

Salt Storage and Cover, Tioga, NY
Environmental Assessment



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

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

April 11, 2016

**Salt Storage and Facility Cover
Tioga, County, NY
Environmental Assessment**

April 11, 2016

Project Name: Salt Storage and Facility Cover

Project Location: 8 Dry Brook Road, Barton, NY

Federal Agency: US Department of Housing and Urban Development

Responsible Entity: New York State Homes and Community Renewal

**Responsible Agency's
Certifying Officer:** Thomas J. King, Assistant General Counsel and Certifying Officer

Project Sponsor: Town of Tioga

Primary Contact:
54 Fifth Avenue
Barton, NY 13434

Project NEPA Classification: 24 CFR 58.36 (Environmental Assessment)

Environmental Finding:	<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.
Certification	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.
Signature	 Thomas J. King

**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 2015 NYS CDBG-DR project, Tioga Salt Storage and Facility Cover 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

Thomas J. King

Assistant General Counsel and Certifying Officer

April 11, 2016

Date

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

The Town of Tioga uses the parcel located at 8 Dry Brook Road, Town of Barton, in Tioga County, New York as a highway salt storage and distribution center (**Figures 1 and 2**). The salt is currently mixed with sand and piled in an open cleared lot on the parcel. The salt/sand pile is covered with a secured tarp when not in use.

The site is approximately 1.4 acres with two small buildings on the north end of the site used for office space and equipment storage and maintenance. Approximately 1.2 acres of open lot is used to store, mix, and load salt for road de-icing. The 1.2-acre open area is 85 percent pervious. The topography of the site is relatively flat with slight slopes to the southeast. The facility does not have access to public water and does not have a well. No wastewater or sewage is generated at the facility. The facility serves solely as a salt storage area.

Adjoining properties include a residence and agricultural property across Dry Brook Road to the east and south; residences and agricultural properties across Halsey Valley Road to the southwest; and residences to the west and north.

During past floods, water flowing through the parcel washed salt away and into neighboring waterways and agricultural property. The Town of Tioga is proposing to construct a salt storage facility and cover (the Project) at this location to mitigate salt loss and the associated impacts to the neighboring waterways and agricultural property from potential salt contamination during future storms and floods.

The Project would include the construction of a premanufactured metal framed structure with a cover approximately 60 feet by 100 feet and approximately 20 feet tall designed to prevent run-off of materials. The building would be set on a concrete slab floor (either poured in place or prefabricated) with concrete walls (**Figure 3**). **Figure 4** shows the current site plan and location of the new building.

The Project would include grading for installation of the foundation control of direction of sheetflow across the site. The construction would disturb up to 1.2 acres of previously disturbed land. As part of the construction plans, site plans, a storm water management plan would be prepared for the facility including diversion of water from the salt storage structure and a retention basin. The basin would be sized to retain stormwater onsite. There are no stormwater sewers.

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 storm-impacted areas of New York State. Although Greene County was not affected by Hurricane Sandy, this storm was the catalyst for 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 such as Greene County that were severely damaged 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 U.S. Department of Housing and Urban Development's (HUD) CDBG-DR program to concentrate aid to four main areas: housing recovery, small business, community reconstruction, and infrastructure. Paired with additional federal funding that was 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.

Hurricane Irene made landfall in New York on August 28, 2011 and produced 6 to 8 inches of rain and heavy winds that knocked down trees and power lines. In some locations, power was out for a week. On September 7, 2011, not long after Hurricane Irene passed through the region, Tropical Storm Lee dropped an additional 11 inches of rain on Tioga County during a 24-hour period. The torrential rains, coupled with saturated grounds and the fact that the Susquehanna River was still swollen from Hurricane Irene, led to record high water levels. Reports indicate that the flood waters in Tioga County associated with Tropical Storm Lee measured 4 feet higher than those reported during the flood of 2006.

The extreme rains associated with these storms caused the Town's unprotected salt supply to wash away, causing potential environmental contamination to nearby surface water and agricultural lands. The proposed project would protect the Town's salt supply and prevent the likelihood of a similar event in the future.

A key strategy for the Tioga County NYCRR Plan is to ensure any new development and redevelopment will be resistant to storm damage. The proposed project of a salt storage facility and cover would help to protect this community from experiencing the devastation caused by Tropical Storm Lee and prevent salt contamination to waterways and agricultural lands. The project would mitigate damage caused by heavy rains in future storms. This project is a key component in the overall flood protection plan for the Town of Tioga.

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

The Town of Tioga's highway salt storage and distribution center occupies a 1.4-acre cleared parcel. There salt and sand is mixed by heavy equipment and the resulting salt/sand pile is covered with a secured tarp when not in use.

During heavy rains sheetwash flooding erodes the salt/sand pile resulting in loss of salt supply and salt contamination of downstream waterways and agricultural lands. The Town experiences a direct financial loss and potential future expenses related to environmental clean-up or mitigation.

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 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: \$460,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$460,000

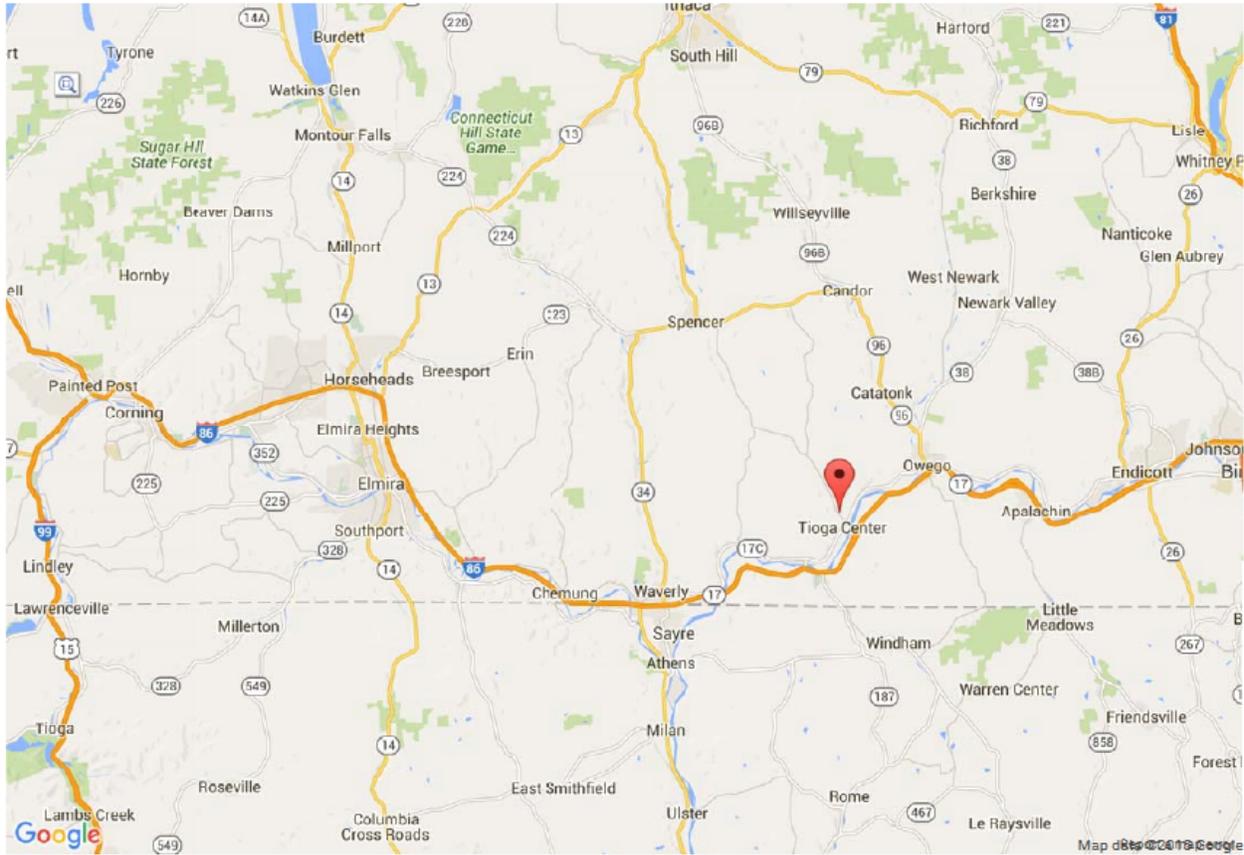
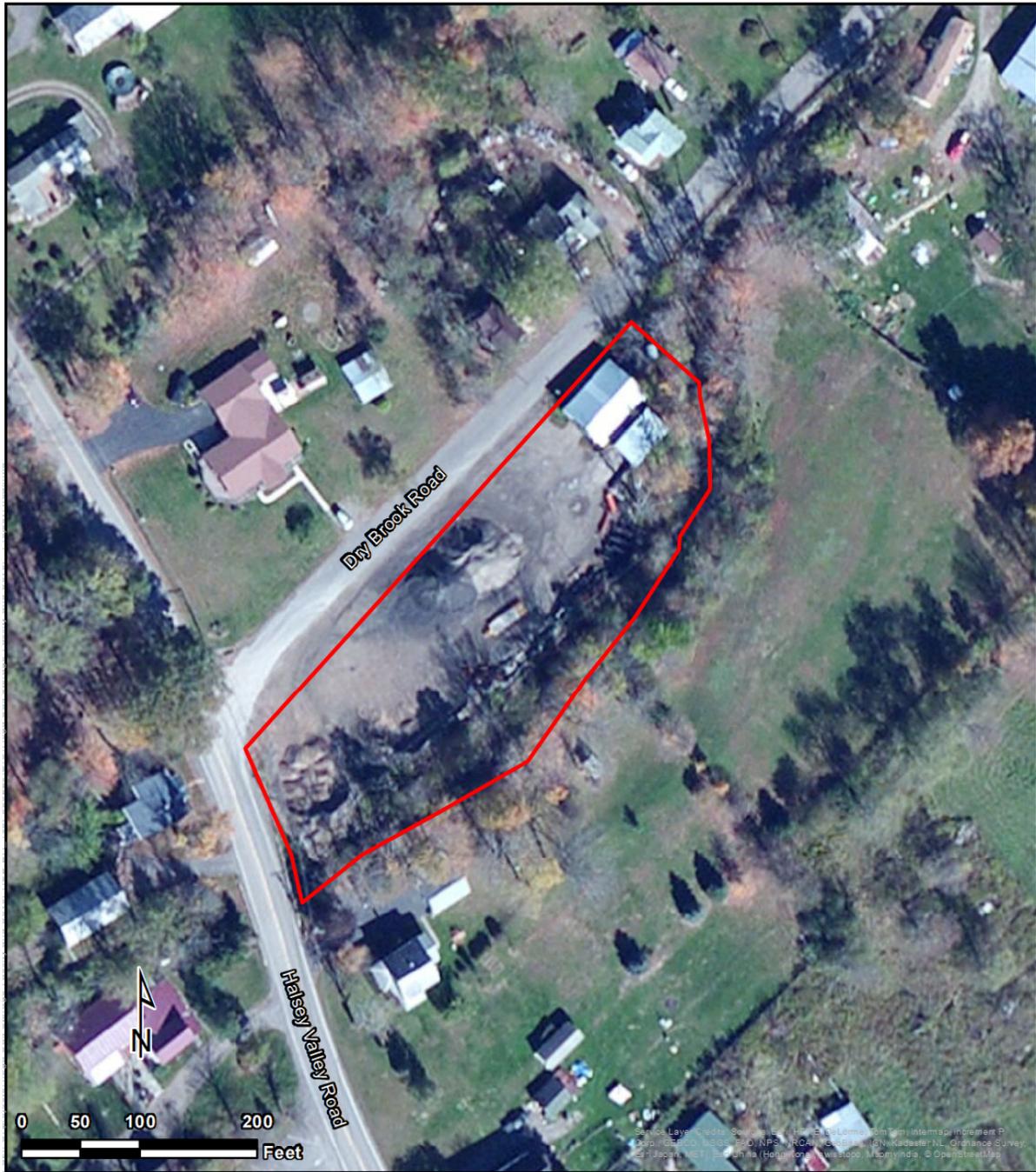


Figure 1. Site Location



Project Area

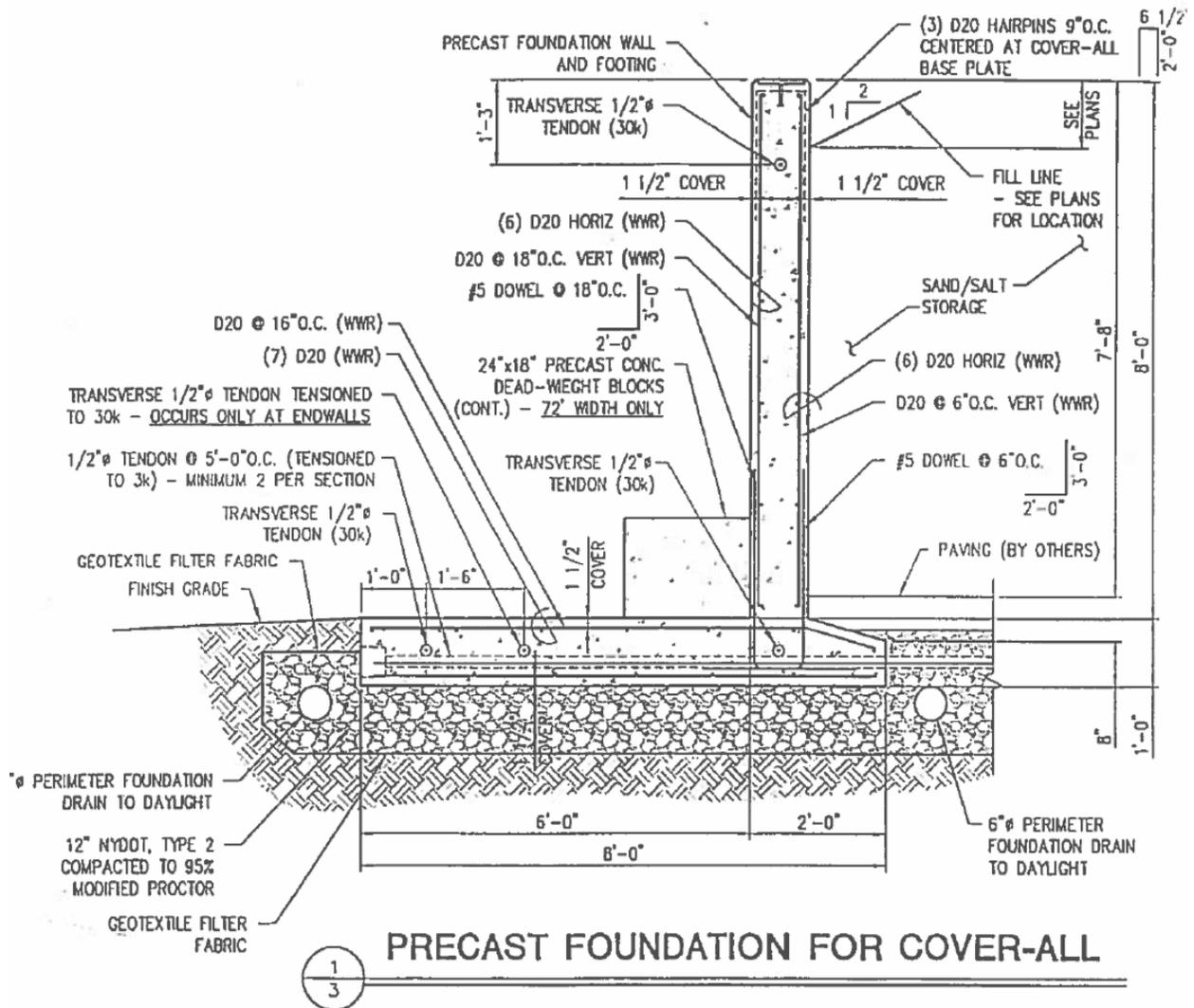
Legend

 Project Area

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York



Figure 2. Aerial View of Project Site.



FOR INFORMATION ONLY

Figure 3. Foundation and Wall Schematic

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 of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 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 or 15,000 feet of a military airport require consultation with the appropriate airport operator or confirmation that the site is not within a designated Runway Protection Zone/Clear Zone (RPZ/CZ). No active civil airports are within 2,500 feet of the Project site. The Project is not within 15,000 feet of any military airport. (See Appendix A , Figures, Airports).
Coastal Barrier Resources 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 Appendix A , Figures, Coastal Boundary Maps). Source: 3, 4
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The Project site is not in a Special Flood Hazard Area (SFHA) Zone AE (areas of 100-year flood where base flood elevation have been determined), as indicated on the

USC 4001-4128 and 42 USC 5154a]		Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 36107C0378E, dated April 17, 2012. (See Appendix B Floodplains). Source: 5
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project area is not included in the most recent listing of nonattainment or maintenance areas for inhalable particulate matter (PM2.5) or 8-hour ozone, as defined by the US Environmental Protection Agency (EPA) Green Book Nonattainment Areas for Criteria Pollutants.</p> <p>The Project would not require an NYS Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit. The Project activities would not substantively affect air quality.</p> <p>The Project is of a size that is consistent with the New York State Implementation Plan (SIP).</p> <p>Implementation of standard best management practices (BMP) would control dust and other emissions during construction. Air quality impacts would be short term and localized. There would be no permanent increases in traffic.</p> <p>Source: 6</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not in a coastal zone as defined by the state's Coastal Zone Management Program. (See Appendix A, Figures, Coastal Boundary Maps).</p> <p>Source: 3, 4</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is developed with an existing salt storage shed and a salt/sand mixing and storage area.</p>

		<p>The Project involves building a cover for the salt/sand mixing and storage area that would reduce any flow of salt offsite during rain events. No hazardous or solid waste storage is evident on the site, and the Project would not expose new populations to hazards or nuisances because no new populations would reside on the Project site and there would be no change in employment.</p> <p>A search of the NYSDEC Bulk Storage Program Database identified five petroleum bulk storage facilities within 1 mile of the Project site. (See Appendix A, Figures, Bulk Storage Facilities). 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 remedial sites within 1 mile of the Project site. (See Appendix A, Figures, Remediation Sites). EPA's NEPAassist mapping tool identified one Resource Conservation and Recovery Act facility within one mile of the Project site. The Project site was not identified in any of the databases searched.</p> <p>Source: 12, 15, 16</p>
<p>Endangered Species</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 US Fish and Wildlife Service (USFWS) online review process, completed January 20, 2016, indicated the threatened northern long-eared bat (<i>Myotis septentrionalis</i>) may occur in the boundary of or may be affected by the Project. No critical habitats were identified in the Project area.</p>

		<p>There would be no tree removal. The Project site is extensively previously disturbed.</p> <p>On January 26, 2016, the USFWS concurred with the data showing there is no potential long-eared bat habitat on-site.</p> <p>The proposed building is 20 feet tall metal walled with no windows, so would not be a hazard to migratory birds.</p> <p>New York Natural Heritage Program Report on Rare Animals, Rare Plants, and Significant Natural Communities dated February 16, 2016, identified no records of rare-or state-listed animals, plants, or significant natural communities in the vicinity of the Project site.</p> <p>(See Appendix C, Endangered Species Consultation Letters)</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project would not introduce housing or sensitive public uses at the site that could be exposed to explosive or flammable hazards. The Project would not introduce new sources of explosive or flammable hazards to the site. No impacts would occur.</p>
<p>Farmlands Protection</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 soils at the Project site are identified as Prime Farmland soils and are also in a New York state agricultural district.</p> <p>Approximately 1.2 acres (86 percent of the 1.4-acre parcel) of Prime Farmland soils would be disturbed. The Project falls under the small acreage exemption of 3 acres or less because the area of disturbance is limited to 1.2 acres. According to Part 523.11 E of the Farmland Protection Policy Act (FPPA) Manual, an AD 1006 is not required for this Project and it is exempt.</p> <p>(See Appendix D, Soils, and Appendix A, Figures, Agricultural Districts).</p>

<p>Floodplain Management</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 site is not in a Special Flood Hazard Area (SFHA) Zone AE (areas of 100-year flood where base flood elevation have been determined), as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 36107C0378E, dated April 17, 2012. (See Appendix B Floodplains).</p> <p>Source: 5</p>
<p>Historic Preservation</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 type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site was checked through the Cultural Resource Information System (CRIS). While the Project site has not been previously inventoried, the site is within a SHPO archeological sensitivity polygon. There are no recorded archeological sites on the property or in its immediate vicinity.</p> <p>The March 1, 2016 consultation with the New York State Historic Preservation Office (SHPO) and the Division for Historic Preservation (DHP) within the OPRHP, in accordance with Section 106 of the National Historic Preservation Act of 1966, resulted in a March 14, 2016 determination that there would be “no historic properties affected” by the proposed undertaking (See Appendix E, SHPO Correspondence).</p> <p>Letters were sent to the Cayuga Nation of New York and the Onondaga Nation on March 1, 2016, inquiring as to whether the Project location encompasses historic properties of religious or cultural significance to the two Nations, and whether they were interested in being consulting parties to the Project. No replies were received (See Appendix F, Tribal Correspondence).</p> <p>Although archaeological resources are not expected to exist in the immediate project area, unanticipated discoveries may occur. If</p>

		<p>ground-disturbing activities uncover archeological or historic resources the Subrecipient and their contractor must suspend activities in the vicinity of the discovery, protect the site from any further disturbance, and notify GOSR and the SHPO.</p>
<p>Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No noise-sensitive receptors are present or proposed at the Project site. The existing operations involve occasional noise from front-end loaders and trucks as salt/sand mixture is prepared and loaded for distribution during icy weather. The proposed building would reduce the noise from these occasional operations.</p>
<p>Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is within the bounds of the Clinton Street Ballpark Sole Source Aquifer (SSA) Designated Area. The construction would disturb up to 1.2 acres of previously disturbed land. The proposed building would result in increase of 0.14 acres of impervious surface (about 10 percent) for a total of 0.32 acres (23 percent) of impervious surface. Consultation with the EPA was initiated on December 22, 2015. On January 22, 2016, the EPA concurred that the Project satisfies the requirements of the Safe Drinking Water Act and would not pose a significant threat to the Clinton Street Ballpark SSA. (See Appendix G, Sole Source Aquifer).</p>
<p>Wetlands Protection Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not on or adjacent to wetlands, as identified by the New York State Department of Environmental Conservation (NYSDEC) and the National Wetlands Inventory. (See Appendix H, Wetlands) Source: 8, 9</p>

<p>Wild and Scenic Rivers</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 state or federally designated wild and scenic rivers at or near the Project site.</p> <p>http://www.rivers.gov/wildriverslist.html http://www.dec.ny.gov/permits/32739.html</p> <p>Source: 14</p>
<p>ENVIRONMENTAL JUSTICE</p>		
<p>Environmental Justice</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 in or adjacent to areas with environmental justice populations, as defined by NYSDEC based on data from the 2000 U.S. Census. (See Appendix I, Potential Environmental Justice Areas)</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 of 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
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	<p>The Town of Tioga currently operates the Project site as a highway salt and sand mixing and storage yard. The Project involves constructing a building to store the salt and sand mixture. The Project does not represent a change in this land use. The parcel would continue to be used for salt storage.</p> <p>The Tioga NY Rising Community Reconstruction Plan discusses the Project as part of the “protect key areas and facilities in the Tioga community” goal.</p> <p>Source: 10</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>The topography of the site is relatively flat with slight slopes to the southeast. The site is approximately 1.4 acres with two maintenance structure and 1.2 acres of open lot used to store, mix, and load salt for road de-icing. The 1.2-acre open lot is 85 percent pervious. (See Appendix J, Topographic Map).</p>

		<p>The soils at the site are classified as Chenago gravelly loam fan, 3 to 12 percent slopes. These soils are rated as not limited for dwellings.</p> <p>As part of the construction plans, site plans, a storm water management plan would be prepared including diversion of water from the salt storage structure and a retention basin. The basin would be sized to retain stormwater onsite.</p> <p>Source: 11</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>The Project would not involve the use of any hazardous or toxic materials. Because the Project site would not be inhabited, there would be no changes in human exposure to hazards or nuisances.</p> <p>The noise from the construction of the project would be temporary and during daytime business hours. The operational noise level would remain the same or less than currently occurs as some future operations would take place inside the new building. The operational noise is occasional as salt and sand mix is prepared during times of icy weather.</p>
Energy Consumption	1	<p>There would be a small increase in power usage as lights could be required if operational periods were to take place at night. This use would be occasional.</p>

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	1	The Project would result in a beneficial temporary minor increase in employment during construction and no increase in long-term employment.
Demographic Character Changes, Displacement	2	Because the Project site is uninhabited and no population changes would result, there would be no demographic, character, or displacement impacts.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	Because the Project site is uninhabited and no population changes would result, there would be no increase in demand for educational and cultural facilities.
Commercial Facilities	2	Because the Project site is uninhabited and no population changes would result, there would be no increase in demand for commercial facilities.
Health Care and Social Services	2	Because the Project site is uninhabited and no population changes would result, there would be no increase in demand for health care and social services.
Solid Waste Disposal / Recycling	3	There would be no increase in solid waste disposal or recycling from Project operation. Construction of the new storage facility would result in a temporary increase in solid waste.
Waste Water / Sanitary Sewers	2	There is no waste water generated from current operations and no sanitary sewer facilities at the Project site. The Project would not result in new operations that would generate wastewater, there would be no change in waste water/sanitary sewer utility usage.
Water Supply	2	The Project site is uninhabited and has no water supply. The Project would not add water supply, there would be no change in water usage.
Public Safety - Police, Fire and Emergency Medical	2	Because the Project involves no changes in population, there would be no impact on demand for police, fire, or emergency medical services.
Parks, Open Space and Recreation	2	There would be no change to open space or recreation due to the Project.
Transportation and Accessibility	1	The Project involves no changes in population, and therefore, no changes to the amount or type of traffic to the area. The Project would improve the salt and sand storage and distribution operations that are part of continuing transportation safety efforts for the region.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	<p>The Project site is developed land. Adjacent properties include residential and wooded land, and fields. The NYSDEC environmental resource mapper shows no unique natural features or surface water on or near the Project area.</p> <p>http://www.dec.ny.gov/imsmaps/ERM/viewer.htm</p> <p>The project site is within the bounds of the Clinton Street Ballpark Sole Source Aquifer (SSA) Designated Area. The construction would disturb up to 1.2 acres of previously disturbed land. The proposed building would result in increase of 0.14 acres of impervious surface (about 10 percent) for a total of 0.32 acres (23 percent) of impervious surface. Consultation with the EPA was initiated on December 22, 2015. On January 22, 2016, the EPA concurred that the Project satisfies the requirements of the Safe Drinking Water Act and would not pose a significant threat to the Clinton Street Ballpark SSA. (See Appendix G, Sole Source Aquifer).</p> <p>Source: 12, 13</p>
Vegetation, Wildlife	2	<p>The USFWS concurred with the GOSR determination that the Project would have “no effect” on northern long-eared bat. There are no records of rare-or state-listed animals, plants, or significant natural communities in the vicinity of the Project site.</p> <p>The proposed building is 20 feet tall metal walled with no windows, so would not be a hazard to migratory birds.</p> <p>(See Appendix C, Endangered Species Consultation Letters).</p>
Other Factors	NA	Beyond those already addressed, no other factors were identified or evaluated for the Project.

Additional Studies Performed:

None

Field Inspection (Date and completed by):

None

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. 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.
4. US Fish and Wildlife Service. 2014. Coastal Barrier Resources Mapper – Beta. Internet Website: <http://www.fws.gov/cbra/Maps/Mapper.html>.
5. US Federal Emergency Management Agency. Current FEMA issued Flood Maps. Internet Website: <https://msc.fema.gov/portal/search?>.
6. US Environmental Protection Agency. Green Book Nonattainment Areas. Internet Website: <http://www.epa.gov/oaqps001/greenbk/ancl.html>.
7. US Department of Agriculture. Natural Resources Conservation Service. Internet Website: <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.
8. US Fish and Wildlife Service. 2014. National Wetlands Inventory, New York. Internet Website: <http://www.fws.gov/wetlands/Data/State-Downloads.html>.
9. New York State Department of Environmental Conservation. Regulatory Freshwater Wetlands – New York State – 2002 GIS data. Internet Website: <http://cugir.mannlib.cornell.edu/datatheme.jsp?id=111>.
10. NYRCR Tioga Planning Committee. 2014. NYRCR Tioga, NY Rising Community Reconstruction Plan. March 2015
11. US Department of Agriculture. Natural Resources Conservation Service. Internet Website: <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.
12. US Environmental Protection Agency. 2015. NEPAssist Tool. Internet Website: <http://nepassisttool.epa.gov/nepassist/nepamap.aspx>
13. New York State Department of Environmental Conservation (NYSDEC). Environmental Assessment Form Mapping Tool. <http://www.dec.ny.gov/ismmaps/ERM/viewer.htm> 7/21/.

14. National Wild and Scenic Rivers System. Internet Website: <http://www.rivers.gov/new-york.php>.

15. New York State Department of Environmental Conservation Bulk Storage Database Search. Internet Website: <http://www.dec.ny.gov/cfm/EXTAPPS/DEREXTERNAL/index.cfm?pageid=4>.

16. New York State Department of Environmental Conservation Environmental Site Remediation Database Search. Internet Website: <http://www.dec.ny.gov/cfm/EXTAPPS/DEREXTERNAL/index.cfm?pageid=3>.

List of Appendices:

- Appendix A Figures
- Appendix B Floodplains
- Appendix C Endangered Species Consultation Letters
- Appendix D Soils
- Appendix E SHPO Correspondence
- Appendix F Tribal Correspondence
- Appendix G Sole Source Aquifer
- Appendix H Wetlands
- Appendix I Potential Environmental Justice Areas
- Appendix J Topographic Map

List of Permits Obtained or Required:

- None

Public Outreach [24 CFR 50.23 & 58.43]:

On April 11, 2016, a combined Notice of Finding of No Significant Impact and Intent to Request Release of Funds will be published in the *Binghamton Press and Sun-Bulletin*. Any individual, group, or agency may submit written comments on the Environmental Review Record to:

Thomas J. King, Esq.
Director – Bureau of Environmental Review and Assessment
Assistant General Counsel
Governor’s Office of Storm Recovery
99 Washington Avenue Suite 1224
Albany, New York 12260
Office: (518) 473-0015
Mobile: (646) 417-4660

Cumulative Impact Analysis [24 CFR 58.32]:

The Project would not be 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 would be a mitigation of existing conditions that allow for loss of stock piles salt/sand mixture during rain events and would reduce cumulative impacts to the surrounding water and agricultural lands.

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

The Project site is the current location of the Town of Tioga highway salt/sand mixture and storage facility. The parcel is already disturbed. Development of a new salt/sand mixture and storage facility would require much greater effort. Different designs for the salt/sand storage building were considered including no integral concrete walls and a separate flood wall.

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

Not undertaking the Project would not be consistent with the goals and objectives of the Tioga NYRCR. The salt/sand stockpile would remain vulnerable to loss and potentially impact to nearby streams and agricultural lands during rain events. Under the No Action alternative, the Town of Tioga's goals to minimize future flood impacts from the salt/sand storage facility would not be realized.

Summary of Findings and Conclusions:

The proposed Project would continue the current use of the Project site. It would increase the resiliency of the salt/sand storage to flooding. The goals and objectives of GOSR in response to addressing the most impacted counties affected by Hurricanes Sandy and Irene and Tropical Storm Lee would be achieved. The Project would not significantly alter the character or resources of the area. It would 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.

<u>Law, Authority, or Factor</u>	<u>Mitigation Measure</u>
Clean Air Act	All Project activities would comply with applicable federal, state, and local laws and regulations regarding construction emissions, including but not limited to the New York Codes, Rules, and Regulations (NYCRR), NYSDEC Air Quality Management Plan, and the New York SIP. All necessary measures would be used to minimize fugitive dust emissions during activities, such as grading. The preferred method for dust suppression is water sprinkling.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	The Project site would be graded to accommodate improvements, landscaping, and an adjacent storm water management facility. Soils would be compacted per local building codes.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	BMPs, such as silt fence and erosion prevention, would be implemented, if required by permits or agency discretion.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	Because the amount of ground disturbance at the site would be greater than one acre, an SPDES General Stormwater Permit is required. BMPs, such as silt fence and erosion prevention, would be implemented, if required by permits or agency discretion.

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: March 31, 2016

Name/Title/Organization: Clifford Jarman, Senior Environmental Scientist, Tetra Tech, Inc.

Certifying Officer Signature:  Date: April 11, 2016

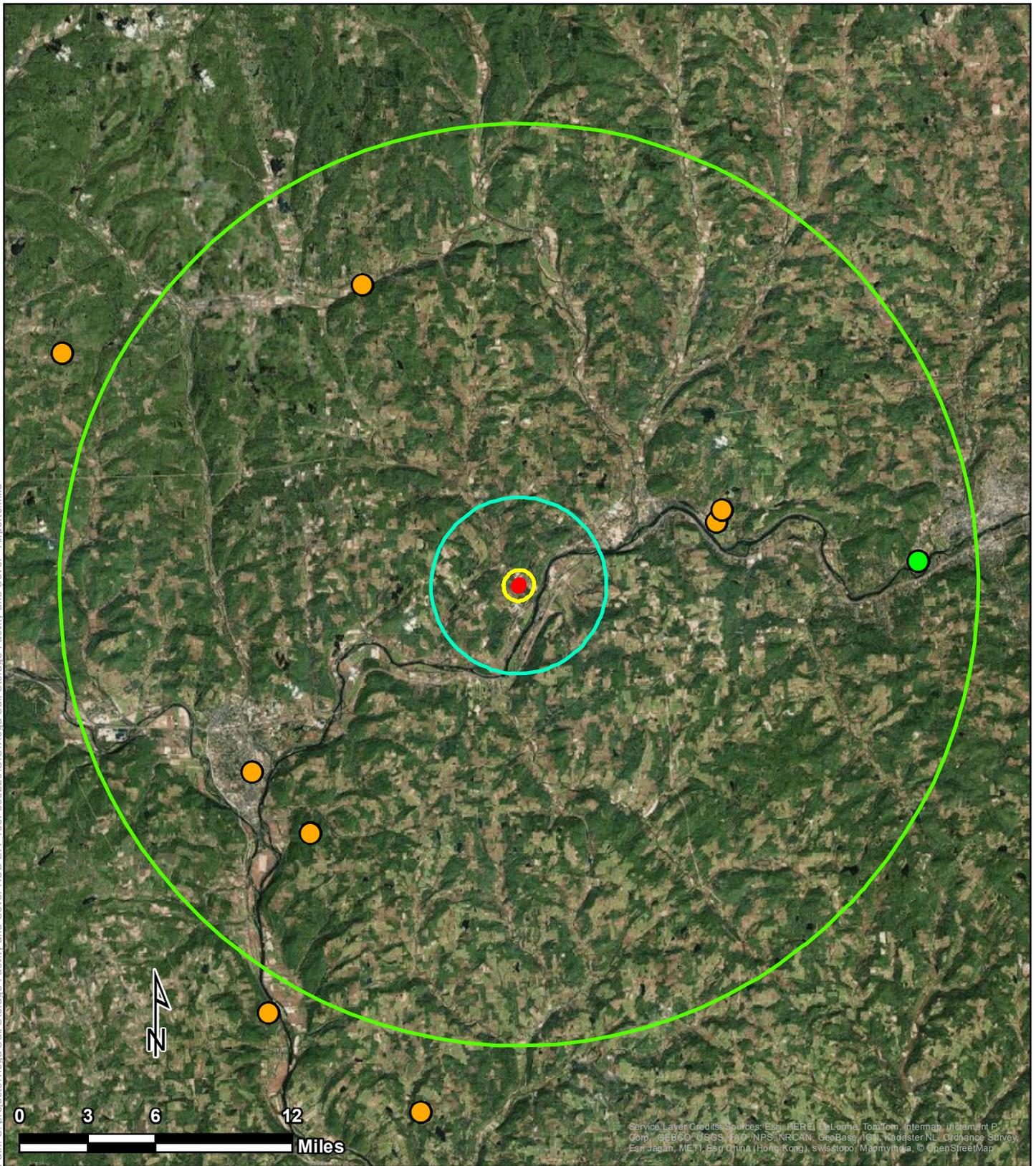
Name/Title: Thomas J. King, Assistant General Counsel and Certifying Officer, Governor's Office of Storm Recovery

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

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA - 103P359220\GIS\Tioga Salt Storage Facility and Cover - Airports.mxd



Service Layer Credits. Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap

Legend

Airports

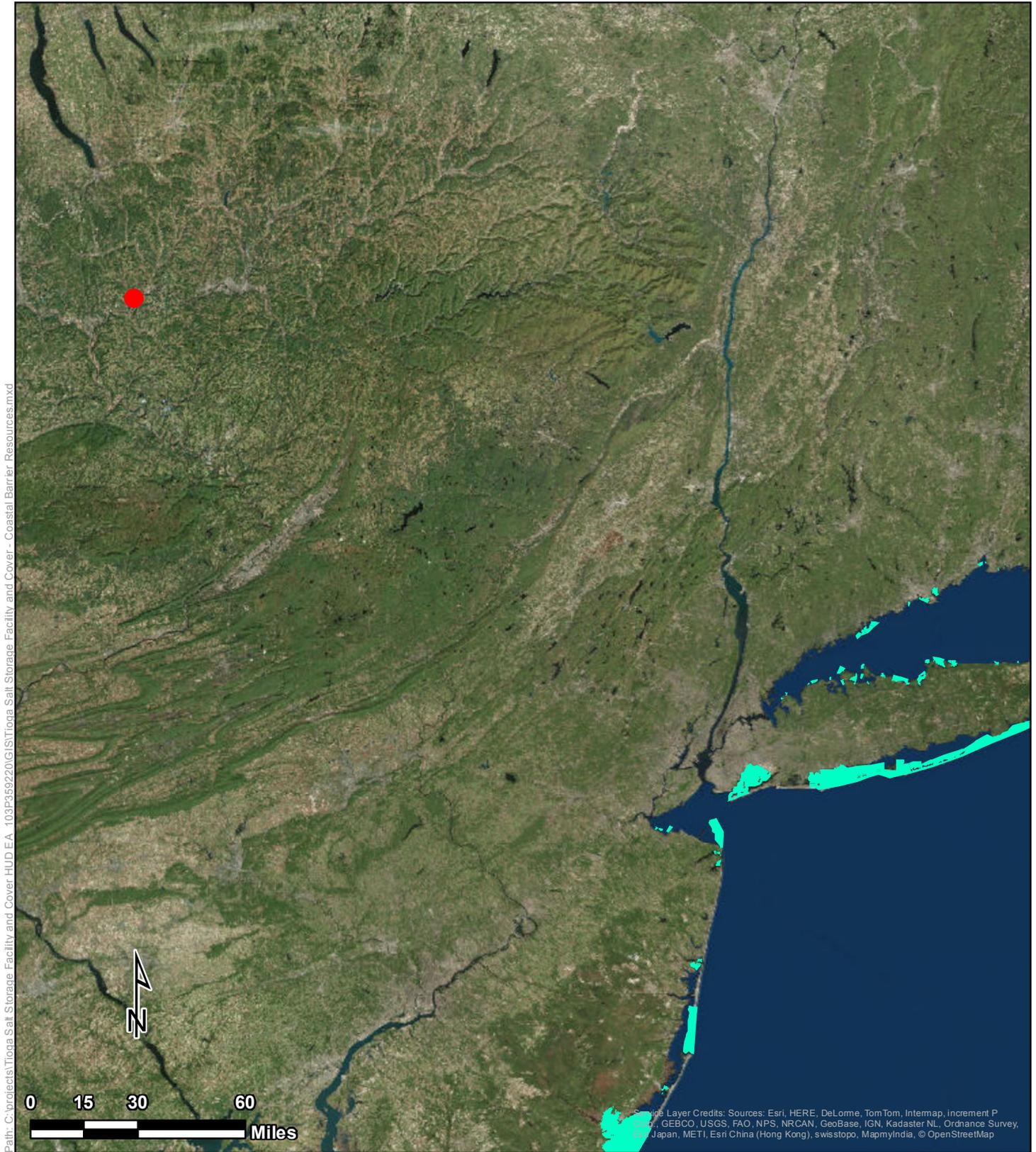
-  Public Use
-  Private Use
-  Project Area
-  2,500-Foot Project Site Buffer
-  15,000-Foot Project Site Buffer
-  15-Mile Project Site Buffer

Airports

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York



Tetra Tech, Inc



Coastal Barrier Resources

Legend

- Project Area
- CBRS Polygons

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc



Welcome to the NYS Coastal Boundary Map

🖱️ 🔍 🖨️ 📄 Help

🔍 Search

Address:

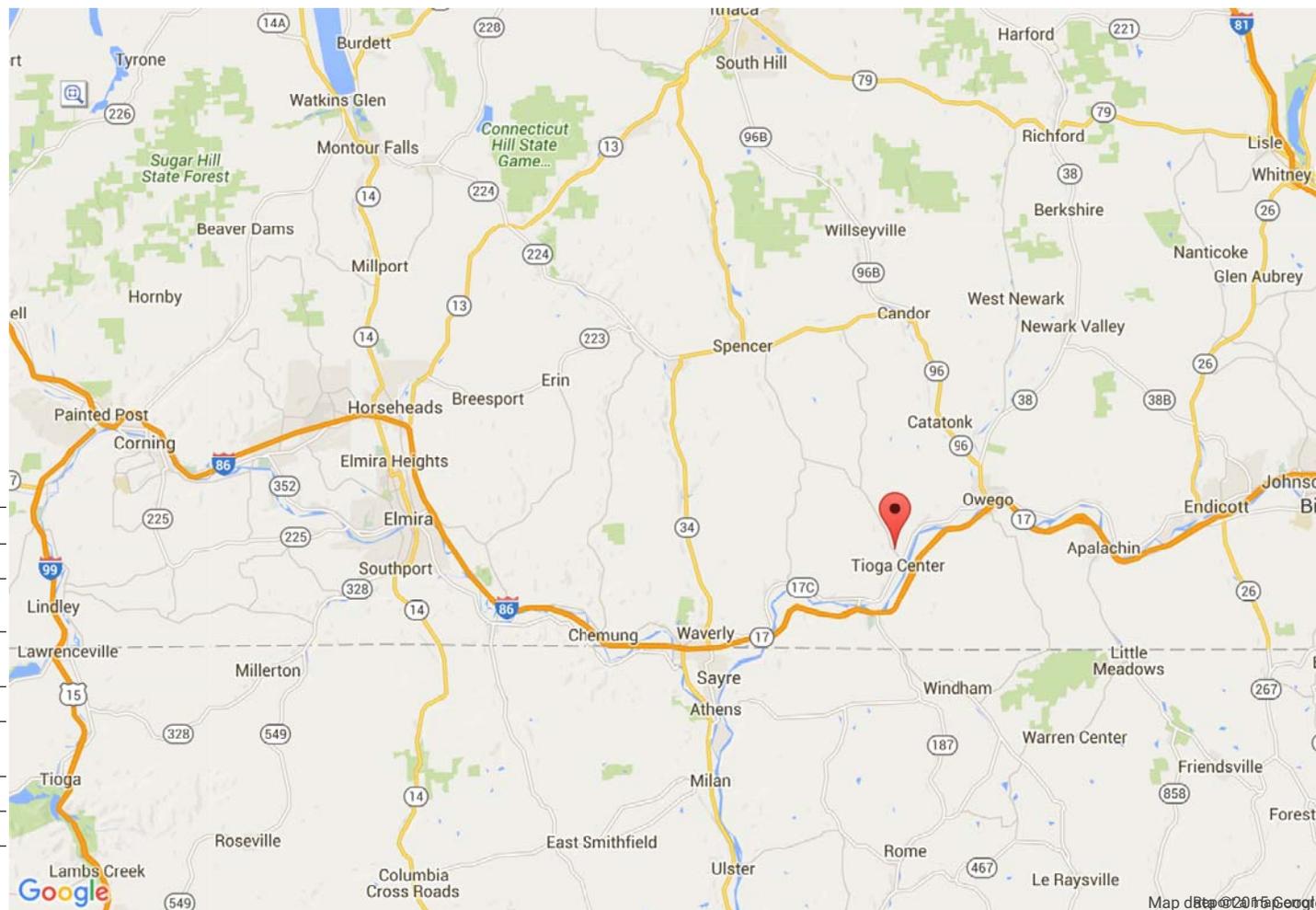
8 Dry Brook Road, Tioga, NY

Find Address

Please note that the address marker is automatically placed along the street while certain activities may take place along the waterward property boundary. Please make sure to click and drag the marker to the exact location of the proposed activity for an accurate assessment of whether or not the activity would be located within any DOS Special Management Areas.

🔍 Layers

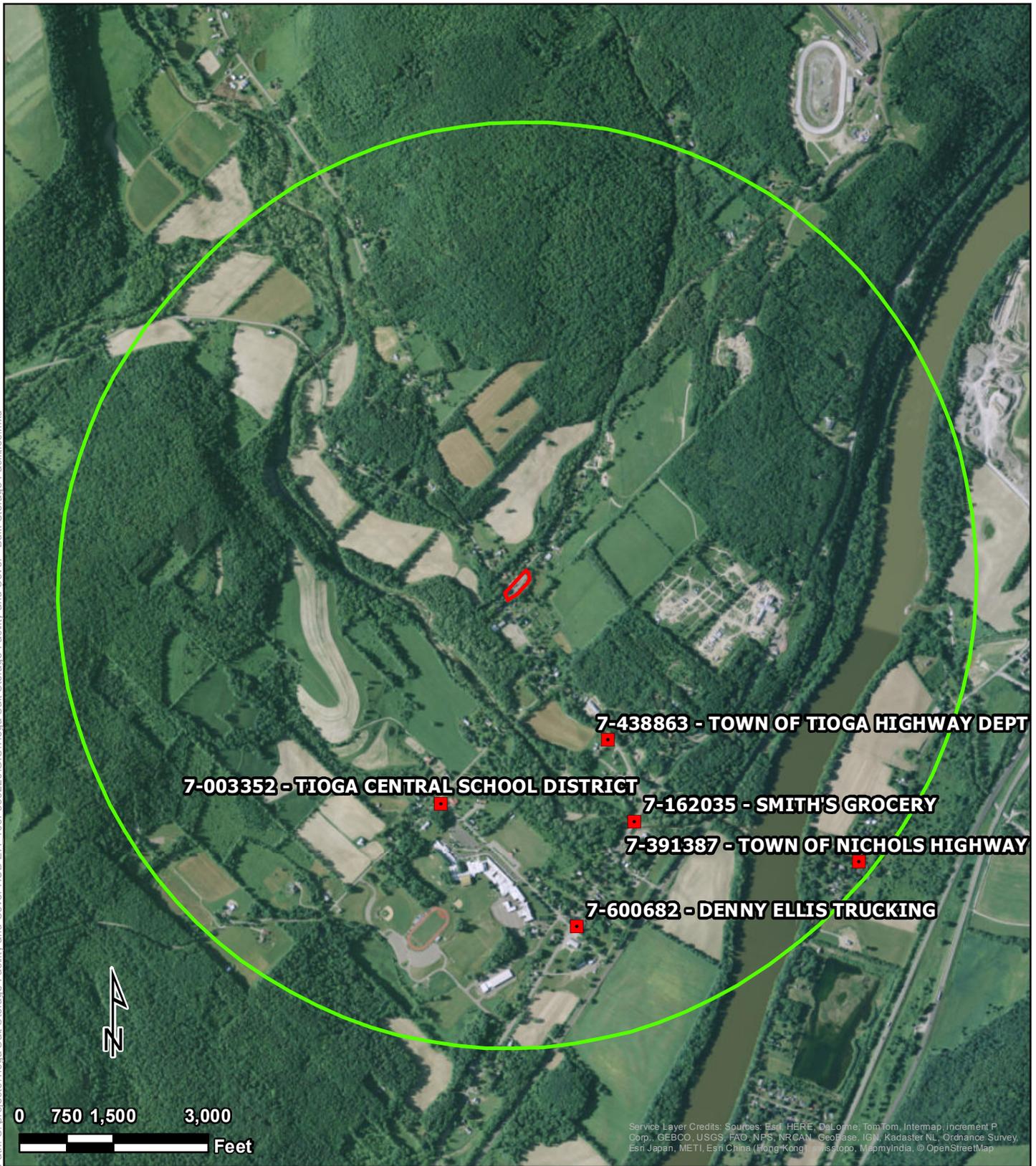
- Landward Coastal Boundary
- Scenic Areas
- Local Waterfront Revitalization Areas
- Local Waterfront Revitalization Program Communities
- Significant Coastal Fish and Wildlife Habitats
- DOS Identified Canals
- Long Island Sound CMP (excludes LWRP communities)
- Federally Owned Lands
- Native American Lands



Map data © 2016 Google

Latitude: 42.803 Longitude: -75.399

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA - 103P359220\GIS\Tioga Salt Storage Facility and Cover - Bulk Storage Facilities.mxd



Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geopase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap

Legend

Bulk Storage Facilities

- Chemical Bulk Storage
- Major Oil Storage Facility
- Petroleum Bulk Storage



Project Area



One Mile Project Site Buffer

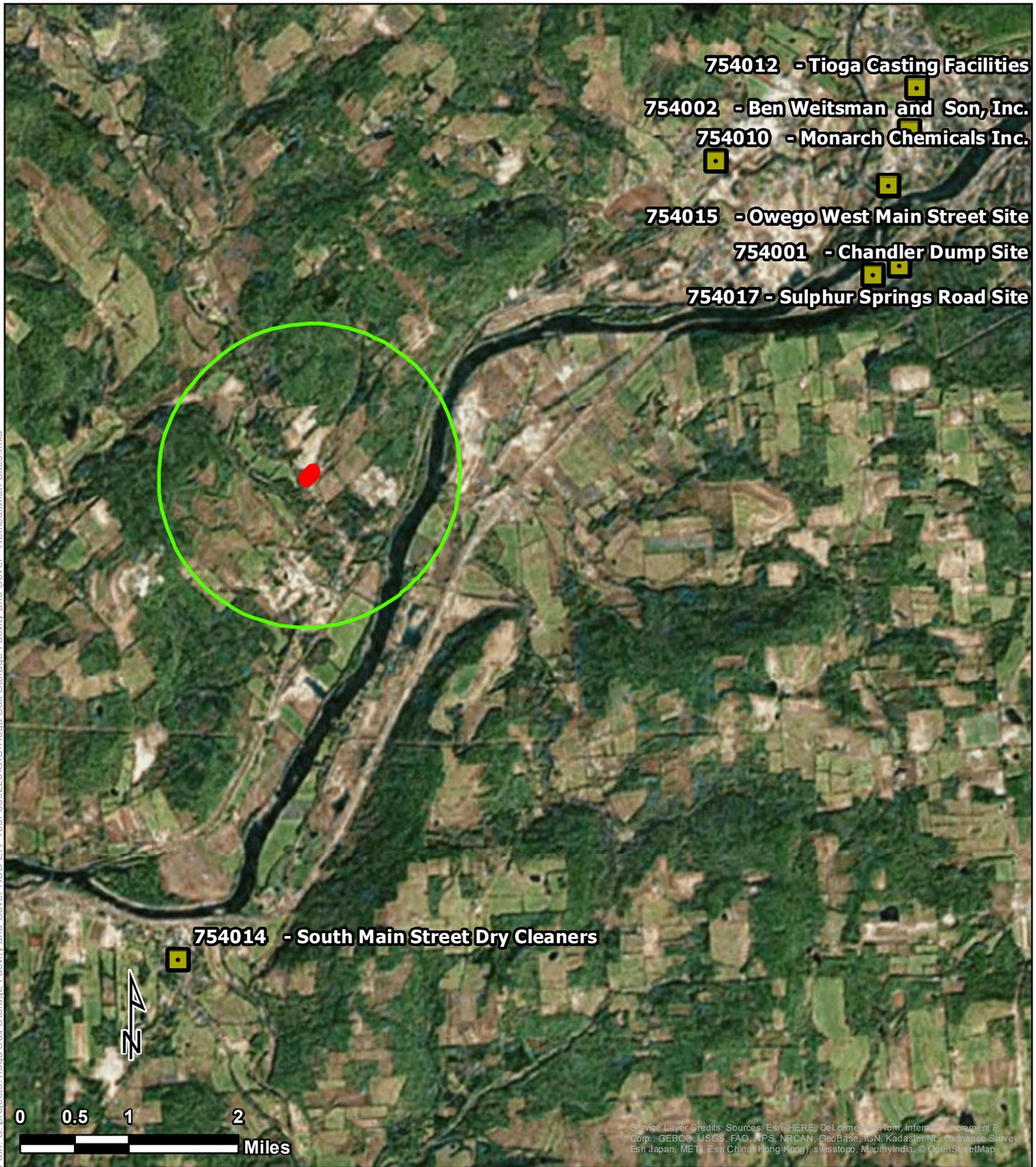
Bulk Storage Facilities

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA - 103P359220\GIS\Tioga Salt Storage Facility and Cover - Remediation Sites.mxd



Remediation Sites

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York

Legend

- Project Area
- One Mile Project Site Buffer
- State Superfund Program



Tetra Tech, Inc



C:\projects\Tioga Salt Storage Facility and Cover HUD EA_103P359220\GIS\Tioga Salt Storage Facility and Cover - Agricultural Districts.mxd

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P, GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Swisstopo, China (Hong Kong), swisstopo, Mapbox India, © OpenStreetMap

Agricultural Districts

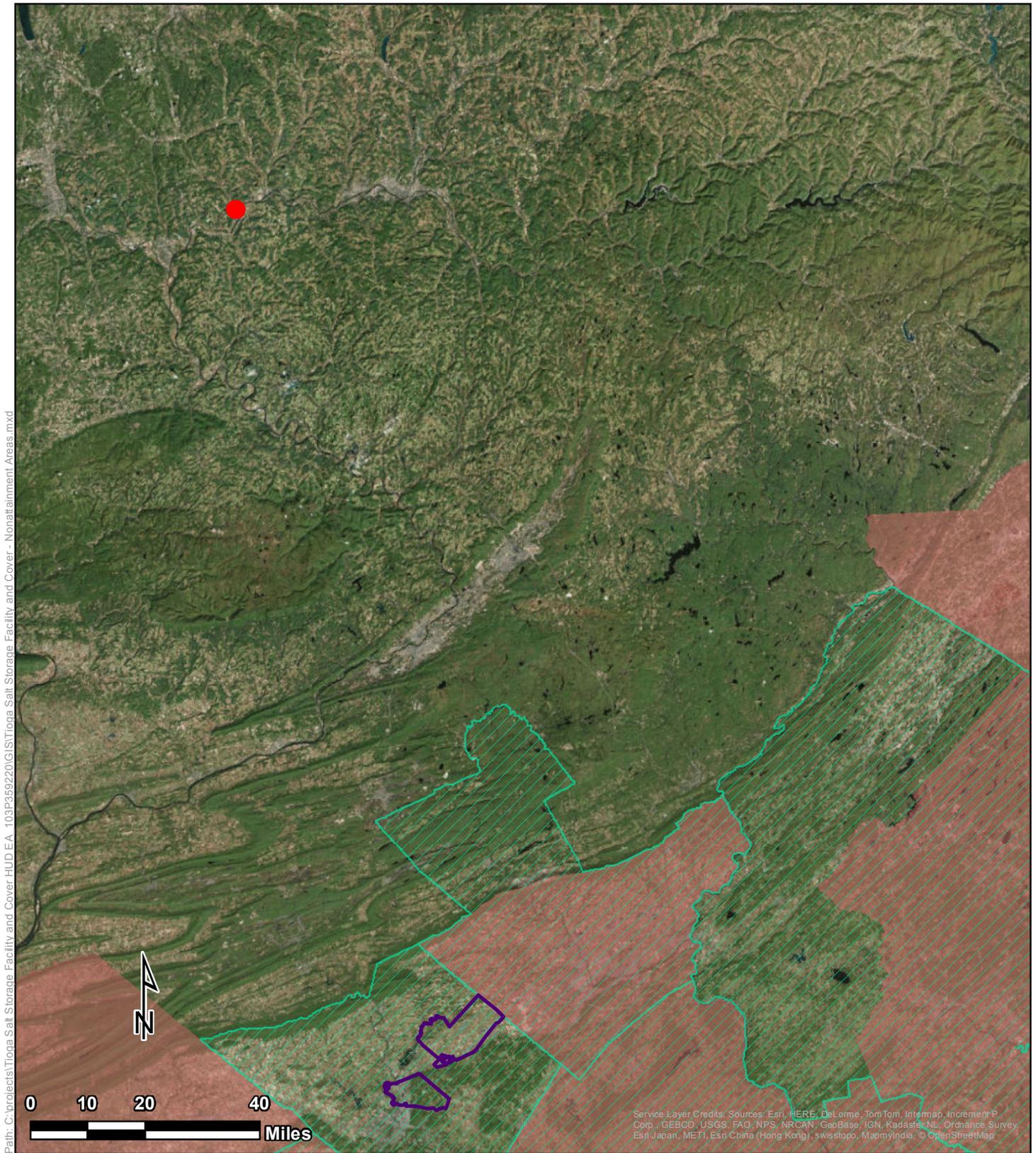
Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

- Project Area
- NYS Agricultural Districts 500ft Buffer



Tetra Tech, Inc



Legend

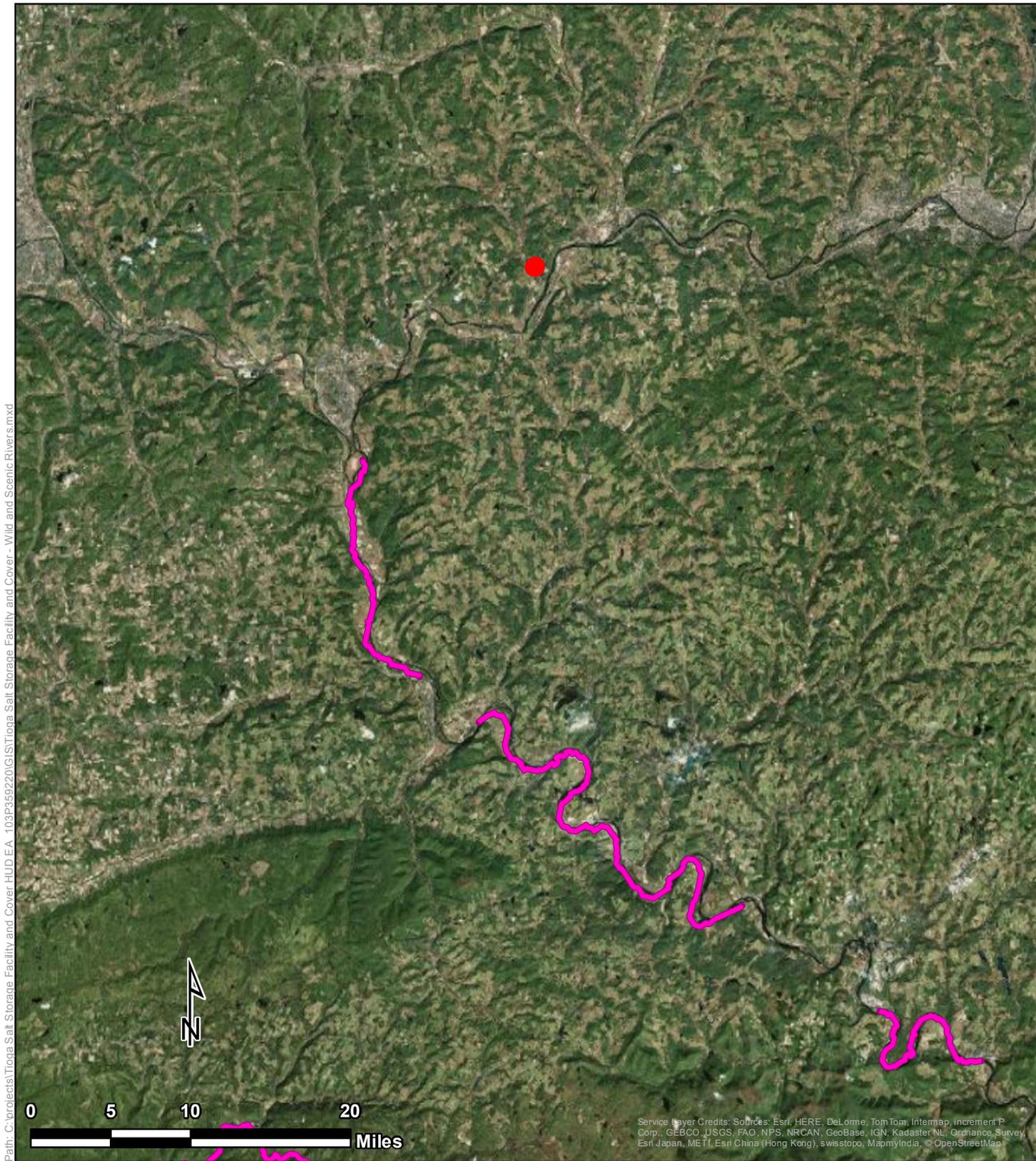
- Project Area
- Pb NAA 2008
- SO2 2010 Standard NAA
- Ozone 8hr 2008 Standard NAA
- PM25 2006 Standard NAA

Nonattainment Areas

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc



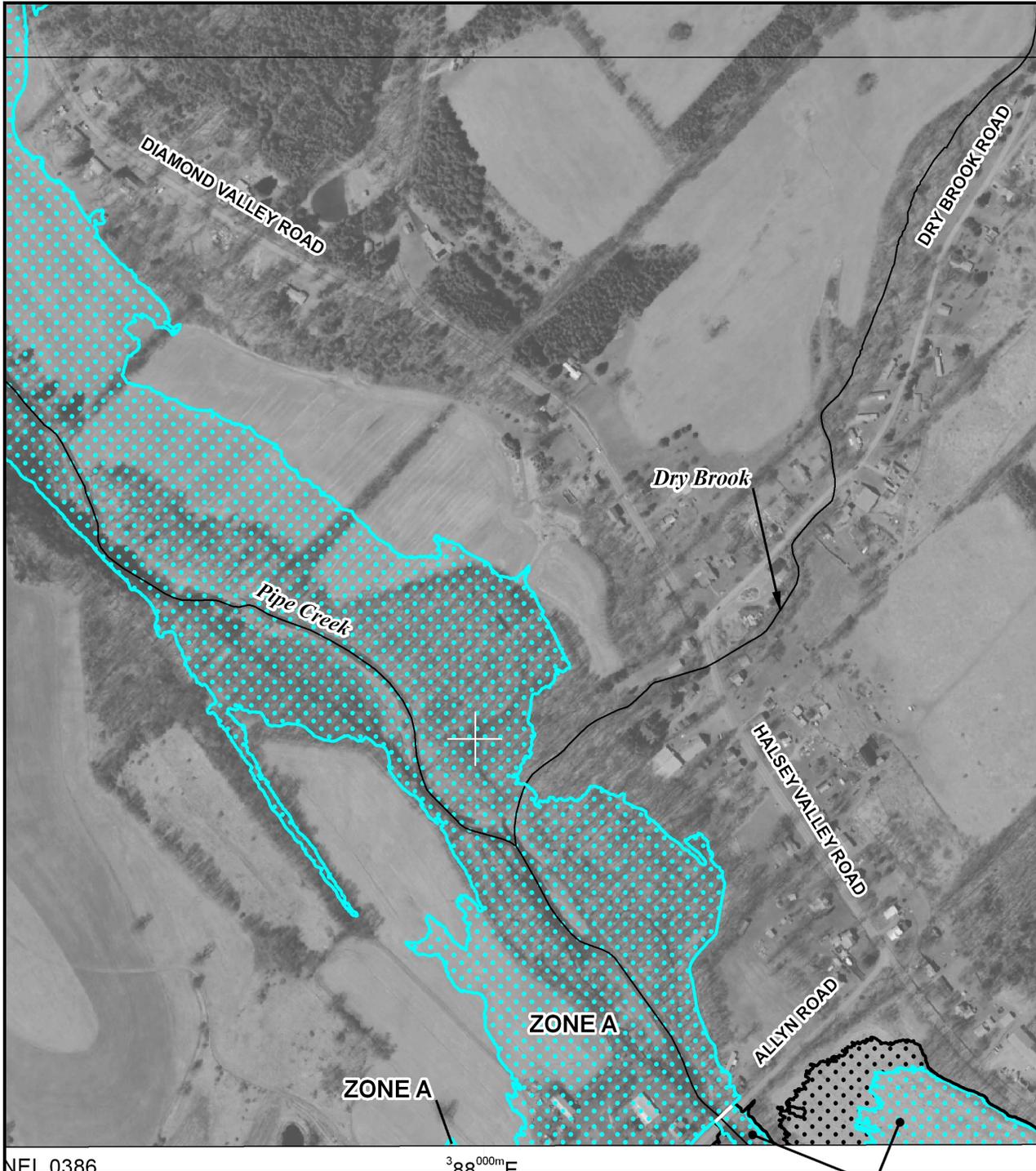
Wild and Scenic Rivers

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

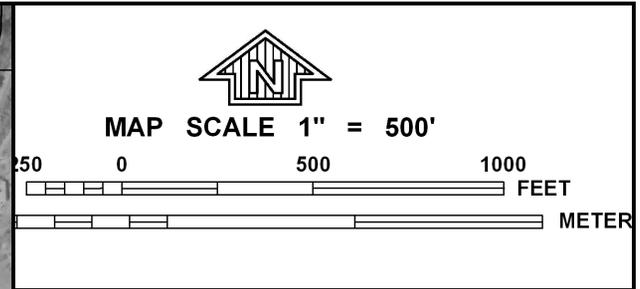
- Project Area
- Wild and Scenic Rivers in the Nationwide Rivers Inventory (NRI)
- USDA Forest Service Wild and Scenic Rivers

APPENDIX B
FLOODPLAINS



NE1 0386

388 000m E



NFP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0378E

FIRM
FLOOD INSURANCE RATE MAP

for TIOGA COUNTY, NEW YORK
 (ALL JURISDICTIONS)

CONTAINS:

COMMUNITY	NUMBER
TIOGA, TOWN OF	360842

PANEL 378 OF 551
MAP SUFFIX: E
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

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



MAP NUMBER
 36107C0378E
EFFECTIVE DATE
 APRIL 17, 2012

Federal Emergency Management Agency

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

APPENDIX C
ENDANGERED SPECIES
CONSULTATION LETTERS



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Interim Executive Director

January 26, 2016

Robyn A. Niver
Endangered Species Biologist USFWS
New York Field Office
Cortland, NY 13045

Re: Notice of Determination under Section 7 of the Endangered Species Act and Migratory Bird Treaty Act for the Tioga Salt Storage Facility, NY

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 preparing a NEPA environmental review under 24 CFR Part 58.35a for the construction of a new salt storage facility and cover located at 8 Dry Brook Road, Tioga, in Tioga County, New York (**Project Area Figure**). The Town of Tioga uses the parcel as a highway salt storage facility and distribution. The Town is proposing to construct a salt storage facility and cover at this location to mitigate salt loss and the associated impacts to the neighboring waterways and agricultural property from potential salt contamination during future storm and flood events. The salt storage facility would include an approximately 6,000 square foot, 20 foot tall metal framed structure with a cover. The building will be set on a concrete slab floor (either poured in place or prefabricated). Also a concrete wall (approximately 4 feet high) constructed at the base of the east side of the building to prevent water from entering the facility. The footing for the wall would be approximately 4 feet deep. The construction would disturb up to 1.2 acres of previously disturbed land.

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. GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to Section 7 of the Endangered Species Act.

Program Overview

The 2011 Atlantic hurricane season brought tremendous devastation to communities along the Susquehanna River. Hurricane Irene made landfall in New York on August 28, 2011 and produced 6 to 8 inches of rain and heavy winds that knocked down trees and power lines. In some locations, power was out for a week. On September 7, 2011, not long after Hurricane Irene passed through the region, Tropical

Storm Lee dropped an additional 11 inches of rain on Tioga County during a 24-hour period. The torrential rains, coupled with saturated grounds and the fact that the Susquehanna River was still swollen from Hurricane Irene, caused the water in the Susquehanna's primary tributaries within the Tioga Community to overrun their banks. The flooding altered the streams, creeks, and river within the Tioga Community by eroding their banks and creating unstable riparian areas. The erosion, debris, and sedimentation created flooding situations in the Tioga Community where the streams were blocked due to undersized culverts or where the waters of the Susquehanna were 'backing up' into the stream bed.

During Hurricane Irene and Tropical Storm Lee, those municipal facilities that were located in the floodplain suffered extensive damage, compromising the provision of municipal service to community residents. Many of the facilities are used to store fuel, salt and sand. As flood- and groundwaters rose, these materials were released into the nearby area, resulting in environmental contamination.

The position of the Town is that the construction of a more protective structure would protect salt supplies in the event of a future storm, thereby providing a cost savings to the Town, and reduce contamination of downstream waterways by storing salt in a more protective structure.

Compliance

According to the USFWS IPaC Trust Resource Report (**attached**), there is one threatened species that is potentially associated with the project site – the threatened northern long eared bat (NLEB). In addition, there are several migratory birds of concern that could potentially be affected by the proposed project. The IPaC Report for the proposed project indicated that there is no critical habitat in the project area. The proposed project would not result in the removal of trees and would be implemented on an extensively disturbed site. On this basis, GOSR has determined that the proposed action will have No Effect on the NLEB or migratory birds. We request your acknowledgement of this determination. Additionally, we request to be alerted if USFWS becomes aware of a Bald or Golden Eagle nest within 660 feet of the project site.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or alicia.shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Community Developer – Environmental Services
New York State Homes and Community Renewal
38-40 State Street, 4N
Hampton Plaza
Albany, NY 12207

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA - 103P359220\GIS\Tioga Salt Storage Facility and Cover - Project Area.mxd



Project Area

Legend

 Project Area

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York



Tetra Tech, Inc

Tioga Salt Storage Facility and Cover

IPaC Trust Resource Report

Generated January 20, 2016 10:31 AM MST, IPaC v2.3.2

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



NAME

Tioga Salt Storage Facility and Cover

LOCATION

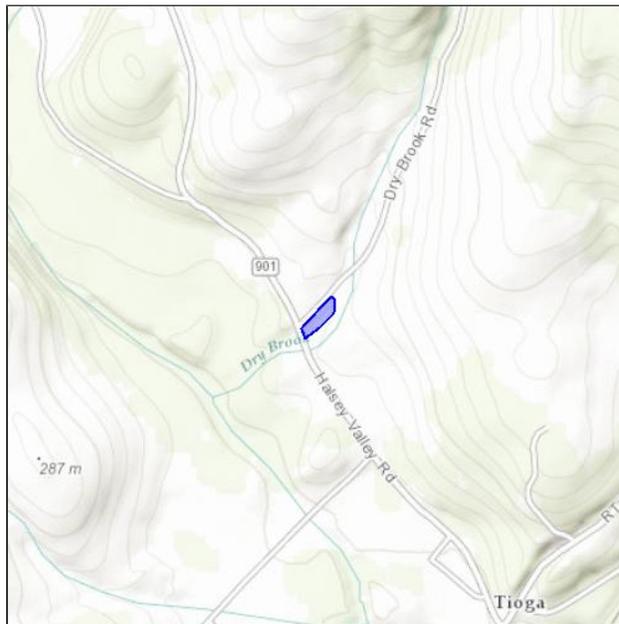
Tioga County, New York

DESCRIPTION

The Project is to design and construct a salt storage facility and cover to reduce potential property and environmental damage caused by future storm events.

IPAC LINK

<https://ecos.fws.gov/ipac/project/QUEAY-IVEOF-HBLAD-YJHSQ-PKUIITY>



U.S. Fish & Wildlife Contact Information

Trust resources in this location are managed by:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9349

(607) 753-9334

Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.

For project evaluations that require FWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[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 the Regulatory Documents section in IPaC.

The list of species below are those that may occur or could potentially be affected by activities in this location:

Mammals

Northern Long-eared Bat *Myotis septentrionalis* Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

https://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=A0JE

Critical Habitats

There are no critical habitats in this location

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). 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.

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.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>

The following species of migratory birds could potentially be affected by activities in this location:

American Bittern <i>Botaurus lentiginosus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3	
Bald Eagle <i>Haliaeetus leucocephalus</i>	Bird of conservation concern
Year-round https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008	
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI	
Blue-winged Warbler <i>Vermivora pinus</i>	Bird of conservation concern
Season: Breeding	
Canada Warbler <i>Wilsonia canadensis</i>	Bird of conservation concern
Season: Breeding	
Golden-winged Warbler <i>Vermivora chrysoptera</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G4	
Kentucky Warbler <i>Oporornis formosus</i>	Bird of conservation concern
Season: Breeding	

Least Bittern <i>Ixobrychus exilis</i> Season: Breeding	Bird of conservation concern
Louisiana Waterthrush <i>Parkesia motacilla</i> Season: Breeding	Bird of conservation concern
Olive-sided Flycatcher <i>Contopus cooperi</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0AN	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern
Pied-billed Grebe <i>Podilymbus podiceps</i> Season: Breeding	Bird of conservation concern
Prairie Warbler <i>Dendroica discolor</i> Season: Breeding	Bird of conservation concern
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> Season: Breeding	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Willow Flycatcher <i>Empidonax traillii</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F6	Bird of conservation concern
Wood Thrush <i>Hylocichla mustelina</i> Season: Breeding	Bird of conservation concern
Worm Eating Warbler <i>Helmitheros vermivorum</i> Season: Breeding	Bird of conservation concern

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 in 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](#).

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.

There are no wetlands in this location



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: Jan 26, 2016

USFWS File No: 160795

Regarding your: Letter Fax Email

Dated: Jan 26, 2016

For project: Tioga Salt Storage Facility

Located: 8 Dry Brook Road

In Town/County: Town of Tioga, Tioga 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:  Date: 1/26/2016

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov



February 16, 2016

Alicia Shultz
New York State Homes & Community Renewal
38-40 State Street, 4N, Hampton Plaza
Albany, NY 12207

Re: Tioga Salt Storage Facility and Cover, 8 Dry Brook Road
Town/City: Tioga. County: Tioga.

Dear Alicia Shultz:

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 your 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.

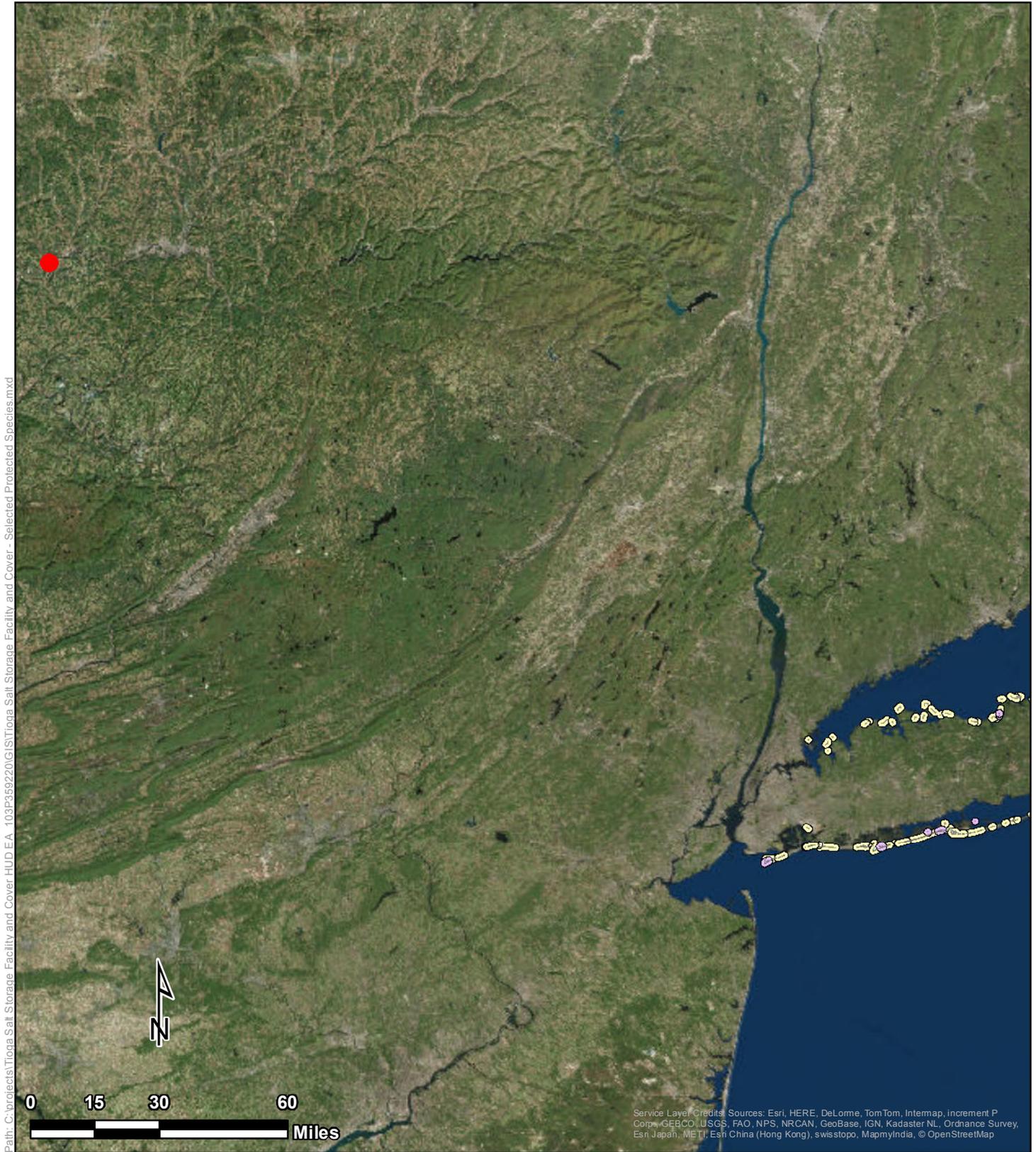
This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

A handwritten signature in blue ink that reads "Andrea Chaloux".

Andrea Chaloux
Environmental Review Specialist
New York Natural Heritage Program

APPENDIX D
SOILS



Legend

- Project Area
- Seabeach Amaranth
- Roseate Tern
- Roseate Tern 1000M Buffer
- Piping Plover
- Piping Plover Buffer

Selected Protected Species

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc

Farmland Classification—Tioga County, New York
(soils 3)



Map Scale: 1:2,690 if printed on A landscape (11" x 8.5") sheet.



Farmland Classification—Tioga County, New York
(soils 3)

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
-  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 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
-  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

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 1:31,700.

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: <http://websoilsurvey.nrcs.usda.gov>
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: Tioga County, New York
Survey Area Data: Version 12, Sep 24, 2015

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

Date(s) aerial images were photographed: Jun 2, 2010—Oct 8, 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 — Tioga County, New York (NY107)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
A	Alluvial soils, undifferentiated	Not prime farmland	0.0	0.1%
Cdh	Canfield gravelly silt loam, 16 to 30 percent slopes	Not prime farmland	2.8	9.2%
Cdr	Canfield gravelly silt loam, 9 to 16 percent slopes	Farmland of statewide importance	3.0	9.6%
Cga	Chenango gravelly loam, fan, 3 to 12 percent slopes	All areas are prime farmland	23.9	77.2%
Tgb	Tioga gravelly loam, high bottom	All areas are prime farmland	1.2	4.0%
Totals for Area of Interest			30.9	100.0%

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



Legend

- Project Area
- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if drained

Protected Soils

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc

APPENDIX E
SHPO CORRESPONDENCE



ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

March 14, 2016

Chris Borstel
Tetrattech
1000 The American Rd.
Morris Plains, NJ 07040

Re: GOSR/ HUD/ NYHCR
Construction of a Salt Storage Facility
8 Dry Brook Rd, Town of Tioga/ Tioga County

16PR01311

Dear Mr. Borstel:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Section 106 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 Historic Properties Affected by the proposed undertaking.

If I can be of further assistance, please contact me at (518) 268-2187 or Larry.moss@parks.ny.gov.

Sincerely,

A handwritten signature in black ink that reads "Larry K Moss". The signature is written in a cursive, flowing style.

Larry K Moss, Historic Preservation Technical Specialist

CC: John Bock
Joseph Fischl
Alicia Schultz, NYS HCR
Mary Barthelme, GOSR
Thomas King, GOSR



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

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 the Construction of a Salt Storage Facility
Town of Tioga, Tioga 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 Tribal Historic Preservation Offices for the Cayuga Nation of New York and the Onondaga Nation. 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 Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

A map is enclosed showing the location where the salt storage facility will be constructed.

Proposed Project Description: According to design plans of January and February 2016, the proposed salt storage facility will be a tall, covered, arched structure open at one end. It will be constructed within an existing highway department storage yard at the intersection of Dry Brook and Halsey Valley roads. The facility's total footprint, including exterior footings, will be approximately 7,600 square feet. It will have an interior space of approximately 5,650 square feet and will rise at its centerline 32 feet above a paved interior floor. The structure will be built of 10 braced double-arch steel trusses attached to an 8-foot-high foundation wall comprised of precast concrete wall-and-footing units. The foundation units will be L-



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

shaped in cross section, with a vertical wall and a broad, shallow, outward-projecting foot, counterweighted on the exterior by 18x24-inch precast concrete deadweight blocks. The footings will be approximately 1 foot thick and will rest on a subbase of compacted No. 2 engineered granular mix, also 1 foot thick. Overall dimensions of the structure will be approximately 75 by 102 feet on the exterior, with an interior storage space of approximately 59.75 by 94.5 feet. The subgrade will extend approximately 2 feet below the finish grade of the structure and a minimum of 1.5 feet beyond the outer edges of the precast foundation units. The current project design also specifies grading of an undetermined extent outside the salt storage facility to minimize the potential of flooding from Dry Brook, which adjoins the highway department yard.

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

Potential Project Effects: Construction of the salt storage facility will result in ground disturbances to the existing highway department storage yard. The maximum depth of disturbance is estimated to be approximately 2 feet, which likely will extend of an area of approximately 0.25 acre, including grading of surrounding ground for flood protection. The structure will be substantially larger and taller than any building currently standing in the vicinity. However, visual effects will be restricted to the vicinity of the highway department storage yard due to the dense woodland vegetation in the area and the location of the project in a narrow valley surrounded by hills.

Existing Conditions: The project location, a storage yard for the town highway department, consists of open, relatively unimproved work area measuring approximately 110 by 330 feet (0.83 acre), which is used to stockpile sand, gravel, and other materials for highway maintenance. Normal activity in the yard consists of regular deliveries, shipments, and in-yard movements of piles of sand and gravel using mechanized loaders or other construction machines. The yard is located on the north side of Halsey Valley Road, east of Dry Brook Road and west of Dry Brook, a minor, low-order tributary of Pipe Creek, which flows into the Susquehanna River 0.75 mile to the southeast. There two wood frame buildings at the yard, the Tioga town garage and a salt storage shed, which adjoin one another at the north end of the yard. Both buildings are at least several decades old. Review of aerial imagery available online from the USGS Earth Resources Observation and Science (EROS) Center and Google Earth shows that a highway yard has been in operation at this location since at least 1948 and probably longer. Throughout this period, the yard has been open, unpaved, and relatively unimproved. Construction materials have been stored in the yard, and stockpiles have been regularly built up, removed, and moved around by machinery running back and forth over and scraping across the unpaved ground surface. *Per NY-CRIS*—The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon. The nearest inventoried architectural resource, the Coleman House (USN 10709.000050), 122 Halsey Valley Road, is situated just across the road from the yard; the Coleman House has been determined to be not NRHP eligible. The nearest NRHP-eligible property is the J. Martin Home (USN 10709.000053), 15 Halsey Valley Rd., located 2,500 feet southeast of the yard.



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

Assessment of Effects: The project is judged to have low potential to adversely affect archeological or architectural resources listed on or eligible for the NRHP.

With respect to archeological resources, although the project is situated within an archeological sensitivity polygon and next to a small stream course, the land proposed for the project has been used continuously as a highway department storage yard for over 65 years. During this time, the ground has been repeatedly covered with sand, gravel, and other stockpiled materials, driven over by heavy machinery, and scraped and graded as stockpiled materials were picked up and moved around. This type and level of activity would not favor the preservation of intact archeological deposits.

With respect to architectural resources, the two buildings standing within the highway department storage yard boundary lack distinctive characteristics that would make either eligible for listing on the NRHP. There are no known NRHP-listed or -eligible architectural properties in the project's immediate vicinity, the local terrain and vegetation limit the project's potential visual effects on more distant properties.

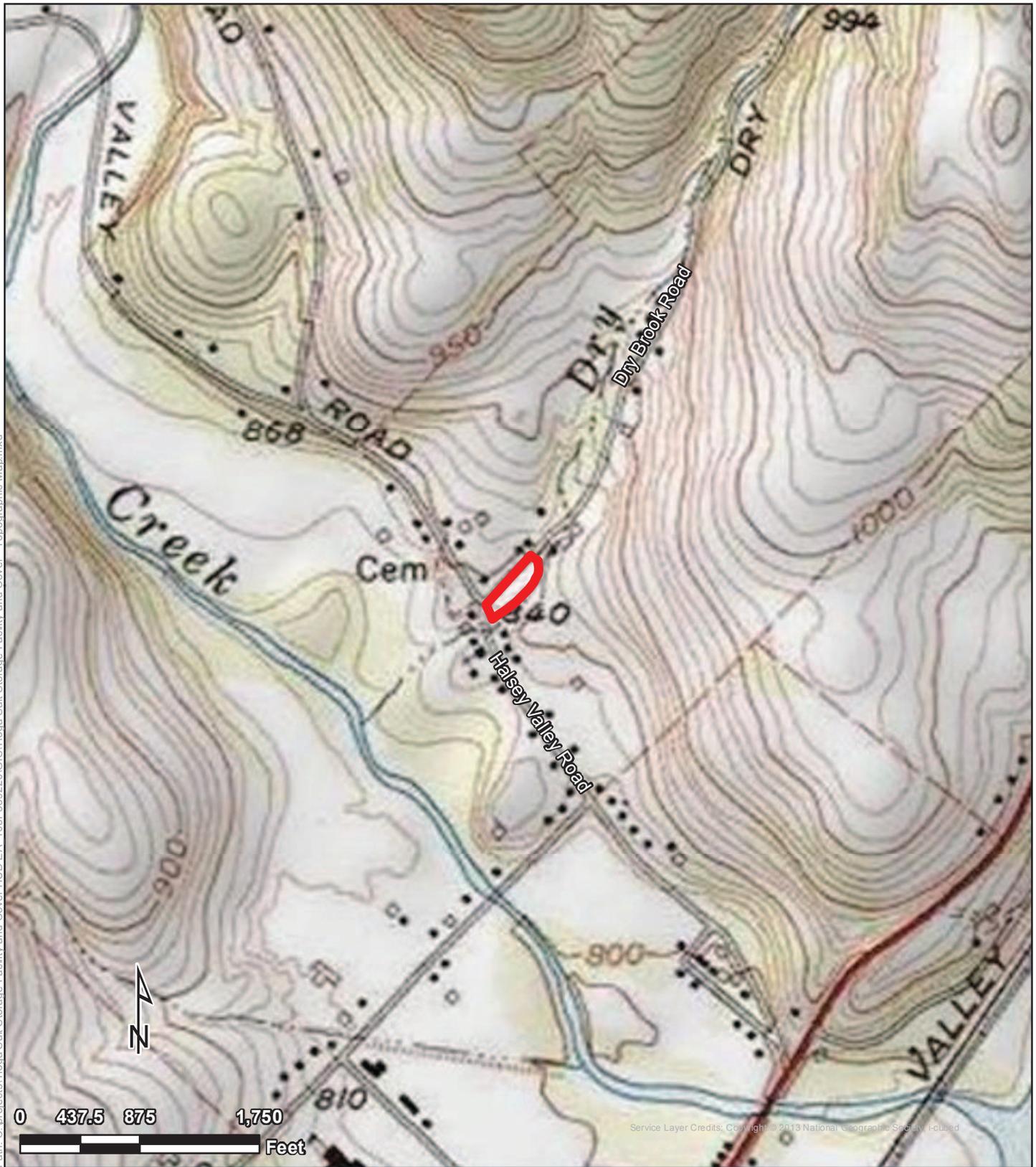
Request for Comment: The purpose of this letter is to initiate consultation pursuant to Section 106 of the NHPA per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. GOSR respectfully requests your review of the proposed project described herein. If you have any questions or require additional information regarding this request, please feel free to contact me at (646) 417-4660 or via email at Thomas.King@stormrecovery.ny.gov. Thank you for your time and consideration.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosure:
Project Location Map

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA_103\F359220\GIS\Tioga Salt Storage Facility and Cover - Topographic Map.mxd



Topographic Map

Legend

 Project Area

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York



Tetra Tech, Inc

New Consultation : 5MOUMF4EY6GN

Construction of a Salt Storage Facility, Town of Tioga, Tioga Co., NY

[Contacts](#) | [Overview](#) | [Location](#) | [Resources](#) | [Attachments](#) | **Summary**

Cancel

Step 6: Summary

This is the final step of the New Consultation Project wizard. The dialog below provides a summary of the information submitted for your project. Please review carefully and if any information is incorrect or incomplete, please use the "Previous" button to return to a desired step to correct or expand upon the information provided. When the summary below is confirmed, click the "Submit to SHPO" button to complete your submission.

Step 1
Primary Contact : Chris Borstel(chris.borstel@tetrattech.com)
Secondary Contacts : Thomas King (Thomas.King@StormRecovery.NY.Gov)
 Alicia Shultz (Alicia.Shultz@nyshcr.org)
 Mary Barthelme (Mary.Barthelme@stormrecovery.ny.gov)
 John Bock (john.bock@tetrattech.com)
 Joseph Fischl (Joseph.Fischl@tetrattech.com)

Step 2
Project Name : Construction of a Salt Storage Facility, Town of Tioga, Tioga Co., NY
Project Description : Proposed construction of a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road, Tioga, NY
Primary Agency : Governor's Office of Storm Recovery
Secondary Agencies : United States Department of Housing and Urban Development

Step 3
Project Location : 8 Dry Brook Rd, Tioga, ,

Step 4
Built Resources : Town of Tioga Highway Department Maintenance Building : 2 photo(s) ,0 attachment(s)

Step 5
Project Photos : 0 photo(s)
Project Attachments : 5 attachment(s)

Uploaded Files:

	Title	File
	GOSR_SHPO Letter_Tioga_Salt_Storage_GOSR_030116_w-map.pdf	2016-03-03T07-22-47_GOSRSHPOLetterTiogaSaltStorageGOSR030116wmap.pdf
	Tioga Maint Yd Sand-Gravel Piles 1995-2013.pdf	2016-03-03T07-24-53_TiogaMaintYdSandGravelPiles19952013.pdf
	Tioga Salt Shed 1 - Site Plan.pdf	2016-03-03T07-26-52_TiogaSaltShed1SitePlan.pdf
	Tioga Salt Shed 2 - Building Plan.pdf	2016-03-03T07-28-34_TiogaSaltShed2BuildingPlan.pdf
	Tioga Salt Shed 3 - Foundation Detail.pdf	2016-03-03T07-30-40_TiogaSaltShed3FoundationDetail.pdf

Previous Submit to SHPO

APPENDIX F
TRIBAL CORRESPONDENCE



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Clint Halfdown, Chief
Cayuga Nation of New York
P.O. Box 803
Seneca Falls, NY 13148

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Chief Clint Halfdown:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map

Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA_103\F359220\GIS\Tioga Salt Storage Facility and Cover - Topographic Map.mxd



Service Layer Credits, Copyright © 2013 National Geographic Society. Licensed

Topographic Map

Legend

 Project Area

Tioga Salt Storage Facility and Cover
8 Dry Brook Road
Town of Tioga
Tioga County, New York



Tetra Tech, Inc



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Tina Orbaker, Nation Representative-Assistant
Cayuga Nation of New York
P.O. Box 786
Seneca Falls, NY 13148

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Tina Orbaker:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

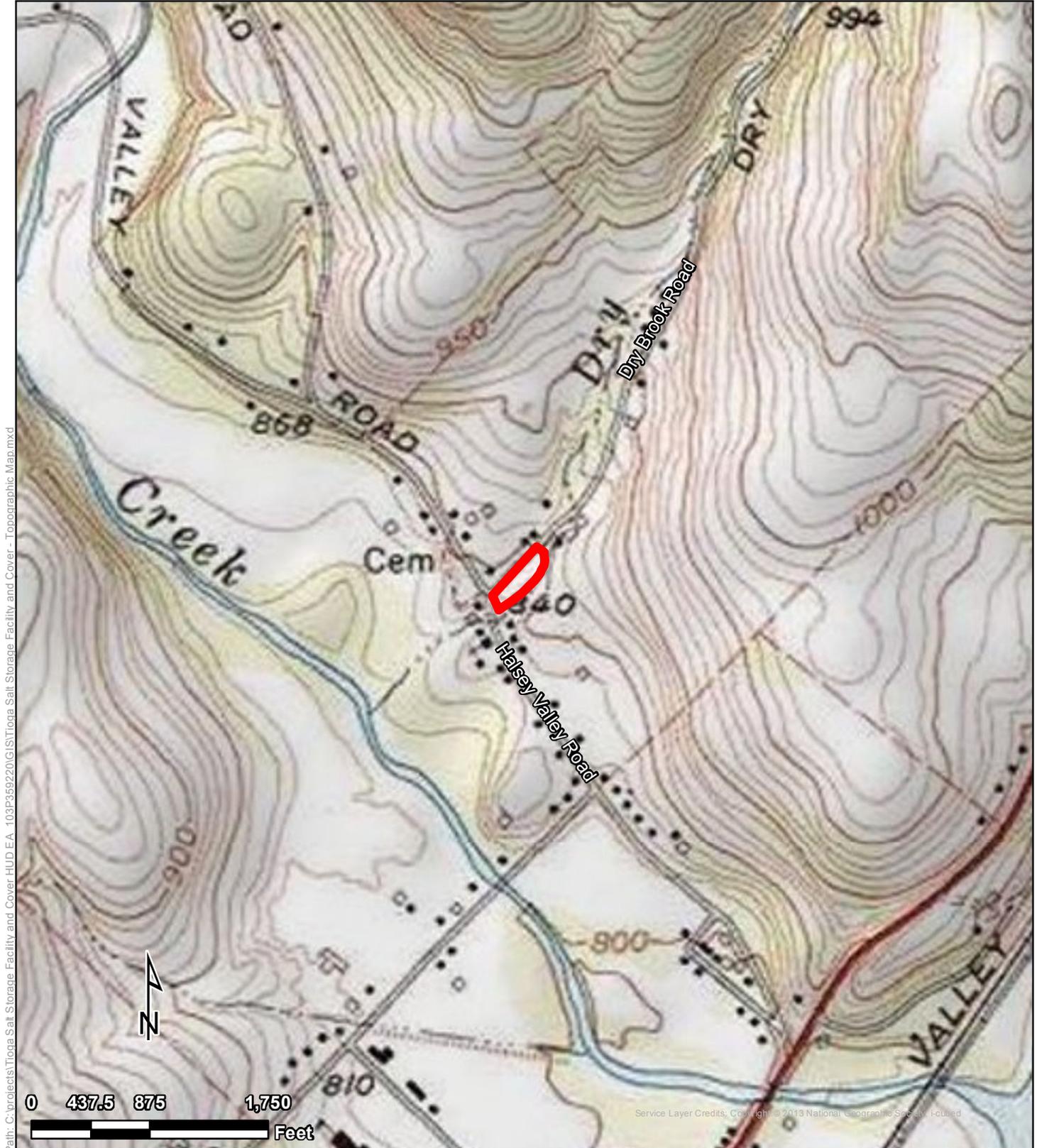
Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map



Topographic Map

Legend

 Project Area

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Tim Twoguns, Nation Representative
Cayuga Nation of New York
P.O. Box 786
Seneca Falls, NY 13148

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Tim Twoguns:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

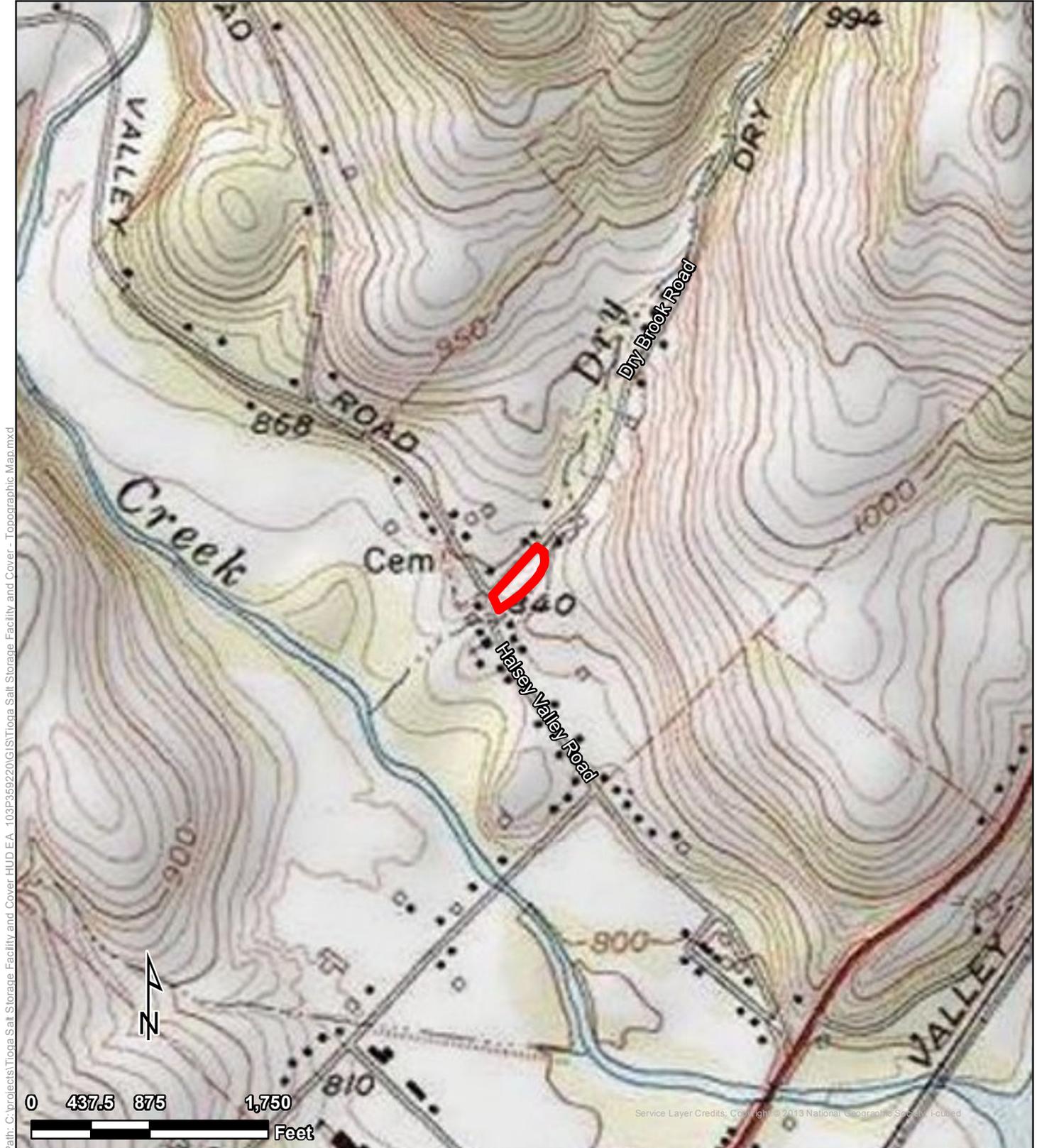
Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map



Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA_103\F359220\GIS\Tioga Salt Storage Facility and Cover - Topographic Map.mxd

Topographic Map

Legend

 Project Area

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Irving Powless, Chief
Onondaga Nation
RR#1, Box 319-B
Onondaga Nation via Nedrow, NY 13120

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Chief Irving Powless:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

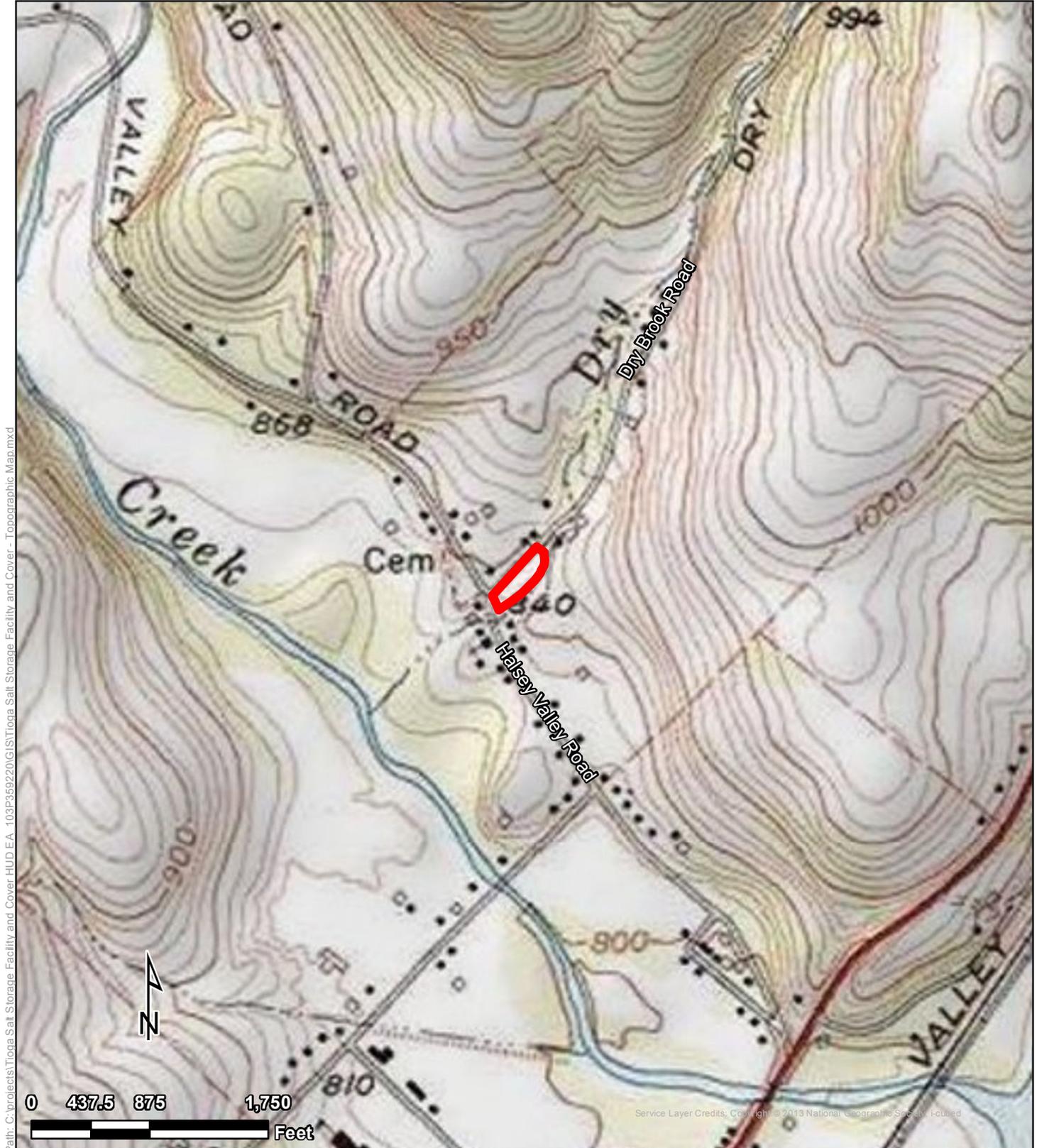
Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map



Topographic Map

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

 Project Area





Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Anthony Gonyea, Faithkeeper-Beaver Clan
Onondaga Nation
RR#1, Box 245
Onondaga Nation via Nedrow, NY 13120

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Anthony Gonyea:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

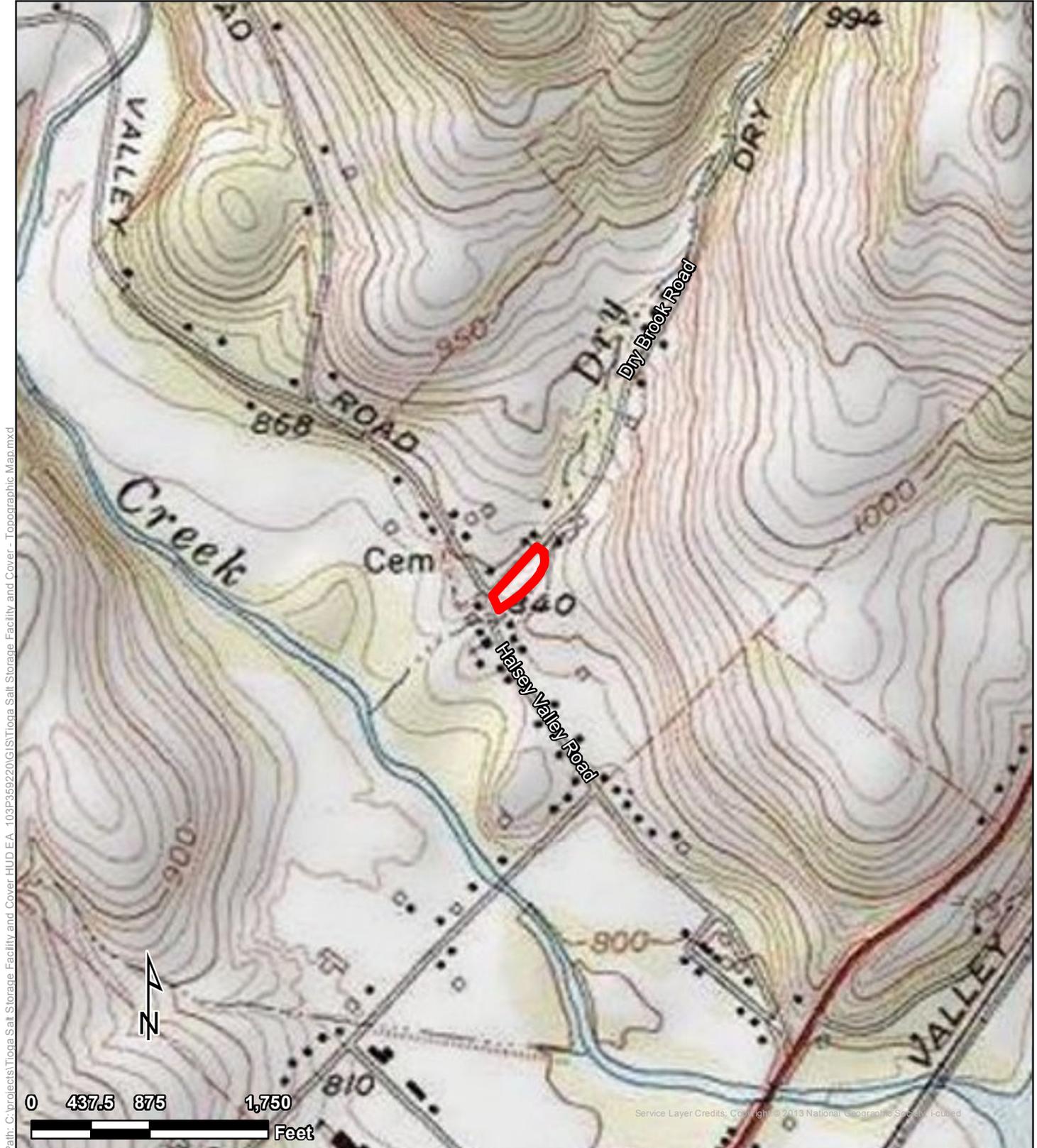
Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map



Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA_103\F359220\GIS\Tioga Salt Storage Facility and Cover - Topographic Map.mxd

Topographic Map

Legend

 Project Area

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York



Tetra Tech, Inc



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

March 1, 2016

Ms. Thane Joyal
Attorney at Law, Counsel to Onondaga Nation
512 Jamesville Avenue
Syracuse, NY 13210

Re: Section 106 Discussion CDBG-DR, NYRCR Construction of a Salt Storage Facility
Town of Tioga, Tioga County, New York

Dear Ms. Thane Joyal:

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) is acting under the auspices 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"). GOSR is 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 proposes to provide for upgrades to the existing Village of Saugerties Potable Water Treatment Plant, which is located in the Town of Saugerties, Ulster County. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), 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 Cayuga Nation of New York and the Onondaga Nation.

Area of Potential Effects: GOSR proposes to fund the application to construct a new salt storage facility in an existing town highway department storage yard located at 8 Dry Brook Road (Lat. 42.067193°, Long. -76.350738°), in the Town of Tioga, Tioga County, New York.

Proposed Project Description:

The proposed salt storage facility will help the facility resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands resulting from outdoor storage of materials and from flooding of the highway department yard by neighboring Dry Brook.

The proposed structure will cover approximately 75 by 102 feet with additional grading to an undetermined extent of the surrounding existing storage yard. The arched structure will rise to a height of 32 feet above grade and be built of precast concrete foundation elements, structural steel



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

trusses, and a cover, possibly fabric.

The project is located within an existing town highway department storage yard. Review of historic aerial imagery found that the project location has served as a storage yard since at least 1948, during which time, the ground has been subjected to regular movements by mechanized loaders, heavy trucks, and other construction machinery as sand, gravel, and other stockpiled materials have been delivered, loaded, and moved around. The highway department storage yard has not been previously inventoried. There are no recorded archeological sites on the property or in its immediate vicinity. The nearest archeological locality is the historic period Shaw Site (USN 10709.000040 / NYSM 10582), situated approximately 3,000 feet to the southeast. The yard is located within a SHPO archeological sensitivity polygon.

Pursuant to NHPA Section 106, GOSR has initiated consultation with the State Historic Preservation Office (SHPO) concerning this Project and its potential to affect historic resources that are listed on or eligible for listing on the NRHP. No comments have been received from the SHPO to date. GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. 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.

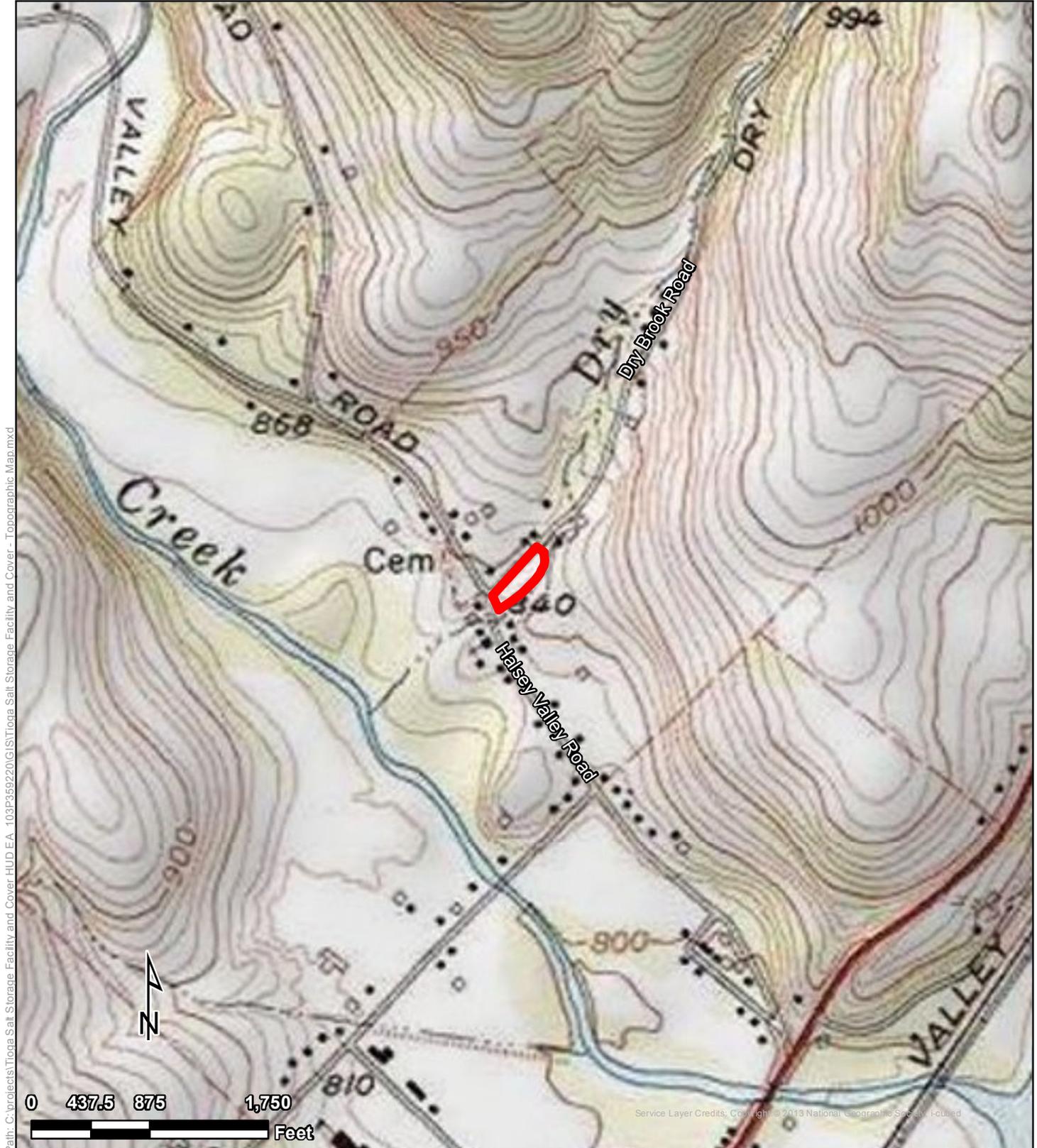
Mr. Thomas King
Certifying Environmental Officer
Governor's Office of Storm Recovery
99 Washington Avenue, Suite 1224
Albany, New York 12260

I am available to answer any questions that you may have regarding this action. If you have any questions, please feel free to contact me at (518) 473-0015 or via email at Thomas.King@stormrecovery.ny.gov.

Sincerely,

Thomas J. King
Assistant General Counsel and Certifying Officer
Governor's Office of Storm Recovery

Enclosures:
Project Area Map



Topographic Map

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

 Project Area



APPENDIX G
SOLE SOURCE AQUIFER



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

JAN 20 2016

Mr. Thomas J. King
Director – Bureau of Environmental Review
and Assessment
Governor’s Office of Storm Recovery
25 Beaver Street
New York, NY 10004

Dear Mr. King:

This is in response to your letter dated December 22, 2015 requesting a Sole Source Aquifer (SSA) review of the proposed construction of a salt-storage facility in the Town of Tioga, Tioga County, New York. The project is to receive funding from the U.S. Department of Housing and Urban Development’s Community Development Block Grant - Disaster Recovery program (CDBG-DR). The project site is located in the Clinton Street Ballpark Aquifer System, designated by the U.S. Environmental Protection Agency (EPA) as a Sole Source Aquifer on January 14, 1985 (citation 50 CFR 2025). Therefore, our review has been conducted in accordance with Section 1424(e) of the Safe Drinking Water Act (SDWA).

The salt pile is currently covered with a tarpaulin and (estimating from an aerial view) occupies an area of approximately 1,450 square feet on a largely unoccupied and open lot that is approximately 1.4 acres. The pile is less than ten feet in from Dry Brook Road which is to the north of the site, and runs in a roughly east-west direction. We understand that part of the open area is used to mix salt and sand, and to load the mixture onto trucks for roadway de-icing. The topography of the site is relatively flat but slopes slightly to the southeast. Although the final design has not been finalized, the salt-storage shed will consist of a prefabricated structure approximately 60 feet by 100 feet by 20 feet high. It will be largely of steel but also will have a 4-foot high concrete wall at the base.

When the final plans are drawn, we request that special attention be paid to the area where trucks deliver and withdraw salt, and where the salt is mixed with sand. The information provided indicates that since the transfer of salt (or sand/salt mixtures) onto and off vehicles most likely will take place *outside* the salt storage facility—perhaps near the entranceway—there is the opportunity for spillage. We thus recommend that the applicant have a plan in place which should indicate what steps will be taken to minimize such salt spillage and, if it occurs, what remedial steps will be taken to prevent the salt from entering the ground and threatening the aquifer. We also request that after construction is completed, groundwater samples from private wells within ¼-mile of the site be sampled for sodium to serve as a reference point for any future measurements that may be necessary.

We note that the site does not receive public water, does not have a well, and does not generate wastewater. It is not clear how stormwater will be managed on this unvegetated site, but we recommend that some planting and landscaping be done to minimize stormwater runoff. Please see our recommendations on stormwater and environmentally friendly landscaping.

Based on the information provided, the project satisfies the requirements of Section 1424(e) of the SDWA. Please be advised that meeting the requirements of 1424(e) does not preclude the need to meet National Environmental Policy Act (NEPA) requirements to address direct, indirect, and cumulative impacts. This review does not constitute a review under Section 309 of the Clean Air Act; EPA therefore reserves the right to review additional environmental documents on this project.

At this time, EPA offers the following comments to minimize environmental impacts and to create a more sustainable project.

Clean Diesel:

Implement diesel controls, cleaner fuel, and cleaner construction practices for on-road and off-road equipment used for transportation, soil movement, or other construction activities, including:

- Strategies and technologies that reduce unnecessary idling, including auxiliary power units, the use of electric equipment, and strict enforcement of idling limits; and
- Use of clean diesel through add-on control technologies like diesel particulate filters and diesel oxidation catalysts, repowers, or newer, cleaner equipment.

For more information on diesel emission controls in construction projects, please see: <http://www.northeastdiesel.org/pdf/NEDC-Construction-Contract-Spec.pdf>

Stormwater:

We emphasize the importance of Low Impact Development (LID) principles such as minimizing effective imperviousness to create site drainage, and the planting of native and non-invasive vegetation on the project site for stormwater management purposes. Other LID practices can include bioretention facilities, rain gardens, vegetated rooftops, rain barrels, and permeable pavements. For further information, please see the following website:

<http://water.epa.gov/polwaste/green/>

Encourage cost-efficient, environmentally friendly landscaping:

There are many benefits to making greener landscaping choices. For additional information, please see the following website:

<http://www2.epa.gov/greenerproducts/identifying-greener-landscaping-choices>

Energy-Efficiency:

Energy-efficient technologies should be incorporated into all aspects of the project. Please see the following website: <http://www.energystar.gov>

If you have any questions concerning this matter or would like additional information, please feel free to contact Rajini Ramakrishnan of my staff at (212) 637-3731.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Grace Musumeci".

Grace Musumeci, Chief
Environmental Review Section



Governor's Office of Storm Recovery



Andrew M. Cuomo
Governor

Lisa Bova-Hiatt
Executive Director

December 22, 2015

Ms. Grace Musumeci
U.S. Environmental Protection Agency
Region II Main Regional Office
290 Broadway, 25th Floor New York, NY 10007

Re: Sole Source Aquifer Consultation for CDBG-DR Funding Application for Tioga Salt Storage and Cover Project, Town of Tioga, Tioga County, New York

Dear Ms. Musumeci:

The New York State Governor's Office of Storm Recovery (GOSR) received a funding application for the Tioga Salt Storage and Cover Project, for the construction of a steel building with roof and sidewalls in the Town of Tioga, Tioga County, New York. The project would be constructed at 8 Dry Brook Road, Tioga, New York 13734. The project entails the construction of a steel building with roof and sidewall to mitigate the loss of salt and associated impacts to neighboring waterways and agricultural property during storm and flood events. Please see the attached project description.

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.), GOSR is acting under the auspices 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) and is the entity responsible for compliance with the HUD NEPA environmental review procedures set forth in 24 C.F.R. Part 58. 24 C.F.R. Part 58 requires GOSR to review projects for conformance with the Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300(f) et seq., and 21 U.S.C. 349) as amended, and Environmental Protection Agency (EPA) regulations pertaining to Sole Source Aquifers found at 40 C.F.R. Part 149

In accordance with the Memorandum of Understanding ("MOU") between EPA and HUD dated August 24, 1990, GOSR hereby requests an Initial Screen/Preliminary Review for the project. Please review the attached documentation, including Attachment 2.A and 3 to the MOU. Responses can be sent to me via email at thomas.king@stormrecovery.ny.gov. In accordance with the MOU, please respond within fifteen days. If you have any questions, please call me at (646) 417-4660.

Sincerely,

Thomas J. King
Certifying Officer
Governor's Office of Storm Recovery
NYS Homes and Community Renewal

ATTACHMENT 2.A

NON-HOUSING/PROJECT ACTIVITY INITIAL SCREEN CRITERIA

The following list of criteria questions are to be used as an initial screen to determine which **non-housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For housing projects/activities see Attachment 2.B) If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and any other pertinent information should then be forwarded to EPA at the address below.

Any project/activity not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded. Contact EPA if you have any questions.

Chief, Environmental Impacts Branch
USEPA Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

CRITERIA QUESTIONS

- | | <u>YES</u> | <u>NO</u> | <u>N/A</u> |
|---|------------|-----------|------------|
| 1. Is the project/activity located within a currently designated or proposed groundwater sensitive area such as a special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.? [This information can be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.] | <u>X</u> | ___ | ___ |
| 2. Is the project/activity located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.] | ___ | <u>X</u> | ___ |

3. Will the project/activity include or directly cause: (check appropriate items)

- construction or expansion of solid waste disposal, recycling or conversion facilities ___ X ___
- construction or expansion or closure of landfills ___ X ___
- construction or expansion of water supply facilities [define] ___ X ___
- construction or expansion of on-site wastewater treatment plants or sewage trunk lines [define] ___ X ___
- construction or expansion of gas or petroleum trunk lines greater than 1320 feet ___ X ___
- construction or expansion of railroad spurs or similar extensions ___ X ___
- construction or expansion of municipal sewage treatment plants ___ X ___

4. Will the project/activity include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents? ___ X ___

5. Will the project/activity include bulk storage of petroleum in underground or above ground tanks in excess of 1100 gallons?
(Please give what assurance they are done in a proper manner) ___ X ___

6. Will the project/activity require a federal or state discharge elimination permit or modification of an existing permit? ___ X ___

This attachment was completed by:

Name: Cliff Jarman

Title: Senior Environmental Scientist/Planner

Address: 1401 Lime Rock Drive

Round Rock, TX 78681

Telephone number: 512-244-2192

Date: 12/18/15

ATTACHMENT 3

SSA PRELIMINARY REVIEW INFORMATION REQUIREMENTS

Where currently available, the information in this Attachment should be provided to the Environmental Protection Agency (see address below) along with the application/final statement; Attachment 2.A, Non-Housing Initial Screen Criteria or Attachment 2.B, Housing Initial Screen Criteria; and any other information which may be pertinent to a Sole Source Aquifer review. Where applicable, indicate the source of your information.

Chief, Environmental Impacts Branch
USEPA Region II
26 Federal Plaza, Room 500
New York, New York 10278
(212) 264-1840

ENCLOSED
YES NO

I. Project/Activity Location

1. Provide the geographic location and total acreage of the project/activity site. Include a site location map which identifies the site in relation to the surrounding area. [Examples of maps which can be used include: 1:24,000 or 1:25,000 U.S. Geological Survey quadrangle sheet, Hagstroms Street Map.] X ___

2. If applicable, identify which groundwater sensitive areas (Special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area etc.) the project/activity is located within or adjacent to. [This information may be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.] X ___

II. Nature of Project/Activity

3. Provide a general narrative describing the project/activity including but not limited to: type of facility; type of activities to be conducted; number and type of units; number of residents etc. Provide the general layout of the project/activity site and a site-plan if available. X ___

III. Public Water Supply

4. Provide a description of plans to provide water supply. X ___

4. Provide the location of nearby existing or proposed public water supply wells or wellfields within a one half mile radius (2640 feet) of the project/activity. Provide the name of the supplier(s) of those wells or wellfields. This information should be available from the local health department, State health department or the State environmental agency. X ___

V. Wastewater and Sewage Disposal

5. Provide a description of plans to handle wastewater and sewage disposal. If the project/activity is to be served by existing public sanitary sewers provide the name of the sewer district. X ___

7. Provide a description of plans to handle storm water runoff. X ___

7. Identify the location, design, size of any on-site recharge basins, dry wells, leaching fields, retention ponds etc. X ___

This form was completed by:

Name: Cliff Jarman

Title: Senior Environmental Scientist/Planner

Address: 1401 Lime Rock Drive

Round Rock, TX 78681

Telephone number: 512-244-2192

Date: 12/18/15

Project Location/Activity Location

The project site is the parcel located at 8 Dry Brook Road, Tioga, in Tioga County, New York (**Figures 1 and 2**). The Town of Tioga uses the parcel as a highway salt storage and distribution. The salt is currently piled and mixed in an open cleared lot on the parcel. During past flood events, water flowing through the parcel has washed salt away and into neighboring waterways and agricultural property.

The project site is within the bounds of the Clinton Street Ballpark Sole Source Aquifer Designated Area (**Figure 3**).

Adjoining properties include a residence and agricultural property across Dry Brook to the east and south; residences and agricultural properties across Halsey Valley Road to the southwest; and residences to the west and north.

The topography of the site is relatively flat with slight slopes to the southeast. The site is approximately 1.4 acres with two maintenance structure and 1.2 acres of open lot used to store, mix, and load salt for road de-icing. The 1.2-acre open lot is pervious (85 percent pervious).

Nature of Project/Activity

The Town is proposing to construct a salt storage facility and cover at this location to mitigate this salt loss and the associated impacts to the neighboring waterways and agricultural property from salt contamination during future storm and flooding events.

The construction will consist of steel internal supports and straight sidewalls and will be designed to prevent run-off of materials. The facility will consist of a premanufactured approximately 60 feet by 100 feet and approximately 20 feet tall metal framed structure with a cover. Also, a concrete wall (approximately 4 feet high) will be constructed at the base of the east side of the building to prevent water from entering the facility. A site-plan showing the location of the salt storage facility has not been finalized. Figure 2 shows the location of the project and the location of current structures on the parcel as well as the current salt storage pile.

The construction would disturb up to 1.2 acres of previously disturbed land. The proposed building would result in increase of 0.14 acres of impervious surface (~10 percent) for a total of 0.32 acres (23 percent) impervious surface.

The proposed salt storage facility and cover will help the facility to resist storm damage and protect the local community and environment from salt contamination to waterways and agricultural lands.

Public Water Supply

The facility does not have access to public water and does not have a well. The facility serves solely as a salt storage area.

Wastewater and Sewage Disposal

No wastewater or sewage is generated at the facility. The facility serves solely as a salt storage area. As part of the construction plans, site plans, a storm water management plan will be prepared for the facility including diversion of water from the salt storage structure and a retention basin. The basin will be sized to retain stormwater onsite. There are no storm water sewers.

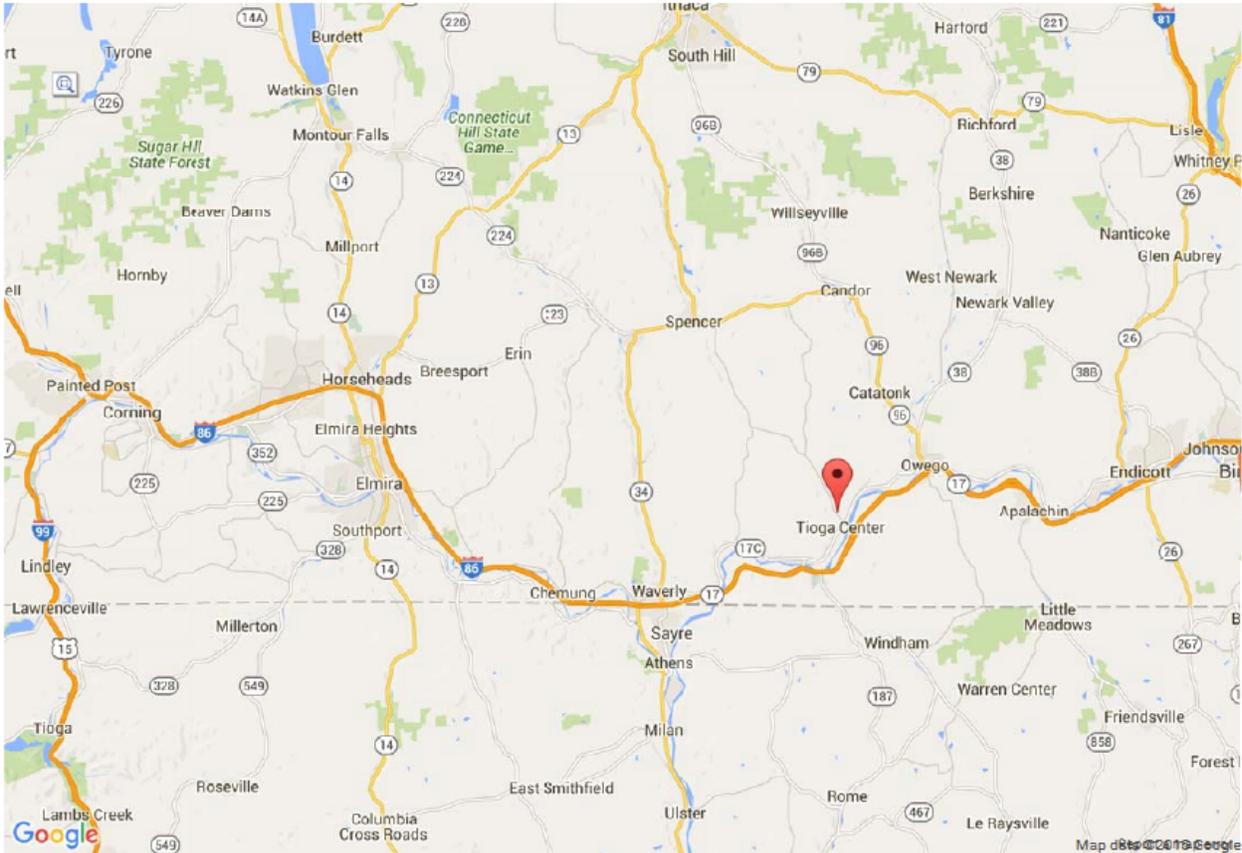


Figure 1. Site Location



Project Area

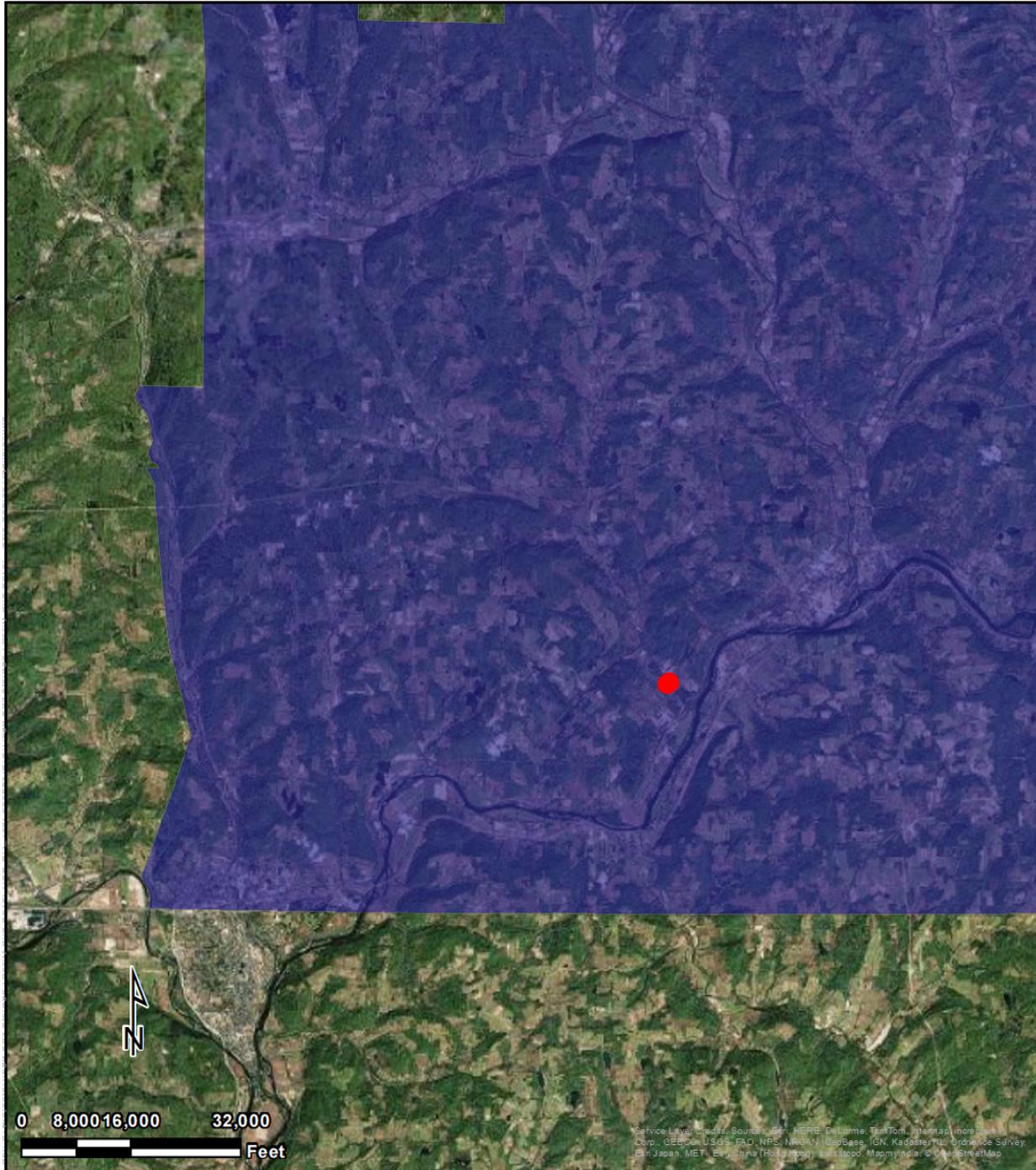
Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

 Project Area



Figure 2. Aerial View of Project Site.



Sole Source Aquifers

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

- Legend**
- Project Area
 - Clinton Street Ballpark SSA



Figure 3. Site Location within Sole Source Aquifer

APPENDIX H
WETLANDS



Path: C:\projects\Tioga Salt Storage Facility and Cover HUD EA - 103P369220\GIS\Tioga Salt Storage Facility and Cover - Freshwater Wetlands.mxd

Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap

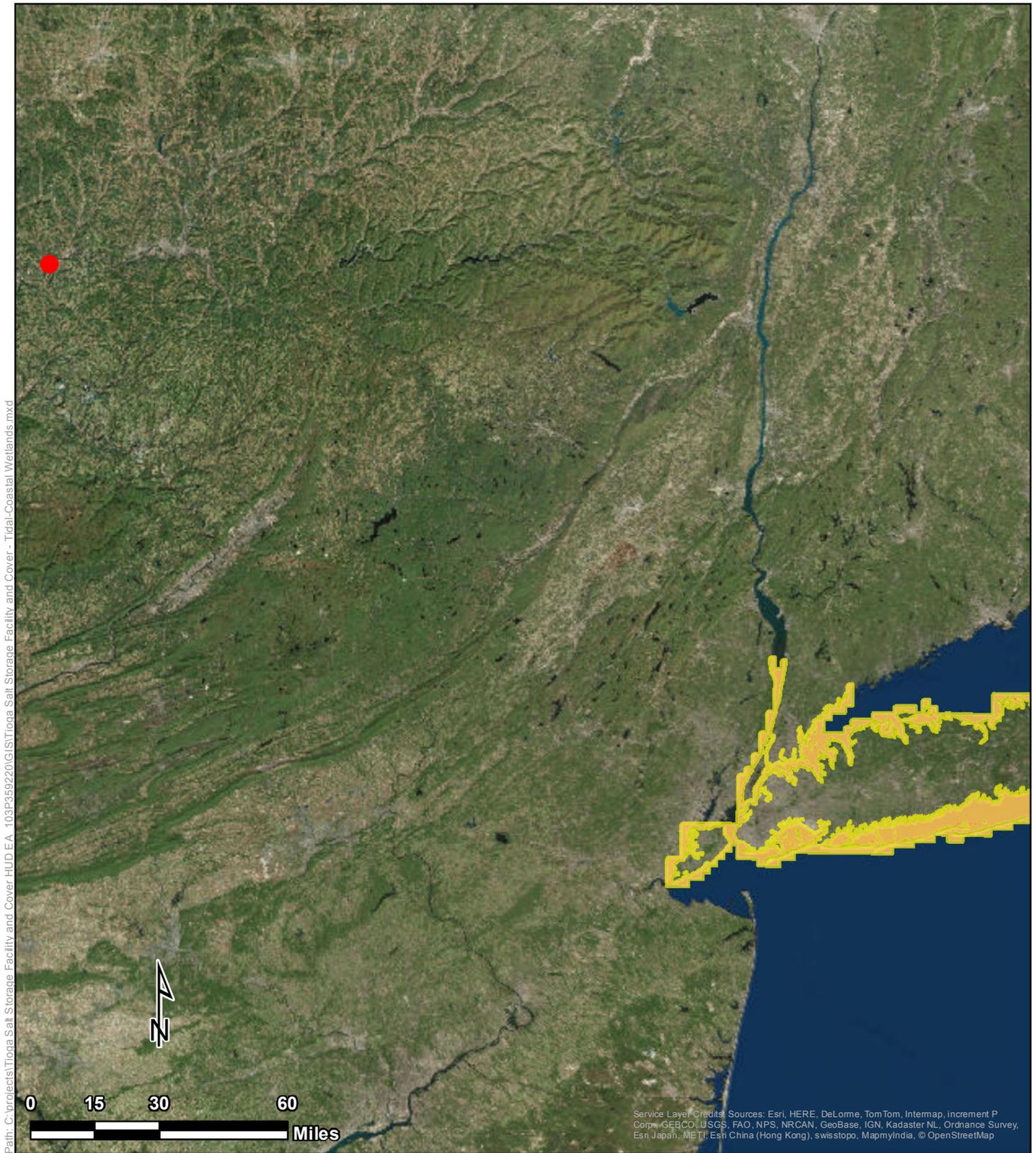
Legend

- Project Area
- NYS Freshwater Wetlands
- NYS Freshwater Wetlands Buffer
- NWI Wetlands**
- Riverine

Freshwater Wetlands

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York





Tidal-Coastal Wetlands

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

- Project Area
- Tidal - Coastal Wetlands
- Tidal - Coastal Wetlands 300ft Buffer

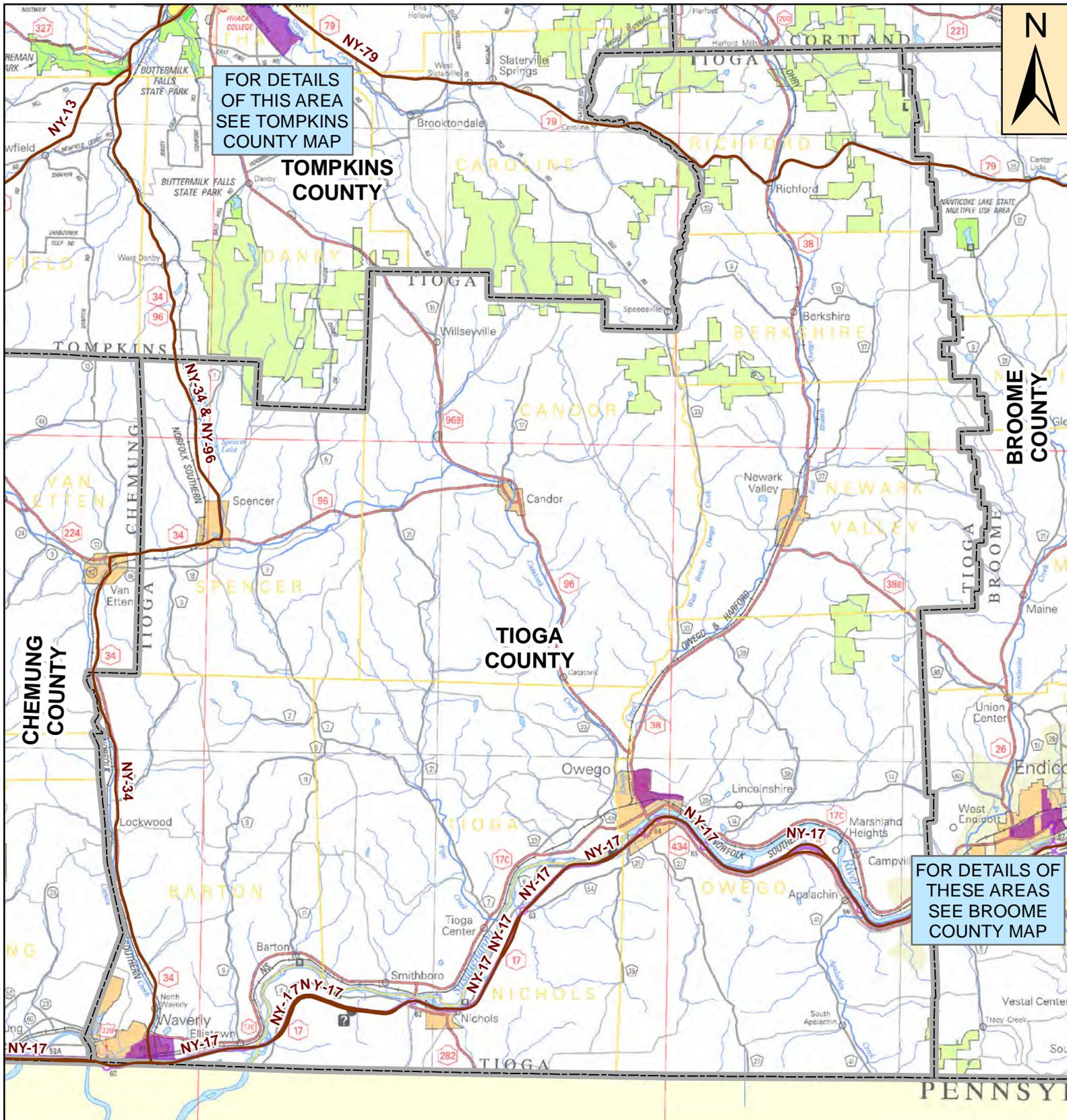


Tetra Tech, Inc

APPENDIX I
POTENTIAL ENVIRONMENTAL JUSTICE
AREAS

Potential Environmental Justice Areas in Tioga County, New York

Click on any Potential EJ Area outlined in blue for a detailed map



This computer representation has been compiled from supplied data or information that has not been verified by NYSDEC. The data is offered here as a general representation only and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information.

NYSDEC does not guarantee the accuracy, completeness, or timeliness of the information shown and shall not be liable for any loss or injury resulting from reliance.

Data Source for Potential Environmental Justice Areas:
U.S. Census Bureau, 2000 U.S. Census

Legend

- Potential EJ Area
- County Boundary

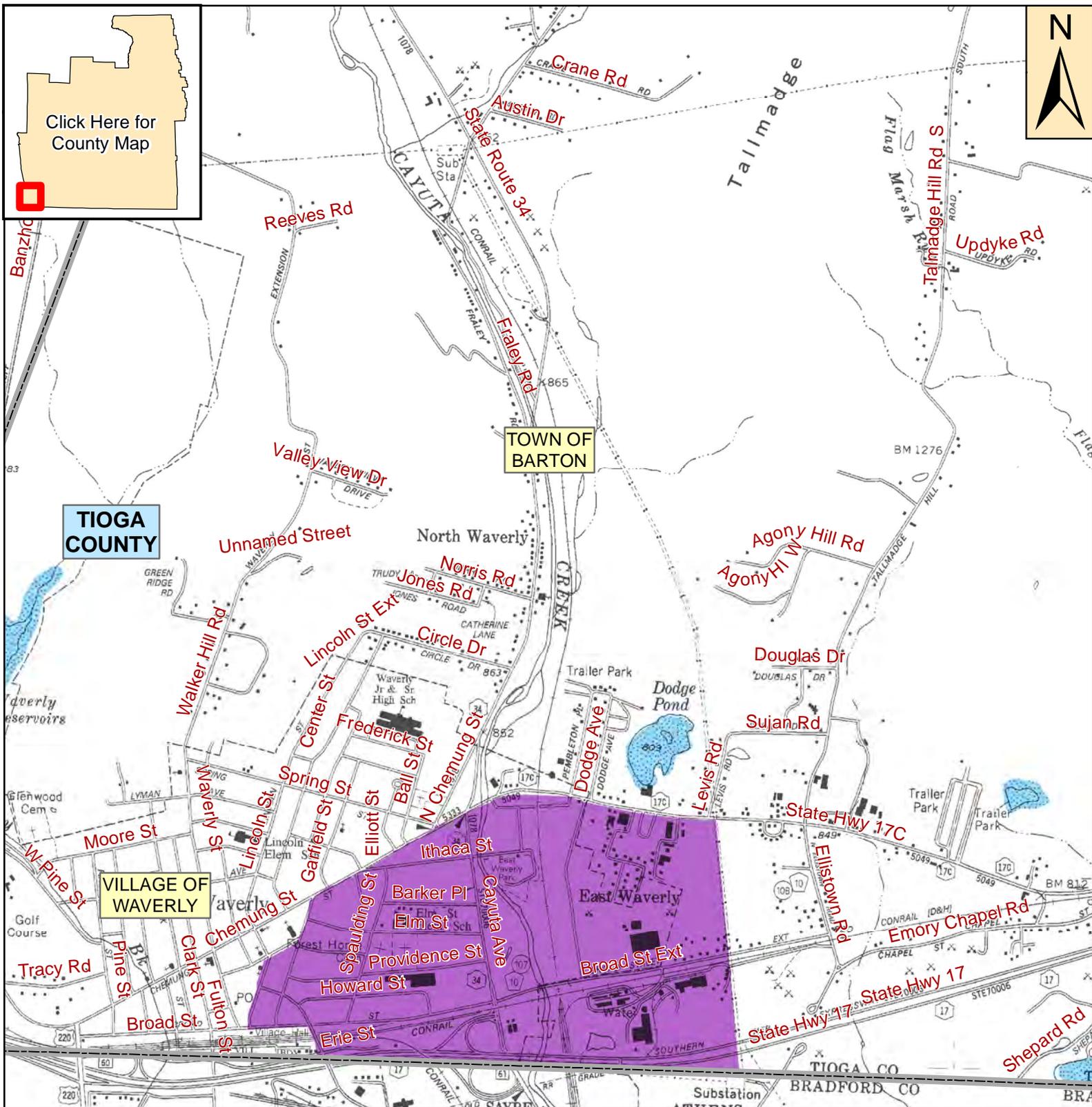


SCALE: 1:225,000

For questions about this map contact:
New York State Department of
Environmental Conservation
Office of Environmental Justice
625 Broadway, 14th Floor
Albany, New York 12233-1500
(518) 402-8556
ej@gw.dec.state.ny.us



Potential Environmental Justice Areas in the Village of Waverly Tioga County, New York



This computer representation has been compiled from supplied data or information that has not been verified by NYSDEC. The data is offered here as a general representation only and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information.

NYSDEC does not guarantee the accuracy, completeness, or timeliness of the information shown and shall not be liable for any loss or injury resulting from reliance.

Data Source for Potential Environmental Justice Areas:
U.S. Census Bureau, 2000 U.S. Census

Legend

-  Potential EJ Area
-  County Boundary
-  Waterbodies

0 0.2 0.4 0.6 0.8 1
Miles

SCALE: 1:24,000

For questions about this map contact:
New York State Department of
Environmental Conservation
Office of Environmental Justice
625 Broadway, 14th Floor
Albany, New York 12233-1500
(518) 402-8556
ej@gw.dec.state.ny.us



Click Here for
County Map

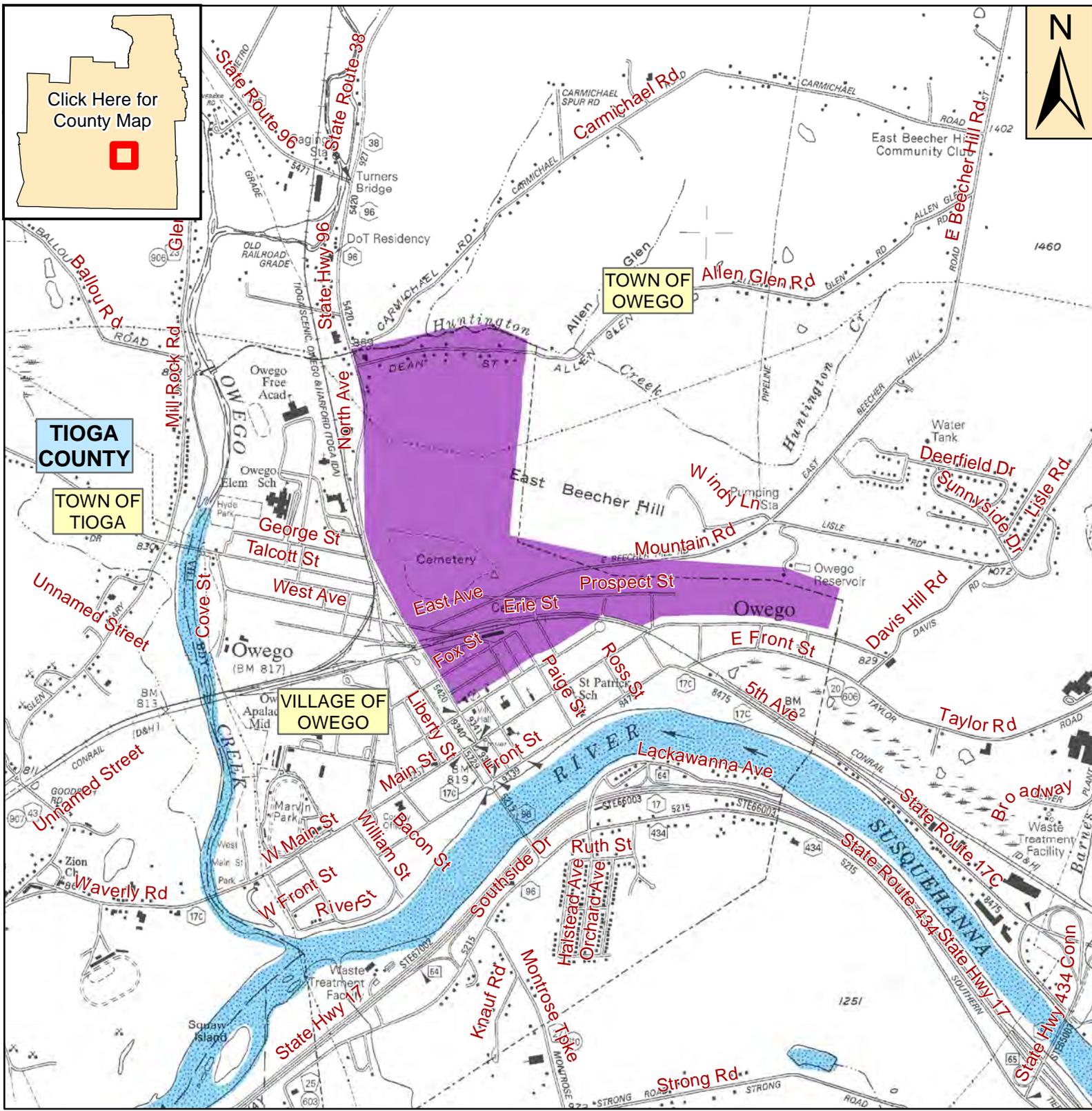


**TIOGA
COUNTY**

**VILLAGE OF
WAVERLY**

**TOWN OF
BARTON**

Potential Environmental Justice Areas in the Village of Owego Tioga County, New York



TIOGA COUNTY

TOWN OF TIOGA

VILLAGE OF OWEGO

TOWN OF OWEGO

Unnamed Street

Unnamed Street

Waverly Rd

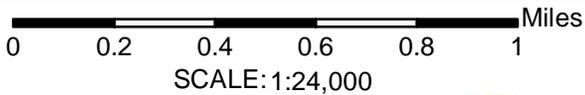
State Hwy 17

This computer representation has been compiled from supplied data or information that has not been verified by NYSDEC. The data is offered here as a general representation only and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information.

NYSDEC does not guarantee the accuracy, completeness, or timeliness of the information shown and shall not be liable for any loss or injury resulting from reliance.

Data Source for Potential Environmental Justice Areas: U.S. Census Bureau, 2000 U.S. Census

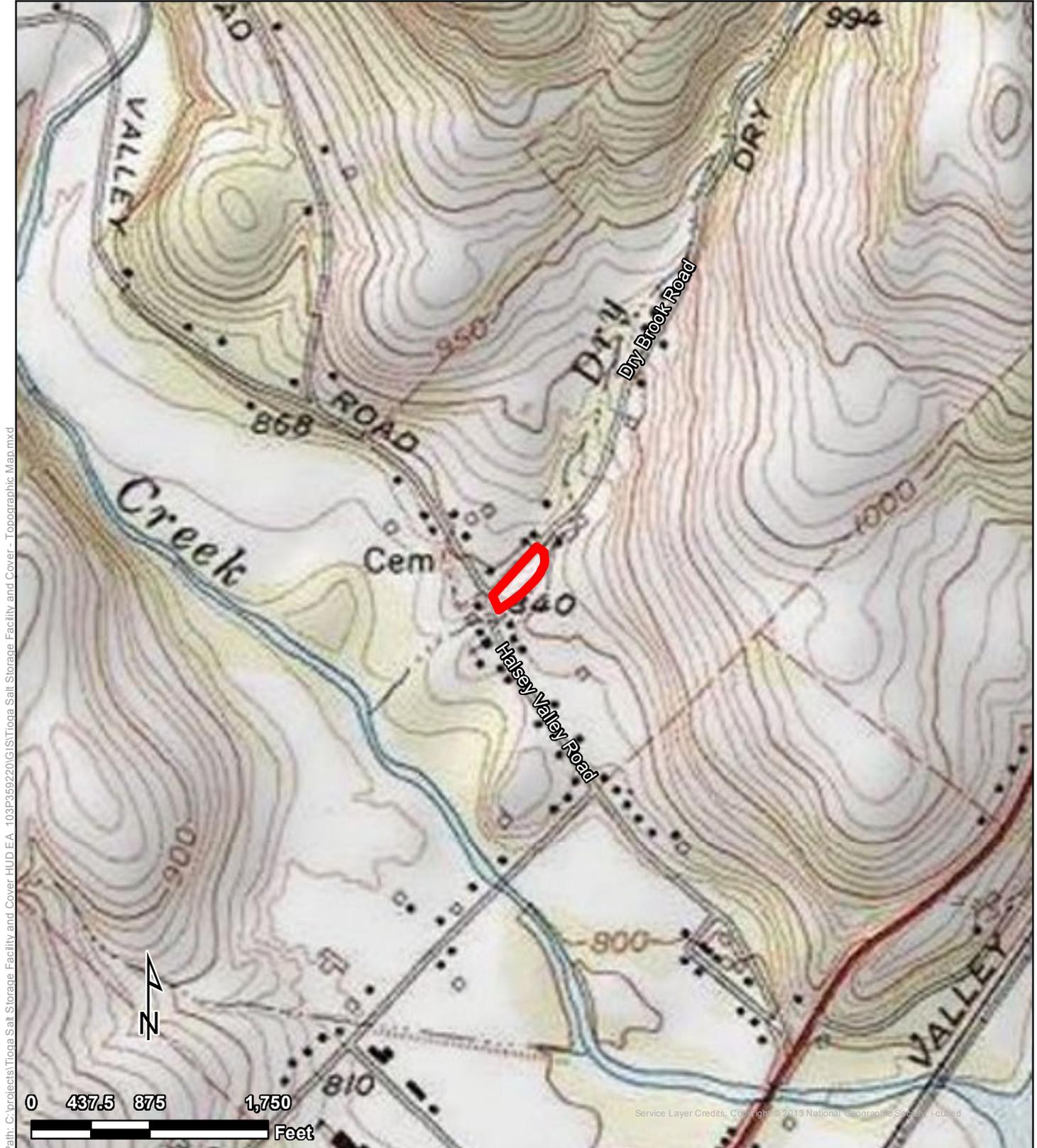
- Legend**
- Potential EJ Area
 - County Boundary
 - Waterbodies



For questions about this map contact:
 New York State Department of Environmental Conservation
 Office of Environmental Justice
 625 Broadway, 14th Floor
 Albany, New York 12233-1500
 (518) 402-8556
 ej@gw.dec.state.ny.us



APPENDIX J
TOPOGRAPHIC MAP

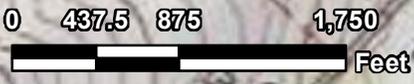


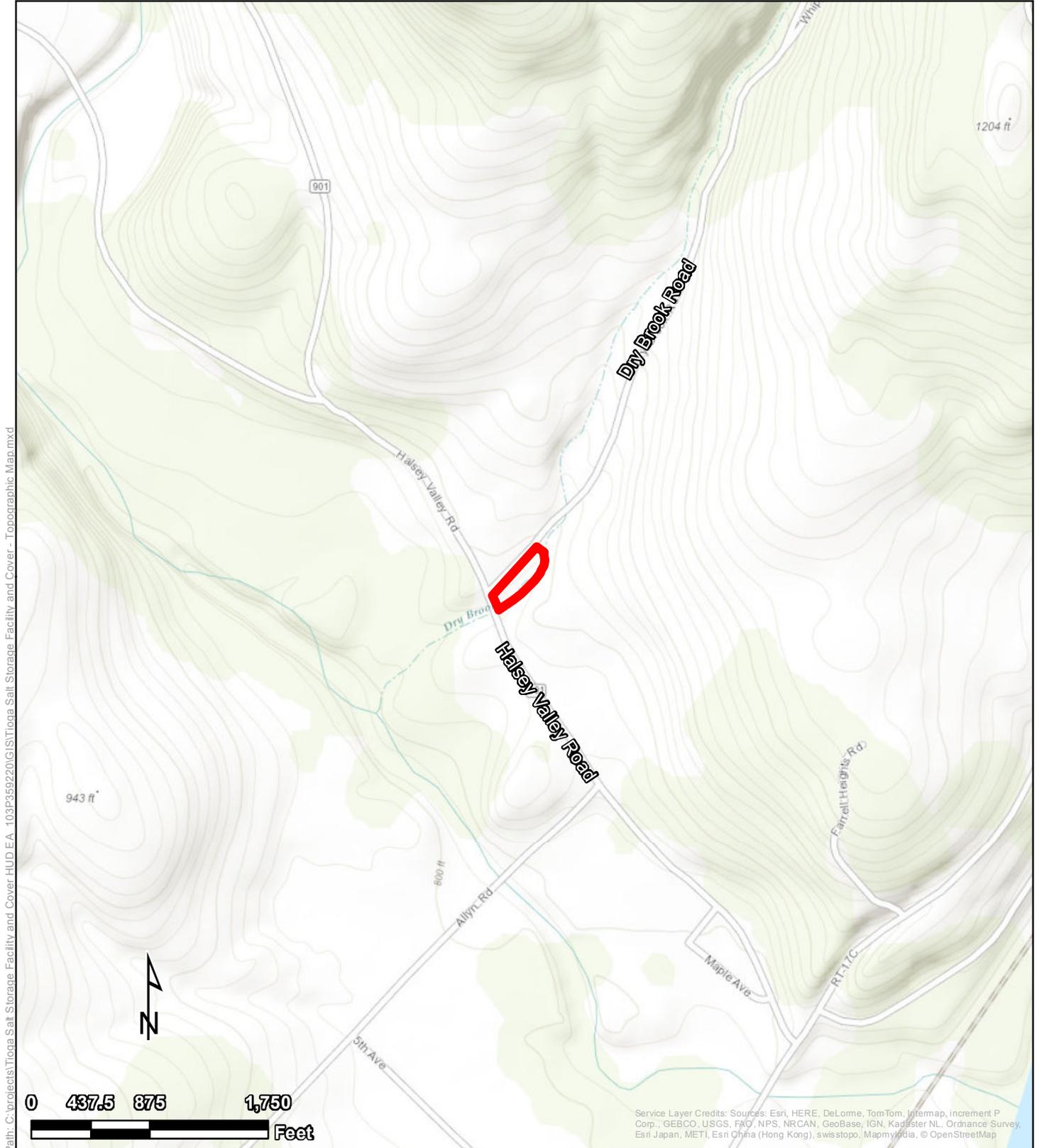
Topographic Map

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

 Project Area





Topographic Map

Tioga Salt Storage Facility and Cover
 8 Dry Brook Road
 Town of Tioga
 Tioga County, New York

Legend

 Project Area