Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

### A. Project and Sponsor Information.

<table>
<thead>
<tr>
<th>Name of Action or Project:</th>
<th>Regional Biosolids Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Location (describe, and attach a general location map):</td>
<td>North Plant- 1 Canal Road South, Albany, South Plant- Church Street, Albany, SCSD- Hudson River Road, Halfmoon (See location maps attached)</td>
</tr>
<tr>
<td>Brief Description of Proposed Action (include purpose or need):</td>
<td>Project Description Attached</td>
</tr>
<tr>
<td>Name of Applicant/Sponsor:</td>
<td>Angelo Gaudio, Albany County Water Purification District</td>
</tr>
<tr>
<td>Telephone:</td>
<td>518-447-1611</td>
</tr>
<tr>
<td>E-Mail:</td>
<td><a href="mailto:angelo.gaudio@albanycountyny.gov">angelo.gaudio@albanycountyny.gov</a></td>
</tr>
<tr>
<td>Address:</td>
<td>1 Canal Road South</td>
</tr>
<tr>
<td>City/PO:</td>
<td>Albany</td>
</tr>
<tr>
<td>State:</td>
<td>New York</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>12204</td>
</tr>
<tr>
<td>Project Contact (if not same as sponsor; give name and title/role):</td>
<td>Robert Ostapczuk, PE</td>
</tr>
<tr>
<td>Telephone:</td>
<td>518-250-7300</td>
</tr>
<tr>
<td>E-Mail:</td>
<td><a href="mailto:robert.ostapczuk@arcadis.com">robert.ostapczuk@arcadis.com</a></td>
</tr>
<tr>
<td>Address:</td>
<td>855 Route 146, Suite 210</td>
</tr>
<tr>
<td>City/PO:</td>
<td>Clifton Park</td>
</tr>
<tr>
<td>State:</td>
<td>New York</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>12065</td>
</tr>
<tr>
<td>Property Owner (if not same as sponsor):</td>
<td>Telephone:</td>
</tr>
<tr>
<td>E-Mail:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City/PO:</td>
<td></td>
</tr>
<tr>
<td>State:</td>
<td></td>
</tr>
</tbody>
</table>
## B. Government Approvals

### B. Government Approvals, Funding, or Sponsorship.

(“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

<table>
<thead>
<tr>
<th>Government Entity</th>
<th>If Yes: Identify Agency and Approval(s) Required</th>
<th>Application Date (Actual or projected)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. City Council, Town Board, Village Board of Trustees</td>
<td>Yes ☑ No</td>
<td>City of Albany, Town of Halfmoon, Village of Menands</td>
</tr>
<tr>
<td>b. City, Town or Village Planning Board or Commission</td>
<td>Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>c. City Council, Town or Village Zoning Board of Appeals</td>
<td>Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>d. Other local agencies</td>
<td>Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>e. County agencies</td>
<td>Yes ☑ No</td>
<td>Albany Co., Legislature, Saratoga Co. Board of Supervisors (funding), SCD</td>
</tr>
<tr>
<td>f. Regional agencies</td>
<td>Yes ☑ No</td>
<td></td>
</tr>
<tr>
<td>g. State agencies</td>
<td>Yes ☑ No</td>
<td>EFC(funding), NYSDEC(SPDES, Article 24) NYSODS(Consist. review) NYSOPRHP(His. Arc.)</td>
</tr>
<tr>
<td>h. Federal agencies</td>
<td>Yes ☑ No</td>
<td>U.S. Army Corps (wetlands)</td>
</tr>
</tbody>
</table>

### i. Coastal Resources.

1. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?  
   - Yes ☑ No
2. Is the project site located in a community with an approved Local Waterfront Revitalization Program?  
   - Yes ☑ No
3. Is the project site within a Coastal Erosion Hazard Area?  
   - Yes ☑ No

## C. Planning and Zoning

### C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?  
- Yes ☑ No
- No ☑ Yes

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

### C.2. Adopted land use plans.

a. Do any municipally-adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?  
   - Yes ☑ No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?  
- Yes ☑ No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)

If Yes, identify the plan(s):

- NYS Heritage Areas: Mohawk Valley Heritage Corridor
- Village of Menands Broadway Corridor Economic Development District, 2004

---

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?  
   - Yes ☑ No

If Yes, identify the plan(s):
C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
North Plant - Heavy Industrial (Menands) South Plant - Heavy Industrial (Albany), Saratoga County Sewer District - Industrial (Halfmoon)

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
   i. What is the proposed new zoning for the site? ________________________________

C.4. Existing community services.

a. In what school district is the project site located? North Plant-Menands School District, South Plant-City of Albany Schools, and Saratoga County Wastewater Treatment Plant-Mechanicville School District

b. What police or other public protection forces serve the project site?
Village of Menands, City of Albany, Saratoga County Sheriff

c. Which fire protection and emergency medical services serve the project site?
Menands Fire Company #1, Albany Fire Department, Town of Halfmoon Hillcrest Fire District

d. What parks serve the project site?
North Plant- Hudson-Mohawk Bike Trail

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Primarily industrial at all three sites. Areas adjacent to North Plant and South Plant are more densely developed than Saratoga County Sewer District Site.

b. Total acreage of the site of the proposed action:
   a. Total acreage of all 3 sites
       ☑ 94.96 acres ☐ +/- 6.5 acres (5.5 North Plant, 0.5 South Plant, 0.5 SCSD)
   b. Total acreage of project site
      ☑ 94.96 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?

   i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % 25% Units: 35,000 SF new structures

d. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
   i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % 25% Units: 35,000 SF new structures

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
   i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
      ii. Is a cluster/conservation layout proposed? ☑ Yes ☐ No
      iii. Number of lots proposed? ________
      iv. Minimum and maximum proposed lot sizes? Minimum ________ Maximum ________

e. Will proposed action be constructed in multiple phases? ☐ Yes ☑ No
   i. If No, anticipated period of construction: __________ months
   ii. If Yes:
      • Total number of phases anticipated
      • Anticipated commencement date of phase 1 (including demolition) ______ month ______ year
      • Anticipated completion date of final phase ______ month ______ year
      • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: ____________________________________________

Page 3 of 13
f. Does the project include new residential uses?  □ Yes □ No  
If Yes, show numbers of units proposed.  
<table>
<thead>
<tr>
<th>One Family</th>
<th>Two Family</th>
<th>Three Family</th>
<th>Multiple Family (four or more)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Initial Phase  
At completion of all phases  

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>


g. Does the proposed action include new non-residential construction (including expansions)?  □ Yes □ No  
If Yes,  
  i. Total number of structures  6  
  ii. Dimensions (in feet) of largest proposed structure:  40 height; 90 width; and  length "diameter  
  iii.Approximate extent of building space to be heated or cooled:  4,000 square feet  

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  □ Yes □ No  
If Yes,  
  i. Purpose of the impoundment:  
  ii. If a water impoundment, the principal source of the water:  □ Ground water □ Surface water streams □ Other specify:  
  iii. If other than water, identify the type of impounded/contained liquids and their source.  

  iv. Approximate size of the proposed impoundment.  Volume:  million gallons; surface area:  acres  
  v. Dimensions of the proposed dam or impounding structure:  height;  length  
  vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):  


D.2. Project Operations  

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  □ Yes □ No  
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
If Yes:  
  i. What is the purpose of the excavation or dredging? prepare lagoon area for construction of digesters  
  ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
    • Volume (specify tons or cubic yards): TBD  
    • Over what duration of time?  
  iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
    Materials from lagoons will be emptied and cleaned as part of regular maintenance activities. these materials will be disposed of in accordance with current practices and regulations.  
  iv. Will there be onsite dewatering or processing of excavated materials?  □ Yes □ No  
    If yes, describe.  
    Materials from the ash lagoons will be dried by draining the lagoons.  

  v. What is the total area to be dredged or excavated?  +/- 2.4 acres  
  vi. What is the maximum area to be worked at any one time?  +/- 1 acres  
  vii. What would be the maximum depth of excavation or dredging?  +/- 3 feet  
  viii. Will the excavation require blasting?  □ Yes □ No  
  ix. Summarize site reclamation goals and plan:  
    Site reclamation goals are to properly prepare the lagoon area to support the construction of the digesters and other facilities.  

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  □ Yes □ No  
If Yes:  
  i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): NYSDEC Wetland TS-9
iv. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☑ No

If Yes, describe:

<table>
<thead>
<tr>
<th>Acres of aquatic vegetation proposed to be removed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expected acreage of aquatic vegetation remaining after project completion:</td>
</tr>
<tr>
<td>Purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):</td>
</tr>
<tr>
<td>Proposed method of plant removal:</td>
</tr>
<tr>
<td>If chemical/herbicide treatment will be used, specify product(s):</td>
</tr>
</tbody>
</table>

v. Describe any proposed reclamation/mitigation following disturbance:

---

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☑ No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☑ No

If Yes:

- Name of district or service area:
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☑ No
- Is the project site in the existing district? ☐ Yes ☑ No
- Is expansion of the district needed? ☐ Yes ☑ No
- Do existing lines serve the project site? ☐ Yes ☑ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☑ No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project:

- Source(s) of supply for the district:

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑ No

If Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

---

d. Will the proposed action generate liquid wastes? ☐ Yes ☑ No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

---

e. Will the proposed action use any existing public wastewater treatment facilities? ☑ Yes ☐ No

If Yes:

- Name of wastewater treatment plant to be used: North Plant
- Name of district: Albany County Water Purification District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? □ Yes □ No
If Yes:
- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- What is the receiving water for the wastewater discharge?

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste:


e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? □ Yes □ No
If Yes:
   i. How much impervious surface will the project create in relation to total size of project parcel?
      Square feet or \( \frac{\text{acre}}{\text{acre}} \) total impervious surface - all three sites combined
      Square feet or \( \frac{\text{acre}}{\text{acre}} \) total acreage - all three sites
   
   ii. Describe types of new point sources. Runoff from expanded impervious surfaces from asphalt, buildings and covered tanks to be collected in a stormwater management system (catch basins, piped conveyance to stormwater management basins).

   iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?
   - On-site stormwater management facility.
     - If to surface waters, identify receiving water bodies or wetlands:

   iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? □ Yes □ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? □ Yes □ No
If Yes, identify:
   i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
   ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
   iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)
      - Thermal boilers, combined heat and power, biogas flare and wastewater tanks


g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? □ Yes □ No
If Yes:
   i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) □ Yes □ No
   ii. In addition to emissions as calculated in the application, the project will generate:
      - 635-1270 Tons/year (short tons) of Carbon Dioxide (\( \text{CO}_2 \)) \( \text{existing permit allows 76,163 tons/year} \)
      - 100 Tons/year (short tons) of Nitrous Oxide (\( \text{N}_2\text{O} \)) \( \text{represents a reduction in Nitrous Oxide} \)
      - 0 Tons/year (short tons) of Perfluorocarbons (PFCs)
      - 0 Tons/year (short tons) of Sulfur Hexafluoride (\( \text{SF}_6 \))
      - 0 Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
      - -26 Tons/year (short tons) of Hazardous Air Pollutants (HAPs) \( \text{represents a reduction in HAP's} \)
h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?
   Yes □ No □
   If Yes:
   i. Estimate methane generation in tons/year (metric): +/- 2,570
   ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): Biogas will be stored at low pressures, treated and used as fuel for thermal boilers or CHP systems where waste heat will be recovered and used to heat digesters and an existing ORC turbine. Excess biogas will be flared.

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?
   Yes □ No □
   If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?
   Yes □ No □
   If Yes:
   i. When is the peak traffic expected (Check all that apply): □ Morning □ Evening □ Weekend
   □ Randomly between hours of ___7:00 AM___ to ___7:00 PM___.
   ii. For commercial activities only, projected number of semi-trailer truck trips/day: 5 additional
   iii. Parking spaces: Existing ___ Proposed ___ Net increase/decrease ___
   iv. Does the proposed action include any shared use parking? Yes □ No □
   v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: Loop road will be created reduce truck backing up requirements improving safety and also for staging of trucks and multiple loading simultaneously, thereby improving traffic. Only liquid sludge truck can be off loaded each time currently, and up to four trucks can be offloaded in the future.
   vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes □ No □
   vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes □ No □
   viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes □ No □

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?
   Yes □ No □
   If Yes:
   i. Estimate annual electricity demand during operation of the proposed action:

   ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

   iii. Will the proposed action require a new, or an upgrade to, an existing substation? Yes □ No □

l. Hours of operation. Answer all items which apply.
   i. During Construction:
      • Monday - Friday: 6 am to 6 pm
      • Saturday: 6 am to 6 pm
      • Sunday: 6 am to 6 pm
      • Holidays: 6 am to 6 pm
   ii. During Operations:
      • Monday - Friday: 24 hours per day
      • Saturday: 24 hours per day
      • Sunday: 24 hours per day
      • Holidays: 24 hours per day
m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:
   i. Provide details including sources, time of day and duration:

   Typical construction activities will exceed normal ambient noise levels during construction. No new sources of noise will be generated during operation.

   ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

   Describe: ______________________

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:
   i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

   Several small facility flood lights with no off site impact. Fixtures will be shielded to direct light downward. Location is well within the facility and will not be visible off property.

   ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

   Describe: ______________________

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

Biosolids and municipal sludge have the potential to produce odors. Potential fugitive odors will be mitigated by odor control equipment for sludge loadout and receiving facilities.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☑ Yes ☐ No

If Yes:
   i. Product(s) to be stored Sodium hydroxide

   ii. Volume(s) ___________ gal per unit time ___________ year (e.g., month, year)

   iii. Generally describe proposed storage facilities:

      Above ground fiberglass reinforced plastic tanks with secondary containment in the existing solids handling building.

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☑ Yes ☐ No

If Yes:
   i. Describe proposed treatment(s):

      ______________________

   ii. Will the proposed action use Integrated Pest Management Practices? ☑ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:
   i. Describe any solid waste(s) to be generated during construction or operation of the facility:

      • Construction: ___________ 32 yards tons per ___________ total (unit of time)
      • Operation: ___________ as per permit tons per ___________ (unit of time)

   ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

      • Construction:

      ______________________

      • Operation:

      ______________________

   iii. Proposed disposal methods/facilities for solid waste generated on-site:

      • Construction:

      ______________________

      • Operation: Class A or B biosolids will be hauled from the site and land applied in accordance with US EPA Part 503 Regulations and NYS Part 360 Regulations.
s. Does the proposed action include construction or modification of a solid waste management facility?  Yes No
   i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): Municipal wastewater sludge cake
   ii. Anticipated rate of disposal/processing:
      • 640 Tons/month, if transfer or other non-combustion/thermal treatment, or
      • 0.4 Tons/hour, if combustion or thermal treatment
   iii. If landfill, anticipated site life: NA ___________ years

   t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes No
      i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:

      ii. Generally describe processes or activities involving hazardous wastes or constituents:

      iii. Specify amount to be handled or generated ____ tons/month
      iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:

      v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes No
      If Yes: provide name and location of facility:

      If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

   a. Existing land uses.
      i. Check all uses that occur on, adjoining and near the project site.
         □ Urban □ Industrial □ Commercial □ Residential (suburban) □ Rural (non-farm)
         □ Forest □ Agriculture □ Aquatic □ Other (specify): ___________
      ii. If mix of uses, generally describe:

   b. Land uses and covertypes on the project site. *See additional information (Section F) for South Plant and SCSD sites.*

<table>
<thead>
<tr>
<th>Land use or Covertpe</th>
<th>Current Acreage</th>
<th>Acreage After Project Completion</th>
<th>Change (Acres +/-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roads, buildings, and other paved or impervious surfaces</td>
<td>21.5</td>
<td>22.3</td>
<td>+.8</td>
</tr>
<tr>
<td>Forested</td>
<td>2.0</td>
<td>2.0</td>
<td>0</td>
</tr>
<tr>
<td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td>
<td>2.0* (grass/lawn 1.5)</td>
<td>3.6</td>
<td>+1.6</td>
</tr>
<tr>
<td>Agricultural (includes active orchards, field, greenhouse etc.)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Surface water features (lakes, ponds, streams, rivers, etc.)</td>
<td>0.5</td>
<td>0.5</td>
<td>0</td>
</tr>
<tr>
<td>Wetlands (freshwater or tidal)</td>
<td>0.2</td>
<td>0.2</td>
<td>0</td>
</tr>
<tr>
<td>Non-vegetated (bare rock, earth or fill)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other Describe: settling lagoons</td>
<td>2.4</td>
<td>0</td>
<td>-2.4</td>
</tr>
</tbody>
</table>
c. Is the project site presently used by members of the community for public recreation?
   i. If Yes: explain: ☐ Yes ☑️ No

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑️ No
   If Yes,
   i. Identify Facilities:

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>


e. Does the project site contain an existing dam? ☐ Yes ☑️ No
   i. Dimensions of the dam and impoundment:
      • Dam height: __________________________ feet
      • Dam length: __________________________ feet
      • Surface area: __________________________ acres
      • Volume impounded: ______________________ gallons OR acre-feet
   ii. Dam's existing hazard classification:
   iii. Provide date and summarize results of last inspection:

   ________________
   __________________________

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, ☑️ Yes ☐ No
   or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?
   If Yes:
   i. Has the facility been formally closed? ☑️ Yes ☐ No
      • If yes, cite sources/documentation: Institutional knowledge
   ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:
      Albany North Plant - Adjacent property has a closed landfill and active composting facility owned by the City of Albany, SCS Plant has a closed landfill.
   iii. Describe any development constraints due to the prior solid waste activities:
      None.

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑️ No
   If Yes:
   i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

   ____________________________________________

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☑️ Yes ☐ No
   If Yes:
   i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:
      ☑️ Yes – Spills Incidents database
      ☑️ Yes – Environmental Site Remediation database
      ☐ Neither database
   ii. If site has been subject of RCRA corrective activities, describe control measures:

   ____________________________________________
   ____________________________________________
   ____________________________________________

   iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?
      ☑️ Yes ☐ No
      If yes, provide DEC ID number(s): 54603

   iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
      Hudson River PCB Sediments, from NYC Battery to Hudson Falls in Washington County. Dredging completed in 2015, habitat reconstruction completed in 2016, Facility decommissioning also completed in 2016.
v. Is the project site subject to an institutional control limiting property uses?  ☐ Yes ☑ No
   • If yes, DEC site ID number: ____________________________
   • Describe the type of institutional control (e.g., deed restriction or easement): ____________________________
   • Describe any use limitations: ____________________________
   • Describe any engineering controls: ____________________________
   • Will the project affect the institutional or engineering controls in place?  ☐ Yes ☑ No
   • Explain: ____________________________________________

E.2. Natural Resources On or Near Project Site *See Section F. Additional information for responses E.2a-f - South Plant and SCSD Plant

a. What is the average depth to bedrock on the project site?  ___________ >20 feet

b. Are there bedrock outcroppings on the project site?  ☐ Yes ☑ No
   If Yes, what proportion of the site is comprised of bedrock outcroppings? ___________%

c. Predominant soil type(s) present on project site:
   - UR: ___________________________ 90 %
   - TE: ___________________________ 8 %
   - MH: ___________________________ 2 %

d. What is the average depth to the water table on the project site? Average: ___________ 1.5 to 2 feet

e. Drainage status of project site soils:
   - ☑ Well Drained: ___________ % of site
   - ☑ Moderately Well Drained: ___________ % of site
   - ☑ Poorly Drained: ___________ % of site

f. Approximate proportion of proposed action site with slopes:
   - ☑ 0-10%: ___________ 100 % of site
   - ☑ 10-15%: ___________ % of site
   - ☑ 15% or greater: ___________ % of site

g. Are there any unique geologic features on the project site?  ☐ Yes ☑ No
   If Yes, describe: ____________________________________________

h. Surface water features.
   i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  ☑ Yes ☐ No
   ii. Do any wetlands or other waterbodies adjoin the project site?  ☑ Yes ☐ No
   If Yes to either i or ii, continue. If No, skip to E.2.i.
   iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:
   - Streams: Name ___________________________ Classification ___________________________
   - Lakes or Ponds: Name none on site Classification ___________________________
   - Wetlands: Name NYS Wetland, Federal Waters, Federal Waters, Fe... Classification Approximate Size NYS Wetland (in a..
   - Wetland No. (if regulated by DEC) TS-9 ME-16, ME-17 -Saratoga County

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  ☑ Yes ☐ No
   If yes, name of impaired water body/bodies and basis for listing as impaired: ____________________________________________

i. Is the project site in a designated Floodway?  ☑ Yes ☐ No

j. Is the project site in the 100 year Floodplain?  ☑ Yes ☐ No

k. Is the project site in the 500 year Floodplain?  ☑ Yes ☐ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  ☑ Yes ☐ No
   If Yes:
   ⅰ. Name of aquifer: Principal Aquifer
m. Identify the predominant wildlife species that occupy or use the project site:

<table>
<thead>
<tr>
<th>Wildlife Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>American robin</td>
</tr>
<tr>
<td>rock pigeon</td>
</tr>
<tr>
<td>American crow</td>
</tr>
<tr>
<td>gray squirrel</td>
</tr>
<tr>
<td>European starling</td>
</tr>
<tr>
<td>Virginia opossum</td>
</tr>
<tr>
<td>raccoon</td>
</tr>
<tr>
<td>white-tailed deer</td>
</tr>
<tr>
<td>geese</td>
</tr>
</tbody>
</table>

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No
If Yes:
   i. Describe the habitat/community (composition, function, and basis for designation):
   [Provide description]

   ii. Source(s) of description or evaluation:
[Provide source(s)]

   iii. Extent of community/habitat:
   - Currently: [Number of acres]
   - Following completion of project as proposed: [Number of acres]
   - Gain or loss (indicate + or -): [Number of acres]

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑ Yes ☐ No

   Shortnose Sturgeon - ACWPD North Plant, Bald Eagle - ACWPD North Plant, SCSD site

   Shortnose Sturgeon, Bald Eagle

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No
If yes, give a brief description of how the proposed action may affect that use:
[Provide description]

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☑ Yes ☐ No
If Yes, provide county plus district name/number:

b. Are agricultural lands consisting of highly productive soils present? ☑ Yes ☐ No
   i. If Yes: acreage(s) on project site? >.5 (north plant), >.5 (SCSD). These soils are not located near any active farming operations
   ii. Source(s) of soil rating(s): NCRS Soil Web Soil Survey

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No
If Yes:
   i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
   ii. Provide brief description of landmark, including values behind designation and approximate size/extent:
[Provide description]

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No
If Yes:
   i. CEA name:
   ii. Basis for designation:
   iii. Designating agency and date:
e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?  
☐ Yes ☐ No

If Yes:
   i. Nature of historic/archaeological resource:  ☐ Archaeological Site  ☑ Historic Building or District Champlain Canal SCSD

   ii. Name: Albany Felt Company Complex

   iii. Brief description of attributes on which listing is based:

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?  
☐ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site?  
☐ Yes ☐ No

If Yes:
   i. Describe possible resource(s):
   ii. Basis for identification:

h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?  
☐ Yes ☐ No

If Yes:
   i. Identify resource: Lakes to Locks Passage (NYS Scenic Byway)- SCSD

   ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):

   iii. Distance between project and resource:  ___ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?  
☐ Yes ☐ No

If Yes:
   i. Identify the name of the river and its designation:

   ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?  
☐ Yes ☐ No

F. Additional Information
Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name: Robert E. Ostapczuk, PE  
Date: March 6, 2019

Signature: ________________________________  Title: Associate Vice President
SECTION F. PROJECT DESCRIPTION AND ADDITIONAL INFORMATION

PROJECT DESCRIPTION

The Albany County Water Purification District (ACWPD) and Saratoga County Sewer District (SCSD) (Districts) are proposing the construction of a Regional Biosolids Handling Facility at the existing wastewater treatment plant (North Plant) owned and operated by ACWPD. Both Districts are transitioning away from sewage sludge incinerators (SSIs) as the technology of biosolids treatment. Prior to this a total of five SSIs had been the technology utilized to treat and dispose of biosolids at ACWPD's South Plant (Church St., Albany) and North Plant (1 Canal Rd. South, Menands) and at the SCSD Plant (River Road, Halfmoon). As a result of aging infrastructure, more stringent air regulations, and a desire to produce biogas as renewable resource, SCSD stopped operation of its SSI March 2016 and ACWPD entered into an Order on Consent with the NYS Department of Environmental Conservation (NYSDEC) to replace the existing SSIs with anaerobic digestion facilities.

The project consists of the following elements at each of the Districts’ Plants:

ACWPD South Plant

Primary sludge is drawn from the primary settling tanks at approximately 2% total solids (TS) and is pumped directly to the three sludge holding tanks. Unthickened waste activated sludge (WAS) is drawn from the return activated sludge (RAS) wet well in the RAS pump station located adjacent to the secondary clarifiers and is pumped to the solids disposal building where it is dosed with polymer and split among three dissolved air flotation thickeners (DAFTs). The DAFTs at the South Plant typically achieve a solids content of approximately 5.5% TS. From the DAFTs, the thickened WAS flows into a wet well, and is pumped to the sludge holding tanks where it is blended with the primary sludge and with imported liquid sludge from the Village of Coeymans and the Village of Bethlehem.

From the sludge holding tanks, blended sludge is pumped back into the solids disposal building that houses two belt filter presses (BFPs). Only one of the BFPs is currently operable. The South Plant typically achieves approximately 22% TS. The majority of the solids handling process at the South Plant will remain unchanged by this project, with the exception of adding a second operational BFP. The cake that is produced at the South Plant will be hauled by truck to the North Plant for processing at a projected frequency of two truckloads per weekday or 1-2 truckloads per day on a 7-day per week basis. Currently, dewatered sludge cake at the South Plant is conveyed to a pair of MHIIs. Additionally, new conveyors, odor control equipment and a permanent sludge loading facility will be incorporated into the existing solids disposal building. Site improvements include the construction of a truck turn around area.

Figure 1 South Plant Location Map N.T.S.
**SCSD Plant**

Primary sludge from the SCSD Plant is drawn from the primary settling tanks and sent directly to one of four sludge holding tanks. WAS is drawn from the RAS pump station wet well and pumped to two gravity belt thickeners (GBTs), where it is dosed with polymer and thickened. Thickened WAS leaves the GBTs at approximately 6% TS and is combined with primary sludge in the sludge holding tanks. The combined sludge stream is pumped to two BFPs on the top floor of the solids disposal building. The BFPs produce sludge cake at a typical solids content of approximately 22% TS. Pressed cake is conveyed horizontally and dropped through a chute into a truck loadout facility on the ground floor. The cake that is produced at the SCSD Plant will be hauled by truck to the North Plant for processing at a projected frequency of 2-3 truckloads per weekday or 1-2 truckloads per day on a 7-day per week basis. Currently sludge cake is hauled from the SCSD Plant to a landfill for disposal. The solids handling process at the SCSD Plant will not be altered by this project, except for the solids loadout facility improvements in the existing solids disposal building, including odor control, and a new truck turn around area.

![Figure 2 SCSD Plant Location Map N.T.S.](image)

**North Plant**

ACWPD’s North Plant generates primary sludge and WAS. Primary sludge is currently intermittently pumped from the bottom of the primary clarifiers to the sludge holding tanks. Secondary sludge from the final clarifiers is drawn into a wet well, where it is either returned to the aeration tanks or wasted. WAS is pumped from the wet well to a splitter box in the solids disposal building which distributes it to the Plant's five DAFTs. Polymer is added to these tanks to aid the sludge’s thickening. Thickened WAS is then collected in a well below the DAFTs and pumped to the sludge holding tanks where it is combined with primary sludge.

The North Plant is equipped with four sludge holding tanks with a total capacity of approximately 1.1 million gallons (MG). Three sludge transfer pumps, each with a design capacity of 150 gallons per minute (gpm), currently convey the combined sludge to dewatering. Dewatering is accomplished using a set of BFPs located on the upper level of the solids disposal building.

Based on population projections for the service area sludge production at the North Plant is not anticipated to change. At the conclusion of the design and planning period (2035), the North Plant will still generate two separate streams of sludge: primary sludge and WAS. These streams will be directed separately to the sludge storage tanks, with WAS thickened first. The existing DAFTs will be replaced with GBTs. WAS will be lysed utilizing a thermal chemical hydrolysis process (TCHP).

A new liquid and cake receiving station will be constructed at the site. Currently liquid sludge/septage and fats, oils and grease (FOG) is accepted at the North plant and treated in the wet stream being discharged into primary clarifiers. On average, 25 trucks of liquid sludge/septage and FOG are accommodated by the North Plant currently. The new liquid and cake receiving station will be equipped with two cake hoppers and mixing tanks to rewet sludge cake with WAS from the plant operations. Rewet cake will be pumped to
the existing sludge holding tanks. Liquid sludge will be processed by rock traps and grinders and pumped into the existing sludge holding tanks. FOG will be stored separately in heated and mixing tanks in the new sludge receiving building and pumped directly to new anaerobic digesters.

Sludge from the existing mix tanks will be pumped to new GBTs and sludge screens in the existing solids disposal building. Thickened sludge will be pumped to one of three new anaerobic digesters. The anaerobic digesters will be located in the footprint of the existing ash lagoons. The ash lagoons will be removed from operation and replaced by new facilities, green space and stormwater retention facilities. Digested sludge will be dewatered by new dewatering equipment similar to the existing BFPs and hauled off site as a Class B biosolid.

Biogas will be utilized to fuel new thermal boilers to heat the new anaerobic digesters and drive the existing 925 kW Organic Rankine Cycle (ORC) turbine. Excess biogas will be thermally processed in an enclosed flare that is greater than 99% efficient.

The average sludge projected to be processed at the site is 51.7 dry tons per day (dtpd), which is below the original North Plant design of 64.4 dtpd (Malcolm Pirnie, 1969). Filtrates from thickening and dewatering will be treated in the existing aeration tanks at the North Plant.

Based on the current Title V Air Permits for the South Plant, North Plant and SCSD Plant it is estimated that there could be a reduction of emissions from the Project as compared to allowable emissions from the three Plants. In total the project can result in a total reduction of 63,455 tons per year of Carbon Dioxide, 100 tons per year of Nitrous Oxide and 26 tons per year of total Hazardous Air Pollutants.

The transition from sewage sludge incinerators to anaerobic digestion will result in the following benefits:

- The development of a regional facility should create operational efficiencies and reduce costs for both the ACWPD and the SCSD.
- The reduction in air emissions will improve air quality at all three locations.
- Biogas will be utilized for both heat and electricity.

See attached conceptual site plans for the North Plant for three layout alternatives.

**ADDITIONAL INFORMATION**

**South Plant**

Response to LEAF Question E.1.l.b- total acreage 31.4

<table>
<thead>
<tr>
<th>Land Use or Cover Type</th>
<th>Current Acreage</th>
<th>Acreage After Project Completion</th>
<th>Change (Acres +/-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roads, buildings, other paved or impervious surfaces</td>
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<td>9.5</td>
<td>+.5</td>
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<tr>
<td>Forested</td>
<td>12.7</td>
<td>12.7</td>
<td>0</td>
</tr>
</tbody>
</table>

arcadis.com
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) & 3 & 2.5 & 0  
Agricultural (includes active orchards, field, greenhouses etc.) & 0 & 0 & 0  
Surface water features (lakes, streams, ponds, rivers etc.) & 0 & 0 & 0  
Wetlands (freshwater or tidal) & 5.4 & 5.4 & 0  
Non-vegetated (bare rock, earth of fill) & 0 & 0 & 0  
Other & 1.3 & 1.3 & 0  
Describe: settling lagoons

**Natural Resources on or Near Project Site**

**E2.a-E2.f**

**a. Depth to bedrock:** &gt;6 feet

**b. Bedrock outcroppings:** no

**c. Predominant Soils Type:** Urban land

**d. Average depth to water table:** not provided in USDA NRCS soils report

**e. Drainage Status:**  
moderately well drained – 100%

**f. Slopes:** 0-10%- 100%

**SCSD Plant**

Response to LEAF Question E.1.l.b- total acreage 35.0

<table>
<thead>
<tr>
<th>Land Use or Cover Type</th>
<th>Current Acreage</th>
<th>Acreage After Project Completion</th>
<th>Change (Acres +/-)</th>
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<td>Roads, buildings, other paved or impervious surfaces</td>
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<td></td>
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<td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td>
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<td>Agricultural (includes active orchards, field, greenhouses etc.)</td>
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<td>0</td>
</tr>
<tr>
<td>o.e</td>
<td>0.2</td>
<td>0.2</td>
<td>0</td>
</tr>
<tr>
<td>Wetlands (freshwater or tidal)</td>
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<tr>
<td>Non-vegetated (bare rock, earth of fill)</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>
Natural Resources on or Near Project Site
E2.a-E2.f

a. **Depth to bedrock:** >6 feet
b. **Bedrock outcroppings:** no
c. **Predominant Soils Type:**
   - Hudson Silt Loam: 8%
   - Shaker very fine sandy loam: 83%
   - Water: 9%

d. **Average depth to water table:** 0-18 inches
e. **Drainage Status:**
   - Moderately well drained: 9%
   - Poorly drained: 91%
f. **Slopes:** 0-10%-100%
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<tr>
<th>Question</th>
<th>Answer</th>
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<tr>
<td>B.i.i [Coastal or Waterfront Area]</td>
<td>Yes</td>
</tr>
<tr>
<td>B.i.ii [Local Waterfront Revitalization Area]</td>
<td>Yes</td>
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<tr>
<td>C.2.b. [Special Planning District]</td>
<td>Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>C.2.b. [Special Planning District - Name]</td>
<td>NYS Heritage Areas: Mohawk Valley Heritage Corridor</td>
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<td>E.1.h [DEC Spills or Remediation Site - Potential Contamination History]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.1.h.i [DEC Spills or Remediation Site - Listed]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
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<tr>
<td>E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.1.h.iii [Within 2,000' of DEC Remediation Site]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]</td>
<td>546031</td>
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<tr>
<td>E.2.g [Unique Geologic Features]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.h.i [Surface Water Features]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.h.ii [Surface Water Features]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.h.iii [Surface Water Features]</td>
<td>Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.</td>
</tr>
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<td>E.2.h.iv [Surface Water Features - Wetlands Name]</td>
<td>NYS Wetland, Federal Waters</td>
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<tr>
<td>E.2.h.iv [Surface Water Features - Wetlands Size]</td>
<td>NYS Wetland (in acres): 94.1</td>
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<td>E.2.h.iv [Surface Water Features - DEC Wetlands Number]</td>
<td>TS-9</td>
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<td>E.2.h.v [Impaired Water Bodies]</td>
<td>No</td>
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<tr>
<td>E.2.i. [Floodway]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.j. [100 Year Floodplain]</td>
<td>Yes</td>
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<td>E.2.k. [500 Year Floodplain]</td>
<td>Yes</td>
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<tr>
<td>E.2.l. [Aquifers]</td>
<td>Yes</td>
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<tr>
<td>E.2.l. [Aquifer Names]</td>
<td>Principal Aquifer</td>
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<tr>
<td>E.2.n. [Natural Communities]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.o. [Endangered or Threatened Species]</td>
<td>Yes</td>
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<tr>
<td>E.2.o. [Endangered or Threatened Species - Name]</td>
<td>Shortnose Sturgeon, Bald Eagle</td>
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<tr>
<td>E.2.p. [Rare Plants or Animals]</td>
<td>No</td>
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<tr>
<td>E.3.a. [Agricultural District]</td>
<td>No</td>
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<tr>
<td>E.3.c. [National Natural Landmark]</td>
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<tr>
<td>E.3.d [Critical Environmental Area]</td>
<td>No</td>
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<tr>
<td>E.3.e. [National Register of Historic Places]</td>
<td>Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.</td>
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<td>E.3.e.ii [National Register of Historic Places - Name]</td>
<td>Albany Felt Company Complex</td>
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<tr>
<td>E.3.f. [Archeological Sites]</td>
<td>Yes</td>
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<tr>
<td>E.3.i. [Designated River Corridor]</td>
<td>No</td>
</tr>
</tbody>
</table>
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

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

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

E.2.h.v [Impaired Water Bodies] No

E.2.i [Floodway] No

E.2.j. [100 Year Floodplain] Yes

E.2.k. [500 Year Floodplain] Yes
<table>
<thead>
<tr>
<th>E.2.i. [Aquifers]</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.2.i. [Aquifer Names]</td>
<td>Principal Aquifer</td>
</tr>
<tr>
<td>E.2.n. [Natural Communities]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.o. [Endangered or Threatened Species]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.o. [Endangered or Threatened Species - Name]</td>
<td>Shortnose Sturgeon</td>
</tr>
<tr>
<td>E.2.p. [Rare Plants or Animals]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.a. [Agricultural District]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.c. [National Natural Landmark]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.d [Critical Environmental Area]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.e. [National Register of Historic Places]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.3.f. [Archeological Sites]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.3.i. [Designated River Corridor]</td>
<td>No</td>
</tr>
</tbody>
</table>
### B.i.i [Coastal or Waterfront Area]
No

### B.i.ii [Local Waterfront Revitalization Area]
No

### 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

### 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

### 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): 22.8, NYS Wetland (in acres): 66.6

### E.2.h.iv [Surface Water Features - DEC Wetlands Number]
ME-16, ME-17

### E.2.h.v [Impaired Water Bodies]
No
<table>
<thead>
<tr>
<th>E.2.i. [Floodway]</th>
<th>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.2.j. [100 Year Floodplain]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.k. [500 Year Floodplain]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.l. [Aquifers]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.l. [Aquifer Names]</td>
<td>Principal Aquifer</td>
</tr>
<tr>
<td>E.2.n. [Natural Communities]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.o. [Endangered or Threatened Species]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.o. [Endangered or Threatened Species - Name]</td>
<td>Bald Eagle</td>
</tr>
<tr>
<td>E.2.p. [Rare Plants or Animals]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.a. [Agricultural District]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.c. [National Natural Landmark]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.d [Critical Environmental Area]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.e. [National Register of Historic Places]</td>
<td>Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.3.e.ii [National Register of Historic Places - Name]</td>
<td>Champlain Canal</td>
</tr>
<tr>
<td>E.3.f. [Archeological Sites]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.3.i. [Designated River Corridor]</td>
<td>No</td>
</tr>
</tbody>
</table>
Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency’s reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency and the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

**Tips for completing Part 2:**
- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “Yes” to a numbered question, please complete all the questions that follow in that section.
- If you answer “No” to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

### 1. Impact on Land

Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)

*If “Yes”, answer questions a - j. If “No”, move on to Section 2.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may involve construction on land where depth to water table is less than 3 feet.</td>
<td>E2d</td>
<td>☑</td>
</tr>
<tr>
<td>b. The proposed action may involve construction on slopes of 15% or greater.</td>
<td>E2f</td>
<td>☑</td>
</tr>
<tr>
<td>c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.</td>
<td>E2a</td>
<td>☑</td>
</tr>
<tr>
<td>d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.</td>
<td>D2a</td>
<td>☑</td>
</tr>
<tr>
<td>e. The proposed action may involve construction that continues for more than one year or in multiple phases.</td>
<td>D1e</td>
<td>☑</td>
</tr>
<tr>
<td>f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).</td>
<td>D2e, D2q</td>
<td>☐</td>
</tr>
<tr>
<td>g. The proposed action is, or may be, located within a Coastal Erosion hazard area.</td>
<td>B1i</td>
<td>☑</td>
</tr>
<tr>
<td>h. Other impacts:</td>
<td></td>
<td>☐</td>
</tr>
</tbody>
</table>
2. Impact on Geological Features
   The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)
   *If “Yes”, answer questions a - c. If “No”, move on to Section 3.*

| a. Identify the specific land form(s) attached: ____________________________ | E2g | □ | □ |
| b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: ____________________________ | E3e | □ | □ |
| c. Other impacts: | | | |

3. Impacts on Surface Water
   The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)
   *If “Yes”, answer questions a - l. If “No”, move on to Section 4.*

| a. The proposed action may create a new water body. | D2b, D1h | ✔ | □ |
| b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water. | D2b | ✔ | □ |
| c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body. | D2a | ✔ | □ |
| 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. | E2h | □ | ✔ |
| e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments. | D2a, D2h | ✔ | □ |
| f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water. | D2c | ✔ | □ |
| g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s). | D2d | ✔ | □ |
| 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. | D2e | ✔ | □ |
| i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action. | E2h | ✔ | □ |
| j. The proposed action may involve the application of pesticides or herbicides in or around any water body. | D2q, E2h | ✔ | □ |
| k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities. | D1a, D2d | ✔ | □ |
4. **Impact on groundwater**
   The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)
   *If “Yes”, answer questions a - h. If “No”, move on to Section 5.*

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.</td>
<td>D2c</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer.</td>
<td>D2c</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Cite Source:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. The proposed action may allow or result in residential uses in areas without water and sewer services.</td>
<td>D1a, D2c</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may include or require wastewater discharged to groundwater.</td>
<td>D2d, E2l</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.</td>
<td>D2c, E1f, E1g, E1h</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.</td>
<td>D2p, E2l</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.</td>
<td>E2h, D2q, E2l, D2c</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. Other impacts: ________________________________________________________</td>
<td></td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

5. **Impact on Flooding**
   The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)
   *If “Yes”, answer questions a - g. If “No”, move on to Section 6.*

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may result in development in a designated floodway.</td>
<td>E2i</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may result in development within a 100 year floodplain.</td>
<td>E2j</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may result in development within a 500 year floodplain.</td>
<td>E2k</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may result in, or require, modification of existing drainage patterns.</td>
<td>D2b, D2e</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may change flood water flows that contribute to flooding.</td>
<td>D2b, E2i, E2j, E2k</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?</td>
<td>E1e</td>
<td>☑</td>
<td>☐</td>
</tr>
</tbody>
</table>
6. **Impacts on Air**

The proposed action may include a state regulated air emission source. (See Part I. D.2.f., D.2.h, D.2.g)

If “Yes”, answer questions a - f. If “No”, move on to Section 7.

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 1000 tons/year of carbon dioxide (CO₂) ii. More than 3.5 tons/year of nitrous oxide (N₂O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HFCs) emissions vi. 43 tons/year or more of methane</td>
<td>D2g</td>
<td>☑</td>
</tr>
<tr>
<td>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.</td>
<td>D2g</td>
<td>☐</td>
</tr>
<tr>
<td>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 BTU’s per hour.</td>
<td>D2f, D2g</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may reach 50% of any of the thresholds in “a” through “c”, above.</td>
<td>D2g</td>
<td>☑</td>
</tr>
<tr>
<td>e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.</td>
<td>D2s</td>
<td>☑</td>
</tr>
<tr>
<td>f. Other impacts:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. **Impact on Plants and Animals**

The proposed action may result in a loss of flora or fauna. (See Part I. E.2. m.-q.)

If “Yes”, answer questions a - j. If “No”, move on to Section 8.

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.</td>
<td>E2o</td>
<td>☑</td>
</tr>
<tr>
<td>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.</td>
<td>E2o</td>
<td>☑</td>
</tr>
<tr>
<td>c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.</td>
<td>E2p</td>
<td>☑</td>
</tr>
<tr>
<td>d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.</td>
<td>E2p</td>
<td>☑</td>
</tr>
</tbody>
</table>
e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect. E3c

f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. E2n

Source:

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. E2m

h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. E1b

Habitat type & information source: ______________________________

i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides. D2q

j. Other impacts: ______________________________

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)

If “Yes”, answer questions a - h. If “No”, move on to Section 9.

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.</td>
<td>E2c, E3b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).</td>
<td>E1a, E1b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.</td>
<td>E3b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.</td>
<td>E1b, E3a</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may disrupt or prevent installation of an agricultural land management system.</td>
<td>E1a, E1b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.</td>
<td>C2c, C3, D2c, D2d</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.</td>
<td>C2c</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. Other impacts: ______________________________</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. **Impact on Aesthetic Resources**

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

*If “Yes”, answer questions a - g. If “No”, go to Section 10.*

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.</td>
<td>E3h</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.</td>
<td>E3h, C2b</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>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</td>
<td>E3h</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>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</td>
<td>E3h, E2q, E1c</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.</td>
<td>E3h</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile</td>
<td>D1a, E1a, D1f, D1g</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>g. Other impacts:</td>
<td></td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

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

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

*If “Yes”, answer questions a - e. If “No”, go to Section 11.*

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>E3e</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>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.</td>
<td>E3f</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:</td>
<td>E3g</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
d. Other impacts:  

| If any of the above (a-d) are answered “Moderate to large impact may occur”, continue with the following questions to help support conclusions in Part 3: |
|---|---|---|
| i. The proposed action may result in the destruction or alteration of all or part of the site or property. E3e, E3g, E3f | ✓ |  |
| ii. The proposed action may result in the alteration of the property’s setting or integrity. E3e, E3f, E3g, E1a, E1b | ✓ |  |
| iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting. E3e, E3f, E3g, E3h, C2, C3 | ✓ |  |

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.)

*If “Yes”, answer questions a - e. If “No”, go to Section 12.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat. D2e, E1b E2h, E2m, E2o, E2n, E2p</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>b. The proposed action may result in the loss of a current or future recreational resource. C2a, E1c, C2c, E2q</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>c. The proposed action may eliminate open space or recreational resource in an area with few such resources. C2a, C2c E1c, E2q</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>d. The proposed action may result in loss of an area now used informally by the community as an open space resource. C2c, E1c</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>e. Other impacts:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)

*If “Yes”, answer questions a - c. If “No”, go to Section 13.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA. E3d</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA. E3d</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>c. Other impacts:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. (See Part 1. D.2.j)
*If “Yes”, answer questions a - f. If “No”, go to Section 14.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Projected traffic increase may exceed capacity of existing road network.</td>
<td>D2j</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.</td>
<td>D2j</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action will degrade existing transit access.</td>
<td>D2j</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action will degrade existing pedestrian or bicycle accommodations.</td>
<td>D2j</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may alter the present pattern of movement of people or goods.</td>
<td>D2j</td>
<td>☐</td>
</tr>
<tr>
<td>f. Other impacts:</td>
<td></td>
<td>☐</td>
</tr>
</tbody>
</table>

The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k)
*If “Yes”, answer questions a - e. If “No”, go to Section 15.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action will require a new, or an upgrade to an existing, substation.</td>
<td>D2k</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.</td>
<td>D1f, D1q, D2k</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may utilize more than 2,500 MWHrs per year of electricity.</td>
<td>D2k</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.</td>
<td>D1g</td>
<td>☐</td>
</tr>
<tr>
<td>e. Other Impacts:</td>
<td></td>
<td>☐</td>
</tr>
</tbody>
</table>

### 15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1. D.2.m., n., and o.)
*If “Yes”, answer questions a - f. If “No”, go to Section 16.*

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may produce sound above noise levels established by local regulation.</td>
<td>D2m</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.</td>
<td>D2m, E1d</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may result in routine odors for more than one hour per day.</td>
<td>D2o</td>
<td>☐</td>
</tr>
</tbody>
</table>
d. The proposed action may result in light shining onto adjoining properties. | D2n | ✓ | ☐

e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions. | D2n, E1a | ✓ | ☐

f. Other impacts: ____________________________________________________________ | ☐ | ☐

16. Impact on Human Health
   The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)
   If “Yes”, answer questions a - m. If “No”, go to Section 17. □ NO □ YES

<table>
<thead>
<tr>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.</td>
<td>E1d</td>
<td>☐</td>
</tr>
<tr>
<td>b. The site of the proposed action is currently undergoing remediation.</td>
<td>E1g, E1h</td>
<td>☐</td>
</tr>
<tr>
<td>c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.</td>
<td>E1g, E1h</td>
<td>☐</td>
</tr>
<tr>
<td>d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).</td>
<td>E1g, E1h</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.</td>
<td>E1g, E1h</td>
<td>☐</td>
</tr>
<tr>
<td>f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.</td>
<td>D2t</td>
<td>☐</td>
</tr>
<tr>
<td>g. The proposed action involves construction or modification of a solid waste management facility.</td>
<td>D2q, E1f</td>
<td>☐</td>
</tr>
<tr>
<td>h. The proposed action may result in the unearthing of solid or hazardous waste.</td>
<td>D2q, E1f</td>
<td>☐</td>
</tr>
<tr>
<td>i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.</td>
<td>D2r, D2s</td>
<td>☐</td>
</tr>
<tr>
<td>j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.</td>
<td>E1f, E1g, E1h</td>
<td>☐</td>
</tr>
<tr>
<td>k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.</td>
<td>E1f, E1g</td>
<td>☐</td>
</tr>
<tr>
<td>l. The proposed action may result in the release of contaminated leachate from the project site.</td>
<td>D2s, E1f, D2r</td>
<td>☐</td>
</tr>
</tbody>
</table>

m. Other impacts:
   ____________________________________________________________ | ☐ | ☐ |
## 17. Consistency with Community Plans
The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2, and C.3.)

If “Yes”, answer questions a - h. If “No”, go to Section 18.

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).</td>
<td>C2, C3, D1a E1a, E1b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.</td>
<td>C2</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action is inconsistent with local land use plans or zoning regulations.</td>
<td>C2, C2, C3</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action is inconsistent with any County plans, or other regional land use plans.</td>
<td>C2, C2</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.</td>
<td>C3, D1c, D1d, D1f, D1d, E1b</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.</td>
<td>C4, D2c, D2d D2j</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)</td>
<td>C2a</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>h. Other:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 18. Consistency with Community Character
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)

If “Yes”, answer questions a - g. If “No”, proceed to Part 3.

<table>
<thead>
<tr>
<th>Question</th>
<th>Relevant Part I Question(s)</th>
<th>No, or small impact may occur</th>
<th>Moderate to large impact may occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.</td>
<td>E3e, E3f, E3g</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)</td>
<td>C4</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.</td>
<td>C2, C3, D1f D1g, E1a</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.</td>
<td>C2, E3</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e. The proposed action is inconsistent with the predominant architectural scale and character.</td>
<td>C2, C3</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>f. Proposed action is inconsistent with the character of the existing natural landscape.</td>
<td>C2, C3 E1a, E1b E2g, E2h</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>g. Other impacts:</td>
<td></td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>
Full Environmental Assessment Form

Part 3 - Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:
To complete this section:
- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact.
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See attached sheet

---

Determination of Significance - Type 1 and Unlisted Actions

<table>
<thead>
<tr>
<th>SEQR Status:</th>
<th>☑ Type 1</th>
<th>☐ Unlisted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify portions of EAF completed for this Project:</td>
<td>☑ Part 1</td>
<td>☑ Part 2</td>
</tr>
</tbody>
</table>
Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the as lead agency that:

☐ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Regional Biosolids Facility

Name of Lead Agency: Albany County

Name of Responsible Officer in Lead Agency: Andrew Joyce

Title of Responsible Officer: Chairman

Signature of Responsible Officer in Lead Agency: [Signature]

Date: 4/22/19

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person: Angelo Gaudio

Address: 1 Canal Road South, Albany, NY 12204

Telephone Number: 518 447-1611

E-mail: angelo.gaudio@albanycountyny.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Full Environmental Assessment Form
Part 3 – Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

Reasons supporting this determination:

1. Impact on Land

The construction period for this project is approximately 24 months at the ACWPD North Site. The work will be sequenced to limit the potential impacts related to soil erosion and sedimentation. The project will require a State Pollution Discharge Elimination System (SPDES) General Construction Permit and adherence to a Stormwater Pollution Prevention Plan (SWPPP) prior to any construction activities. This site is located in an area zoned Heavy Industrial. In addition, access to the facility is via a road system that currently hosts trucks and equipment related to this operation and nearby operations.

New disturbance is limited at all three sites. The majority of the work will occur in previously disturbed areas (areas of lagoons). Disturbance at both the SCSD Site and the ACWPD South Site is limited to minor roadway improvements (less than 0.5 acres each). Work at the SCSD Site and ACWPD South Site would be accomplished in less than one construction season.

No significant impacts to land are expected from this project.

3. Impacts on Surface Water

Regarding the ACWPD North Site, the DEC ERM mapper identified the northern portion of the site that includes existing structures and lagoons located in the mapped State Regulated Wetland adjacent area. It also includes the lagoons that will be removed to make way for the digesters and sludge cake building. A site visit noted the potential for an NWI wetland proximate to the roadway improvements.

The ACWPD South Site is in the adjacent area of a mapped State Regulated Wetland that includes the entirety of the site and developed area including the access road. NWI wetlands are limited to site limits and are not mapped in the area of potential impact.

A small area of the SCSD Site is mapped within a State Regulated Wetland and the remaining area is within the adjacent area. Again, the wetland adjacent is completely developed. Construction activities are limited to roadway improvements.

As more detailed site plans are developed, efforts will be made to remain outside of any state and federally regulated wetlands. To the extent possible, impacts to the 100-foot Adjacent Area of state regulated wetlands will be minimized. Permits from both the NYSDEC and the US Army Corps of Engineers may be required. However, no significant impacts to wetlands or their buffers are anticipated. Most of the area identified for new construction and other improvements will be on previously disturbed areas. As stated above, a SPDES General
Construction Permit Notice of Intent will be submitted and a SWPPP will be prepared prior to construction.

5. **Impacts on Flooding**
   Portions of the ACWPD North site and the ACWPD South site are mapped in the FEMA 100-year floodplain. The planned location of the new facilities will include locations in both the 500-year and 100-year floodplain. The facility will be designed in accordance with local building code requirements to prevent flood damage.

6. **Impact on Air**
   Currently the three sites operate under Title 5 New York State Air Facility Permits. The permit limits for Carbon Dioxide (CO₂) are as follows for each site:

   North Plant Site: 670 tons/year  
   South Plant Site: 493 tons/year  
   SCSD Site: 75,000 tons/year  
   **Total:** 76,163 tons/year

   This project will eliminate the CO₂ emissions from the South Plant and the SCSD sites. The use of this technology will produce a total of 635-1270 tons/year of CO₂ at the North Plant Site, representing a reduction of approximately 63,455 tons/year existing permit limits) cumulatively for all three plants. Additionally, hazardous air pollutants will be reduced by approximately 26 tons/year and Nitrous Oxide emissions will be reduced by approximately 100 tons/year.

   Operations at the proposed anaerobic digestion facilities at the North Plant Site will produce approximately 2,570 tons/year of methane in the form of biogas. The methane will be utilized on site in boilers, electrical generators and/or cleaned to renewable natural gas quality and pumped onto the natural gas distribution system or lastly burned in an enclosed flare.

   Moving away from sludge incinerators to anaerobic digestion facilities will result in reduced greenhouse gas emissions. This project will obtain either a NYS Air Registration or a Title 5 NYS Air Facility Permit and meet any requirements contained therein. As a result, no adverse impacts to air quality are anticipated since there will be an overall reduction in emissions.

7. **Impacts on Plants and Animals**
   The NYSDEC mapper application noted the potential for Bald Eagle at the ACWPD north site and the SCSD site. A bald eagle survey was conducted on February 20, 2019 at both sites to document if bald eagles are nesting in proximity to the site and if they are using the project vicinity as a winter conservation area. The results of this survey are that neither site or vicinity is being used for nesting or winter concentration areas (see attached).

   The Shortnose Sturgeon was also identified by the NYSDEC mapper applications tool at the ACWPD North Plant due to its proximity to the Hudson River. Construction and operation
activities will not impact the Hudson River. As noted above, this project will require both a SPDES permit and a SWPPP which will address potential stormwater run-off and soil erosion impacts. Therefore, no impacts to the Shortnose Sturgeon are expected.

8. **Impacts on Aesthetic Resources**

US Route 4 near the SCSD Site is part of Lakes to Locks Passage, a NYS “National” designated Scenic Byway which runs from Waterford, NY to the Canadian border. In this area US Route 4 parallels a section of the Old Champlain Canal. The work that may occur on the SCSD site is limited to interior improvements in the existing solids building and a new truck turn around area. Views to the River from Route 4 will remain unchanged. The Old Champlain Canal itself is located immediately west of the SCSD site while Route 4 is located immediately east of the site. The Old Champlain Canal in this location is not visible from Route 4. No impact to this resource is anticipated as the project will not change the existing character of the site or any views to from the roadway.

9. **Impact on Historic and Archeological Resources**

The Albany Felt Complex, listed on the National Register of Historic Places, is located at 1373 Broadway across from the North Plant site and the SCSD site is located adjacent to the Old Champlain Canal the State Historic Preservation Office (SHPO) reviewed the North Plant Site where the majority of the work will take place in accordance with Section 106 of the National Historic Preservation Act of 1966. Correspondence dated April 11, 2018 (attached) indicated that no historic properties will be affected by this undertaking.

Improvements to the South Plant and SCSD sites consists of constructing a truck turn around area at each site to accommodate the trucks that will haul the cake to the North Plant site for processing. Plans for this minor improvement have not been developed at this time, however it is anticipated that the turn-around areas will be constructed in the disturbed areas of each site. Once developed, these plans will be submitted to SHPO for review. No physical disturbance will occur prior to SHPO’s review.
April 11, 2018

Mr. Timothy Murphy  
Executive Director  
Albany County Water Purification District  
1 Canal Rd South  
Menands, NY 12204

Re: NYSEFC  
Regional Biosolids Facility  
18PR02079

Dear Mr. Murphy:

I thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project 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 potential 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 upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRRHP Project Review (PR) number noted above.

Sincerely,

Michael F. Lynch, P.E., AIA  
Director, Division for Historic Preservation
Consultation: 18FR02079
Status: Closed

**Project: Regional Biosolids Facility**

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- **Project Number:** 18FR02079
- **Project Name:** Regional Biosolids Facility
- **Project Completion Date:** 04/11/2018
- **Date Created:** 04/10/2018
- **Project Status:** Closed
- **Created By:** Linda Mackey
- **Closed By:** Linda Mackey
- **Comment:**

**Consultation Information:**

- **Archaeology Concerns:**
- **Building Concerns:**
- **Agency Reference Number:**
  - **Finding:** No Historic Properties Affected
  - **Finding Date:** 04/1/2018
  - **Finding Comment:** Fast-track Finding
- **Specific Address:**
  - **Address:**
  - **City:**
  - **ZIP:**
  - **Has Buildings:**
  - **Ground Disturbance:**
  - **Previous Ground Disturbance:**
    - **Previous Ground Description:** Construction of an anaerobic digester facility
      - **Description:** Switching sludge disposal method from incineration to anaerobic digesters.
      - **Location Description:** Elimination of two settling lagoons, renovation of previously disturbed grounds for alternative use, including new buildings, anaerobic digesters.