

Full Environmental Assessment Form

Part 1 - Project and Setting

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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 applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: WWTP Outfall Diffuser and Plant Improvements Project		
Project Location (describe, and attach a general location map): Outfall location: Adjacent to Ferry Road and the Ferry Road Pier, Piermont, NY; WWTP Location: 4 Route 340, Orangeburg, NY (see attached map)		
Brief Description of Proposed Action (include purpose or need): The Rockland County Sewer District No. 1 (RCSD No. 1; "Applicant") owns and operates a New York State Department of Environmental Conservation (NYSDEC) permitted municipal wastewater treatment plant (WWTP) located on NYS Route 340 in Orangeburg, Rockland County, New York. Treated effluent from the RCSD No. 1 WWTP is discharged through an existing outfall (that is jointly used by the Town of Orangetown's WWTP) into the Hudson River located in the Village of Piermont, New York. The Applicant continually monitors and evaluates the existing wastewater discharge system and proposes to undertake a variety of improvements in order to meet any final requirements that may be included in its NYSDEC State Pollutant Discharge Elimination System (SPDES) permit. It is anticipated that proposed improvement projects may include upgrade to the existing outfall and improvements at the existing WWTP. The existing outfall is located in the bed of the Hudson River south of Ferry Road and Piermont Pier. It is anticipated that the proposed work would include a pipe extension of the outfall towards the river channel, and the addition of several diffusers to increase dilution of the plant effluent discharge into the Hudson River. Improvements at the existing WWTP may include equipment upgrades and replacements, as well as treatment process improvements within the existing footprint of the WWTP and ancillary facilities.		
Name of Applicant/Sponsor: Rockland County Sewer District No. 1	Telephone: 845-365-6111	
	E-Mail: RCSD@co.rockland.ny.us	
Address: 4 Route 340		
City/PO: Orangeburg	State: NY	Zip Code: 10962
Project Contact (if not same as sponsor; give name and title/role): Michael R. Saber, P.E., Executive Director	Telephone: 845-365-6111	
	E-Mail: SaberM@co.rockland.ny.us	
Address: 4 Route 340		
City/PO: Orangeburg	State: NY	Zip Code: 10962
Property Owner (if not same as sponsor):	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission		
c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	*See attachment B	Q2 2023
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	*See attachment B	Q2 2023
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	*See attachment B	Q2 2023
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<ul style="list-style-type: none"> • 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, identify the plan(s): Remediation Sites:546031 _____ _____	
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?
Waterfront District 2 (WF-2)

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? South Orangetown Central School District

b. What police or other public protection forces serve the project site?
Village of Piermont Police Department; Town of Orangetown Police Department

c. Which fire protection and emergency medical services serve the project site?
Piermont Fire Department - Empire Hose Co. No. 1; Sparkill Palisades Fire Department, Orangeburg Fire Department

d. What parks serve the project site?
Town of Orangetown Office of Recreation and Parks; Tallman Mountain State Park; Kane Park and Playground; Flywheel Park

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)? Public utility improvements

b. a. Total acreage of the site of the proposed action? _____ 17.1 acres
 b. Total acreage to be physically disturbed? _____ < 5 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 31.7 acres

c. 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)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
 If Yes,
 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 the proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ 12-24 months *36-40 months if additions are needed at the WWTP.
 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: _____

*The proposed project is not subject to local zoning regulations

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,
 i. Total number of structures _____
 ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length
 iii. Approximate extent of building space to be heated or cooled: _____ 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? Potential for excavation at WWTP and off-site disposal depending on final design.
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): Est. less than 500 CY. To be assessed during final design
 • Over what duration of time? During initial civil and site work at WWTP, if needed (less than a year)
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Potential work at WWTP anticipated to be located with previously developed locations. Excavation materials could include driveway subbase, gravel and/or native materials depending on depth of excavation.
 iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. Dewatering for discreet excavation at the WWTP may be required and will be completed in accordance with NYS Erosion and Sediment Control Standards.
 v. What is the total area to be dredged or excavated? _____ estimated to be less than 1 acres
 vi. What is the maximum area to be worked at any one time? _____ estimated to be less than 1 acres
 vii. What would be the maximum depth of excavation or dredging? _____ estimated to be 10 feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan: _____
Areas disturbed during the installation of improvements at the WWTP will be restored to pre-construction conditions.

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): Work in the Hudson River will be required for the installation of the outfall diffuser. No wetlands or streams will be impacted at the WWTP.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
Temporary work in the Hudson River will be required, but no loss of waterbodies will be required.

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No
 If Yes, describe: Minor disruption to riverbed during installation of outfall diffuser.

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No
 If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____
Mitigation is not anticipated but will be developed as required.

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: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

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): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No
 If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of 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

• Do existing sewer lines serve the project site? Yes No
 • Will a line extension within an existing district be necessary to serve the project? Yes No
 If Yes:
 • Describe extensions or capacity expansions proposed to serve this project: _____

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 _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
 ii. Describe types of new point sources. _____

 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)?

 • If to surface waters, identify receiving water bodies or wetlands: _____

 • Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the 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)

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:
 • _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 • _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 • _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

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 _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

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: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 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: _____ 7:00 a.m. - 6:00 p.m. _____
- Saturday: _____ as needed _____
- Sunday: _____ as needed _____
- Holidays: _____ as needed _____

ii. During Operations:

- Monday - Friday: _____ 24 hours/day; 7 days/week _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

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:
Proposed construction equipment operating during permitted construction hours: _____

ii. Will the 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:
Temporary lighting may be required during the construction phase, but not necessarily expected. _____

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: _____

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 _____

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

iii. Generally, describe the proposed storage facilities: _____

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: _____ tons per _____ (unit of time)
- Operation : Potential sludge increase 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: Sludge, including any additional generated through WWTP improvements, to be disposed of in accordance with current operations and best management practices.

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

- Construction: _____
- Operation: Sludge, including any additional generated through WWTP improvements, to be disposed of in accordance with current operations and best management practices.

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

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.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	17.1	17.1	0 +/-
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.4	0.4	0 +/-
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? Yes No
 i. If Yes: explain: Recreational boating, fishing, scenic overview associated with the outfall location

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:

e. Does the project site contain an existing dam? Yes No
 If Yes:
 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, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
 If Yes:
 i. Has the facility been formally closed? Yes No
 • If yes, cite sources/documentation: _____
 ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

 iii. Describe any development constraints due to the prior solid waste activities: _____

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 No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): 546031
 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): 344034, 546031, V00579, V00343, C344073, C344078
 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
344034 - Piermont Papermills - site has been properly closed; requires continued site management; 546031 - Hudson River PCB Sediments - ongoing remediation; V00579 - Former Orangeburg Pip - Mfg - Lowe's Site - Completed; V00343 - Former Orangeburg Pipe Landfill- No further action at this time; C344073 - Orangeburg Commons - Completed; C344078- Orangetown Commerce Center - Active, not yet complete

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

a. What is the average depth to bedrock on the project site? _____ >6 feet Outfall: Unknown

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:

Urban Land	_____	38.3 %
Udorthents, wet substratum	_____	36.7 %
Sloan silt loam	_____	25 %

d. What is the average depth to the water table on the project site? Average: _____ 3.5 feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained: _____ 100 % 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 856-5 Classification B(T)
- Wetlands: Name Federal Waters; Federal Waters; Tidal Wetlands Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? No Yes
If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Name - Pollutants - Uses: Hudson River (Class SB), portion - Priority Organics - Fish Consumption

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:		
Grey squirrel _____	Black-capped Chickadee _____	osprey _____
white-tailed deer _____	green frog _____	great blue heron _____
American Robin _____	striped bass _____	catfish _____
n. Does the project site contain a designated significant natural community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
i. Describe the habitat/community (composition, function, and basis for designation): _____ Brackish Subtidal Aquatic Bed, Brackish Tidal Marsh, Brackish Intertidal Mudflats		
ii. Source(s) of description or evaluation: _____		
iii. Extent of community/habitat:		
• Currently:	565.0, 249.0, 28.0	acres
• Following completion of project as proposed:	565.0, 249.0, 28.0	acres
• Gain or loss (indicate + or -):	0	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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
i. Species and listing (endangered or threatened): _____ Least Bittern, New England Bulrush, Pied-billed Grebe, Eastern Grasswort, Atlantic Sturgeon, Shortnose Sturgeon		
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
i. Species and listing: _____		
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If yes, give a brief description of how the proposed action may affect that use: _____ Site is currently used for recreational fishing. It is not anticipated that the proposed project will have an adverse impact on this use.		
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes, provide county plus district name/number: _____		
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. If Yes: acreage(s) on project site? _____		
ii. Source(s) of soil rating(s): _____		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature		
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____		
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
i. CEA name: Sparkill Creek, Piermont Pier		
ii. Basis for designation: Protect open space & aesthetic beauty		
iii. Designating agency and date: Agency: Piermont, Village of, Date: 4-24-85		

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic 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? Yes No

If Yes:

i. Nature of historic/archaeological resource: Archaeological Site Historic Building or District

ii. Name: _____

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: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Tallman Mountain State Park, Palisades Scenic Byway

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 Rockland County Sewer District Date 5/17/22
Michael R. Sabar, P.E.

Signature  Title Executive Director



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



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]	Remediation Sites:546031
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Yes
E.1.h.j [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Yes
E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]	546031
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]	344034, 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]	Tidal Wetlands, Federal Waters
E.2.h.v [Impaired Water Bodies]	Yes
E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Hudson River (Class SB), portion – Priority Organics – Fish Consumption

E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Brackish Subtidal Aquatic Bed, Brackish Tidal Marsh, Brackish Intertidal Mudflats
E.2.n.i [Natural Communities - Acres]	565.0, 249.0, 28.0
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Least Bittern, New England Bulrush, Pied-billed Grebe, Eastern Grasswort, Atlantic Sturgeon, Shortnose Sturgeon
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	Sparkill Creek, Piermont Pier
E.3.d.ii [Critical Environmental Area - Reason]	Protect open space & aesthetic beauty
E.3.d.iii [Critical Environmental Area – Date and Agency]	Agency:Piermont, Village of, Date:4-24-85
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	Yes
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d. [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

ATTACHMENT A

Project Location Map

Project Site - Index



Rockland County
Sewer District #1
Outfall Modification
Town of Dongenburgh, Rockland
County, New York

-  Outfall
-  WWT
-  Other Sewer



Prepared May 11, 2022
Drawing: 110227-202-001-001-01-001-01

**Rockland County
Sewer District #1
Outfall Modification**
Town of Orangeburg, Rockland
County, New York

-  Outfall
-  Well Dr
-  Under Water



0 50 100 200
Feet

Prepared and in 2021
by EDR Engineering, Inc.



**Rockland County
Sewer District #1
Outfall Modification**
Town of Orangeburg, Rockland
County, New York

-  Outfall
-  Water
-  Inlets/Over



0 20 40 60
Feet

Prepared by: EDR
Drawing No: 2017-007-001-001-001

ATTACHMENT B

List of Approvals

Rockland County Sewer District No. 1 Outfall Modification Environmental Review

List of Approvals and Involved Agencies

April 11, 2022

	Agency	Anticipated Regulatory Jurisdiction
Local / County	Rockland County Legislature	<ul style="list-style-type: none"> • Local approval and permitting
	Rockland County Health Department	
	Rockland County Planning	
	Rockland County Drainage Agency ¹	
	Rockland County Board of Sewer Commissioners	
	Town of Orangetown	<ul style="list-style-type: none"> • Partially funding project
New York State	Department of Environmental Conservation (Region 3)	<ul style="list-style-type: none"> • Section 401 of the Clean Water Act (<i>Section 404 requirement</i>): <ul style="list-style-type: none"> • Water Quality Certification • Article 15, Water Resources – Environmental Conservation Law: <ul style="list-style-type: none"> • Protection of Waters Permit
	Office of General Services, Bureau of Land Management	Approval to conduct work in state-owned, underwater lands
	Department of State	<ul style="list-style-type: none"> • Coastal Consistency review + Federal Consistency Assessment Form
	Office of Parks, Recreation and Historic Preservation	<ul style="list-style-type: none"> • Archaeological Sensitivity Area + Phase IA submittal to NYS SHPO – SHPO to issue a Letter of Effect • Consultation with NYS Parks due to proximity to Tallman State Park
Federal	US Army Corps of Engineers (New York City District)	<ul style="list-style-type: none"> • Section 404 of the Clean Water Act: <ul style="list-style-type: none"> + Discharge of dredged or fill material into the waters of the U.S. + Joint Application for Permit • Section 10 of the River and Harbors Act:

¹ Permits are required for construction activity within 100 feet of the channel lines of any Official Regulated Stream pursuant to the Rockland County Stream Control Act.

Rockland Outfall Extension Environmental Review

List of Approvals and Involved Agencies

April 11, 2022

	Agency	Anticipated Regulatory Jurisdiction
		<ul style="list-style-type: none">+ Section 10 Permit for obstructions or alteration of navigable waters of the United States• Endangered Species Coordination - Project impacts to the Essential Fish Habitat
	US Fish and Wildlife Service	<ul style="list-style-type: none">• Federal consultation required as part of the Joint Application for Permit+ Essential Fish Habitat Area; presence of Atlantic and short-nosed sturgeon
	National Oceanic and Atmospheric Agency	

Full Environmental Assessment Form

Part 2 - Identification of Potential Project Impacts

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]

Project :
 Date :

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) <i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>			
		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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)

NO

YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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)

NO

YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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4. Impact on groundwater NO YES

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.

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

5. Impact on Flooding NO YES

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.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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6. Impacts on Air			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
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 (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
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.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
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.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources			
The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
<i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
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.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

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.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>				<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>		
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	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
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	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>		
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

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.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>				<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
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.	E3e	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
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.	E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
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: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>		

d. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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	<input type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>

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.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
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	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems.

 NO YES

(See Part 1. D.2.j)

If "Yes", answer questions a - f. If "No", go to Section 14.

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

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy.

 NO YES

(See Part 1. D.2.k)

If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
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.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting.

 NO YES

(See Part 1. D.2.m., n., and o.)

If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	D2t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E1f, E1g E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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.) <i>If "Yes", answer questions a - h. If "No", go to Section 18.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
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%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
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.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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) <i>If "Yes", answer questions a - g. If "No", proceed to Part 3.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

Full Environmental Assessment Form

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

Project :

Date :

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 Attachment A - Full Environmental Assessment Form Part 3 Narrative.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: Type 1 Unlisted

Identify portions of EAF completed for this Project: Part 1 Part 2 Part 3

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
Rockland County Sewer District No. 1 _____ 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: WWTP Outfall Diffuser and Plant Improvements Project

Name of Lead Agency: Rockland County Sewer District No. 1

Name of Responsible Officer in Lead Agency: Michael R. Saber, P.E.

Title of Responsible Officer: Executive Director

Signature of Responsible Officer in Lead Agency:



Date:

6/23/22

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person: Michael R. Saber, P.E.

Address: 4 Route 340, Orangeburg, NY 10962

Telephone Number: 845-365-6111

E-mail: SaberM@co.rockland.ny.us

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)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

PRINT FULL FORM

State Environmental Quality Review Act

**Full Environmental Assessment Form Part 3
Attachment A**

Date: June 22, 2022

Description of Action

The Rockland County Sewer District No. 1 (RCSD No. 1; "Applicant") owns and operates a New York State Department of Environmental Conservation (NYSDEC) permitted municipal wastewater treatment plant (WWTP) located on NYS Route 340 in Orangeburg, Rockland County, New York. Treated effluent from the RCSD No. 1 WWTP is discharged through an existing outfall (that is jointly used by the Town of Orangetown's WWTP) into the Hudson River located in the Village of Piermont, New York.

The Applicant continually monitors and evaluates the existing wastewater discharge system and proposes to undertake a variety of improvements in order to meet the final requirements that may be included in its NYSDEC State Pollutant Discharge Elimination System (SPDES) permit. It is anticipated that proposed improvement projects may include upgrade to the existing outfall and improvements at the existing WWTP. The existing outfall is located in the bed of the Hudson River south of Ferry Road and Piermont Pier. It is anticipated that the proposed work would include a pipe extension of the outfall towards the river channel, and the addition of several diffusers to increase dilution of the plant effluent discharge into the Hudson River. Improvements at the existing WWTP may include equipment upgrades and replacements, as well as treatment process improvements within the existing footprint of the WWTP and ancillary facilities. As a result, the project is anticipated to improve regional water quality upon the completion of construction.

To support the Applicant's State Environmental Quality Review Act (SEQRA) process, the following summary of predicted environmental impacts is provided. This information builds upon, and is provided to support, Part 2 of the Full Environmental Assessment Form (FEAF) and serves as Part 3 of the FEAF in accordance with SEQRA.

In response to the requirements of SEQRA the Lead Agency (RCSD No. 1) must complete a statement containing rationale in support of their determination of significance (Part 3 of the FEAF). As documented in the FEAF Part 2, there are three questions for which the potential impact has been identified as potentially "moderate to large" and that warrant further explanation which is provided below. Also provided below, in accordance with Part 3, are additional explanations for why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact, in connection with six questions answered in the Part 2 FEAF as "no", or "small impacts" (see below).

Questions for which the response indicates that a moderate to large impact may occur:

Question 1: Impact on Land

Question 3: Impacts on Surface Water

Question 4: Impact on Groundwater

Additional explanations for why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact:

- Question 5: Impact on Flooding
- Question 7: Impact on Plants and Animals
- Question 10: Impact on Historic and Archeological Resources
- Question 12: Impact on Critical Environmental Areas
- Question 15: Impact on Noise, Odor, and Light
- Question 16: Impact on Human Health

1. Impacts on Land

Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site.

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

While the depth to the water table may be three feet or less in some areas at the WWTP project location, the activities associated with the scope of work are not expected to adversely affect the water table. The WWTP improvements will generally be located in previously disturbed areas. Work at the proposed outfall location is in the Hudson River, which is within/below the existing water table. It is anticipated that the project will not adversely affect or lower the water table; however temporary work may be required and will be discussed in the Draft Environmental Impact Statement (DEIS).

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

The applicant indicates that construction would be accomplished in multiple overlapping phases, occurring over a period in excess of 12 months. The DEIS will provide detailed information regarding the construction timeline and phasing.

3. Impacts on Surface Waters

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes).

3.c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.

The proposed outfall pipe extension is anticipated to result in temporary disturbance to the riverbed of the Hudson River. Construction-related impacts will be evaluated in the DEIS.

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

A review of the Hudson Valley Natural Resource Mapper available through the NYSDEC indicates that tidal wetlands are not located at the precise location of the proposed outfall pipe extension; however, several tidal wetlands are located near the proposed location on Piermont Pier and southwest of the Pier. The locations of these tidal wetlands are also riparian buffer areas. Additionally, potential proposed work at the existing WWTP could be located adjacent to Sparkill Creek, a NYSDEC class C(T) stream. The DEIS will assess potential impacts to wetland and water resources.

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

The proposed outfall pipe extension may result in a temporary increase in water turbidity due to disturbance of bottom sediments within the Hudson River. As a result, the impacts on turbidity will be minimal, and mitigation, if required, will be determined through further analysis in the DEIS.

3.g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).

The proposed action involves upgrades to an existing wastewater outfall pipe located in the bed of the Hudson River. It is anticipated that the proposed project will not cause increased discharge of wastewater into the Hudson River above current volumes. As a result, the project is anticipated to improve regional water quality upon the completion of construction. The DEIS will further assess the magnitude and importance of these impacts.

3.i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.

The proposed action involves upgrades to an existing wastewater outfall pipe located in the bed of the Hudson River. It is anticipated that the proposed project will not cause increased discharge of wastewater into the Hudson River above current volumes. As a result, the project is anticipated to improve regional water quality upon the completion of construction. The DEIS will further assess the magnitude and importance of these impacts.

4. Impacts 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.

4.d. The proposed action may include or require wastewater discharged to groundwater.

The proposed action involves upgrades to an existing wastewater outfall in the Hudson River. The Hudson River waterway shares hydrologic connections to the groundwater and aquifers along its banks. The DEIS will further assess the magnitude and importance of these impacts.

5. Impacts on Flooding

The proposed action may result in development on lands subject to flooding.

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

A review of the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Maps (FIRM) indicates that the WWTP project area, and the existing outfall site, occur partially or within the 1% Annual Chance floodplain associated with Sparkill Creek and the Hudson River, respectively. It is anticipated that the proposed project will not be a significant obstruction or reduce the area of the floodplain in manner that will have a significant impact. As a result, the impacts on flooding will be minimal, and mitigation, if required, will be determined through further analysis in the DEIS.

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

A review of the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Maps (FIRM) indicates that the WWTP project area, and the existing outfall site occur partially or within the 5% Annual Chance floodplain associated with Sparkill Creek and the Hudson River, respectively. It is anticipated that the proposed project will not be a significant obstruction or reduce the area of the floodplain in manner that will have a significant impact. As a result, the impacts on flooding will be minimal, and mitigation, if required, will be determined through further analysis in the DEIS.

7. Impacts on Plants and Animals

The proposed action may result in a loss of flora or fauna.

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

Question E2o on Part 1 of the FEAF indicates that the site of the proposed outfall upgrades falls within the Hudson River which includes habitat for species of plants, fish, and wildlife. The DEIS will further assess the magnitude and importance of potential impacts to threatened and endangered species, and significant coastal fish and wildlife habitats.

10. Impacts on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource.

10b. 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.

Question E3f on Part 1 of the FEAF indicates that the project site, or any portion of it, is located adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. The project will be reviewed to determine if the proposed project will cause an adverse impact to historic or cultural resources within the project area in accordance with the procedures outlined in 6 NYCRR Part 617 SEQR, Section 14.09 of the New York State Parks, Recreation and Historic Preservation law (1980), and/or Section 106 of the National Historic Preservation Act (NHPA, 1966). All NYSHPO findings, correspondence, and mitigation actions, if required, will be incorporated into the DEIS.

12. Impacts on Critical Environmental Areas

The proposed action may be located within or adjacent to a Critical Environmental Area (CEA).

Question E3d on Part 1 of the FEAF indicates that the proposed outfall project is adjacent to two state- listed Critical Environmental Areas (CEA). The Sparkill Creek and Piermont Pier CEAs were designated by the Village of Piermont on April 24, 1985 with the protection of open space and aesthetic beauty as the basis for designation. The DEIS will provide further evaluation and analysis to determine if there are any necessary mitigation efforts required to reduce impacts to the CEAs.

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting.

As noted in Question D2m on Part 1 of the FEAF, construction activities may result in temporary increases of nearby sound levels due to the intermittent use of heavy machinery during construction of the proposed project. Construction noise can vary widely depending on the phase of construction (e.g., demolition, clearing

and excavations, foundation, steel and concrete erection, etc.) and the specific task equipment and methods used. The DEIS will assess the magnitude and importance of these impacts.

The proposed project does not require the lighting of new site elements. Lighting could be utilized temporarily during construction and designed to maintain site safety and security while avoiding off-site light spill-over onto neighboring properties. The DEIS will assess the magnitude and importance of these 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.

16b. The site of the proposed action is currently undergoing remediation.

Question E1h on Part 1 of the FEAF indicates that the site of the proposed action is currently undergoing remediation which corresponds to the ongoing PCB remediation within the Hudson River (DEC ID number 546031). This will be further evaluated in the DEIS.

16c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.

Question E1h on Part 1 of the FEAF indicates that the site of the proposed action is within 2000 feet of sites listed on the NYSDEC Environmental Site Remediation database. A review of public data as documented in Part 1 of the FEAF indicates the potential for the following DEC Identified Sites to be located near the WWTP or outfall locations: 344034 (Piermont Papermills; site has been properly closed; requires continued site management), 546031 (Hudson River PCB Sediments ; ongoing remediation), V00579 (Former Orangeburg Pipe - Mfg - Lowe's Site; Completed), V00343 (Former Orangeburg Pipe Landfill; No further action at this time), and C344073 (Orangeburg Commons; Completed). According to the NYSDEC Environmental Site Remediation Database, V00579 (Former Orangeburg Pipe - Mfg - Lowe's Site) and C344073 (Orangeburg Commons) have completed remediation efforts. Potential impacts related to the nearby locations will be further evaluated in the DEIS.

Conclusion

Upon review of the information recorded in this FEAF and considering both the magnitude and importance of each identified potential impact, additional information is required to determine if significant adverse impacts on the environment will result from the project, and, therefore, an environmental impact statement will be prepared. As such, a determination of significance (Positive Declaration) may be undertaken by the Lead Agency.

Motion to Approve:
Genito/Kenny

June 22, 2022

Unan.

RESOLUTION NO. 37 OF 2022
ISSUING A POSITIVE DECLARATION, AUTHORIZING SCOPING SESSION,
AND EIS FOR THE WASTEWATER TREATMENT PLANT OUTFALL
DIFFUSER AND PLANT IMPROVEMENTS PROJECT

WHEREAS, the Rockland County Sewer District No. 1 (hereinafter “RCSD”) proposes to undertake a variety of improvements in order to meet final requirements that may be included in its New York State Department of Environmental Conservation, State Pollutant Discharge Elimination System Permit, and,

WHEREAS, proposed improvements include upgrades to an existing outfall located in the bed of the Hudson River south of Ferry Road and Piermont Pier (which is jointly used by RCSD and the Town of Orangetown’s wastewater treatment plants), including a pipe extension of the outfall towards the river channel, and the addition of several diffusers to increase dilution of effluent discharge into the Hudson River, as well as equipment upgrades and replacements, and treatment process improvements within the existing footprint of the wastewater treatment plant and ancillary facilities, located on NYS Route 340 in Orangeburg, Rockland County, New York, all of which will improve water quality (the “Project”), and,

WHEREAS, the Project is subject to the State Environmental Quality Review Act, 6 NYCRR Part 617 (“SEQRA”), which requires activities like the Project, that are proposed by a unit of local government, like the RCSD, to conduct an environmental impact assessment to identify and mitigate the significant environmental impacts of the proposed Project, and,

WHEREAS, Resolution No. 24 of 2022 authorized RCSD to designate itself as lead agency under SEQRA for the Project, and,

WHEREAS, RCSD notified involved parties of its intent to serve as lead agency for the Project on May 18, 2022, and,

WHEREAS, RCSD was established as lead agency on June 18, 2022, having not received any objection from any involved party during the 30 calendar days following the May 18, 2022 notification to involved parties, and,

WHEREAS, under SEQRA, within 20 days of establishing RCSD as lead agency, the lead agency must make a determination as to whether the Project may or will not have a significant adverse impact on the environment, and,

WHEREAS, RCSD and its consultants have determined that the Project may result in a significant adverse impact (a “Positive Declaration”), and therefore, will require preparation of an environmental impact statement (a “EIS”), and,

WHEREAS, pursuant to SEQRA, RCSD must prepare and file a notice of the Positive Declaration, and,

WHEREAS, after filing a notice of the Positive Declaration, RCSD must begin the scoping process under SEQRA in order to identify the issues that will be addressed in a draft EIS, and must provide a reasonable opportunity for the public and other interested agencies to participate in the scoping process, which may include meetings, exchanges of written material or other methods, now, therefore, be it,

RESOLVED, that the Rockland County Board of Sewer Commissioners hereby approves RCSD's intent to issue a Positive Declaration, and authorizes the Executive Director to take any and all necessary or appropriate actions related thereto, including but not limited to the issuance and publication of all required notices, and, be it,

FURTHER RESOLVED, that the Executive Director is hereby authorized and directed to take any and all necessary or appropriate actions to facilitate scoping sessions and the development of the EIS, including but not limited to, providing a reasonable opportunity for the public and other interested agencies to participate in the scoping process, by way of meetings, exchanges of written material or other methods, and, be it,

STILL FURTHER RESOLVED, that the Executive Director is hereby authorized and directed to take such steps as are necessary to carry out the intent of this resolution.