

# **PART 3 SUPPORTING INFORMATION**

EVALUATION OF THE MAGNITUDE AND IMPORTANCE OF PROJECT IMPACTS

for

## **Albany County Water Purification District Sludge Processing Improvements Project**

**Located in the City of Albany and Village of Menands  
Albany County, New York**

March 2024

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Appendix A — Coordinated Review Responses

Appendix B — Environmental Review Documentation

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**A. PROJECT DESCRIPTION**

The Albany County Water Purification District (ACWPD) plans to consolidate the solids handling processes at their North and South WWTPs via the installation of two (2) sludge transfer pumps and a 4-mile 6" HDPE forcemain to convey liquid sludge from the South WWTP to the North WWTP, the installation of sludge receiving and dewatering equipment at the North WWTP, and the rehabilitation of the North WWTP sewage sludge incinerator (SSI). A sludge screening system will be installed at the South WWTP ahead of the proposed transfer pumps. Planned North WWTP thickening and dewatering improvements include the installation of two (2) new sludge thickeners and additional sludge dewatering equipment. Planned North WWTP SSI rehabilitation work includes the replacement of refractory linings, burners, ash disposal equipment, and various other miscellaneous items, as well as an upgrade of the SSI's emissions control systems. Other improvements planned as part of this project include the installation of large-bubble mixing systems in the sludge holding tanks at both the North and South WWTP to replace existing mechanical mixers, the replacement of three (3) sludge transfer pumps at the North WWTP, the installation of two (2) new sludge thickeners at the North WWTP to replace the existing dissolved air floatation thickeners, decommissioning of the South WWTP incinerator, and the installation of all associated piping, instrumentation, controls, and appurtenances. The project also includes improvements to the North WWTP's Fats, Oils and Grease (FOG) receiving capabilities. A new FOG receiving station and associated decant tank will be installed at the North WWTP, which will separate the FOG component from grease trap waste and generate a low-moisture brown grease product that can be used as a biofuel and sold on commodities markets as a substitute for No. 6 fuel oil. The project locations are shown on the attached Figure 1.

**B. COORDINATED REVIEW**

On behalf of the Albany County Legislature, the Albany County Water Purification District completed Part 1 of the Full Environmental Assessment Form (FEAF). The FEAF Part 1 and a project location map were sent electronically to the agencies listed in Table 1 on February 26, 2024 to initiate a coordinated review of the proposed action.

Table 1— Interested and Involved Agencies		
Involved Agencies	Interested Agencies	Other Entities Provided Copies of SEQRA Correspondence
City of Albany Village of Menands Albany County Legislature Albany County Planning Board NYS Environmental Facilities Corporation (NYSEFC) NYS Dept. of Environmental Conservation (NYSDEC) NYS Dept. of Transportation (NYSDOT) NYS Dept. of State (NYSDOS)	City of Cohoes City of Watervliet Village of Green Island Town of Colonie Village of Colonie Town of Guilderland NYS Historic Preservation Office (SHPO)	U.S. Army Corps of Engineers (USACE) Barton & Loguidice, D.P.C.

The coordinated review comment period ended on March 27, 2024. Responses were received from the City of Cohoes, Village of Menands, Village of Green Island, Town of Colonie, Albany County Planning Board, and NYSDOS (Appendix A). The NYSDOS indicated their consent to lead agency, and indicated that Coastal Consistency Concurrence review would be required if the project requires a federal permit. The NYSDOS indicated that they would like to see avoidance

and minimization of wetland impacts and limitation of permanent and temporary construction impacts to the Hudson River waterfront within the project area, and that future permit applications should include an analysis of other forcemain alignment alternatives considered. The other responding agencies did not provide further comment beyond their consent to the County Legislature assuming the role of lead agency for SEQRA. Coordination with all involved and interested agencies will continue throughout the project's design phase.

**C. DETAILED INFORMATION IN RESPONSE TO PART 2 OF SEQRA FULL EAF**

The following information provides a detailed discussion of the potential impacts identified in Part 2 of the FEF that were listed as small or moderate to large, in support of Part 3 of the FEF. The answers in the "No or Small Impact" column on Part 2 of the FEF are further clarified with an "NI" for no impact and "SI" for small impact. This document is organized according to the question numbers in Part 2, and the additional information provided herein summarizes the proposed actions that will be taken in order to minimize and/or mitigate each identified impact.

**1. Impacts on Land**

**1.a. *The proposed action may involve construction on land where depth to water table is less than 3 feet.***

Based on data available from the U.S. Dept. of Agriculture Natural Resources Conservation Service's (USDA-NRCS) Web Soil Survey, the average depth to the water table in the project area is approximately 5.8 feet. Localized portions of the project area that are mapped with a shallow water table are present along the proposed forcemain connection at the North WWTP. The new forcemain will be installed using horizontal directional drilling (HDD) to reduce ground disturbances. The project will involve approximately 0.5 acres of ground disturbance associated with the improvements at the North and South WWTPs and HDD pits for forcemain installation. Erosion and sediment control details will be incorporated into the design plans, which will be followed during construction. If a shallow water table is encountered in any excavation locations, dewatering would be completed in accordance with the project's erosion and sediment control details.

**1.e. *The proposed action may involve construction that continues for more than one year or in multiple phases.***

The project involves work in multiple locations, including the existing North and South WWTPs and proposed forcemain alignment connecting these facilities. Construction is expected to be completed under a single phase that lasts for approximately 2.5 years. All construction-related impacts will be temporary. Work may not be continuous year-round due to seasonal weather conditions. Additionally, the entire project area would not be affected at once, which will help reduce potential disruptions throughout the construction period.



**1.f. *The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).***

The project will involve approximately 0.5 acres of ground disturbance, which may cause temporary increases in erosion. No herbicide treatment is proposed. Temporarily disturbed areas will be stabilized and restored to pre-construction conditions. The proposed new FOG receiving building and decant tank at the North WWTP will result in a small net increase in impervious area (approximately 0.15 acres). Stormwater runoff will be directed to existing closed drainage systems and off-site surface waters, including the Hudson River and a tributary of the Hudson River. Erosion and sediment control details will be incorporated into the design plans, which will be followed during construction to ensure that stormwater is adequately treated before it enters closed conveyance systems or nearby waterbodies.

**2. Impacts on Geological Features**

No impacts to geological features were identified. The proposed action will not result in the modification or destruction of, or inhibit access to, any unique or unusual landforms on the site (e.g., cliffs, dunes, minerals, fossils, caves).

**3. Impacts on Surface Water**

**3.d. *The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.***

The proposed forcemain alignment is located along the western shoreline of the Hudson River (Waters Index No. H, portion 5). No impacts to the River are anticipated. The forcemain alignment also intersects several wetlands mapped by the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI). The North WWTP adjoins NYSDEC-mapped wetland TS-9 and Tributary 228a of the Hudson River (Waters Index No. H-228a). NWI-mapped wetlands are present at the North and South WWTP, outside of the existing developed limits of each site.

A wetland delineation will be conducted during the project's design phase to identify the boundaries of wetlands and surface waters within the project area. The forcemain is proposed to be installed using trenchless methods (HDD) to reduce overall ground disturbances and avoid wetland and surface water crossings. This is consistent with comments provided by the NYSDOS during coordinated review (they emphasized avoidance and minimization of wetland impacts and limitation of construction impacts to the Hudson River waterfront). If open-cut excavation is required for wetland or stream crossings (if unfavorable subsurface conditions are encountered for HDD), all resources would be restored to their pre-construction grades and cover types once installation is complete. It is assumed that the new FOG receiving building and decant tank at the North WWTP will be intentionally positioned outside of wetlands or streams; no permanent impacts to such resources are anticipated. Additionally, necessary permits from the NYSDEC and USACE would be

obtained, and the conditions of all permits would be followed during construction.

**3.e. *The proposed action may create turbidity in a waterbody, either from upland erosion, runoff, or by disturbing bottom sediments.***

Disturbances associated with construction may result in increased upland erosion. Direct impacts to wetlands and surface waters will be avoided to the extent possible by utilizing HDD to install the new forcemain. It is assumed that the new FOG receiving building and decant tank at the North WWTP can be intentionally sited outside of wetlands or surface waters to avoid impacts to such resources. Erosion and sediment control details will be incorporated into the design plans, which will be followed during construction to limit erosion-related turbidity increases to on- and off-site surface waters, including the Hudson River and its tributaries. Erosion and sediment control measures will remain in place until disturbed sediments settle.

**3.h. *The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.***

See response to 3.e, above.

**4. Impacts on Groundwater**

No impacts on groundwater were identified. The project area overlies a principal aquifer; however, no groundwater withdrawals or subsurface waste discharges are proposed.

**5. Impacts on Flooding**

**5.a. *The proposed action may result in development in a designated floodway.***

The proposed forcemain alignment intersects the 100-year and 500-year floodplains of the Hudson River, as mapped by the Federal Emergency Management Agency (FEMA). The forcemain also intersects the designated floodway of a tributary of the Hudson River just south of Water Street. The North and South WWTP sites are located in the 100-year and 500-year floodplains of the Hudson River.

All temporarily disturbed areas in floodplains would be restored to their pre-construction conditions. All work at the South WWTP will involve improvements within existing structures; no new structures resulting in floodplain impacts will result at this site. Fill and grading will be required in the 100-year and 500-year floodplain at the North WWTP to construct the new FOG receiving building and decant tank, which are proposed to be sited immediately west of the existing aeration tanks in the southwest corner of the site. There are no other available areas outside of mapped floodplains to construct these facilities; the remainder of the site is fully developed.

Based on FEMA mapping, the base flood elevation (BFE) at the North WWTP is 22 feet NAVD 88. A topographic survey will be completed during the project's design phase to document current site elevations. If required, hydraulic modeling will be done to further analyze potential floodplain impacts related to the new structures and associated fill. The new building and tank will be constructed so that all critical components are elevated at least three feet above the base flood elevation. The structures may need to be further elevated above the base flood elevation if required by NYSDEC to comply with the Community Risk and Resiliency Act guidance.

The North WWTP site is located in the Village of Menands. The project will be designed and constructed in accordance with the Village's local floodplain regulations (Local Law No. 1 of 2015, Flood Damage Prevention). The ACWPD will work with the Village to obtain a Flood Hazard Area Permit before construction.

**5.b. *The proposed action may result in development within a 100 year floodplain.***

See response to 5.a., above.

**5.c. *The proposed action may result in development within a 500 year floodplain.***

See response to 5.a., above.

**5.d. *The proposed action may result in, or require, modification of existing drainage patterns.***

The project will involve approximately 0.5 acres of ground disturbance, which may cause temporary increases in erosion. No herbicide treatment is proposed. The forcemain will be installed using HDD to reduce ground disturbances. Temporary disturbances will result from HDD pit excavation. The proposed FOG receiving building and decant tank will result in a small increase in impervious area at the North WWTP (approximately 0.15 acres). All temporarily disturbed areas will be permanently seeded and stabilized upon construction completion. Erosion and sediment control details will be incorporated into the design plans, which will be followed during construction to ensure that stormwater is adequately treated before it enters conveyance systems or nearby waterbodies. Impacts to surrounding properties are expected to be minimal.

**6. Impacts on Air**

**6.a. *If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:***  
***i. More than 1,000 tons/year of carbon dioxide (CO<sub>2</sub>)***  
***ii. More than 3.5 tons/year of nitrous oxide (N<sub>2</sub>O)***  
***vi. 43 tons/year or more of methane***

The ACWPD operates under a Title V Air Permit issued by the NYSDEC. The sludge incinerators are required to meet the emission limits outlined in 40 CFR Part 60, Subpart M. Based on the ACWPD's 2021 stack testing data for the

North and South WWTPs, the combined emissions rates for the pollutants listed above were 3,774.4 tons per year (tpy) of CO<sub>2</sub>, 0.07 tpy of N<sub>2</sub>O, and 0.072 tpy of methane. The stack testing data did not report any PFC, SF<sub>6</sub>, or HFC emissions.

The consolidation of sludge processing to the North WWTP will increase direct emissions at the North WWTP, but the ACWPD's total operational emissions will not change. The total volume of sludge to be processed will not increase, as the project does not involve any collection system expansions or acceptance of additional sewage flows compared to those currently treated at the North and South WWTPs. Incineration emissions will cease at the South WWTP, as sludge from this location will be conveyed to the North WWTP for processing. The existing South WWTP incinerators will be decommissioned.

The existing incinerators at the North WWTP will be rehabilitated as part of the project, which will include wet scrubber improvements. The North WWTP incinerator improvements will be designed to ensure they remain compliant with the ACWPD's Title V Air Permit. The increased emissions at the North WWTP will be offset by the reduction at the South WWTP, and overall emissions will remain below permitted values. Discussions with the NYSDEC are ongoing regarding the potential need for a permit modification related to the proposed consolidation. The ACWPD will work with the NYSDEC to obtain a modification if required, and all conditions of this permit will be followed.

**6.b. *The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.***

See response to 6.a., above. Based on the ACWPD's 2021 stack testing data for the North and South WWTPs, the combined emissions rates for total hazardous air pollutants (HAPs) was 0.943 tpy. None of the individual HAP emissions exceeded 10 tpy. The project will be designed so that the WWTPs remain in compliance with the ACWPD's Title V Air Permit.

**6.c. *The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTUs per hour.***

See response to 6.a., above. The North and South WWTPs are not state air facilities but operate under a Title V Air Permit. The total contaminant emissions rates combined for both facilities is approximately 4,163 tpy, which equates to approximately 950 lbs per hour. The project will be designed so that the WWTPs remain in compliance with the ACWPD's Title V Air Permit.

**6.d. *The proposed action may reach 50% of any of the thresholds in "a" through "c", above.***

See response to 6.a., above. The combined total carbon dioxide emissions (3,774.4 tpy) exceed the 1,000 tpy threshold identified in question 6.a. The total emissions do not reach 50% or more of the other thresholds outlined in 6.a. through 6.c.

**6.e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.**

The proposed consolidated incinerators at the North WWTP will be designed to treat up to 60 dry tons of sludge per day, which equates to 2.5 dry tons per hour. This volume includes the treatment of existing sludge generation at the North WWTP as well as sludge to be conveyed from the South WWTP. The project involves the decommissioning of the existing South WWTP incinerators, as sludge from the South WWTP will be conveyed to the North WWTP for further processing via the new forcemain. The existing incinerators at the North WWTP will be rehabilitated as part of the project, and all components will be designed to ensure they are compliant with the ACWPD's Title V Air Permit.

**7. Impacts on Plants and Animals**

**7.b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.**

The proposed action is likely to have a small impact on the local flora and fauna. All efforts will be made to reduce or eliminate impacts by limiting clearing and following all Federal and State guidelines related to ecological impacts and review processes. The USFWS New York Field Office's Information, Planning, and Consultation (IPaC) System was queried to determine whether any federally listed endangered, threatened, or candidate species are known to inhabit the project area. The USFWS reported the northern long-eared bat (*Myotis septentrionalis*, endangered), tricolored bat (*Perimyotis subflavus*, proposed endangered), and the monarch butterfly (*Danaus plexippus*, candidate).

The NYSDEC Environmental Resource Mapper (ERM), Environmental Assessment Form (EAF) Mapper, and New York Nature Explorer (NYNE) databases were reviewed to determine whether any state-protected species were reported for the project area. State-protected species records for the project area included the shortnose sturgeon (*Acipenser brevirostrum*, endangered), bald eagle (*Haliaeetus leucocephalus*, threatened), peregrine falcon (*Falco peregrinus*, endangered), American knotweed (*Polygonum buxiforme*, endangered), great plains flat sedge (*Cyperus lupulinus* ssp. *lupulinus*, threatened), rough pennyroyal (*Hedeoma hispida*, threatened), alewife floater (*Utterbackiana implicata*, rare), yellow lampmussel (*Lampsilis cariosa*, rare), estuary beggarticks (*Bidens bidentoides*, rare), and cobra clubtail (*Gomphurus vastus*, rare). Additionally, the Hudson River Estuary is identified as a significant natural community (tidal river) by the NYSDEC as well as designated Essential Fish Habitat by NOAA Fisheries. No impacts to the River will result from the project.

Details regarding state species records was requested from the New York Natural Heritage Program and a response is pending. Threatened and endangered species records for the project area are provided in Appendix B.

A habitat assessment will be completed during the project's design phase to identify suitable habitat for the reported species within the project area, and to document the presence of additional sensitive ecological resources on site. It is noted that many of the reported species occur in aquatic habitats. No impacts to the Hudson River will result from the project, and disturbances to wetlands and streams will be avoided by using HDD installation for the forcemain. No wetland or surface water impacts are anticipated at the North or South WWTP sites. Erosion and sediment controls will be utilized during construction to prevent turbidity-related water quality impacts in nearby surface waters and wetlands. Appropriate documentation and coordination will be completed to ensure that potential impacts to state and federal listed species are minimized to the extent practicable. Adherence to certain timing restrictions to alleviate potential impacts to certain species or groups during important life cycle periods may be required. Necessary timing restrictions will be coordinated and approved by all applicable parties. Appropriate documentation and coordination will be completed to ensure that potential impacts to state and federal listed species are minimized to the extent practicable.

**7.g. *The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.***

In general, the predominant species that use the project area likely include the gray squirrel, white-footed mouse, striped skunk, raccoon, American crow, Canada goose, and various shorebirds, fish, and aquatic species. The most significant habitat impacts could result from tree clearing or disturbances to wetlands and surface waters. Minor tree clearing may be required in localized areas along the proposed forcemain alignment. The forcemain will be installed using HDD which will limit ground disturbances, wetland and surface water impacts, and associated vegetative clearing needs. No tree clearing is expected to be required at the North or South WWTP sites, as the proposed improvements at these sites involve work within existing structures or construction of new facilities in existing cleared areas. No clear cutting or habitat fragmentation will result from the project. The project is unlikely to result in significant habitat impacts or disruptions to wildlife nesting, breeding, and/or foraging activities.

**8. Impacts on Agricultural Resources**

No impacts on agricultural resources were identified. There are no agricultural lands within the project area.

## **9. Impacts on Aesthetic Resources**

### **9.c. *The proposed action may be visible from publicly accessible vantage points:***

- i. *Seasonally (e.g., screened by summer foliage, but visible during other seasons)***
- ii. *Year-Round***

Construction will be restricted to the North and South WWTP sites and the new forcemain alignment. Forcemain construction will be visible to residents during routine travel and during recreational activities. The proposed forcemain alignment borders the Hudson River and is located along Church Street, Broadway, Quay Street, and the Mohawk-Hudson Bike-Hike Trail. Temporary construction work related to forcemain installation will be visible to people travelling along these roadways, using the park and trail, and from the Hudson River. The forcemain is proposed to be installed using HDD, which will limit ground disturbance and associated visual changes in these locations. The new forcemain will be located underground, and all temporarily disturbed locations (associated with HDD pit excavation) will be backfilled to existing grades and stabilized after construction is completed. Public access in active work areas will likely be temporarily restricted to maintain safety, however, full access will be restored once construction is completed.

Improvements at the South WWTP involve the installation of new equipment within existing structures. The existing incinerator at the South WWTP will be abandoned. The new forcemain will convey sludge to the North WWTP for further processing. Work at the South WWTP is not expected to be visible from the Hudson River. The South WWTP site is located about 1,000 feet west of the River, and other industrial facilities are present in between.

The proposed improvements at the North WWTP will involve installation of equipment within and rehabilitation of existing structures as well as construction of a new FOG receiving building and decant tank. These new structures will result in minor permanent visual impacts at the North WWTP site. The new FOG receiving building and decant tank will both be approximately 20 feet tall and will likely be partially visible from nearby properties. The new structures are proposed to be sited in the southwest corner of the site, which is currently bordered by deciduous trees to the west and south. This vegetation will remain, which will help buffer visual impacts to nearby properties, especially during the growing season. The North WWTP site is located about 475 feet west of the Hudson River. There is deciduous tree cover present along the eastern side of the site, and the site is also separated from the River by the Interstate 787 corridor. Therefore, work at the North WWTP is unlikely to be visible from the River. The new structures will be similar to existing structures

on site, and are not expected to result in significant changes to the local viewshed.

**9.d. *The situation or activity in which viewers are engaged while viewing the proposed action is:***

**i. *Routine travel by residents, including travel to and from work***

**ii. *Recreational or tourism based activities***

See response to 9.c., above.

**9.f. *There are similar projects visible within the following distance of the proposed project: 0-1/2 mile, 1/2-3 miles, 3-5 miles, or 5+ miles.***

See response to 9.c., above. Similar sewer infrastructure is located in the project area and in nearby municipalities. The new structures at the North WWTP will be similar to existing structures on site, and are not expected to create adverse visual changes. No permanent visual changes will result from forcemain installation or at the South WWTP. No permanent land use conversions in any location are proposed.

**10. Impacts on Historic and Archeological Resources**

**10.a. *The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.***

The project was submitted to the NYS Office of Parks, Recreation and Historic Preservation (NYSOPRHP) State Historic Preservation Office (SHPO) for review through the Cultural Resource Information System (CRIS). The majority of the project area is located in an archaeological sensitive area mapped by SHPO. The following historic properties and districts are located adjacent to the project area: Mendelson & Son Company Building, U.S.S. Slater (Destroyer Escort), Albany Perforated Wrapping Paper Company, Albany Felt Company Complex, Steamboat Square Historic District, South End-Groesbeckville Historic District, Pastures Historic District, Downtown Albany Historic District, Albany Industrial and Warehouse Historic District, Livingston Ave Railroad Bridge over Hudson River, and Albany Hardware & Iron Co. (now U-Haul Truck Sales Super Center of Albany). These properties, structures, and building districts are listed on State and/or National Registers of Historic Places.

Work will be contained to the North and South WWTP sites and the proposed forcemain alignment between the WWTPs. The new forcemain will be installed using HDD to minimize ground disturbances. No work is proposed that would disturb or otherwise alter historic properties or districts. SHPO issued a letter on March 14, 2024 indicating their opinion that the project would have no effect on archaeological or historic resources, which is provided in Appendix B.



- 10.b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.**

See response to 10.a., above.

**11. Impacts on Open Space and Recreation**

- 11.b. The proposed action may result in the loss of a current or future recreational resource.**

See response to 9.c., above. The proposed forcemain alignment follows the Mohawk-Hudson Bike-Hike Trail, which is located along the shoreline of the Hudson River and partially intersects the Corning Preserve/Riverfront Preserve (a local park owned by the City of Albany). Temporary construction work related to forcemain installation will be visible to people using these recreational resources, and to people using the Hudson River. No disturbance or impacts to the River will result from the project. The forcemain is proposed to be installed using HDD, which will limit ground disturbance and associated visual changes during construction. All temporarily disturbed locations associated with HDD pit excavation will be fully restored to their pre-construction conditions. Access will likely be temporarily restricted in active work locations to maintain public safety, however, full access will be restored after the forcemain is installed. Additionally, the entire forcemain alignment will not be affected at once, which will also reduce disruptions to the public and associated recreational resource use.

**12. Impacts on Critical Environmental Areas**

No impacts to Critical Environmental Areas were identified. There are no Critical Environmental Areas within or near the project area.

**13. Impacts on Transportation**

- 13.e. The proposed action may alter the present pattern of movement of people or goods.**

The southern part of the new forcemain is located along Church Street, Broadway, and Quay Street. The remainder of the forcemain alignment follows the Mohawk-Hudson Bike-Hike Trail. Additionally, the proposed forcemain intersects the NYSDOT right-of-way beneath I-87, I-90, U.S. Route 20, and I-787, and crosses the CSX railroad. The ACWPD will obtain work permits from the NYSDOT and CSX prior to construction. Temporary impacts to vehicular and pedestrian traffic will occur during forcemain construction. The forcemain is proposed to be installed using HDD to reduce surficial ground disturbances, however, access to active work locations would be temporarily restricted during construction to maintain public safety. All other work will be restricted to the North and South WWTP sites and will not disrupt traffic. No permanent impacts to the existing transportation patterns within the project area are anticipated.

**14. Impacts on Energy**

**14.e. Other Impacts**

A small increase in energy usage at the North WWTP will result from the proposed improvements, which will be offset by a reduction in energy usage at the South WWTP. The combined overall net energy use for both WWTPs will be reduced by the proposed improvements. The new FOG receiving building at the North WWTP will connect to existing electrical utilities on site. No adverse impacts to the existing electrical grid are anticipated.

**15. Impacts on Noise, Odor, and Light**

**15.a. *The proposed action may produce sound above noise levels established by local regulation.***

Ambient noise levels may be exceeded temporarily during construction. Excess noise will be limited to daylight hours to minimize adverse impacts on the community and nearby receptors. Elevated noise conditions will be temporary and will end once construction is complete. Operational noise levels at the North and South WWTP sites are not expected to change from existing conditions.

**15.c. *The proposed action may result in routine odors for more than one hour per day.***

The project involves improvements to the ACWPD's existing North and South WWTPs. The closest occupied structures to these facilities include an industrial facility located directly east of the South WWTP, and commercial buildings located about 360 feet west of the North WWTP. The treatment of sanitary wastewater inherently produces odors, as does the sludge incineration process. Both WWTPs currently use sludge incineration, this will not be a new process at the North WWTP. The project will decommission the South WWTP incinerators, as all sludge will be conveyed to the North WWTP for processing. The existing incinerators at the North WWTP will be rehabilitated, which will include improvements to the wet scrubber system. The project is not expected to increase overall odor emissions at the North or South WWTP. All improvements will be designed to remain in compliance with the ACWPD's Title V air permit. A modified air permit will be obtained from the NYSDEC if required (discussions regarding this need are ongoing with NYSDEC).

**15.d. *The proposed action may result in light shining onto adjoining properties.***

New exterior lighting may be added to the FOG receiving building at the North WWTP. Lights would be mounted on the building and aim downward on site. The nearest occupied structure is about 360 feet west of the North WWTP site. The new building is proposed to be constructed in the southwest corner of the site, which is currently screened by deciduous tree cover to the west and south. The trees will help reduce the visibility of site lighting from nearby properties

particularly during the growing season. No adverse visual impacts related to new site lighting are anticipated.

## 16. Impacts on Human Health

### 16.a. *The proposed action is located within 1500 feet of a school, hospital, licensed daycare center, group home, nursing home or retirement community.*

Giffen Memorial Elementary School is located at the corner of Rensselaer Street and Green Street in the City of Albany, approximately 830 feet west of the proposed forcemain alignment on Broadway. No work at or immediately adjacent to the school property is proposed. The forcemain will be installed using HDD, which will limit ground disturbances and associated construction-related disruptions. No adverse impacts to this sensitive receptor are anticipated.

### 16.j. *The proposed action may result in excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste.*

The project area is located within 2,000 feet of multiple remediation sites and two closed solid waste landfills. Details for each of these sites are summarized in Table 2, below. Ground-disturbing work will be limited to the North and South WWTP sites, and to HDD pit locations along the forcemain alignment. If any contamination is encountered during construction, the NYSDEC spill reporting guidelines would be followed, and contaminated soils would be removed and disposed of in accordance with state regulations.

Table 2— Solid & Hazardous Waste Sites within 2,000 Feet of Project Area				
Site Name	Distance from Project Area	Status	Contaminants of Concern	Additional Details
North Albany Demolition Landfill	Adjacent to North WWTP	Inactive	Solid waste (construction & demolition debris)	Inactive landfill; owned by City of Albany and currently used as composting facility.
Rosch Demolition Disposal Landfill	Adjacent to North WWTP	Inactive	Solid waste (construction & demolition debris)	Inactive landfill; currently under private ownership.
546031 - Hudson River Sediment	Adjacent to forcemain alignment	Remediation ongoing	Polychlorinated biphenyls (PCBs), cadmium, and lead in sediment	Contamination originated from two General Electric capacitor manufacturing plants; disposal from 1946-present. Fish consumption from the Hudson River is restricted due to PCB contamination.
442027 - BASF - Manufacturing Plant	2,000' east of South WWTP (opposite side of the Hudson River)	Remediation ongoing	Volatile organic compounds, semi-volatile organic compounds and metals	Former manufacturing site; active from 1890's through December 2000. Active treatment ongoing for residual contamination; Site Management Plan in place.

Table 2— Solid & Hazardous Waste Sites within 2,000 Feet of Project Area				
Site Name	Distance from Project Area	Status	Contaminants of Concern	Additional Details
442009 - Sterling Drug Site 1	1,950' east of forcemain; 2,000' east of South WWTP (opposite side of the Hudson River)	Closed	Chlorobenzene and benzene in groundwater and soil	Site access is restricted; soil vapor intrusion determined to not be a health concern for off-site buildings. Leachate collection, groundwater treatment system, and vapor mitigation controls are in place.
401040 - NM - North Albany	1,800' northwest of forcemain	Active	Coal tar (benzene, toluene, ethylbenzene, xylene (BTEX) and polyaromatic hydrocarbons including naphthalene) in soil and groundwater	Site access is restricted; soil vapor intrusion not a health concern on or off site; groundwater contamination documented no more than 125' off site; sediment contamination documented no more than 400' off site. Site currently used as a National Grid service center.
442057/V00488 - NM - Rensselaer MGP	1,830' east of forcemain (opposite side of the Hudson River)	Active	BTEX and PAHs in soil and groundwater	Site was used as a manufactured gas plant; site is currently vacant and is used as a parking lot. Soil vapor intrusion determined to not be a concern for off-site buildings; people not expected to come into contact with contaminated groundwater or soil (public water supply available; soil contamination not a concern unless excavating on site).
C442065 - Former Barnet Mills	1,130' southeast of forcemain	Active	Petroleum contaminated soil	Past site uses included various commercial, industrial, and fine arts uses. Petroleum contamination was discovered and excavated following removal of a fuel oil underground storage tank; impacted soil and free product remains on site. Environmental and health assessment information is under review and not available on the NYSDEC database.
B00005 - Former Jared Holt Mfg. Site	1,600' west of forcemain	Completed	Semi-volatile organic compounds (SVOCs) including benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene	Prior industrial uses led to contamination from cleaning and petroleum products. No contaminant exposure anticipated; deed restriction in place requiring protective layer materials to remain in place over subsurface contamination.

Table 2— Solid & Hazardous Waste Sites within 2,000 Feet of Project Area				
Site Name	Distance from Project Area	Status	Contaminants of Concern	Additional Details
B00055 - Gansevoort/ Franklin Street Parcel	1,160' west of forcemain	Completed	PAHs and metals	Site was formerly used as a coal yard and a trucking facility which led to soil and groundwater contamination. Remediation is complete. Site controls (site management plan, institutional control/engineering control plan, soil management plan, land use restriction, cover system, and groundwater use restriction) are in place to prevent contact with residual contamination.
V00466 - NM - Arch St. - Albany MGP/401054 - Albany - Grand and Trinity	1,830' east of forcemain (opposite side of the Hudson River)	Completed	Coal tar (benzene, PAHs)	Site formerly used as a manufactured gas plant which led to soil and groundwater contamination. Remediation is complete. Site controls (site management plan, soil management plan, monitoring plan, land use restriction, and groundwater use restriction) are in place to prevent contact with residual contamination.
C401070 - Capital Center/ C401052 - Amos at Quackenbush	800' west of forcemain	Completed	Petroleum-derived contaminants, metals, PAHs	Site formerly used for various manufacturing operations. Remediation is complete and goals have been met; groundwater treatments to be implemented as needed to ensure contaminant standards in groundwater are met.
C401083 - 19 and 21 Erie Blvd.	390' northwest of forcemain	No Further Action	Petroleum-derived contaminants	Site formerly used as paper factory and trucking facility, contained multiple storage tanks. Prior fuel storage uses resulted in 3 reported NYSDEC spill incidents. Site determined ineligible for Brownfield Cleanup Program in August 2021.
401080 - 700 Smith	1,200' south of South WWTP	Investigations ongoing	PCBs , metals, SVOCs in soil; lead, mercury, arsenic and VOCs in groundwater	Site formerly used as a rail yard and a metal recycling facility. Investigations are ongoing with NYSDEC and NYSDOH.

## 17. Consistency with Community Plans

No impacts to community plans were identified. The proposed action is consistent with existing community plans.

**18. Consistency with Community Character**

**18.d. *The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.***

See responses to 9.c. and 11.b, above. The proposed forcemain will result in temporary disruptions to the Corning/Riverfront Preserve and Mohawk-Hudson Bike-Hike Trail. Forcemain construction will also be visible from the Hudson River. However, no permanent impacts to these recreational resources will result from the project.

**Appendix A**  
**Coordinated Review Responses**

## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

The undersigned involved or interested agency hereby:

☒ Received the coordinated review package for the above-referenced action; AND

☒ Consents; OR

☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

Albany County Planning Board

(Name of Involved or Interested Agency)

Gopika Muddappa (Senior Planner)

(Printed Name of Representative)



(Electronic/Digital Signature of Representative)

2/27/2024

Date

**Form must be received before the end of the coordinated review period:** March 27, 2024



## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

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- ☒ Received the coordinated review package for the above-referenced action; AND
- ☒ Consents; OR
- ☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

CITY OF COHOES

(Name of Involved or Interested Agency)

WILLIAM T. KEELER

(Printed Name of Representative)



(Electronic/Digital Signature of Representative)

03/05/24

Date

Form must be received before the end of the coordinated review period: March 27, 2024

## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

The undersigned involved or interested agency hereby:

☒ Received the coordinated review package for the above-referenced action; AND

☒ Consents; OR

☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

Village of Menands

(Name of Involved or Interested Agency)

Brian A Marsh

(Printed Name of Representative)

BAM

(Electronic/Digital Signature of Representative)

3/4/24

Date

Form must be received before the end of the coordinated review period: March 27, 2024

## Grete L. Day

---

**From:** Newman, David (DOS) <David.Newman@dos.ny.gov>  
**Sent:** Thursday, March 7, 2024 9:55 AM  
**To:** Grete L. Day  
**Subject:** RE: SEQRA - Albany County Water Purification District Sludge Processing Improvements  
**Attachments:** DOS\_LeadAgencyForm.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**ATTENTION --> This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.**

Good morning Grete,

Please see the attached SEQRA Lead Agency Designation Form indicating the Department of State, as an interested agency, consents to the designation of the Albany County Legislature as Lead Agency for the Albany County Water Purification District Sludge Processing Improvements Project.

The Department of State offers the below comments:

If the proposed project would require a federal permit, such as from the Army Corps of Engineers under Section 404 of the CWA and/or Section 10 of the RHA, review and concurrence by the Department of State would be required pursuant to Coastal Zone Management Act (15 CFR 930 Subpart D). The Department of State's review would need to consider the proposal's consistency with the applicable policies of the New York State [Coastal Management Program](#) including the policies of the federally approved [City of Albany Local Waterfront Revitalization Program](#). If the action will be Type 1 or unlisted other state agencies may be required to comply with the [19 NYCRR Part 600](#) regulations.

Some specific items the Department of State would like to see addressed within a future application would be limiting permanent and construction related impacts for access to and recreational use of the waterfront including Jennings Landing, Corning Preserve (including boat launch), Riverfront Preserve and the Mohawk Hudson Bike Hike Trail/Empire State Trail and other public lands within the NYS Coastal Zone. We would also like to see impacts to regulated wetlands be avoided and minimized where practicable. Any application to regulatory agencies should also include an analysis of alternative alignments for the proposed forcemain such as along Erie Boulevard.

Thank you,

**David Newman**  
Coastal Resources Specialist 2

**New York State Department of State**  
**Office of Planning, Development & Community Infrastructure**  
99 Washington Avenue, Suite 1010, Albany, NY 12231  
518-474-9039 | [david.newman@dos.ny.gov](mailto:david.newman@dos.ny.gov)  
[www.dos.ny.gov](http://www.dos.ny.gov)

## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

The undersigned involved or interested agency hereby:

☒ Received the coordinated review package for the above-referenced action; AND

☒ Consents; OR

☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

New York State Department of State

(Name of Involved or Interested Agency)

David J. Newman

(Printed Name of Representative)

David J Newman

(Electronic/Digital Signature of Representative)

3/5/2024

Date

**Form must be received before the end of the coordinated review period:** March 27, 2024

## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

The undersigned involved or interested agency hereby:

☒ Received the coordinated review package for the above-referenced action; AND

☒ Consents; OR

☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

Town of Colonie

(Name of Involved or Interested Agency)

Peter G. Crumney  
(Printed Name of Representative)

[Signature]  
(Electronic/Digital Signature of Representative)

3-26-24  
Date

Form must be received before the end of the coordinated review period: March 27, 2024

## Grete L. Day

---

**From:** Gaudio, Angelo <Angelo.Gaudio@albanycountyny.gov>  
**Sent:** Tuesday, February 27, 2024 9:02 AM  
**To:** Grete L. Day  
**Cc:** Karen W. Clark; DeGaetano, Laura  
**Subject:** FW: SEQRA - ACWPD Sludge Processing Improvement Project  
**Attachments:** 923.013.001 SEQR Coordinated Review Letter (ID 3068961).pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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FYI

---

**From:** maggie.alix <maggie.alix@villageofgreenisland.com>  
**Sent:** Monday, February 26, 2024 4:39 PM  
**To:** Gaudio, Angelo <Angelo.Gaudio@albanycountyny.gov>  
**Subject:** SEQRA - ACWPD Sludge Processing Improvement Project

Hi Angelo,

Please see attached.

The Village of Green Island concurs with the Albany County Legislature acting at Lead Agency.

Thanks, Maggie

Maggie A. Alix  
Executive Assistant to the Mayor  
Village of Green Island  
20 Clinton Street  
Green Island, NY 12183  
Phone - (518) 273-2201  
Fax - (518) 273-2235  
Email - [Maggie.Alix@villageofgreenisland.com](mailto:Maggie.Alix@villageofgreenisland.com)

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## SEQRA LEAD AGENCY DESIGNATION

**ACTION:** Albany County Water Purification District Sludge Processing Improvements Project

The undersigned involved or interested agency hereby:

☒ Received the coordinated review package for the above-referenced action; AND

☒ Consents; OR

☐ Does not consent

to the designation of the Albany County Legislature as Lead Agency for the above-referenced action.

Village of Green Island

(Name of Involved or Interested Agency)

Maggie A. Alix

(Printed Name of Representative)

Maggie

(Electronic/Digital Signature of Representative)

2/26/2024

Date

**Form must be received before the end of the coordinated review period:** March 27, 2024

**Appendix B**  
**Environmental Review Documentation**





**New York State  
Parks, Recreation and  
Historic Preservation**

**KATHY HOCHUL**  
Governor

**RANDY SIMONS**  
Commissioner *Pro Tempore*

March 14, 2024

Grete Day  
Senior Staff Environmental Scientist  
Barton & Loguidice, D.P.C.  
443 Electronics Parkway  
Liverpool, NY 13088

Re: NYSEFC  
Albany County Water Purification District Sludge Processing Improvements Project  
24PR01429

Dear Grete Day:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the provided documentation 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.

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If you have any questions, you can call or e-mail me at the contact information below.

Sincerely,

Weston Davey  
Historic Site Restoration Coordinator  
518-268-2164 | [Weston.Davey@parks.ny.gov](mailto:Weston.Davey@parks.ny.gov)

**Division for Historic Preservation**

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [parks.ny.gov](http://parks.ny.gov)

• 518-237-8643 • <https://parks.ny.gov/shpo> •



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
New York Ecological Services Field Office  
3817 Luker Road  
Cortland, NY 13045-9385  
Phone: (607) 753-9334 Fax: (607) 753-9699  
Email Address: [fw5es\\_nyfo@fws.gov](mailto:fw5es_nyfo@fws.gov)

In Reply Refer To:

03/28/2024 21:09:36 UTC

Project Code: 2024-0050336

Project Name: Albany County Water Purification District Sludge Processing Improvements

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2))

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

**Migratory Birds:** In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**New York Ecological Services Field Office**  
3817 Luker Road  
Cortland, NY 13045-9385  
(607) 753-9334

## PROJECT SUMMARY

Project Code: 2024-0050336

Project Name: Albany County Water Purification District Sludge Processing Improvements

Project Type: Wastewater Facility - Maintenance / Modification

Project Description: The Albany County Water Purification District plans to consolidate the solids handling processes at their North and South WWTPs via the installation of two (2) sludge transfer pumps and a 4-mile 6" HDPE forcemain to convey liquid sludge from the South WWTP to the North WWTP, the installation of sludge receiving and dewatering equipment at the North WWTP, and the rehabilitation of the North WWTP sewage sludge incinerator (SSI). A strain press will be installed at the South WWTP ahead of the proposed transfer pumps. Planned North WWTP thickening and dewatering improvements include the installation of two (2) new gravity belt thickeners and one (1) new belt filter press. Planned North WWTP SSI rehabilitation work includes the replacement of refractory linings, burners, ash disposal equipment, and various other miscellaneous items, as well as an upgrade of the SSI's emissions control systems. Other improvements planned as part of this project include the installation of large-bubble mixing systems in the sludge holding tanks at both the North and South WWTP to replace existing mechanical mixers, the replacement of three (3) sludge transfer pumps at the North WWTP, the installation of two (2) gravity belt thickeners at the North WWTP to replace the existing dissolved air floatation thickeners, and the installation of all associated piping, instrumentation, controls, and appurtenances.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.653017000000006,-73.74509356335966,14z>



Counties: Albany County, New York

## ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## MAMMALS

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## **IPAC USER CONTACT INFORMATION**

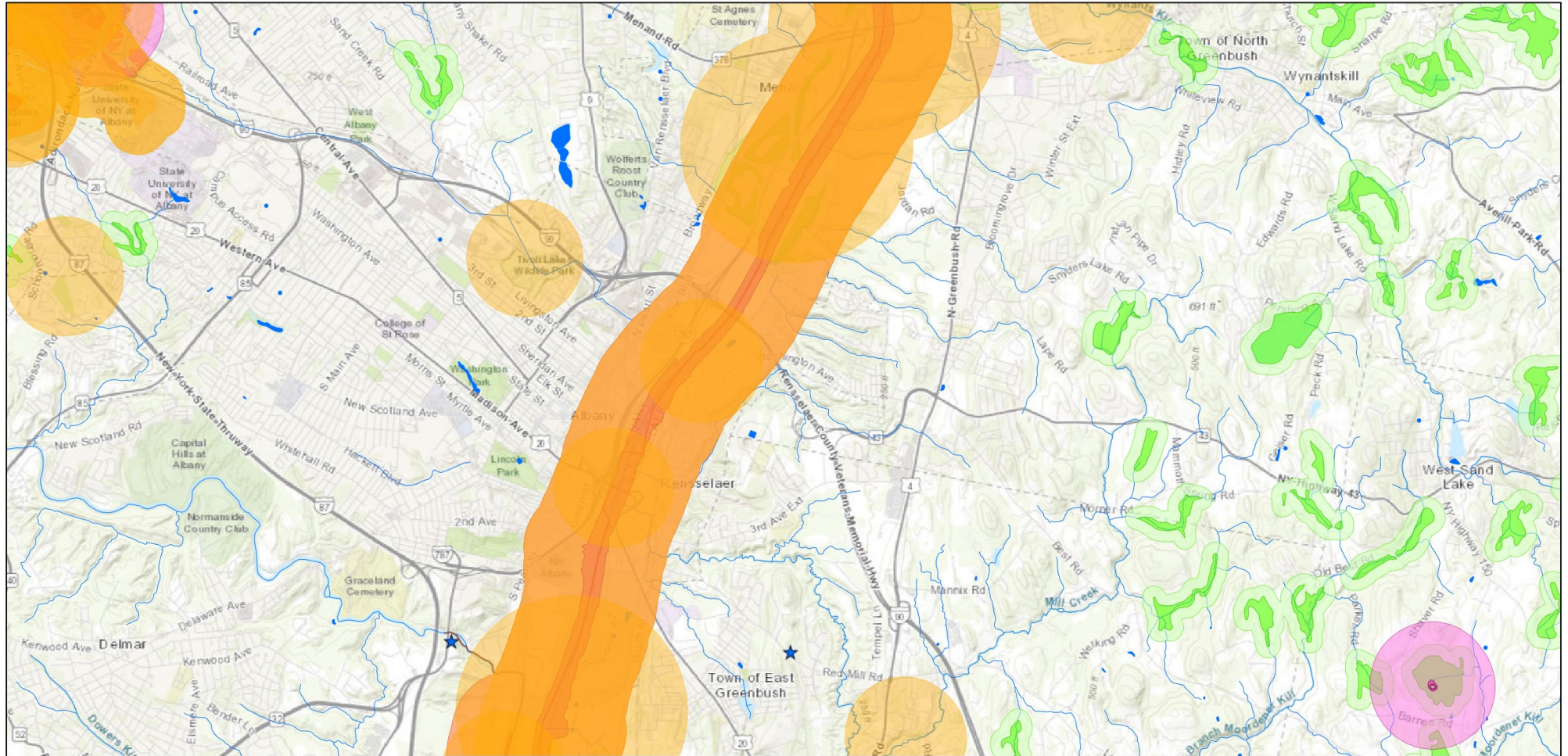
Agency: Barton & Loguidice, D.P.C.  
Name: Grete Day  
Address: 443 Electronics Parkway  
City: Liverpool  
State: NY  
Zip: 13088  
Email: gbader@bartonandloguidice.com  
Phone: 3154575200

## **LEAD AGENCY CONTACT INFORMATION**

Lead Agency: Army Corps of Engineers

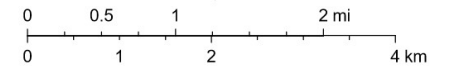


# ACWPD Environmental Resource Mapper



March 28, 2024

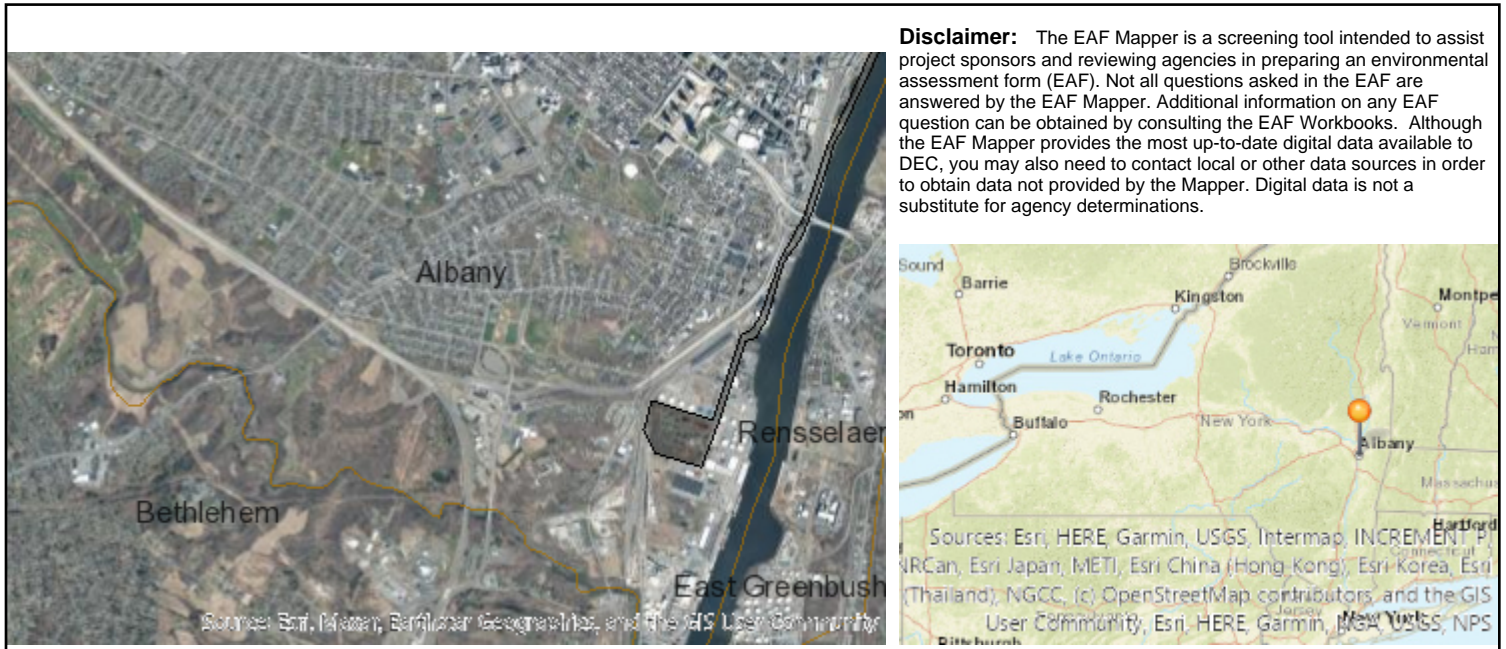
1:72,224



Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/  
NASA, NGA, EPA, USDA

NYS Department of Environmental Conservation  
Not a legal document





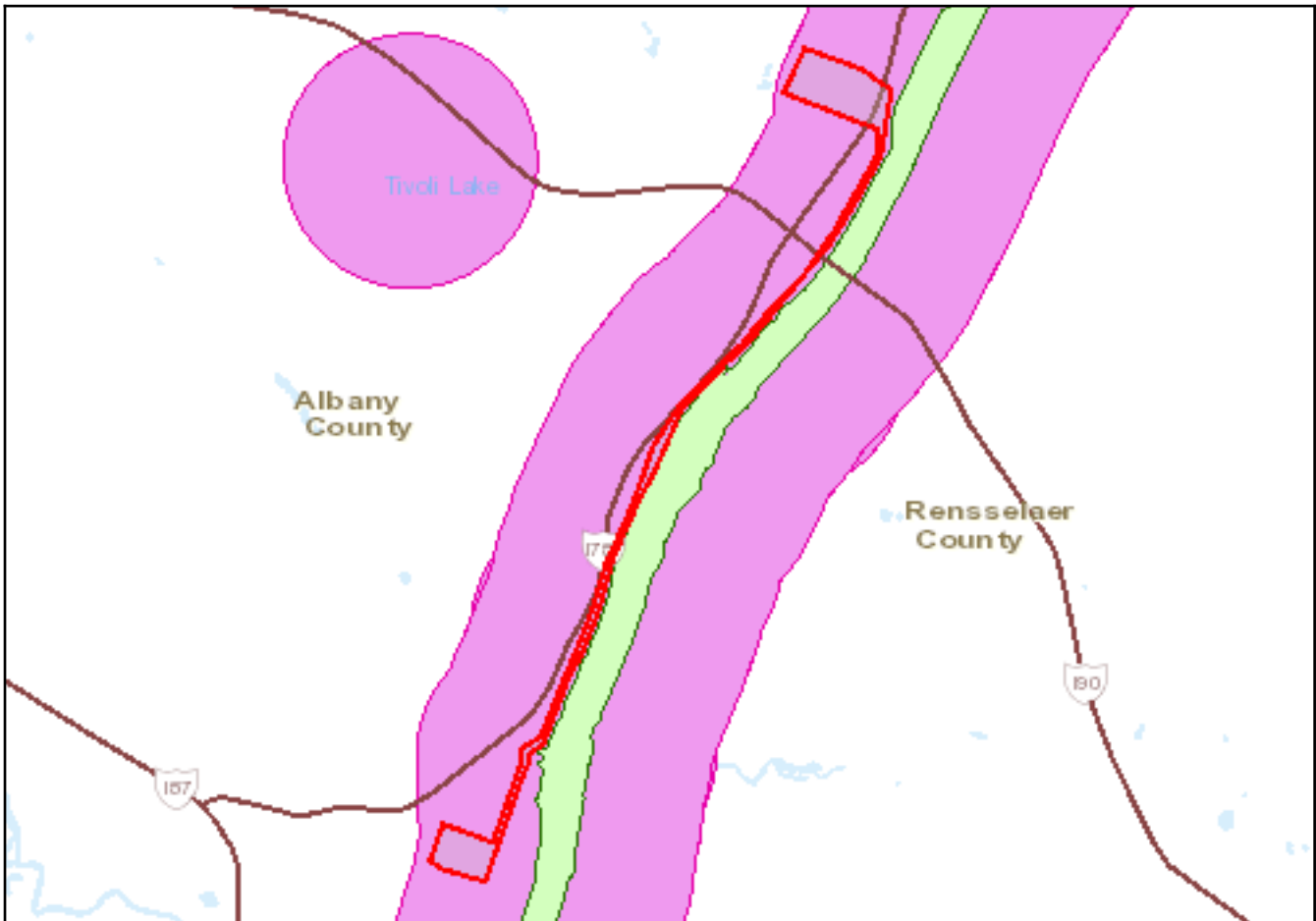
B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: Mohawk Valley Heritage Corridor, NYS Heritage Areas: Albany
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	546031, 401080, 442009, 442027, B00005, B00055, 401054, V00466, 442057, V00488, C401070, C401052, 401057, C401083, 401040, C442065
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres): 94.1
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	TS-9
E.2.h.v [Impaired Water Bodies]	Yes

E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Hudson River (Class C) – Priority Organics – Fish Consumption
E.2.i. [Floodway]	Yes
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	Yes
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Shortnose Sturgeon, Bald Eagle, Peregrine Falcon
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:LIVINGSTON AVE RR BRIDGE OVER HUDSON RIVER, Eligible property:BIN 7092900 deck girder railroad bridge, Eligible property:Albany Hardware & Iron Co. (UHaul Truck Sales Super Center of Albany), Eligible property:Empire Recycling Albany Scrap Metal Company, Steamboat Square Historic District, USS SLATER (Destroyer Escort), Mendelson, A., & Son Company Building, Pastures Historic District, Delaware and Hudson Railroad Company Building, Downtown Albany Historic District, Albany Perforated Wrapping Paper Company, Albany Felt Company Complex
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

# New York Nature Explorer

## User Defined Results Report

Criteria: Selected Map Area



Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

Animal: Dragonflies and Damselflies

Cobra Clubtail	Dragonflies	Recently Confirmed	2009			S1	G5
<i>Gomphurus vastus</i>							

Animal: Mussels and Clams

Alewife Floater	Freshwater Mussels	Historically Confirmed	1984			S1	G5
<i>Utterbackiana implicata</i>							
Yellow Lampmussel	Freshwater Mussels	Historically Confirmed	1890			S2S3	G3G4
<i>Lampsilis cariosa</i>							

Plant: Flowering Plants

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
American Knotweed <i>Polygonum buxiforme</i>	Other Flowering Plants	Historically Confirmed	1974	Endangered		S1S2	G5
Estuary Beggar Ticks <i>Bidens bidentoides</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1945	Rare		S3	G3G4
Great Plains Flat Sedge <i>Cyperus lupulinus ssp. lupulinus</i>	Sedges	Historically Confirmed	1950	Threatened		S1S2	G5T5?
Rough Pennyroyal <i>Hedeoma hispida</i>	Other Flowering Plants	Historically Confirmed	1995	Threatened		S2S3	G5

## Natural Community: Tidal Wetlands

Tidal River <i>Tidal river</i>	Subtidal Wetlands	Recently Confirmed	2000			S3	G4
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Note: Restricted plants and animals may also have also been documented in one or more of the Towns or Cities in which your user-defined area is located, but are not listed in these results. This application does not provide information at the level of Town or City on state-listed animals and on other sensitive animals and plants. A list of the restricted animals and plants documented at the corresponding county level can be obtained via the County link(s) on the original User Defined Search Results page. Any individual plant or animal on this county's restricted list may or may not occur in this particular user-defined area.

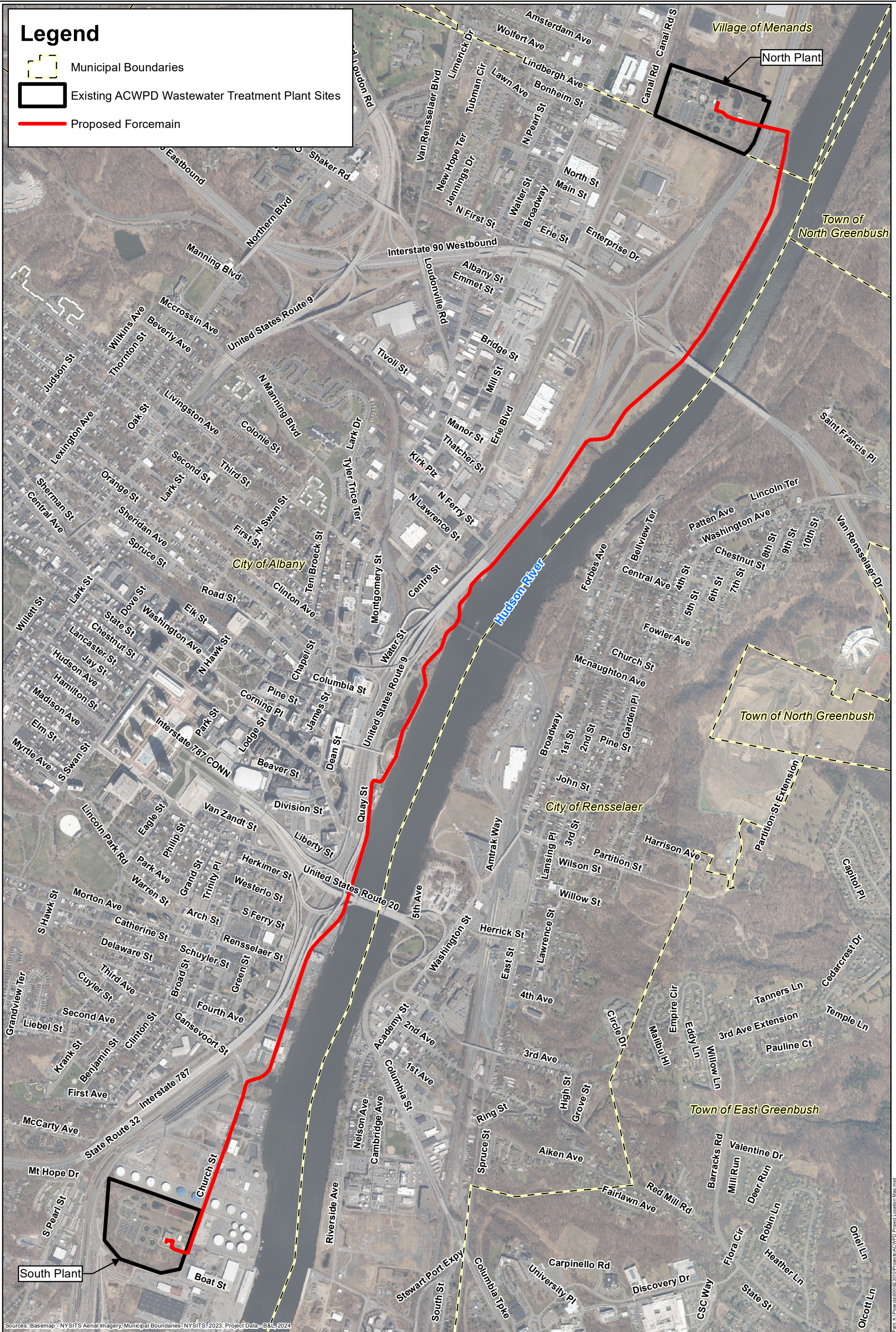
This list only includes records of rare species and significant natural communities from the databases of the NY Natural Heritage Program. This list is not a definitive statement about the presence or absence of all plants and animals, including rare or state-listed species, or of all significant natural communities. For most areas, comprehensive field surveys have not been conducted, and this list should not be considered a substitute for on-site surveys.

**Figure 1**  
**Project Locations**



# Legend

-  Municipal Boundaries
-  Existing ACWPD Wastewater Treatment Plant Sites
-  Proposed Forcemain



Sources: Basemap - NYSITS Aerial Imagery; Municipal Boundaries- NYSITS, 2023; Project Data - B&L, 2024

