of the landform, so that it has elements of both terrace and alluvial fan. Soil profile development in the incised southern edge of the terrace – currently the course of a first order stream – suggests that this area was downcut

early in the history of the landform. Both the 1<sup>st</sup> and 2<sup>nd</sup> order streams may have been shunted to this area along the base of the valley wall by accumulation of sediment on the valley floor in the early post-glacial period. The small T-1 terrace along the proximal edge of the T-2 appears to be an erosional rather than a depositional feature. That is, this lower landform was created by erosion of the northern edge of the T-2 terrace rather than by deposition by Cobleskill Creek.

No evidence of low to moderate energy, silty overbank deposition was noted within the APE. Gravel and cobbles are present throughout the soil profiles and are present at the surface in all areas. This reflects the high energy Late Pleistocene fluvial environment in which the sediments were deposited. Any cultural material, with the exception of that contained in features excavated into the subsurface (e.g., hearths, food storage pits, etc.), would be confined to the Ap horizon (plow zone) and upper 10-15 cm of the underlying Bw1 horizon.

John M. Stiteler  
Soil scientist  
Newfield, New York  
April 6, 2017

#### References:

Cadwell, D.H. et al. 1986. Surficial Geologic Map of New York: Finger Lakes Sheet. New York State Museum – Geological Survey; Map and Chart Series #40.

Dineen, R.J., 1986. Deglaciation of the Hudson Valley Between Hyde Park and Albany, New York, *in* “The Wisconsin Stage of the First Geological District, Eastern New York”, Cadwell, D.H., ed., New York State Museum Bulletin 455, p. 89–108.

Fisher, D.W., Y.W. Isachsen, and L.V. Rickard 1970. Geologic Map of New York: Mohawk-Hudson Sheet. New York State Museum and Science Service Map and Chart Series #15.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey [Online WWW]. Available URL: "<http://soils.usda.gov/technical/classification/osd/index.html>"

Weremeichik, J.M. and J.E. Mylroie 2014. Glacial Lake Schoharie: an investigative study of glaciolacustrine lithofacies in caves, Helderberg Plateau, central New York. *Journal of Cave and Karst Studies*, v. 76, no. 2, p. 127–138.

## **Appendix V**

### **Avoidance Guidelines**

- A 50-ft / 15-m / buffer zone should be established around the recommended sites or Loci. The buffer zone will utilize temporary fencing or other means approved by the NYSOPRHP to clearly deter construction activity in the area during development.
- All construction plans will reflect all construction activities, including grading and filling activities.
- All construction plans will mark sites, loci, and buffer zones as "Environmentally Sensitive - Do Not Impact". Location of the temporary fencing will be clearly marked on the construction plans as well. A note in the design plan will be on appropriate maps explaining that topsoil will not be excavated in these areas and trucks will avoid the area.
- All construction plans will include the NYSOPRHP Human Remains Discovery Protocol as well as contact information for the Archaeological Field Services Bureau in case human remains are discovered anywhere during construction. Should human remains be discovered, the NYSOPRHP will be contacted immediately.
- A preconstruction meeting with the construction contractor is required. This meeting should serve to notify those undertaking construction activities of the requirements necessary to protect and avoid designated sites areas.
- Unauthorized activities within site boundaries will require notification of the New York State Office of Parks, Recreation, and Historic Preservation at 518-237-8643, ext 3820.
- An archaeology covenant will be transferred with each property containing the avoided / protected Site.



## Parks, Recreation, and Historic Preservation

**ANDREW M. CUOMO**  
Governor

**ROSE HARVEY**  
Commissioner

March 3, 2017

Mary Barthelme  
Governor's Office of Storm Recovery  
99 Washington Ave, Suite 1224  
Albany, NY 12231

Re: HTF/ GOSR/ NY Rising Program- Construction:  
Affordable Housing Project-Candlewood Court I & II  
365 East Main Street, Richmondville/ Schoharie County  
17PR01249

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Title 54, Section 306108 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on available information, this project is located in an archaeologically sensitive area. Multiple archaeological sites have been recorded within or adjacent to the proposed project area. Therefore, SHPO recommends that a Phase I archaeological survey is warranted for all portions of the project that will involve ground disturbance, unless substantial prior ground disturbance can be documented. If you consider the project area to be disturbed, documentation of the disturbance will need to be reviewed by SHPO. Examples of disturbance include mining activities and multiple episodes of building construction and demolition.

Documentation of ground disturbance should include a description of the disturbance with confirming evidence. Confirmation can include current photographs and/or older photographs of the project area which illustrate the disturbance (approximately keyed to a project area map), past maps or site plans that accurately record previous disturbances, or current soil borings that verify past disruptions to the land. Agricultural activity is not considered to be substantial ground disturbance and many significant sites have been identified in previously cultivated land.

Please note that in areas with alluvial soils or fill archaeological deposits may exist below the depth of superficial disturbances, such as pavement or even deeper disturbances, depending on the thickness of the alluvium or fill. Evaluation of the possible impact of prior disturbance on archaeological sites must consider the depth of potentially culture-bearing deposits and the depth of planned disturbance by the proposed project.

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**Division for Historic Preservation**

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [www.nysparks.com](http://www.nysparks.com)

Also, please note that wetlands may have areas of higher elevation that were suitable for habitation and/or the staging of temporary resource procurement camps. In addition, past climatic variations or modern changes in hydrology may have inundated areas formerly available for occupation.

A Phase I survey is designed to determine the presence or absence of archaeological sites or other cultural resources in the project's area of potential effect. The SHPO can provide standards for conducting cultural resource investigations upon request. Cultural resource surveys and survey reports that meet these standards will be accepted and approved by the SHPO.

Our office does not conduct cultural resources surveys. A 36 CFR 61 qualified archaeologist should be retained to undertake the Phase I survey. Many archaeological consulting firms advertise their availability in the yellow pages. The services of qualified archaeologists can also be obtained by contacting local, regional, or statewide professional archaeological organizations. Phase I surveys can be expected to vary in cost per mile of right-of-way or by the number of acres impacted. We encourage you to contact a number of consulting firms and compare examples of each firm's work to obtain the best product.

Please also be aware that a Section 233 permit from the New York State Education Department (SED) may be necessary before any archaeological survey activities are conducted on State-owned land. If any portion of the project includes the lands of New York State you should contact the SED before initiating survey activities. The SED contact is Christina B. Rieth and she can be reached at (518) 402-5975. Section 233 permits are not required for projects on private land.

If I can be of further assistance, contact me at (518) 268-2187 [Larry.moss@parks.ny.gov](mailto:Larry.moss@parks.ny.gov) or Philip Perazio at 518-268-2175 [Philip.Perazio@parks.ny.gov](mailto:Philip.Perazio@parks.ny.gov).

Sincerely,



Larry K Moss, Historic Preservation Technical Specialist  
CC: Lori Shirley



February 24, 2017

Mr. Larry Moss  
Historic Preservation Technical Specialist  
New York State Office of Parks, Recreation and Historic Preservation  
Division of Historic Preservation  
Peebles Island  
P.O. Box 189  
Waterford, New York 12188-0189

Re: Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town of Richmondville, Schoharie County, New York

Dear Mr. Moss:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery ("CDBG-DR") funds from the United States Department of Housing and Urban Development ("HUD"), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and request for consultation.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case by case basis. A consultation request for the project described herein will also be sent to the Saint Regis Mohawk Tribe, the Mohawk Nation, and the Stockbridge-Munsee Community Band of Mohicans. In accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended (54 U.S.C. §306108), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action.

Area of Potential Effect: The project is located off of East Main Street (Rte. 7) at approximately 365 E Main Street, Richmondville, NY 12149. A site map is included with this consultation.

Project Description: The development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7). The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two – 20, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated with other non-residential uses to establish a new "gateway" into Richmondville. The project will consist of two separate buildings on two separate lots. The buildings will be approximately 23,600 sf and will consist of approximately 12-one

bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric.

Request for Comment: The purpose of this letter is to initiate consultation pursuant to Section 106 of the NHPA per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. GOSR respectfully requests your review of the proposed project described herein. If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0755 or via email at [lori.shirley@nyshcr.org](mailto:lori.shirley@nyshcr.org). Thank you for your time and consideration.

Sincerely,



Lori Shirley  
Director  
Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery

**Enclosures:**  
Project Location Maps

## Appendix J – Tribal Correspondence



**Governor's Office of  
Storm Recovery**

**ANDREW M. CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

February 24, 2017

Mohawk Nation Council of Chiefs  
Of Haudenosaunee Six Nations Confederacy  
Akwesasne Territory Box 336  
Via Rooseveltown, NY 13683-0366

Re: Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town of Richmondville, Schoharie County, New York

Dear Mohawk Nation Council of Chiefs:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. GOSR proposed to provide funding for the construction of two apartment buildings in Richmondville, New York, in accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470a), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action. This consultation is being sent to the Saint Regis Mohawk Tribe, the Mohawk Nation, and the Stockbridge-Munsee Community Band of Mohicans.

Area of Potential Effect: Area of Potential Effect: The project is located off of East Main Street (Rte. 7) at approximately 365 E Main Street, Richmondville, NY 12149. A site map is included with this consultation.

Project Description: The development will consist of new quality rental housing on vacant land off East Main Street (Rte. 7). The Candlewood Court I & II adds 40 units of quality affordable housing to be comprised of two – 20, 1, 2, and 3-bedroom apartment buildings with easy access to municipal services, retail and major transportation routes. The two projects will be on separate parcels on Route 7 and will be integrated with other non-residential uses to establish a new “gateway” into Richmondville. The project will consist of two separate buildings on two separate lots. The buildings will be approximately 23,600 sf and will consist of approximately 12-one



**Governor's Office of  
Storm Recovery**

**ANDREW M. CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric.

With this letter, GOSR respectfully submits for your review the attached documentation for the proposed project(s) described herein. Consultation has been initiated with the State Historic Preservation Office but no comments from SHPO have been received to date. If the Area of Potential Effect encompasses historic properties of religious or cultural significance to your Nation please respond within 30 days or sooner. Additionally, please indicate if there are other sources of information or other parties, Nations, Tribes, or members of the public you believe should be included in the consultation process. Please respond by email or in writing to the address listed below.

Ms. Lori Shirley  
Director, Bureau of Environmental Services  
New York State Homes & Community Renewal  
38-40 State St., 408N, Hampton Plaza  
Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0755 or via email at [lori.shirley@nyshcr.org](mailto:lori.shirley@nyshcr.org). Thank you for your time and consideration.

Sincerely,

Lori Shirley  
Director - Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery

**Enclosures:**  
Attachment 1 – Site Plans



8

SHEET NO.

**53**

NORTH

**HARRIS A. SANDERS ARCHITECTS, P.C.**  
 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

**HOUSING VISIONS APARTMENTS**  
 MAIN STREET  
 RICHMONDVILLE, NEW YORK

**SITE PLAN**  
**(2) 20 UNIT BUILDINGS**

PROJECT NO:  
 DESIGNED BY:  
 DRAWN BY:  
 CHECKED BY:  
 SCALE: AS NOTED  
 NOTES:

DATE: 07/19/16  
 REVISED:

PLOTTED: 07/19/16 08:54:45 AM  
 FILE NAME: Housing Visions  
 X-Ref: Site Plan.dwg



## Governor's Office of Storm Recovery

ANDREW M. CUOMO  
Governor

LISA BOVA-HIATT  
Executive Director

February 24, 2017

Ron LaFrance, Jr.; Paul Thompson; and Beverly Cook, Chiefs  
St. Regis Mohawk Tribe  
412 State Route 37  
Akwesasne, NY 13655

Re: Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town  
of Richmondville, Schoharie County, New York

Dear Chiefs of the St. Regis Mohawk Tribe:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Tribe to respond with any concerns or comments.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. GOSR proposed to provide funding for the construction of two apartment buildings in Richmondville, New York. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470a), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action. This consultation is being sent to the Saint Regis Mohawk Tribe, the Mohawk Nation, and the Stockbridge-Munsee Community Band of Mohicans.

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**Governor's Office of  
Storm Recovery**

**ANDREW M. CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric.

With this letter, GOSR respectfully submits for your review the attached documentation for the proposed project(s) described herein. Consultation has been initiated with the State Historic Preservation Office but no comments from SHPO have been received to date. If the Area of Potential Effect encompasses historic properties of religious or cultural significance to your Tribe please respond within 30 days or sooner. Additionally, please indicate if there are other sources of information or other parties, Nations, Tribes, or members of the public you believe should be included in the consultation process. Please respond by email or in writing to the address listed below.

Ms. Lori Shirley  
Director, Bureau of Environmental Services  
New York State Homes & Community Renewal  
38-40 State St., 408N, Hampton Plaza  
Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0755 or via email at [lori.shirley@nyshcr.org](mailto:lori.shirley@nyshcr.org). Thank you for your time and consideration.

Sincerely,

Lori Shirley  
Director - Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery

**Enclosures:**

Attachment 1 – Site Plans

**Electronic letter sent to:**

Arnold Printup  
Saint Regis Mohawk Tribe, THPO  
412 State Route 37  
Akwesasne, NY 13655



8  
 SHEET NO. **53**  
 NORTH

**HARRIS A. SANDERS ARCHITECTS, P.C.**  
 252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210  
**HOUSING VISIONS APARTMENTS**  
 MAIN STREET  
 RICHMONDVILLE, NEW YORK

(2) 20 UNIT BUILDINGS  
**SITE PLAN**

PROJECT NO:  
 DESIGNED BY:  
 DRAWN BY:  
 CHECKED BY:  
 SCALE: AS NOTED  
 NOTES:

DATE: 07/19/16  
 REVISED:

PLOTTED: 07/19/16 08:54:45 AM  
 FILE NAME: Housing Visions  
 X-Ref: Site Plan.dwg

## Jarman, Clifford

---

**From:** Bonney Hartley <Bonney.Hartley@mohican-nsn.gov>  
**Sent:** Wednesday, March 01, 2017 8:44 AM  
**To:** Barthelme, Mary (STORMRECOVERY)  
**Cc:** Shirley, Lori (NYSHCR)  
**Subject:** RE: Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town of Richmondville, Schoharie County, New York

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Flagged

*ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*

Hi Mary,  
This project is out of Stockbridge-Munsee Community's area of interest, so we have no comment.  
Thank you!  
Bonney

---

**From:** Barthelme, Mary (STORMRECOVERY) [mailto:Mary.Barthelme@stormrecovery.ny.gov]  
**Sent:** Friday, February 24, 2017 3:41 PM  
**To:** Bonney Hartley  
**Cc:** Shirley, Lori (NYSHCR)  
**Subject:** Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town of Richmondville, Schoharie County, New York

Dear Bonney,

Please see the attached consultation for the above-mentioned project.

A hard copy is being sent today by mail. Please let me know if you have any questions.

Thank you,

Mary Barthelme

### Mary Barthelme

Environmental and Historic Preservation Specialist

#### Governor's Office of Storm Recovery

99 Washington Avenue, Suite 1224, Albany NY 12260

O: [\(518\) 473-0154](tel:(518)473-0154) | C: [\(646\) 706-6748](tel:(646)706-6748) | F: [\(518\) 474-6102](tel:(518)474-6102) |

[Mary.Barthelme@stormrecovery.ny.gov](mailto:Mary.Barthelme@stormrecovery.ny.gov)

[www.stormrecovery.ny.gov](http://www.stormrecovery.ny.gov)

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## Governor's Office of Storm Recovery

ANDREW M. CUOMO  
Governor

LISA BOVA-HIATT  
Executive Director

February 24, 2017

Shannon Holsey, President  
Stockbridge-Munsee Community, Band of the Mohicans  
N8476 Moh He Con Nuck Road  
Bowler, WI 54416

Re: Section 106 Compliance for Affordable Housing Project-Candlewood Court I & II, Town of Richmondville, Schoharie County, New York

Dear President Shannon Holsey:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery ("CDBG-DR") funds from the United States Department of Housing and Urban Development ("HUD"), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Community to respond with any concerns or comments.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. GOSR proposed to provide funding for the construction of two apartment buildings in Richmondville, New York. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470a), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action. This consultation is being sent to the Saint Regis Mohawk Tribe, the Mohawk Nation, and the Stockbridge-Munsee Community Band of Mohicans.

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**Governor's Office of  
Storm Recovery**

**ANDREW M. CUOMO**  
Governor

**LISA BOVA-HIATT**  
Executive Director

bedroom units, 5-two bedroom units, and three 3-bedroom units each. The site is relatively flat and access to water sewer and electric are available. All appliances and systems will be electric.

With this letter, GOSR respectfully submits for your review the attached documentation for the proposed project(s) described herein. Consultation has been initiated with the State Historic Preservation Office but no comments from SHPO have been received to date. If the Area of Potential Effect encompasses historic properties of religious or cultural significance to your Community please respond within 30 days or sooner. Additionally, please indicate if there are other sources of information or other parties, Nations, Tribes, or members of the public you believe should be included in the consultation process. Please respond by email or in writing to the address listed below.

Ms. Lori Shirley  
Director, Bureau of Environmental Services  
New York State Homes & Community Renewal  
38-40 State St., 408N, Hampton Plaza  
Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0755 or via email at [lori.shirley@nyshcr.org](mailto:lori.shirley@nyshcr.org). Thank you for your time and consideration.

Sincerely,

Lori Shirley  
Director - Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery

**Enclosures:**

Attachment 1 – Site Plans

**Electronic letter sent to:**

Bonney Hartley  
THPO, New York Office  
Stockbridge-Munsee Community, Band of the Mohicans  
65 1st Street  
Troy, NY 12180



SITE PLAN  
SCALE: 1"=40'-0"  
65(S)

VILLAGE SEWER  
TREATMENT PLANT

PARCEL 1 - 25 ACRES

PARCEL 2 - 25 ACRES

VILLAGE OF RICHMONDVILLE

VILLAGE OF RICHMONDVILLE



8

SHEET NO.

**33**

**HARRIS A. SANDERS ARCHITECTS, P.C.**  
252 WASHINGTON AVENUE, ALBANY, NEW YORK 12210

HOUSING VISIONS APARTMENTS  
MAIN STREET  
RICHMONDVILLE, NEW YORK

SITE PLAN  
(2) 20 UNIT BUILDINGS

PROJECT NO:  
DESIGNED BY:  
DRAWN BY:  
CHECKED BY:  
SCALE: AS NOTED  
NOTES:

DATE: 07/19/16  
REVISED:

PLOTTED: 07/19/16 08:54:45 AM  
FILE NAME: Housing Visions  
X-Ref: Site Plan.dwg

## Appendix K – Noise

# TECHNICAL MEMORANDUM



TO: Diana Jakimoski  
Housing Visions Unlimited, Inc.  
1201 E. Fayette Street  
Syracuse, New York 13210

FROM: James D. MacKecknie  
Ravi Engineering & Land Surveying, P.C.

DATE: March 20, 2017

PROJECT: Noise Assessment  
Candlewood Court I & II  
Village of Richmondville, New York 12149

SUBJECT: **ITEM #17: NOISE**

---

## PURPOSE

The purpose of this memorandum is to discuss the findings of a noise assessment for the proposed Candlewood Court I & II project located at the vacant property on the north side of East Main Street, adjacent to Joseph B. Radez Elementary School in the Village of Richmondville, Schoharie County, New York (Figure 1). It is understood that the findings presented in this memorandum were requested by the New York State Governor's Office of Storm Recovery as a portion of required environmental documentation for the proposed low to moderate income housing in Richmondville, New York.

## INTRODUCTION

Ravi Engineering & Land Surveying, P.C. (RE&LS) has performed a noise assessment of the proposed project site. The objective of this noise assessment was to identify any airports within 15 miles of the proposed project, highways that carry more than 10,000 cars a day and are located within 1,000 feet of the proposed project, and active railroad tracks located within 3,000 feet of the proposed project. As per 24 CFR Part 51 subpart B-Noise Abatement and Control, noise no greater than 65 dNL are considered acceptable. The results of the noise assessment are documented in the Site Evaluation Worksheet A (Attachment A).

## **ITEM #17: NOISE**

This project is subject to requirements under 24 CFR Part 51 Subpart B-Noise Abatement and Control (Attachment B).

### *Airport Impact Assessment*

The aircraft noise evaluation requires consideration of all civil and military airports within 15 miles of the proposed project to be assessed using the Aircraft Noise Worksheet B.

The Federal Aviation Administration (FAA) defines a civil airport as “an existing commercial service airport as designated in the National Plan of Integrated Airport Systems prepared by the FAA in accordance with section 504 of the Airport and Airway Improvement Act of 1982.” “The National Plan of Integrated Airport Systems (NPIAS) contains all commercial service airports, all reliever airports, and selected general aviation airports.” Review of the NPIAS revealed no civil airports listed in Schoharie County (Attachment C).

The FAA lists all Joint Civilian/Military (Joint-Use) Airports in the U.S. on their website (Attachment D). There are no joint-use airports listed in New York State according to this list. Although military airports are not explicitly listed through the FAA or the United States Department of Defense, military installations are listed on the Department of Defense databases (Attachment E). No military installations are listed by the Department of Defense in New York State for the United States Air Force.

No civil or military airports are located within 15 miles of the proposed project.

Based on the Airport Noise Assessment criteria described in the U.S. Department of Housing and Urban Development Noise Assessment Guidebook, airport noise is not of concern relative to the proposed construction of the Candlewood Court I & II apartment buildings.

### *Highway Impact Assessment*

The highway noise evaluation requires highways within 1,000 feet of the proposed project to be assessed on the Highway Noise Worksheet C. An investigation of the proposed project and surrounding area indicates two highways within 1,000 feet of the proposed project location:

1. Interstate 88 (I-88) is approximately 500 feet to the north, and
2. NYS Route 7 is approximately 400 feet to the south of the proposed project location.

According to the New York State Department of Transportation (NYSDOT) traffic count records, in 2015 I-88 carried an average of 9,060 vehicles per day and Route 7 carried an average of 3,736 vehicles per day (Attachment F). These averages are below the threshold value of more than 10,000 cars per day; according to this data, these highways do not produce noise at levels greater than 65 dNL on a daily basis.

Based on the Highway Noise Assessment criteria described in the U.S. Department of Housing and Urban Development Noise Assessment Guidebook, highway noise is not of concern relative to the proposed construction of the Candlewood Court I & II apartment buildings.

#### Railroad Impact Assessment

The railway noise evaluation requires active railroad tracks within 3,000 feet of the proposed project to be assessed on the Railway Noise Worksheet D (Attachment G). According to the NYSDOT 2016 list of active railroads in New York, there is one set of active railroad tracks within 3,000 feet of the proposed project location (Attachment H). The railway is operated by Norfolk Southern Railway Company and is approximately 1,113 feet away from the proposed project location. David Pidgeon, the Manager of Public Relations for Norfolk Southern Railway Corporation supplied RE&LS with the necessary information to complete the railway noise assessment. According to the information provided, the partial day/night noise level (DNL) for this railway is calculated to be approximately 61.4 decibels at an effective distance of 1,113 feet from the center of the tracks to the nearest property boundary at the proposed project location. This value is below the threshold set forth by the Noise Assessment Guidebook noise mitigation requirements of 65 dNL.

Based on the Railway Noise Assessment criteria described in the U.S. Department of Housing and Urban Development Noise Assessment Guidebook, active railroad noise is not of concern relative to the proposed construction of the Candlewood Court I & II apartment buildings.

#### **SUMMARY**

Based on a review of available mapping, relevant databases, correspondence with pertinent individuals and organizations, and the field study conducted, the level of noise relative to the proposed project location does not exceed noise levels greater than the acceptable level of 65 dNL. Noise levels are not of concern relative to the proposed construction of the Candlewood Court I & II apartment buildings.

**END OF TECHNICAL MEMORANDUM**

# FIGURES

Figure 1: Project Location Map

Attachment A: Site Evaluation Worksheet A

Attachment B: 24 CFR Part 51 Subpart B-Noise Abatement and Control

Attachment C: National Plan of Integrated Airport Systems

Attachment D: FAA Listed-Joint Civilian/Military (Joint-Use) Airports

Attachment E: U.S. Department of Defense Air Force Military Installations

Attachment F: NYSDOT Highway Traffic Counts in Richmondville, NY

Attachment G: Railway Noise Worksheet D

Attachment H: NYSDOT Active Railroads in New York - 2016

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

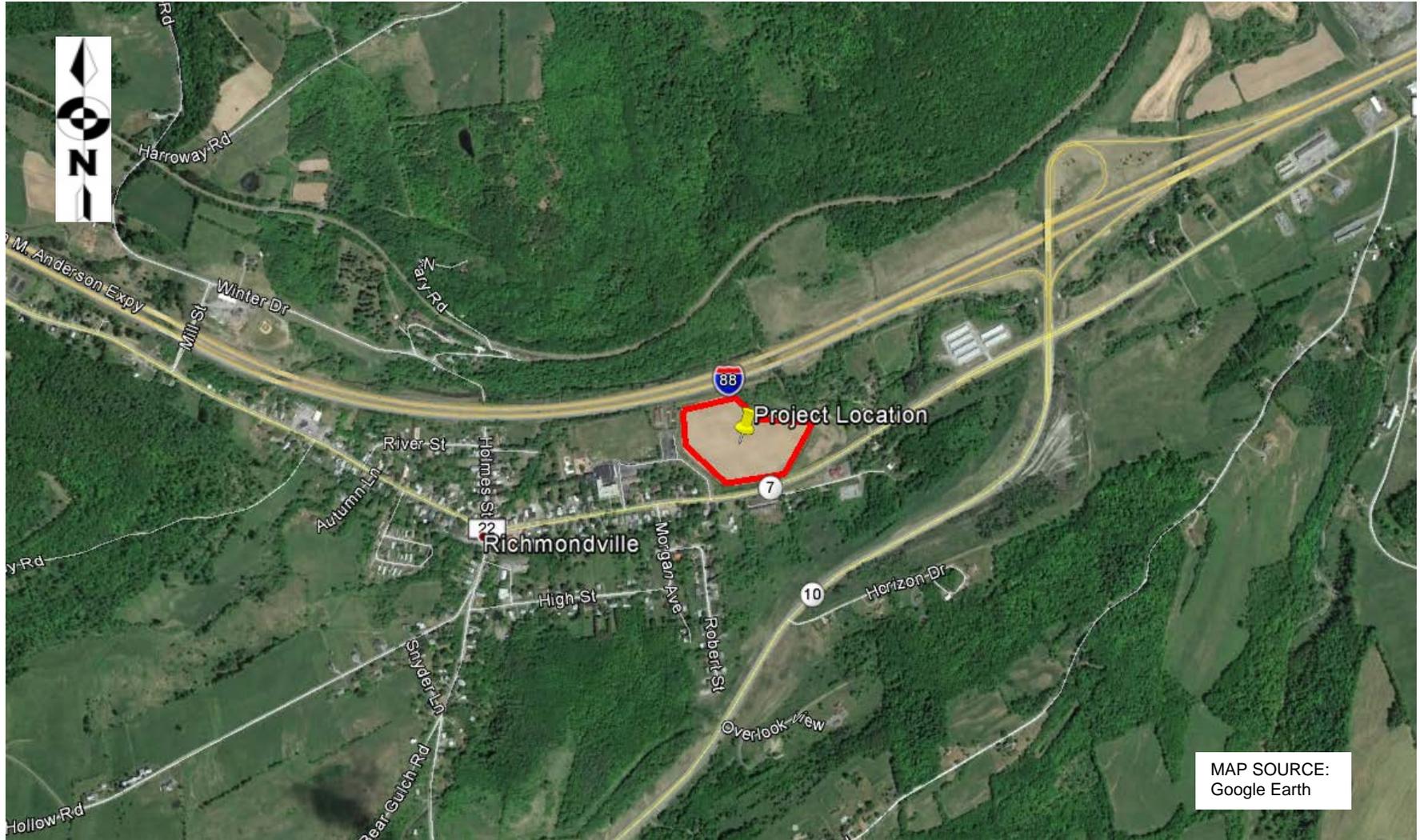
**FIGURE 1**

*Project Location Map*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



MAP SOURCE:  
Google Earth

  
**RAVI ENGINEERING & LAND SURVEYING, P.C.**  
 2110 SOUTH CLINTON AVENUE, SUITE 1  
 ROCHESTER, NEW YORK 14618  
 TL: (585) 223-3660    FX (585) 223-4250

RICHMONDVILLE NOISE ASSESSMENT  
 VILLAGE OF RICHMONDVILLE, SCHOHARIE COUNTY, NEW YORK 12149

PROJECT NO.  
 40/45-17-008C

DATE:  
 3/6/2017

PROJECT LOCATION MAP

SCALE:  
 N.T.S.

DRAWING NO:  
 1

**ATTACHMENT A**

*Site Evaluation Worksheet A*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

**Worksheet A  
Site Evaluation**

**Noise Assessment Guidelines**

**Site Location**

Davis Lane and East Main Street

**Program**

HUD Affordable Housing

**Project Name**

Candlewood Court I & II

**Locality**

Village of Richmondville, Schoharie County, New York 12149

**File Number**

J

**Sponsor's Name**

Housing Visions Unlimited, Inc.

**Phone**

(315) 472-3820

**Street Address**

1201 East Fayette Street

**City, State**

Syracuse, New York 13210

	Acceptability Category	DNL	Predicted for Operations in Year
1. Roadway Noise	Acceptable	N/A	2015
2. Aircraft Noise	Acceptable	N/A	2017-2021
3. Railway Noise	Acceptable	61.4	2016
		61.4	

Value of DNL for all noise sources: (see page 3 for combination procedure)

**Final Site Evaluation (circle one)**

Acceptable

Normally Unacceptable

Unacceptable

Signature

*Cory Stettin* *J. M. Hall*

Date

3/17/2017

Clip this worksheet to the top of a package containing Worksheets B-E and Workcharts 1-7 that are used in the site evaluations

**ATTACHMENT B**

*24 CFR Part 51 Subpart B-Noise Abatement and Control*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

## Office of the Secretary, HUD

Pt. 51

(1) When the proposed action is, or is closely similar to, one which normally requires the preparation of an EIS pursuant to § 50.42(b) but it is determined, as a result of an EA or in the course of preparation of a draft EIS, that the proposed action will not have a significant impact on the human environment; or

(2) When the nature of the proposed action is without precedent and does not appear to require more than an assessment.

(b) In such cases, the FONSI must be concurred in by the AS/CPD and the Program Environmental Clearance Officer. Notice of the availability of the FONSI shall be given to the public in accordance with paragraphs (a) through (d) of § 50.23.

### § 50.35 Use of prior environmental assessments.

When other Federal, State, or local agencies have prepared an EA or other environmental analysis for a proposed HUD project, these documents should be requested and used to the extent possible. HUD must, however, conduct the environmental analysis and prepare the EA and be responsible for the required environmental finding.

### § 50.36 Updating of environmental reviews.

The environmental review must be re-evaluated and updated when the basis for the original environmental or compliance findings is affected by a major change requiring HUD approval in the nature, magnitude or extent of a project and the project is not yet complete. A change only in the amount of financing or mortgage insurance involved does not normally require the environmental review to be re-evaluated or updated.

## Subpart F—Environmental Impact Statements

### § 50.41 EIS policy.

EIS's will be prepared and considered in program determinations pursuant to the general environmental policy stated in § 50.3 and 40 CFR 1505.2 (b) and (c).

### § 50.42 Cases when an EIS is required.

(a) An EIS is required if the proposal is determined to have a significant impact on the human environment pursuant to subpart E.

(b) An EIS will normally be required if the proposal:

(1) Would provide a site or sites for hospitals or nursing homes containing a total of 2,500 or more beds; or

(2) Would remove, demolish, convert, or substantially rehabilitate 2,500 or more existing housing units (but not including rehabilitation projects categorically excluded under § 50.20), or which would result in the construction or installation of 2,500 or more housing units, or which would provide sites for 2,500 or more housing units.

(c) When the environmental concerns of one or more Federal authorities cited in § 50.4 will be affected by the proposal, the cumulative impact of all such effects should be assessed to determine whether an EIS is required. Where all of the affected authorities provide alternative procedures for resolution, those procedures should be used in lieu of an EIS.

### § 50.43 Emergencies.

In cases of national emergency and disasters or cases of imminent threat to health and safety or other emergency which require the taking of an action with significant environmental impact, the provisions of 40 CFR 1506.11 and of any applicable § 50.4 authorities which provide for emergencies shall apply.

## PART 51—ENVIRONMENTAL CRITERIA AND STANDARDS

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## § 51.1

APPENDIX I TO SUBPART B TO PART 51—DEFINITION OF ACOUSTICAL QUANTITIES

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- 51.300 Purpose.
- 51.301 Definitions.
- 51.302 Coverage.
- 51.303 General policy.
- 51.304 Responsibilities.
- 51.305 Implementation.

AUTHORITY: 42 U.S.C. 3535(d), unless otherwise noted.

SOURCE: 44 FR 40861, July 12, 1979, unless otherwise noted.

## Subpart A—General Provisions

### § 51.1 Purpose.

The Department of Housing and Urban Development is providing program Assistant Secretaries and administrators and field offices with environmental standards, criteria and guidelines for determining project acceptability and necessary mitigating measures to insure that activities assisted by the Department achieve the goal of a suitable living environment.

### § 51.2 Authority.

This part implements the Department's responsibilities under: The National Housing Act (12 U.S.C. 1701 et seq.); sec. 2 of the Housing Act of 1949 (42 U.S.C. 1441); secs. 2 and 7(d) of the Department of Housing and Urban Development Act (42 U.S.C. 3531 and

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3535(d)); the National Environmental Policy Act of 1969 (42 U.S.C. 4321); and the other statutes that are referred to in this part.

[61 FR 13333, Mar. 26, 1996]

### § 51.3 Responsibilities.

The Assistant Secretary for Community Planning and Development is responsible for administering HUD's environmental criteria and standards as set forth in this part. The Assistant Secretary for Community Planning and Development may be assisted by HUD officials in implementing the responsibilities established by this part. HUD will identify these HUD officials and their specific responsibilities through FEDERAL REGISTER notice.

[61 FR 13333, Mar. 26, 1996]

### § 51.4 Program coverage.

Environmental standards shall apply to all HUD actions except where special provisions and exemptions are contained in each subpart.

## Subpart B—Noise Abatement and Control

### § 51.100 Purpose and authority.

(a) It is the purpose of this subpart B to:

(1) Call attention to the threat of noise pollution;

(2) Encourage the control of noise at its source in cooperation with other Federal departments and agencies;

(3) Encourage land use patterns for housing and other noise sensitive urban needs that will provide a suitable separation between them and major noise sources;

(4) Generally prohibit HUD support for new construction of noise sensitive uses on sites having unacceptable noise exposure;

(5) Provide policy on the use of structural and other noise attenuation measures where needed; and

(6) Provide policy to guide implementation of various HUD programs.

(b) Authority. Specific authorities for noise abatement and control are contained in the Noise Control Act of 1972, as amended (42 U.S.C. 4901 et seq.); and the General Services Administration, Federal Management Circular 75-2;

Compatible Land Uses at Federal Airfields.

[44 FR 40861, July 12, 1979, as amended at 61 FR 13333, Mar. 26, 1996]

**§ 51.101 General policy.**

(a) It is HUD's general policy to provide minimum national standards applicable to HUD programs to protect citizens against excessive noise in their communities and places of residence.

(1) Planning assistance. HUD requires that grantees give adequate consideration to noise exposures and sources of noise as an integral part of the urban environment when HUD assistance is provided for planning purposes, as follows:

(i) Particular emphasis shall be placed on the importance of compatible land use planning in relation to airports, highways and other sources of high noise.

(ii) Applicants shall take into consideration HUD environmental standards impacting the use of land.

(2) Activities subject to 24 CFR part 58. (i) Responsible entities under 24 CFR part 58 must take into consideration the noise criteria and standards in the environmental review process and consider ameliorative actions when noise sensitive land development is proposed in noise exposed areas. Responsible entities shall address deviations from the standards in their environmental reviews as required in 24 CFR part 58.

(ii) Where activities are planned in a noisy area, and HUD assistance is contemplated later for housing and/or other noise sensitive activities, the responsible entity risks denial of the HUD assistance unless the HUD standards are met.

(3) HUD support for new construction. HUD assistance for the construction of new noise sensitive uses is prohibited generally for projects with unacceptable noise exposures and is discouraged for projects with normally unacceptable noise exposure. (Standards of acceptability are contained in § 51.103(c).) This policy applies to all HUD programs providing assistance, subsidy or insurance for housing, manufactured home parks, nursing homes, hospitals, and all programs providing assistance or insurance for land development, re-development or any other provision of

facilities and services which are directed to making land available for housing or noise sensitive development. The policy does not apply to research demonstration projects which do not result in new construction or reconstruction, flood insurance, interstate land sales registration, or any action or emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster.

(4) HUD support for existing construction. Noise exposure by itself will not result in the denial of HUD support for the resale and purchase of otherwise acceptable existing buildings. However, environmental noise is a marketability factor which HUD will consider in determining the amount of insurance or other assistance that may be given.

(5) HUD support of modernization and rehabilitation. For modernization projects located in all noise exposed areas, HUD shall encourage noise attenuation features in alterations. For major or substantial rehabilitation projects in the Normally Unacceptable and Unacceptable noise zones, HUD actively shall seek to have project sponsors incorporate noise attenuation features, given the extent and nature of the rehabilitation being undertaken and the level or exterior noise exposure. In Unacceptable noise zones, HUD shall strongly encourage conversion of noise-exposed sites to land uses compatible with the high noise levels.

(6) Research, guidance and publications. HUD shall maintain a continuing program designed to provide new knowledge of noise abatement and control to public and private bodies, to develop improved methods for anticipating noise encroachment, to develop noise abatement measures through land use and building construction practices, and to foster better understanding of the consequences of noise. It shall be HUD's policy to issue guidance documents periodically to assist HUD personnel in assigning an acceptability category to projects in accordance with noise exposure standards, in evaluating noise attenuation measures,

## § 51.102

and in advising local agencies about noise abatement strategies. The guidance documents shall be updated periodically in accordance with advances in the state-of-the-art.

(7) Construction equipment, building equipment and appliances. HUD shall encourage the use of quieter construction equipment and methods in population centers, the use of quieter equipment and appliances in buildings, and the use of appropriate noise abatement techniques in the design of residential structures with potential noise problems.

(8) Exterior noise goals. It is a HUD goal that exterior noise levels do not exceed a day-night average sound level of 55 decibels. This level is recommended by the Environmental Protection Agency as a goal for outdoors in residential areas. The levels recommended by EPA are not standards and do not take into account cost or feasibility. For the purposes of this regulation and to meet other program objectives, sites with a day-night average sound level of 65 and below are acceptable and are allowable (see Standards in § 51.103(c)).

(9) Interior noise goals. It is a HUD goal that the interior auditory environment shall not exceed a day-night average sound level of 45 decibels. Attenuation measures to meet these interior goals shall be employed where feasible. Emphasis shall be given to noise sensitive interior spaces such as bedrooms. Minimum attenuation requirements are prescribed in § 51.104(a).

(10) Acoustical privacy in multifamily buildings. HUD shall require the use of building design and acoustical treatment to afford acoustical privacy in multifamily buildings pursuant to requirements of the Minimum Property Standards.

[44 FR 40861, July 12, 1979, as amended at 50 FR 9268, Mar. 7, 1985; 61 FR 13333, Mar. 26, 1996]

### § 51.102 Responsibilities.

(a) Surveillance of noise problem areas. Appropriate field staff shall maintain surveillance of potential noise problem areas and advise local officials, developers, and planning groups of the unacceptability of sites because of noise exposure at the earliest possible

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time in the decision process. Every attempt shall be made to insure that applicants' site choices are consistent with the policy and standards contained herein.

(b) Notice to applicants. At the earliest possible stage, HUD program staff shall:

(1) Determine the suitability of the acoustical environment of proposed projects;

(2) Notify applicants of any adverse or questionable situations; and

(3) Assure that prospective applicants are apprised of the standards contained herein so that future site choices will be consistent with these standards.

(c) Interdepartmental coordination. HUD shall foster appropriate coordination between field offices and other departments and agencies, particularly the Environmental Protection Agency, the Department of Transportation, Department of Defense representatives, and the Department of Veterans Affairs. HUD staff shall utilize the acceptability standards in commenting on the prospective impacts of transportation facilities and other noise generators in the Environmental Impact Statement review process.

[44 FR 40861, July 12, 1979, as amended at 54 FR 39525, Sept. 27, 1989; 61 FR 13333, Mar. 26, 1996]

### § 51.103 Criteria and standards.

These standards apply to all programs as indicated in § 51.101.

(a) Measure of external noise environments. The magnitude of the external noise environment at a site is determined by the value of the day-night average sound level produced as the result of the accumulation of noise from all sources contributing to the external noise environment at the site. Day-night average sound level, abbreviated as DNL and symbolized as  $L_{dn}$ , is the 24-hour average sound level, in decibels, obtained after addition of 10 decibels to sound levels in the night from 10 p.m. to 7 a.m. Mathematical expressions for average sound level and day-night average sound level are stated in the Appendix I to this subpart.

(b) Loud impulsive sounds. On an interim basis, when loud impulsive sounds, such as explosions or sonic booms, are experienced at a site, the

day-night average sound level produced by the loud impulsive sounds alone shall have 8 decibels added to it in assessing the acceptability of the site (see Appendix I to this subpart). Alternatively, the C-weighted day-night average sound level ( $L_{Cdn}$ ) may be used without the 8 decibel addition, as indicated in § 51.106(a)(3). Methods for assessing the contribution of loud impulsive sounds to day-night average sound level at a site and mathematical expressions for determining whether a sound is classed as "loud impulsive" are provided in the Appendix I to this subpart.

(c) Exterior standards. (1) The degree of acceptability of the noise environment at a site is determined by the sound levels external to buildings or other facilities containing noise sensitive uses. The standards shall usually

apply at a location 2 meters (6.5 feet) from the building housing noise sensitive activities in the direction of the predominant noise source. Where the building location is undetermined, the standards shall apply 2 meters (6.5 feet) from the building setback line nearest to the predominant noise source. The standards shall also apply at other locations where it is determined that quiet outdoor space is required in an area ancillary to the principal use on the site.

(2) The noise environment inside a building is considered acceptable if: (i) The noise environment external to the building complies with these standards, and (ii) the building is constructed in a manner common to the area or, if of uncommon construction, has at least the equivalent noise attenuation characteristics.

SITE ACCEPTABILITY STANDARDS

	Day-night average sound level (in decibels)	Special approvals and requirements
Acceptable .....	Not exceeding 65 dB(1) .....	None.
Normally Unacceptable .....	Above 65 dB but not exceeding 75 dB .....	Special Approvals (2) Environmental Review (3). Attenuation (4).
Unacceptable .....	Above 75 dB .....	Special Approvals (2). Environmental Review (3). Attenuation (5).

Notes: (1) Acceptable threshold may be shifted to 70 dB in special circumstances pursuant to § 51.105(a).  
 (2) See § 51.104(b) for requirements.  
 (3) See § 51.104(b) for requirements.  
 (4) 5 dB additional attenuation required for sites above 65 dB but not exceeding 70 dB and 10 dB additional attenuation required for sites above 70 dB but not exceeding 75 dB. (See § 51.104(a).)  
 (5) Attenuation measures to be submitted to the Assistant Secretary for CPD for approval on a case-by-case basis.

[44 FR 40861, July 12, 1979, as amended at 49 FR 12214, Mar. 29, 1984]

**§ 51.104 Special requirements.**

(a)(1) Noise attenuation. Noise attenuation measures are those required in addition to attenuation provided by buildings as commonly constructed in the area, and requiring open windows for ventilation. Measures that reduce external noise at a site shall be used wherever practicable in preference to the incorporation of additional noise attenuation in buildings. Building designs and construction techniques that provide more noise attenuation than typical construction may be employed also to meet the noise attenuation requirements.

(2) Normally unacceptable noise zones and unacceptable noise zones. Approvals

in Normally Unacceptable Noise Zones require a minimum of 5 decibels additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 decibels but does not exceed 70 decibels, or a minimum of 10 decibels of additional sound attenuation if the day-night average sound level is greater than 70 decibels but does not exceed 75 decibels. Noise attenuation measures in Unacceptable Noise Zones require the approval of the Assistant Secretary for Community Planning and Development, or the Certifying Officer for activities subject to 24 CFR part 58. (See § 51.104(b)(2).)

## § 51.105

(b) Environmental review requirements. Environmental reviews shall be conducted pursuant to the requirements of 24 CFR parts 50 and 58, as applicable, or other environmental regulations issued by the Department. These requirements are hereby modified for all projects proposed in the Normally Unacceptable and Unacceptable noise exposure zones as follows:

(1) Normally unacceptable noise zone. (i) All projects located in the Normally Unacceptable Noise Zone require a Special Environmental Clearance except an EIS is required for a proposed project located in a largely undeveloped area, or where the HUD action is likely to encourage the establishment of incompatible land use in this noise zone.

(ii) When an EIS is required, the concurrence of the Program Assistant Secretary is also required before a project can be approved. For the purposes of this paragraph, an area will be considered as largely undeveloped unless the area within a 2-mile radius of the project boundary is more than 50 percent developed for urban uses and infrastructure (particularly water and sewers) is available and has capacity to serve the project.

(iii) All other projects in the Normally Unacceptable zone require a Special Environmental Clearance, except where an EIS is required for other reasons pursuant to HUD environmental policies.

(2) Unacceptable noise zone. An EIS is required prior to the approval of projects with unacceptable noise exposure. Projects in or partially in an Unacceptable Noise Zone shall be submitted to the Assistant Secretary for Community Planning and Development, or the Certifying Officer for activities subject to 24 CFR part 58, for approval. The Assistant Secretary or the Certifying Officer may waive the EIS requirement in cases where noise is the only environmental issue and no outdoor noise sensitive activity will take place on the site. In such cases, an environmental review shall be made pursuant to the requirements of 24 CFR parts 50 or 58, as appropriate.

[44 FR 40861, July 12, 1979, as amended at 61 FR 13333, Mar. 26, 1996]

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### § 51.105 Exceptions.

(a) Flexibility for non-acoustic benefits. Where it is determined that program objectives cannot be achieved on sites meeting the acceptability standard of 65 decibels, the Acceptable Zone may be shifted to  $L_{dn}$  70 on a case-by-case basis if all the following conditions are satisfied:

(1) The project does not require an Environmental Impact Statement under provisions of § 51.104(b)(1) and noise is the only environmental issue.

(2) The project has received a Special Environmental Clearance and has received the concurrence of the Environmental Clearance Officer.

(3) The project meets other program goals to provide housing in proximity to employment, public facilities and transportation.

(4) The project is in conformance with local goals and maintains the character of the neighborhood.

(5) The project sponsor has set forth reasons, acceptable to HUD, as to why the noise attenuation measures that would normally be required for new construction in the  $L_{dn}$  65 to  $L_{dn}$  70 zone cannot be met.

(6) Other sites which are not exposed to noise above  $L_{dn}$  65 and which meet program objectives are generally not available.

The above factors shall be documented and made part of the project file.

[44 FR 40861, July 12, 1979, as amended at 61 FR 13334, Mar. 26, 1996]

### § 51.106 Implementation.

(a) Use of available data. HUD field staff shall make maximum use of noise data prepared by others when such data are determined to be current and adequately projected into the future and are in terms of the following:

(1) Sites in the vicinity of airports. The noise environment around airports is described sometimes in terms of Noise Exposure Forecasts, abbreviated as NEF or, in the State of California, as Community Noise Equivalent Level, abbreviated as CNEL. The noise environment for sites in the vicinity of airports for which day-night average sound level data are not available may

be evaluated from NEF or CNEL analyses using the following conversions to DNL:

$$\begin{aligned} \text{DNL} &= \text{NEF} + 35 \\ \text{DNL} &= \text{CNEL} \end{aligned}$$

(2) Sites in the vicinity of highways. Highway projects receiving Federal aid are subject to noise analyses under the procedures of the Federal Highway Administration. Where such analyses are available they may be used to assess sites subject to the requirements of this standard. The Federal Highway Administration employs two alternate sound level descriptors: (i) The A-weighted sound level not exceeded more than 10 percent of the time for the highway design hour traffic flow, symbolized as  $L_{10}$ ; or (ii) the equivalent sound level for the design hour, symbolized as  $L_{eq}$ . The day-night average sound level may be estimated from the design hour  $L_{10}$  or  $L_{eq}$  values by the following relationships, provided heavy trucks do not exceed 10 percent of the total traffic flow in vehicles per 24 hours and the traffic flow between 10 p.m. and 7 a.m. does not exceed 15 percent of the average daily traffic flow in vehicles per 24 hours:

$$\begin{aligned} \text{DNL} &= L_{10} \text{ (design hour)} - 3 \text{ decibels} \\ \text{DNL} &= L_{eq} \text{ (design hour)} \text{ decibels} \end{aligned}$$

Where the auto/truck mix and time of day relationships as stated in this section do not exist, the HUD Noise Assessment Guidelines or other noise analysis shall be used.

(3) Sites in the vicinity of installations producing loud impulsive sounds. Certain Department of Defense installations produce loud impulsive sounds from artillery firing and bombing practice ranges. Noise analyses for these facilities sometimes encompass sites that may be subject to the requirements of this standard. Where such analyses are available they may be used on an interim basis to establish the acceptability of sites under this standard. The Department of Defense uses day-night average sound level based on C-weighted sound level, symbolized  $L_{Cdn}$ , for the analysis of loud impulsive sounds. Where such analyses are provided, the 8 decibel addition specified in § 51.103(b), is not required, and the same numerical values of day-night av-

erage sound level used on an interim basis to determine site suitability for non-impulsive sounds apply to the  $L_{Cdn}$ .

(4) Use of areawide acoustical data. HUD encourages the preparation and use of areawide acoustical information, such as noise contours for airports. Where such new or revised contours become available for airports (civil or military) and military installations they shall first be referred to the HUD State Office (Environmental Officer) for review, evaluation and decision on appropriateness for use by HUD. The HUD State Office shall submit revised contours to the Assistant Secretary for Community Planning and Development for review, evaluation and decision whenever the area affected is changed by 20 percent or more, or whenever it is determined that the new contours will have a significant effect on HUD programs, or whenever the contours are not provided in a methodology acceptable under § 51.106(a)(1) or in other cases where the HUD State Office determines that Headquarters review is warranted. For other areawide acoustical data, review is required only where existing areawide data are being utilized and where such data have been changed to reflect changes in the measurement methodology or underlying noise source assumptions. Requests for determination on usage of new or revised areawide data shall include the following:

(i) Maps showing old, if applicable, and new noise contours, along with brief description of data source and methodology.

(ii) Impact on existing and prospective urbanized areas and on development activity.

(iii) Impact on HUD-assisted projects currently in processing.

(iv) Impact on future HUD program activity. Where a field office has determined that immediate approval of new areawide data is necessary and warranted in limited geographic areas, the request for approval should state the circumstances warranting such approval. Actions on proposed projects shall not be undertaken while new areawide noise data are being considered for HUD use except where the proposed location is affected in the same

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manner under both the old and new noise data.

(b) Site assessments. Compliance with the standards contained in §51.103(c) shall, where necessary, be determined using noise assessment guidelines, handbooks, technical documents and procedures issued by the Department.

(c) Variations in site noise levels. In many instances the noise environment will vary across a site, with portions of the site being in an Acceptable noise environment and other portions in a Normally Unacceptable noise environment. The standards in §51.103(c) shall apply to the portions of a building or buildings used for residential purposes and for ancillary noise sensitive open spaces.

(d) Noise measurements. Where noise assessments result in a finding that the site is borderline or questionable, or is controversial, noise measurements may be performed. Where it is determined that noise measurements are required, such measurements will be conducted in accordance with methods and measurement criteria established by the Department. Locations for noise measurements will depend on the location of noise sensitive uses that are nearest to the predominant noise source (see §51.103(c)).

(e) Projections of noise exposure. In addition to assessing existing exposure, future conditions should be projected. To the extent possible, noise exposure shall be projected to be representative of conditions that are expected to exist at a time at least 10 years beyond the date of the project or action under review.

(f) Reduction of site noise by use of berms and/or barriers. If it is determined by adequate analysis that a berm and/or barrier will reduce noise at a housing site, and if the barrier is existing or there are assurances that it will be in place prior to occupancy, the environmental noise analysis for the site may reflect the benefits afforded by the berm and/or barrier. In the environmental review process under §51.104(b), the location height and design of the berm and/or barrier shall be evaluated to determine its effectiveness, and impact on design and aesthetic quality, circulation and other environmental factors.

[44 FR 40861, July 12, 1979, as amended at 61 FR 13334, Mar. 26, 1996]

**APPENDIX I TO SUBPART B OF PART 51—  
DEFINITION OF ACOUSTICAL QUANTITIES**

1. Sound Level. The quantity in decibels measured with an instrument satisfying requirements of American National Standard Specification for Type 1 Sound Level Meters S1.4-1971. Fast time-averaging and A-frequency weighting are to be used, unless others are specified. The sound level meter with the A-weighting is progressively less sensitive to sounds of frequency below 1,000 hertz (cycles per second), somewhat as is the ear. With fast time averaging the sound level meter responds particularly to recent sounds almost as quickly as does the ear in judging the loudness of a sound.

2. Average Sound Level. Average sound level, in decibels, is the level of the mean-square A-weighted sound pressure during the stated time period, with reference to the square of the standard reference sound pressure of 20 micropascals.

Day-night average sound level, abbreviated as DNL, and symbolized mathematically as  $L_{dn}$  is defined as:

$$L_{dn} = 10 \log_{10} \left[ \frac{1}{86400} \left( \int_{0000}^{0700} 10^{[L_A(t)+10]/10} dt + \int_{0700}^{2200} 10^{L_A(t)/10} dt + \int_{2200}^{2400} 10^{[L_A(t)+10]/10} dt \right) \right]$$

Time t is in seconds, so the limits shown in hours and minutes are actually interpreted in seconds.  $L_A(t)$  is the time varying value of

A-weighted sound level, the quantity in decibels measured by an instrument satisfying requirements of American National Standard

Specification for Type 1 Sound Level Meters S1.4-1971.

3. Loud Impulsive Sounds. When loud impulsive sounds such as sonic booms or explosions are anticipated contributors to the noise environment at a site, the contribution to day-night average sound level produced by the loud impulsive sounds shall have 8 decibels added to it in assessing the acceptability of a site.

A loud impulsive sound is defined for the purpose of this regulation as one for which:

(i) The sound is definable as a discrete event wherein the sound level increases to a maximum and then decreases in a total time interval of approximately one second or less to the ambient background level that exists without the sound; and

(ii) The maximum sound level (obtained with slow averaging time and A-weighting of a Type 1 sound level meter whose characteristics comply with ANSI S1.4-1971) exceeds the sound level prior to the onset of the event by at least 6 decibels; and

(iii) The maximum sound level obtained with fast averaging time of a sound level meter exceeds the maximum value obtained with slow averaging time by at least 4 decibels.

[44 FR 40861, July 12, 1979; 49 FR 10253, Mar. 20, 1984; 49 FR 12214, Mar. 29, 1984]

### **Subpart C—Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature**

AUTHORITY: 42 U.S.C. 3535(d).

SOURCE: 49 FR 5103, Feb. 10, 1984, unless otherwise noted.

#### **§ 51.200 Purpose.**

The purpose of this subpart C is to:

(a) Establish safety standards which can be used as a basis for calculating acceptable separation distances (ASD) for HUD-assisted projects from specific, stationary, hazardous operations which store, handle, or process hazardous substances;

(b) Alert those responsible for the siting of HUD-assisted projects to the inherent potential dangers when such projects are located in the vicinity of such hazardous operations;

(c) Provide guidance for identifying those hazardous operations which are most prevalent;

(d) Provide the technical guidance required to evaluate the degree of danger anticipated from explosion and thermal radiation (fire); and

(e) Provide technical guidance required to determine acceptable separation distances from such hazards.

[49 FR 5103, Feb. 10, 1984, as amended at 61 FR 13334, Mar. 26, 1996]

#### **§ 51.201 Definitions.**

The terms Department and Secretary are defined in 24 CFR part 5.

Acceptable separation distance (ASD)—means the distance beyond which the explosion or combustion of a hazard is not likely to cause structures or individuals to be subjected to blast overpressure or thermal radiation flux levels in excess of the safety standards in § 51.203. The ASD is determined by applying the safety standards established by this subpart C to the guidance set forth in HUD Guidebook, "Siting of HUD-Assisted Projects Near Hazardous Facilities."

**ATTACHMENT C**

*National Plan of Integrated Airport Systems*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



## Federal Aviation Administration

# National Plan of Integrated Airport Systems (NPIAS (National Plan of Integrated Airport Systems)) Airports

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The National Plan of Integrated Airport Systems (NPIAS (National Plan of Integrated Airport Systems)) identifies nearly 3,400 existing and proposed airports that are significant to national air transportation and thus eligible to receive Federal grants under the Airport Improvement Program (AIP (Airport Improvement Program)) ([www.faa.gov/airports/aip/](http://www.faa.gov/airports/aip/)). It also includes estimates of the amount of AIP money needed to fund infrastructure development projects that will bring these airports up to current design standards and add capacity to congested airports. The FAA is required to provide Congress with a 5-year estimate of AIP eligible development every two years.

The NPIAS contains all commercial service airports, all reliever airports, and selected general aviation airports.

- Current NPIAS Report  
([www.faa.gov/airports/planning\\_capacity/npias/reports/](http://www.faa.gov/airports/planning_capacity/npias/reports/)) (updated 10/21/2016)
- Previous NPIAS Reports  
([www.faa.gov/airports/planning\\_capacity/npias/reports/historical/](http://www.faa.gov/airports/planning_capacity/npias/reports/historical/))

## Evaluating the Formulation of the NPIAS

This report was submitted to Congress by the Secretary of Transportation on November 4, 2015, in accordance with section 155 of the FAA Modernization and Reform Act (FMRA) of 2012, Pub. L. No. 112-95. The FAA was directed to study the formulation of the NPIAS and evaluate six specific issues.

This report documents the findings and provides policy considerations for each issue. Each chapter of the report corresponds to a section in the legislation, with the exception of chapter 2, which addresses the matters identified in sections 155(b)(2) and (b)(3) of the FMRA. At the end of each chapter is a list of findings and policy considerations.

- Evaluating the Formulation of the National Plan of Integrated Airport Systems (NPIAS) ([www.faa.gov/airports/planning\\_capacity/npias/media/evaluating-formulation-npias-report-to-congress.pdf](http://www.faa.gov/airports/planning_capacity/npias/media/evaluating-formulation-npias-report-to-congress.pdf)) (PDF)

## Contact Us

- [Ask a question about the NPIAS](#)

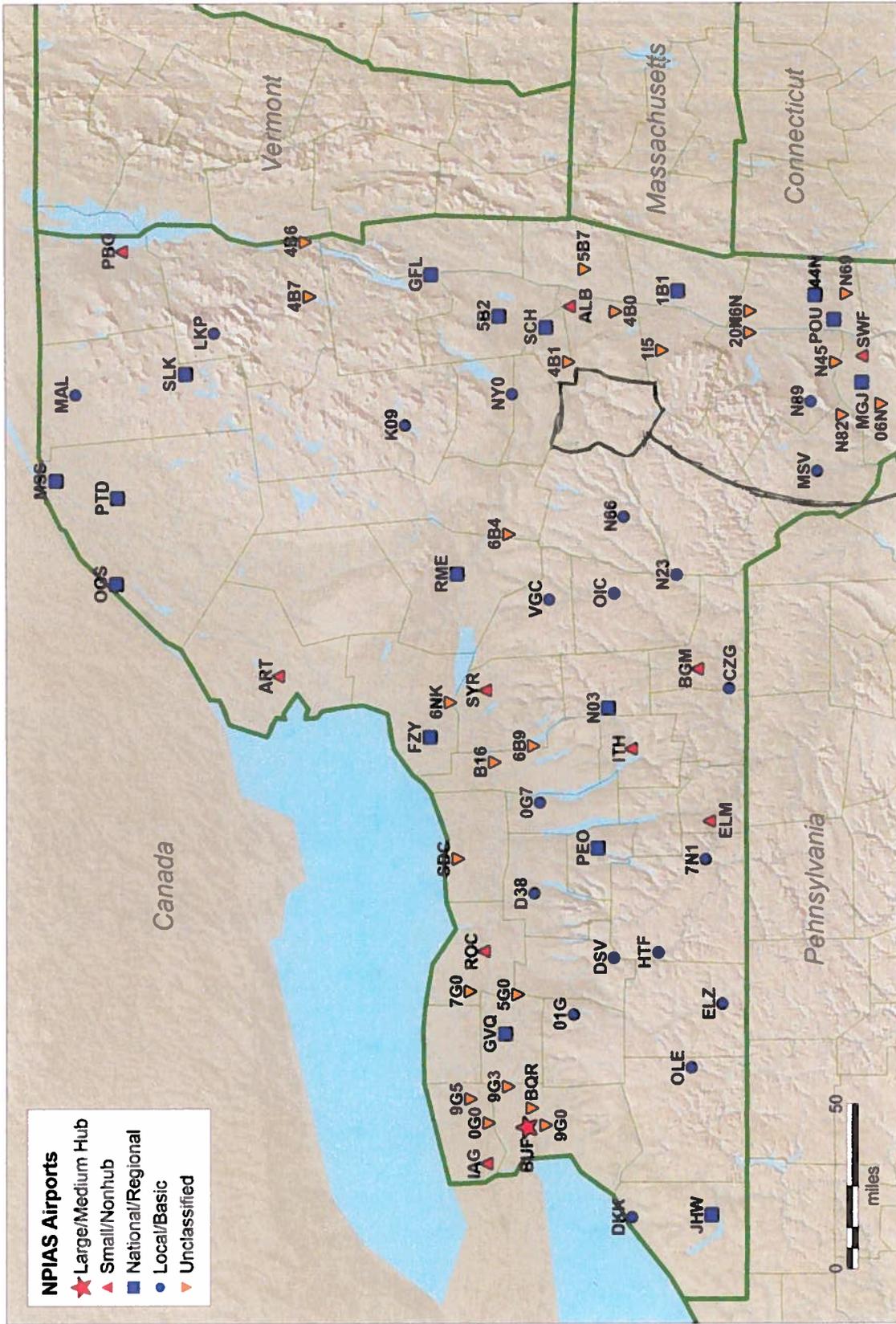
## See also ...

- [Airport Categories](#)  
[\(www.faa.gov/airports/planning\\_capacity/passenger\\_allcargo\\_stats/categories/\)](http://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats/categories/)
- [Field Formulation of the National Plan of Integrated Airport Systems \(NPIAS\). Order 5090.3C](#)  
[\(www.faa.gov/regulations\\_policies/orders\\_notices/index.cfm/go/document/information/documentID/12754\)](http://www.faa.gov/regulations_policies/orders_notices/index.cfm/go/document/information/documentID/12754)
- [General Aviation Airports: A National Asset](#)  
[\(www.faa.gov/airports/planning\\_capacity/ga\\_study/\)](http://www.faa.gov/airports/planning_capacity/ga_study/)

Page last modified: October 21, 2016 12:26:09 PM EDT

This page was originally published at: [https://www.faa.gov/airports/planning\\_capacity/npias/](https://www.faa.gov/airports/planning_capacity/npias/)

# New York (Western and Upstate)



**ATTACHMENT D**

*FAA Listed-Joint Civilian/Military (Joint-Use) Airports*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



# Joint Civilian/Military (Joint-Use) Airports Airports

---

FAA also works with the military departments on the joint-use\* of existing military airports when a civil sponsor wants to use the military airfield.

## Joint-Use Military Airfields

### Air Force

- [AF Plant 42, Palmdale, CA](#)
- [Charleston AFB, Charleston, SC](#)
- [Dover AFB, Dover, DE](#)
- [Eglin AFB, Valparaiso, FL](#)
- [Grissom AFB, Peru, IN](#)
- [Kelly/Lackland AFB, San Antonio, TX](#)
- [March ARB, Riverside, CA](#)
- [Scott AFB \(Mid America\), Belleville, IL](#)
- [Sheppard AFB, Wichita Falls, TX \(http://www.sheppard.af.mil/\)](http://www.sheppard.af.mil/)
- [Westover ARB, Chicopee, MA](#)

### Army

- [Blackstone AAF \(Ft. Pickett\), VA](#)
- [Camp Guernsey AAF, Guernsey, WY  
\(%20http://www.gcr1.com/5010WEB/airport.cfm?Site=GUR\)](http://www.gcr1.com/5010WEB/airport.cfm?Site=GUR)
- [Dillingham AAF, Waiialua, HI \(http://hawaii.gov/hnl/airport-information/dillingham-air-field\)](http://hawaii.gov/hnl/airport-information/dillingham-air-field)
- [Forney AAF \(Fort Leonard Wood\), MO](#)
- [Robert Gray AAF, Ft. Hood/Killeen, TX](#)
- [Grayling AAF, \(Camp Grayling\), MI](#)
- [Libby AAF \(Ft. Huachuca\), Sierra Vista, AZ](#)
- [Sherman AAF, \(Ft. Leavenworth\), KS](#)
- [Sparta/Fort McCoy \(Sparta\), WI](#)
- [Wright AAF \(Fort Stewart\) Midcoast Rgnl, Ft Stewart/Hinesville, GA](#)

### Navy

- [MCAS Yuma, Yuma, AZ](#)

**\*Joint-Use Airport:** The term "joint-use airport" means an airport owned by the Department of Defense, at which both military and civilian aircraft make shared use of the airfield.

Page last modified: December 01, 2015 2:30:32 PM EST

This page was originally published at: [https://www.faa.gov/airports/planning\\_capacity/joint\\_use\\_airports/](https://www.faa.gov/airports/planning_capacity/joint_use_airports/)

**ATTACHMENT E**

*U.S. Department of Defense Air Force Military Installations*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

# MilitaryINSTALLATIONS

Select a branch of service to view a directory of installations.

[Army](#)
[Marine Corps](#)
[Navy](#)
[Air Force](#)
[Coast Guard](#)
[Defense Logistics Agency](#)
[State Department](#)

## United States Air Force

### In the United States

### Overseas

<b>Alabama</b>	<a href="#">Maxwell AFB and Gunter Annex</a>
<b>Alaska</b>	<a href="#">Eielson AFB</a> <a href="#">Joint Base Elmendorf - Richardson JBER</a>
<b>Arizona</b>	<a href="#">Davis-Monthan AFB</a> <a href="#">Luke AFB</a>
<b>Arkansas</b>	<a href="#">Little Rock AFB</a>
<b>Armed Forces Europe, Middle East, Africa</b>	<a href="#">Ankara</a> <a href="#">Lajes Field</a>
<b>California</b>	<a href="#">Beale AFB</a> <a href="#">Edwards AFB</a> <a href="#">Los Angeles AFB</a> <a href="#">March ARB</a> <a href="#">Travis Air Force Base</a> <a href="#">Vandenberg AFB</a>
<b>Colorado</b>	<a href="#">Buckley AFB</a> <a href="#">Peterson AFB</a> <a href="#">Schriever AFB</a> <a href="#">USAF Academy</a>
<b>Delaware</b>	<a href="#">Dover AFB</a>
<b>District Of Columbia</b>	<a href="#">Joint Base Anacostia-Bolling</a> <a href="#">Pentagon - Air Force</a>
<b>Florida</b>	<a href="#">Eglin AFB</a> <a href="#">Hurlburt Field</a> <a href="#">MacDill AFB</a> <a href="#">Patrick AFB</a> <a href="#">Tyndall AFB</a>
<b>Georgia</b>	<a href="#">Moody AFB</a> <a href="#">Robins AFB</a>
<b>Hawaii</b>	<a href="#">Joint Base Pearl Harbor - Hickam</a>
<b>Idaho</b>	<a href="#">Mountain Home AFB</a>
<b>Illinois</b>	<a href="#">Scott Air Force Base</a>
<b>Kansas</b>	<a href="#">McConnell AFB</a>
<b>Louisiana</b>	<a href="#">Barksdale Air Force Base</a>
<b>Maryland</b>	<a href="#">Air National Guard (ANG)</a> <a href="#">Joint Base Andrews-Naval Air Facility Washington</a>
<b>Massachusetts</b>	<a href="#">Hanscom AFB</a> <a href="#">Westover ARB</a>
<b>Mississippi</b>	<a href="#">Columbus AFB</a> <a href="#">Keesler AFB</a>
<b>Missouri</b>	<a href="#">Whiteman AFB</a>
<b>Montana</b>	<a href="#">Malmstrom Air Force Base</a>
<b>Nebraska</b>	<a href="#">Offutt AFB</a>
<b>Nevada</b>	<a href="#">Creech AFB</a> <a href="#">Nellis AFB</a>
<b>New Hampshire</b>	<a href="#">Pease ANGB</a>
<b>New Jersey</b>	<a href="#">Joint Base McGuire-Dix-Lakehurst</a>
<b>New Mexico</b>	<a href="#">Cannon AFB</a> <a href="#">Holloman AFB</a>

<b>Australia</b>	<a href="#">Canberra</a>
<b>Belgium</b>	<a href="#">Kleine Brogel Air Base</a>
<b>Germany</b>	<a href="#">Buechel Air Base</a> <a href="#">Geilenkirchen NATO Air Base</a> <a href="#">Kalkar - U.S. Air Force Element</a> <a href="#">Ramstein AB</a> <a href="#">Spangdahlem AB</a>
<b>Hungary</b>	<a href="#">Papa Air Base</a>
<b>Italy</b>	<a href="#">Aviano Air Base</a> <a href="#">Ghedi Air Base</a>
<b>Japan</b>	<a href="#">Kadena AB</a> <a href="#">Misawa AB</a> <a href="#">Yokota AB</a>
<b>Korea, Republic Of</b>	<a href="#">Kunsan AB</a> <a href="#">Osan Air Base</a>
<b>Netherlands</b>	<a href="#">Volkel Air Base</a>
<b>Norway</b>	<a href="#">Stavanger</a>
<b>Spain</b>	<a href="#">Moron AB</a>
<b>Turkey</b>	<a href="#">Incirlik AB</a> <a href="#">Izmir AS</a>
<b>United Kingdom</b>	<a href="#">RAF Alconbury, RAF Molesworth</a> <a href="#">RAF Croughton, RAF Fairford</a> <a href="#">RAF Lakenheath</a> <a href="#">RAF Mildenhall</a>

<b>North Carolina</b>	<a href="#">Kirtland Air Force Base</a> <a href="#">Pope Army Airfield</a> <a href="#">Seymour Johnson AFB</a>
<b>North Dakota</b>	<a href="#">Grand Forks AFB</a> <a href="#">Minot AFB</a>
<b>Ohio</b>	<a href="#">Wright-Patterson AFB</a>
<b>Oklahoma</b>	<a href="#">Altus AFB</a> <a href="#">Tinker AFB</a> <a href="#">Vance AFB</a>
<b>South Carolina</b>	<a href="#">169th Fighter Wing, McEntire Joint National Guard Base</a> <a href="#">Joint Base Charleston</a> <a href="#">Shaw Air Force Base</a>
<b>South Dakota</b>	<a href="#">Ellsworth Air Force Base</a>
<b>Tennessee</b>	<a href="#">Arnold AFB</a>
<b>Texas</b>	<a href="#">Dyess AFB</a> <a href="#">Goodfellow AFB</a> <a href="#">Joint Base San Antonio (Lackland, Randolph, Sam Houston)</a> <a href="#">Laughlin AFB</a> <a href="#">Sheppard AFB</a>
<b>Utah</b>	<a href="#">Hill AFB</a>
<b>Virginia</b>	<a href="#">Joint Base Langley-Eustis</a>
<b>Washington</b>	<a href="#">Fairchild AFB</a> <a href="#">Joint Base Lewis-McChord</a>
<b>Wyoming</b>	<a href="#">F. E. Warren AFB</a>

**ATTACHMENT F**

*NYS DOT Highway Traffic Counts in Richmondville, NY*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



- Legend**
- Average Daily Traffic, 2015
- 1 - 1500
  - 1501 - 4000
  - 4001 - 10000
  - 10001 - 25000
  - 25001 - 75000
  - 75001 - 300000
  - No Data

1: 4,513 



WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Latitude Geographics Group Ltd.

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

**ATTACHMENT G**

*Railway Noise Worksheet D*

**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**

**Railway Noise  
Data Sheet**

**Noise Assessment Guidelines**

List All Railways within 3000 feet of the site:

Notes

1. Norfolk Southern Railway
2. \_\_\_\_\_
3. \_\_\_\_\_

**Necessary Information**

	Railway No. 1	Railway No. 2	Railway No. 3	
1. Effective distance:	<u>1,113 ft</u>	_____	_____	Measured in feet from NAL to center of track
2. Number of Trains in 24 hours:				
a. diesel	<u>12</u>	_____	_____	
b. electrified	<u>0</u>	_____	_____	
3. Fraction of operations occurring at night:	<u>.15</u>	_____	_____	10 p.m. - 7a.m.
4. Number of diesel locomotives per train:	<u>1-5</u>	_____	_____	
5. Number of rail cars per train:				
a. diesel trains	<u>100-150</u>	_____	_____	
b. electrified trains	<u>N/A</u>	_____	_____	Include locomotive for electrified trains
6. Average train speed:	<u>40 mph</u>	_____	_____	
7. Is track welded or bolted?	<u>Welded</u>	_____	_____	
8. Is the site opposite a section of tracks between whistle stops?	<u>Yes</u>	_____	_____	

**Railway Noise  
Computations and Findings**

**Noise Assessment Guidelines**

**Adjustments for Diesel Locomotives**

	9 No. of Locomotives 2	10 Average Speed (Table 9)	11 Horns (Enter 10)	12 Night- time (Table 5)	13 No. of Trains (Line 2a)	14 Adj. No of Opns.	15 DNL (Workchart 3)	16 Barrier Attn.	17 Partial DNL
Railway No. 1	2	.75	10	1.0	12	= 180	61	- 0	= 61
Railway No. 2						=		-	=
Railway No. 3						=		-	=

**Adjustments for Railway Cars or Rapid Transit Trains and Electric Locomotives**

	18 Horns on Electric Trains only (Enter 100)	19 Number of cars 50	20 Average Speed (Table 10)	21 Bolted Rails (Enter 4) Welded (Enter 1)	22 Night- time (Table 5)	23 No. of Trains (Lines 2a and 2b)	24 Adj. No of Opns.	25 DNL (Workchart 4)	26 Barrier Attn.	27 Partial DNL
Railway No. 1	1	2.5	1.78	1	1.0	12	= 53.4	<50	- 0	= <50
Railway No. 2							=		-	=
Railway No. 3							=		-	=

**Combined Locomotive and Railway Car DNL (See combining noise levels table for procedures)**

Partial DNL Railway No. 1	61.4	Partial DNL Railway No. 2		Partial DNL Railway No. 3		Partial DNL Total DNL for all Railways	
------------------------------	------	------------------------------	--	------------------------------	--	---	--

Signed  Date 3/16/17

**ATTACHMENT H**

*NYS DOT Active Railroads in New York - 2016*

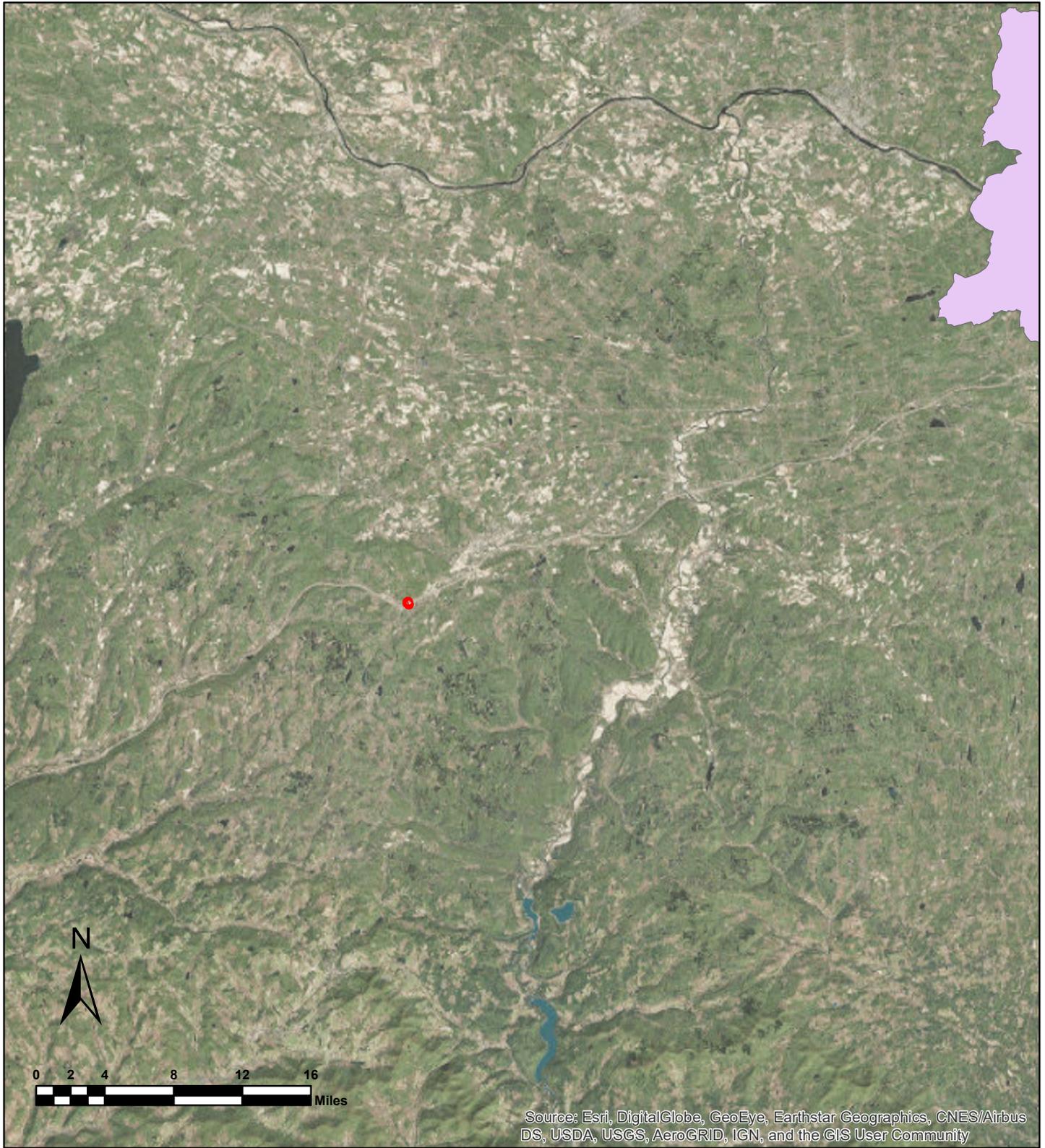
**Noise Assessment**

**Candlewood Court I & II**

**Village of Richmondville, New York 12149**



## Appendix L – Sole Source Aquifer



**Legend**

-  *Project Area*
-  *Schenectady-Niskayuna SSA*

**Sole Source Aquifers**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**

## Appendix M – Wetlands



March 13, 2017

Lori A. Shirley  
Director, Bureau of Environmental Review and Assessment  
Governor's Office of Storm Recovery  
NYS Homes and Community Renewal  
[Lori.Shirley@nyshcr.org](mailto:Lori.Shirley@nyshcr.org)

**RE: Environmental Review FUL  
Candlewood Court I & II**

Dear Ms. Shirley:

Regarding wetlands from the Environmental Review FUL:

Per state and federal wetland mapping, there is no wetlands located on the property of the proposed project. We hereby certify that the project will not impact any state or federal wetlands. See attached mapping for reference.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'D Cox', is positioned above the typed name.

David Cox, PE  
Project Engineer

DC:paf



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

February 8, 2017

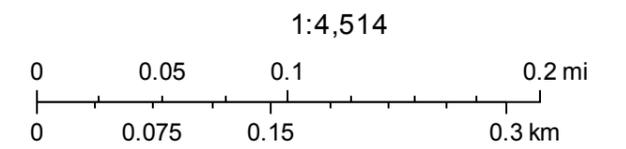
- |   |                                |   |                                   |   |          |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Forested/Shrub Wetland |  | Other    |
|  | Estuarine and Marine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

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.

# RICHMONDVILLE

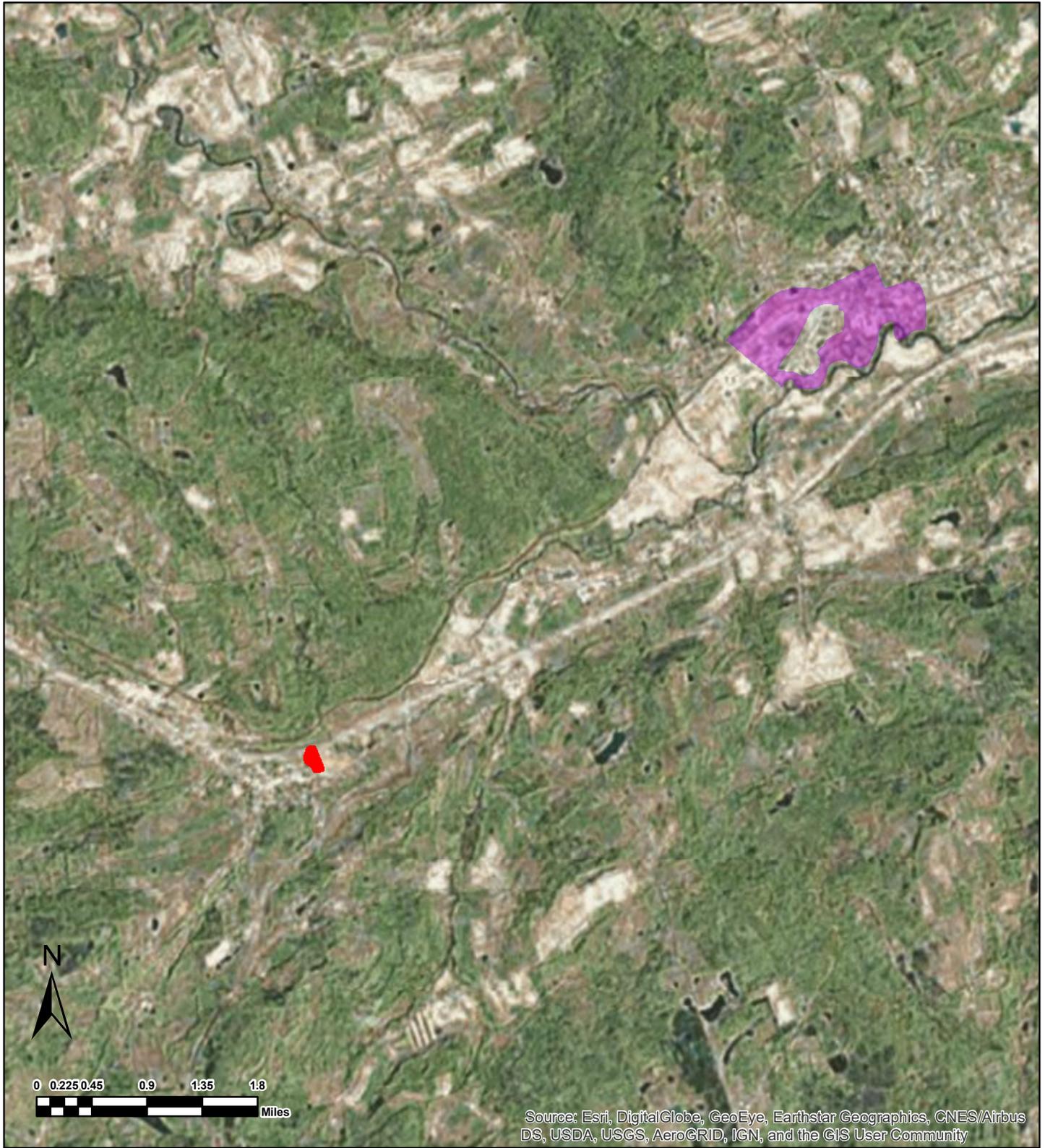


March 3, 2017



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Appendix N – Environmental Justice



**Legend**

-  **Project Area**
-  **Environmental Justice Areas**

**Environmental Justice Areas**  
**Candlewood Courts Affordable Housing Project**  
**Davis Lane and East Main Street**  
**Richmondville, Schoharie County, NY**

## Appendix O – Capacity Letters

Names and Locations of Public Schools Serving Candlewood Court I & II

Cobleskill-Richmondville Central School District

Radez Elementary School

319 Main Street,  
Richmondville, NY 12149

Ryder Elementary School

143 Golding Drive  
Cobleskill, NY 12043

Golding Middle School

193 Golding Drive  
Cobleskill, NY 12043

Cobleskill-Richmondville High School

1353 State Rt. 7  
Richmondville, NY 12149

RECEIVED  
FEB 20 2017



BY: .....

**COBLESKILL-RICHMONDVILLE CENTRAL SCHOOL DISTRICT**

155 Washington Avenue, Cobleskill, New York 12043 • (518) 234-4032 • (518) 234-7721 fax

Office of the  
Superintendent of Schools

Carl J. Mummenthey  
Superintendent

February 13, 2017

Diana Jakimoski  
Housing Visions Consultants, Inc.  
1201 E. Fayette St, Suite 26  
Syracuse, NY 13210

Re: School District Capacity to Serve Potential Students from Candlewood Court I & II

Dear Ms. Jakimoski,

As Superintendent of the Cobleskill-Richmondville School District I am writing to inform you that the District has adequate capacity in our schools for the estimated 14 to 28 additional students that the Candlewood Courts projects may bring to the District.

Thank you for your efforts to develop our communities. We look forward to following the progress of Candlewood Courts.

Sincerely,

Carl J. Mummenthey  
Superintendent of Schools

Pc: K. Neary

**The Board of Education**

Bruce L. Tryon, President • Steven H. Philbrick, Vice President  
Melissa A. Bartlett • Mary E. Black • Margaret J. Pryor • Daniel B. Schulte • Susan E. Strasser

RICHMONDVILLE VOLUNTEER EMERGENCY SQUAD

PO BOX 11, 388 MAIN STREET

RICHMONDVILLE, NEW YORK 12149

518-294-8888

March 24, 2017

Diana Jakimoski  
Housing Visions Consultants, Inc.  
1201 E. Fayette St, Suite 26  
Syracuse, NY 13210

Re: Candlewood Court I & II  
Richmondville, NY  
Village of Richmondville EMT

Dear Ms. Jakimoski,

The Village of Richmondville Emergency Squad will be able to adequately service the Candlewood Court I & II project upon its completion.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Bennett", with a date "3/24/17" written at the end of the signature.

Scott Bennett

February 24, 2017

Diana Jakimoski  
Housing Visions Consultants, Inc.  
1201 E. Fayette St.  
Syracuse, NY 13219

Re: Candlewood Court I & II  
Richmondville, NY

Dear Diana,

We have adequate supply and capacity for both water and wastewater. Current safe yield for the WTP is .150MGD and we are currently averaging .080MGD.

Our limit for wastewater is .200MGD and we are treating approximately .070MGD.

This will allow for more than adequate capacity for the development of Candlewood Court I & II.

Jim Swartout  
DPW Superintendent



49 Lower River St | Oneonta, NY 13820  
office. (607) 432-5351 fax. (607) 432-1879

February 20, 2017

Housing Visions  
1201 E. Fayette St., Suite 26  
Syracuse, NY 13210

Re: Candlewood Court I & II, Richmondville, NY  
Solid Waste Disposal/Recycling Site Capacity

To Housing Visions:

We at Casella Waste Systems, Inc. thank you for your interest in our services. We appreciate you as a customer and our on-going relationship.

I am writing to inform you that at Casella Waste Systems, Inc. **will** be able to adequately service the Candlewood Court I & II project, both during construction and upon its completion with regards to solid waste disposal. A copy of our New York State DEC permit is attached.

Additionally, we are able to provide recycling services both during construction and upon its completion.

Please contact me with any questions.

Sincerely

Karey Foster  
Operations Analyst  
Casella Resource Solutions  
49 Lower River Street  
Oneonta, NY 13820  
607-221-2880  
Karey.foster@casella.com



**PART 364**  
**WASTE TRANSPORTER PERMIT NO. 4A-539**

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

**PERMIT ISSUED TO:**

CASELLA WASTE SYSTEMS  
49 LOWER RIVER STREET  
ONEONTA, NY 13820

**PERMIT TYPE:**

- NEW
- RENEWAL
- MODIFICATION

CONTACT NAME: MELONDA O'BRYAN  
COUNTY: OTSEGO  
TELEPHONE NO: (607)431-9409

EFFECTIVE DATE: 10/18/2017  
EXPIRATION DATE: 10/17/2018  
US EPA ID NUMBER:

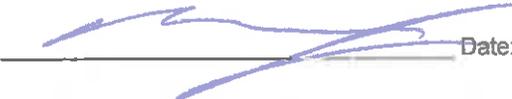
**AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:**

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
Chemung County Sanitary Landfill	Chemung , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Sludge from Sewage or Water Supply Treatment Plant	
Delaware County SWMF	Walton , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Tires Sludge from Sewage or Water Supply Treatment Plant	
Hyland Landfill	Angelica , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Sludge from Sewage or Water Supply Treatment Plant	
Oneonta Transfer Station	Oneonta , NY	Waste Tires	
Ontario County Sanitary Landfill	Stanley , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Sludge from Sewage or Water Supply Treatment Plant	
Schoharie Transfer Station	Howes Cave , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Septage only (residential) Sludge from Sewage or Water Supply Treatment Plant	

**NOTE:** By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS: New York State Department of Environmental Conservation  
Division of Materials Management - Waste Transporter Program  
625 Broadway, 9th Floor  
Albany, NY 12233-7251

AUTHORIZED SIGNATURE:  Date: 09/19/16

**NOTICE**

This renewed permit is not valid until the effective date listed on the permit.

# WASTE TRANSPORTER PERMIT

## GENERAL CONDITIONS

### The permittee must:

1. Carry a copy of this waste transporter permit in each vehicle to transport waste. Failure to produce a copy of the permit upon request is a violation of the permit.
2. Display the full name of the transporter on both sides of each vehicle and display the waste transporter permit number on both sides and rear of each vehicle containing waste. The displayed name and permit number must be in characters at least three inches high and of a color that contrasts sharply with the background.
3. Transport waste only in authorized vehicles. An authorized vehicle is one that is listed on this permit.
4. Submit to the Department a modification application for additions/deletions to the authorized fleet of vehicles. The permittee must wait for a modified permit before operating the vehicles identified in the modification application.
5. Submit to the Department a modification application to add a new waste category or a new destination facility, or to change the current waste or destination facility category. The permittee must wait for a modified permit before transporting new waste types or transporting to new destination facilities.
6. Submit to the Department a modification application for change of address or company name.
7. Comply with requirements for placarding and packaging as set forth in New York State Transportation Law as well as any applicable federal rules and regulations.
8. Contain all wastes in the vehicle so there is no leaking, blowing, or other discharge of waste.
9. Use vehicles to transport only materials not intended for human or animal consumption unless the vehicle is properly cleaned.
10. Comply with requirements for manifesting hazardous waste, regulated medical waste, or low-level radioactive waste as set forth in the New York State Environmental Conservation Law and the implementing regulations. Transporters who provide a pre-printed manifest to a generator/shipper/offeror of regulated waste shall ensure that all information is correct and clearly legible on all copies of the manifest.
11. Deliver waste only to transfer, storage, treatment and disposal facilities authorized to accept such waste. Permittee must demonstrate that facilities are so authorized if requested to do so.
12. Maintain liability insurance as required by New York State Environmental Conservation Law.
13. Maintain records of the amount of each waste type transported to each destination facility on a calendar-year basis. The transporter is obligated to provide a report of this information to the Department at the time of permit renewal, or to any law enforcement officer, if requested to do so.
14. Pay regulatory fees on an annual basis. Non-payment may be cause for revocation or suspension of permit.
15. This permit is not transferrable. A change of ownership will invalidate this permit.
16. This permit does not relieve the permittee from the obligation to obtain any other approvals or permits, or from complying with any other applicable federal, state, or local requirement.
17. **Renewal applications must be submitted no less than 30 days prior to the expiration date of the permit to:**

**New York State Department of Environmental Conservation  
Division of Materials Management, Waste Transporter Program  
625 Broadway, 9<sup>th</sup> Floor  
Albany, NY 12233-7251**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF MATERIALS MANAGEMENT

**PART 364**

**WASTE TRANSPORTER PERMIT NO. 4A-539**

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

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CASELLA WASTE SYSTEMS  
49 LOWER RIVER STREET  
ONEONTA, NY 13820

**PERMIT TYPE:**

- NEW  
 RENEWAL  
 MODIFICATION

CONTACT NAME: MELONDA O'BRYAN  
COUNTY: OTSEGO  
TELEPHONE NO: (607)431-9409

EFFECTIVE DATE: 10/18/2017  
EXPIRATION DATE: 10/17/2018  
US EPA ID NUMBER:

**AUTHORIZED VEHICLES:**

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

7 (Seven) Permitted Vehicle(s)

NY 18829PB  
NY 28579KA  
NY 31142MC  
NY 38350MG  
NY 76919ME  
NY 82332MC  
NY 96254MH  
End of List