




**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Village of Scotia | City of Schenectady | Town of Rotterdam |
|---|--|--|---|
| B. Government Entity and Agency/Approval | | | |
| i. (i.i.) | No | No | No |
| i.ii. | No | No | No |
| i.iii. | No | No | No |
| C.2. Adopted Land Use Plans | | | |
| a. | A comprehensive land use plan does not exist for this municipality or was not available for review. | Yes; Yes. | Yes; Yes. |
| b. | Yes- NYS Heritage Areas: Mohawk Valley Heritage Corridor, Federal Heritage Area: Erie Canal National Heritage Corridor | Yes- Remediation Sites: C447042, NYS Heritage Areas: Mohawk Valley Heritage Corridor and Schenectady, Federal Heritage Area: Erie Canal National Heritage Corridor | Yes- Remediation site 447001, NYS Heritage Areas: Mohawk Valley Heritage Corridor and Schenectady, Federal Heritage Area: Erie Canal National Heritage Corridor |
| c. | No | No | No |
| C.3 Zoning | | | |
| a. | Yes- Single Family Residence (5,000 SQFT), Water Front, Business-Residence. | Yes- Heavy Industrial, Light Industrial, Recreation and Open Space, Stockade Historic Residential, Business. | Yes- Agricultural, General Industrial, General Business, Retail Business, One Family Residential, Two Family Residential. |
| C.4 Existing Community Services | | | |
| a. | Scotia-Glenville Central School District | Schenectady City School District | Schalmont Central School District |
| b. | Scotia Police Department, Schenectady County Sheriff, NYS Police | Schenectady Police Department, Schenectady County Sheriff, NYS Police | Rotterdam Police Department, Schenectady County Sheriff, NYS Police |
| c. | Village of Scotia Fire Department | Schenectady Fire Department | Fire District #7 Schonowe |
| d. | Collins Park | Front Street Park, Riverside Park | Lock 8 Park, Rotterdam Kiwanis Park, Plotter Kill Nature Preserve, Woestina Park |
| D.1. Proposed & Potential Development | | | |
| b. | Up to approximately thirty two (32) acres (including approximately six (6) acres of water) | Up to approximately 120 acres (including approximately ninety (90) acres of water) | Up to approximately 847 acres (including approximately 423 acres of water) |
| b.b. | Up to approximately thirty two (32) acres (including approximately six (6) acres of water) | Up to approximately 120 acres (including approximately ninety (90) acres of water) | Up to approximately 847 acres (including approximately 423 acres of water) |
| E.1. Land Uses on and Surrounding the Project Site | | | |
| a. Existing land uses | Forest, Commercial, Residential (suburban), Aquatic | Industrial, Commercial, Residential, Aquatic | Forest, Agriculture, Industrial, Aquatic, Residential (suburban), Rural (non-farm) |
| b. Land Use or Coverttype | (Intentionally left empty) | (Intentionally left empty) | (Intentionally left empty) |
| b. (continued) Roads, buildings, and other paved or impervious surfaces | Approximately sixteen (16) acres; Approximately sixteen (16) acres; N/A | Approximately twelve (12) acres; Approximately twelve (12) acres; N/A | Approximately forty two (42) acres; Approximately forty two (42) acres; N/A |
| b. (continued) Forested | Approximately five (5) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | N/A | Approximately 230 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |
| b. (continued) Meadows, grasslands or brushlands | Approximately two (2) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately twelve (12) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately sixty four (64) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |


**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Village of Scotia | City of Schenectady | Town of Rotterdam |
|---|---|---|---|
| b. (continued) Agriculture | N/A | N/A | Approximately sixty four (64) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |
| b. (continued) Surface water features | Approximately six (6) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately ninety (90) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately 423 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |
| b. (continued) Wetlands | Approximately three (3) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately six (6) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately twenty four (24) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |
| b. (continued) Non-vegetated | N/A | N/A | N/A |
| b. (continued) Other | N/A | N/A | N/A |
| d. | Yes | No | Yes |
| d.i. | Riverside School, Mohawk School | N/A | Woestina Elementary School |
| e. | No | No | Yes |
| e.i. | N/A | N/A | Lock E-9 Dam- Height: 20' Length: 585' Surface Area: 390 acres Volume Impounded: 3,100 acre-feet Lock E-8 Dam- Height: 16' Length: 600' Surface Area: 390 acres Volume Impounded: 1,939 acre-feet |
| e.ii. | N/A | N/A | Lock E-9 Dam: B, Lock E-8 Dam: A |
| e.iii. | N/A | N/A | Lock E-9 Dam: 10/8/2015, Lock E-8 Dam: 10/8/2015. Inspection results are not available. |
| h. | Yes | Yes | Yes |
| h.i. | Yes- Spills Incident Database: 9604838, 9513183, 0007019, 0201085, 9504481 | Yes- Spills Incident Database: 8800982, 1705658, 8302520, 9900630, 9003145, 1107271 Yes- Environmental Site Remediation Database: C447042, C447043 | Yes- Spills Incident Database: 8602549, 8910842, 8907274, 9008127, 9009379, 9010173, 9100279, 9102436, 9110227, 9110754, 9200636, 9304202, 9305904, 9507691, 9700001, 1106615, 1106715, 1106717, 1106719, 0603448, 9304255, 1407588, 1701151 Yes- Environmental Site Remediation Database: 447001, |
| h.ii. | N/A | No | Yes: Hazardous Waste Cleanup SI Group, NYD002070118- RFI for a portion of the site is still under review, Interim Corrective Measures to address groundwater contamination have been implemented, a slurry wall was constructed to prevent groundwater contamination of the Mohawk River, and chemical and hydraulic monitoring is conducted quarterly. |
| h.iii. | Yes- C447042, C447043, C447044 | Yes- 447004, 447047, E447036, E447035, B00049, 447051, C447044, V00111, C447037, C447033, 447025, 447028, 447016, B00053, 447018 | Yes- 447021, 447004, 447047, 447051, B00049 |


**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | <p align="center">Village of Scotia</p> | <p align="center">City of Schenectady</p> | <p align="center">Town of Rotterdam</p> |
|---|---|--|--|
| <p>h.iv. Land uses on and surrounding the project site</p> | <p>All spills are closed. C447042 & C447043: remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site. C447044: Contaminated soils and groundwater are not a concern to human health, however there is a potential for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy.</p> | <p>Spills: 8800982, 8302520, 9900630, 9003145, 1107271- closed, 1705658- not closed. C447042: remedial actions are complete, C447043: remedial actions are complete, 447004: Proposed Remedial Action Plan addresses exposure concerns and calls for evaluation of potential soil vapor intrusion, 447047: Contamination on site is unlikely however off-site migration of environmental contaminants are possible, E447036: Measures are in place to control potential for contact, E447035: Site is covered with clean soil and crushed stone and exposure is unlikely while offsite contaminations is maintained with site V00474, B00049: Contact with soil contamination is mitigated with paving, drinking water does not come from the site, and soil vapor intrusion is being investigated, 447051: Further investigation is needed to determine if the disposal of hazardous waste at the site occurred and/or to evaluate whether the site presents a significant threat to public health or the environment, C447044: groundwater and soil contamination is unlikely, however potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy, V00111: A Voluntary Cleanup Program being managed under sites C447042, C447043, and C447044, C447037: Risks have been mitigated and contact is unlikely, C447033: Site being managed under sites C447042, C447043, and C447044, 447025: Removal actions have been completed and site remains deed restricted with no further action, 447028: Remedial measures are in place and site no longer poses a public health concern, 447016: NYSDOH has insufficient information to full evaluate the potential for human exposure, 447018: Remedial activities are complete, B00053: Contact with contamination is unlikely at this site.</p> | <p>All spills on the site are closed. The RCRA site is undergoing continuous monitoring and the remediation plan is under review. Site 447001: Potential for human exposure is possible in certain circumstances, Site 447021: Contact to water contamination is unlikely although this former landfill site is not fenced and human contact is possible if trespassers enter the site, Site 447004: The potential for surface water contamination is addressed with the Proposed Remedial Action Plan, as well as the call for evaluation of the potential soil vapor intrusion into on-site structures, Site 447047: Direct contact with contaminants is unlikely however inhalation of VOCs and contaminants exists, as well as the potential for off-site migration of environmental contaminants, Site 447051: Site is being evaluated to determine if site contamination presents public health exposure concerns, B00049: Contact with soil contamination is mitigated with paving, drinking water does not come from the site, and soil vapor intrusion is being investigated.</p> |
| <p>h.v.</p> | <p>No</p> | <p>No</p> | <p>No</p> |
| <p>E.2. Natural Resources On or Near Project Site</p> | | | |
| <p>a.</p> | <p>>6.5'</p> | <p>>6.5'</p> | <p>>6.5'</p> |
| <p>c.</p> | <p>Howard gravelly silt loam, 0-3% slopes: 50.4%, Urban land- Colonie complex: 28%, Cut and fill land: 19%</p> | <p>Cut and Fill Land- 12.6%, Raynham silt loam- 8.9%, Urban land-Colonie complex- 0.2%</p> | <p>Hamlin Silt Loam: 20.6%, Cut and Fill Land: 14.0%, Wayland Soils Complex, 0-3% slopes, frequently flooded: 5.0%</p> |
| <p>d.</p> | <p>>6.5'</p> | <p>0.5'-6'</p> | <p>0.5'-6'</p> |
| <p>e.</p> | <p>Well drained: 97.4%</p> | <p>Well Drained: 12.8%, Poorly Drained: 8.9%</p> | <p>Well Drained: 34.6%, Poorly Drained: 5%</p> |


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NYSDEC FEAF Part I Supplemental**

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|---|--|--|--|
| f. | 0-10%: 97.4% | 0-10%: 21.7% | 0-10% Slopes: 39.6% |
| g. | No | No | Yes- Scotia Sand & Stone Company |
| h. (h.i.) | Yes | Yes | Yes |
| h.ii. | Yes | Yes | Yes |
| h.iii. | Yes | Yes | Yes |
| h.iv. | Streams: 876-7 (Class A), Wetlands: NYS Wetland S-113, Federal Wetlands L1UBHh | Streams: 876-7 (Class A), Wetlands: Federal Wetlands L1UBHh, PUBFh, PEM1Eh, PUBHh, PUBHx | Streams: 876-113 (Class C), 876-8 (Class A), 876-106 (Class C), 876-109 (Class C), 876-108 (Class C), 876-7 (Class A), Wetlands: Federal Wetlands PFO1Ch, L1UBhh, PEM1Ch, PFO1A, R3UBH, R5UBH, R4SBC |
| h.v. | No | No | Yes- Pollutants, minor tribs to Mohawk River- Unknown Toxicity- Recreation, Habitat/Hydrology/Aquatic Life |
| i. | Yes | Yes | Yes |
| j. | Yes | Yes | Yes |
| k. | Yes | Yes | Yes |
| l. | Yes | Yes | Yes |
| l.i. | Principal Aquifer, Sole Source Aquifer Names: Schenectady-Niskayuna SSA | Principal Aquifer, Sole Source Aquifer: Schenectady-Niskayuna SSA, Primary Aquifer | Principal Aquifer, Sole Source Aquifer Names: Schenectady-Niskayuna SSA, Primary Aquifer |
| n. | No | No | No |
| n.i. | N/A | N/A | N/A |
| n.ii. | N/A | N/A | N/A |
| n.iii. | N/A | N/A | N/A |
| o. | Yes- Bald Eagle, Northern Long Eared Bat (no critical habitat) | Yes- Bald Eagle, Northern Long Eared Bat (no critical habitat) | Yes- Bald Eagle, Side-oats Grama, Northern Long Eared Bat (no critical habitat) |
| p. | Rare Dragonflies and Damselflies | Rare Dragonflies and Damselflies, | No |
| E.3 Designated Public Resources On or Near Project Site | | | |
| a. | No | No | Yes |
| b. | Yes | Yes | Yes |
| b.i. | Approximately 10.3 acres | Approximately 9.2 acres | Approximately 196.3 acres |
| b.ii. | USGS Web Soil Survey | USGS Web Soil Survey | USGS WSS |
| c. | No | No | No |
| c.i. | N/A | N/A | N/A |
| c.ii. | N/A | N/A | N/A |
| d. | Yes | Yes | Yes |


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NYSDEC FEAF Part I Supplemental**

|  | Village of Scotia | City of Schenectady | Town of Rotterdam |
|---|--|---|---|
| d.i. | Aquifer Area Overlay Zone | Aquifer Area Overlay Zone | Aquifer Overlay Zone |
| d.ii. | Conserve, improve, protect natural resources | Conserve, improve, protect natural resources | Conserve, improve, protect natural resources |
| d.iii. | Agency: Town of Rotterdam, Date: 4-5-85 | Agency: Town of Rotterdam, Date: 4-5-85 | Agency: Town of Rotterdam, Date: 4-5-85 |
| e. | Yes | Yes | Yes |
| e.i. | Historic Building or District | Historic Building of District | Historic Building or District |
| e.ii. | New York State Barge Canal Historic District, Abraham Glen House | New York State Barge Canal Historic District, Stockade Historic District, Abutment of Theodore Burr's Wooden Suspension Bridge- Washington Ave, YMCA of Schenectady | New York State Barge Canal Historic District, Mabee House, Enlarged Lock No. 23, Old Erie Canal, Enlarged Lock No. 23, Old Erie Canal District |
| e.iii. | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce, Abraham Glen House (USN 09341.000002): Rare, substantially intact example of mid-18th century Dutch, wood frame residential architecture in Schenectady County, and significance to local history. | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce, Stockade Historic District (90NR02654, USN 09340.001405): Site of human habitation for more than 300 years showcasing a multitude of significant architectural styles as well as feats of engineering with the Erie Canal and Theodore Burr's Wooden suspension bridge, Theodore Burr's Wooden Suspension Bridge - Washington Ave (USN 09340.000077): Feats of engineering, YMCA of Schenectady (USN 09340.001152): Exterior designed by prominent Helmie & Corbett Architects from NYC and highlights a mix of early 20th Century revival styles | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce, Mabee House (USN 09305.000163): Architecture significant to exploration and settlement Enlarged Lock No. 23, Old Erie Canal (USN 09305.000271): Significance to Transportation, built in approximately 1835. Enlarged Lock No. 23, Old Erie Canal (07PR06972): Significance to Transportation and Engineering |
| f. | Yes | Yes | Yes |
| g. | No | No | No |
| g.i. | N/A | N/A | N/A |
| g.ii. | N/A | N/A | N/A |
| h. | Yes | Yes | Yes |
| h.i. | Mohawk Towpath Byway and Revolutionary Trail Byway | Mohawk Towpath Byway and Revolutionary Trail Byway | Mohawk Towpath Byway and Revolutionary Trail Byway |
| h.ii. | Mohawk Towpath - National Designated Scenic Byway, Revolutionary Trail Byway- NYS Designated Scenic Byway | Mohawk Towpath - National Designated Scenic Byway, Revolutionary Trail Byway- NYS Designated Scenic Byway | Mohawk Towpath - National Designated Scenic Byway, Revolutionary Trail Byway- NYS Designated Scenic Byway |
| h.iii. | 0.5 miles | 0.5 miles | 0.5 miles |
| i. | No | No | No |
| i.i. | N/A | N/A | N/A |
| i.ii. | N/A | N/A | N/A |


**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Town of Glenville | Town of Niskayuna | Town of Princetown |
|---|---|--|---|
| B. Government Entity and Agency/Approval | | | |
| i. (i.i.) | No | No | No |
| i.ii. | No | No | No |
| i.iii. | No | No | No |
| C.2. Adopted Land Use Plans | | | |
| a. | Yes; Yes. | Yes; Yes - 6th Comprehensive Development Plan for the Town of Niskayuna, NY (2013). | Yes; No. |
| b. | Yes- NYS Heritage Area: Mohawk Valley Corridor, Federal Heritage Area: Erie Canal National Heritage Corridor | Yes- Remediation Sites: 447013, 447017, 447011, 447013A, NYS Heritage Area: Mohawk Valley Heritage Corridor, Federal Heritage Area: Erie Canal National Heritage Corridor | Yes, NYS Heritage Area: Mohawk Valley Heritage Corridor, Federal Heritage Area: Erie Canal National Heritage Corridor |
| c. | Yes- Town of Glenville Open Space Plan | Yes - 6th Comprehensive Development Plan for the Town of Niskayuna, NY (2013). | No |
| C.3 Zoning | | | |
| a. | Yes- Land Conservation, Rural Residential/ Agricultural, Public Park Lands, Riverfront Recreation/ Commercial, Suburban Residential. | Yes; municipal zones in the project area include: General Industrial, Research & Development, Rural Residential, Land Conservation, Office Technology/Light Industrial, Planned Unit Development, Low Density Residential, Medium Density Residential. | Yes - C-1. |
| C.4 Existing Community Services | | | |
| a. | Scotia-Glenville Central School District | Niskayuna Central School District | Schalmont Central School District |
| b | Town of Glenville Police Department, Schenectady County Sheriff, NYS Police | Niskayuna Police Department, Schenectady County Sheriff, NYS Police | Rotterdam Police Department, Schenectady County Sherrif, NYS Police |
| c | Alplaus Fire Department, Beukendaal Fire Department, Scotia Fire Department | Niskayuna Fire Department, Districts 1 and 2 | Plotterkill Volunteer Fire Department, Pine Grove Fire Department |
| d | Maalwyck Park, Lock 9 State Canal Park | Parks within project area: Aqueduct Park, Lock 7 Boat Launch, Lions Park, Mohawk River State Park, Blatnick Park | None |
| D.1. Proposed & Potential Development | | | |
| b. | Up to approximately 921 acres (including approximately 737 acres of water) | Up to approximately 1,025 acres | Up to approximately 0.1 acres |
| b.b. | Up to approximately 921 acres (including approximately 737 acres of water) | Up to approximately 1,025 acres | Up to approximately 0.1 acres |
| E.1. Land Uses on and Surrounding the Project Site | | | |
| a. Existing land uses | Forest, Aquatic, Residential (suburban), Rural (non-farm), Commercial | Forest, Rural, Aquatic | Forest |
| b. Land Use or Coverttype | (Intentionally left empty) | (Intentionally left empty) | (Intentionally left empty) |
| b. (continued) Roads, buildings, and other paved or impervious surfaces | Approximately forty six (46) acres; Approximately forty six (46) acres; N/A | Approximately forty (40) acres; Approximately forty (40) acres; N/A | N/A |
| b. (continued) Forested | Approximately eighty two (82) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately 270 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately one (1) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. |
| b. (continued) Meadows, grasslands or brushlands | Approximately forty six (46) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately 100 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | N/A |


**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Town of Glenville | Town of Niskayuna | Town of Princetown |
|---|---|--|--------------------|
| b. (continued) Agriculture | N/A | Approximately fifty (50) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | N/A |
| b. (continued) Surface water features | Approximately 737 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately 530 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | N/A |
| b. (continued) Wetlands | Approximately ten (10) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | Approximately thirty-five (35) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity. | N/A |
| b. (continued) Non-vegetated | N/A | N/A | N/A |
| b. (continued) Other | N/A | N/A | N/A |
| d. | Yes | No | No |
| d.i. | Woestina Elementary School, Scotia-Glenville Middle School | N/A | N/A |
| e. | Yes | No | No |
| e.i. | Lock E-9 Dam- Height: 20' Length: 585' Surface Area: 390 acres Volume Impounded: 3100 acre-feet Lock E-8 Dam- Height: 16' Length: 600' Surface Area: 390 acres Volume Impounded: 1,939 acre-feet | N/A | N/A |
| e.ii. | Lock E-9 Dam: B, Lock E-8 Dam: A | N/A | N/A |
| e.iii. | Lock E-9 Dam: 10/8/2015, Lock E-8 Dam: 10/8/2015. Inspection results are not available. | N/A | N/A |
| h. | Yes | Yes | No |
| h.i. | Yes - Spill Incidents Database: 9703231, 9806918, 0208961, 0306022, 0602998, 0700523, 1401502, 1508483, 1607035 Yes - Environmental Site Remediation Database: C447050 | Yes - Spill Incidents Database, DEC IDs: 1711422, 1804314 Yes - Environmental Site Remediation Database: 447013, 447017, 447011, 447013A | N/A |
| h.ii. | No | General Electric, Knolls Atomic Power Lab - Actively managing RCRA-regulated waste (including ignitable, corrosive, and reactive wastes) KAPL Separations Unit - Operation permitted, referred to corrective action for closure Niskayuna Town Water Plant - Small quantity generator, no process or waste information available | N/A |
| h.iii. | Yes - B00167, 447001, 447021, 447004, 447023, 447051, C447042, C447043, C447044, V00111, C447033, 447016, 447018, 447025, 447028, B00053, 447022 | Yes- B00053, 447013, 447017, 447011, 447013A | No |


**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Town of Glenville | Town of Niskayuna | Town of Princetown |
|---|--|--|---|
| <p>h.iv. Land uses on and surrounding the project site</p> | <p>Site B00167: Remedial actions have eliminated potential for lead-contaminated soil however soil vapor intrusion could occur if site if redeveloped in the future, deed restricted and ground water use restricted, Site 447021: Contact to water contamination is unlikely although this former landfill site is not fenced and human contact is possible if trespassers enter the site, Site 447001: Potential for human exposure is possible in certain circumstances, Site 447023: Remedial actions are complete and measures are in place to control human contact, Site 447051: Site is being evaluated to determine if site contamination presents public health exposure concerns, C447042: remedial actions are complete, C447043: remedial actions are complete, C447044: groundwater and soil contamination is unlikely, however potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy, V00111: A Voluntary Cleanup Program being managed under sites C447042, C447043, and C447044, C447033: Site being managed under sites C447042, C447043, and C447044, 447016: NYSDOH has insufficient information to full evaluate the potential for human exposure, 447018: Remedial activities are complete, 447022: Site is restricted from public access however contamination contact in soil through digging and/or soil vapor contact remains, 447025: Removal actions have been completed and site remains deed restricted with no further action, 447028: Remedial measures are in place and site no longer poses a public health concern, B00053: Contact with contamination is unlikely at this site.</p> | <p>DEC ID: 1711422 (Balltown & Aqueduct) - Motor oil & diesel spill due to traffic accident, case closed 3/2018 DEC ID: 1804314 (Old Bridge Upstream of Rexford Bridge) - Unknown spill, case closed 7/2018 DEC ID: 447013 & 447013A (G.E. R&D) - inactive landfill since 1981, only ongoing potential for contamination at Old Farm where indoor air quality and site worker exposure are currently monitored DEC ID: 447017 (Knolls Atomic Power Laboratory) - several on-site buildings currently monitored for soil-vapor intrusion, potential for soil vapor intrusion exists for any future development DEC ID: 447011 (KAPL Separations Process Unit) - soils surrounding the building contain metal contaminants, only unit remaining in operation, Site-wide Corrective Action, is operating under RCRA Corrective Action Only Permit</p> | <p>N/A</p> |
| <p>h.v.</p> | <p>No</p> | <p>Yes - DEC ID: B00053, Environmental Easement, Control Elements: Ground Water Use Restriction, Vapor Mitigation, Soil Management Plan, Landuse Restriction, Building Use Restriction, Site Management Plan</p> | <p>No</p> |
| <p>E.2. Natural Resources On or Near Project Site</p> | | | |
| <p>a.</p> | <p>>6.5'</p> | <p>> 6'-8"</p> | <p>(no data available)</p> |
| <p>c.</p> | <p>Hamlin Silt Loam: 16.5%, Cut and Fill Land: 6.9%, Unadilla Silt Loam, 0-8% Slopes: 3.2%</p> | <p>Water (65%), Wayland Soils (7 %), Cut and Fill Land (4%)</p> | <p>Cut and fill land (70%), Mohawk silt loam (30%)</p> |
| <p>d.</p> | <p>3'-7'</p> | <p>0 to > 6'-8"</p> | <p>54 to 72 inches</p> |
| <p>e.</p> | <p>Well Drained: 26.6%</p> | <p>Well Drained: 10% Moderately Drained: 5% Poorly Drained: 85%</p> | <p>100% - Well Drained</p> |

**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Town of Glenville | Town of Niskayuna | Town of Princetown |
|---|--|---|---|
| f. | 0-10% Slopes: 26.6% | 0-10%: 24% of Site Soils 10-15%: 3% of Site Soils 15% or Greater: 73% of Site Soils | 100% - 0-10% slopes |
| g. | Yes- Scotia Sand & Stone Company | No | No |
| h. (h.i.) | Yes | Yes | No |
| h.ii. | Yes | Yes | Yes |
| h.iii. | Yes | Yes | Yes |
| h.iv. | Streams: 876-8 (Class A), 876-7 (Class A), 876-112 (Class C), 876-106 (Class C), 876-113 (Class C), Wetlands: NYSDEC Wetland S-113 and Federal Wetlands: L1UBHh, PEM1/SS1Ch, PFO1Eh, PFO1Ch, PFO1C, PEM1Ch, PUBFh, R5UBH | Streams: Unnamed Mohawk River Tributaries (NWI Classification R5UBH; DEC Class A Regs 876-6 and 876-7, DEC Class B Regs 876-38 and 876-53, DEC Class C Regs 876-37, 876-54, 876-55) Lakes or Ponds: Mohawk River (NWI Classification L1UBHh; DEC Class A; DEC Reg 876-6 and 876-7) Wetlands: Unnamed Wetlands (NWI Classifications PFO1C/E, PEM1/2E/Fh; approx 42 acres), NYS Wetlands N-101 (28.9 acres, NWI Classification PFO1C), N-102 (approx 143.3 acres, includes NWI Classifications PFSS1E, PFSS1C, PFO1Eh, PFO1E, PFO1Ch, PFO1C, PFO1B, PEUBFh, PESS1Eh, PEM1Fh, PEM1F, PEM1Eh), N-4 (approx 80 acres in Niskayuna, includes NWI Classifications PEM1E, PEM1Eh, PFO1Ch, PFO1E), N-17 (approx 25 acres in Niskayuna, includes NWI Classification PEM1Eh), and Federal Waters | N/A |
| h.v. | No | No | No |
| i. | Yes | Yes | No |
| j. | Yes | Yes | No |
| k. | Yes | Yes | Yes |
| l. | Yes | Yes | Yes |
| l.i. | Principal Aquifer, Sole Source Aquifer Names: Schenectady-Niskayuna SSA, Primary Aquifer | Principal Aquifer, Sole Source Aquifer Names: Schenectady- Niskayuna SSA, Primary Aquifer | Principal Aquifer, Primary Aquifer |
| n. | No | No | No |
| n.i. | N/A | N/A | N/A |
| n.ii. | N/A | N/A | N/A |
| n.iii. | N/A | N/A | N/A |
| o. | Yes- Bald Eagle, Side-oats Grama, Northern Long Eared Bat (no critical habitat) | Yes - Culver's Root, Bald Eagle, Northern Long Eared Bat | Yes - bald eagle, northern long-eared bat |
| p. | No | No | No |
| E.3 Designated Public Resources On or Near Project Site | | | |
| a. | Yes- SCHE001 | Yes- SCHE001 | No |
| b. | Yes | Yes | Yes |
| b.i. | Approximately 184.9 acres | Approximately 300 acres | Approximately 0.1 acres |
| b.ii. | USGS Web Soil Survey | Web Soil Survey | Web Soil Survey |
| c. | No | No | No |
| c.i. | N/A | N/A | N/A |
| c.ii. | N/A | N/A | N/A |
| d. | Yes | No | Yes |

**New York State Canal Corporation Embankment Maintenance Program
NYSDEC FEAF Part I Supplemental**

|  | Town of Glenville | Town of Niskayuna | Town of Princetown |
|---|--|--|--|
| d.i. | Aquifer Overlay Zone | N/A | Aquifer Area Overlay Zone |
| d.ii. | Conserve, improve, protect natural resource | N/A | Conserve, improve, protect natural resources |
| d.iii. | Agency: Town of Rotterdam, Date: 4-5-85 | N/A | Agency: Rotterdam, Town of, Date: 4-5-85 |
| e. | Yes | Yes | Yes |
| e.i. | Historic Building or District | Historic Building or District | Historic Building or District |
| e.ii. | New York State Barge Canal Historic District, Mabee House, Stockade Historic District, Seeley Farmhouse, Little Richards Tavern | New York State Historic Barge Canal Historic District, Rexford Aqueduct Pier, Niskayuna Railroad Station, Niskayuna Reformed Church, Niskayuna Grade School District 4, Niskayuna Reformed Church District, Parsonage Niskayuna Reformed Church | New York State Historic Barge Canal |
| e.iii. | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce, Mabee House (USN 09305.000163): Architecture significant to exploration and settlement, Stockade Historic District (90NR02654, USN 09340.001405): Site of human habitation for more than 300 years showcasing a multitude of significant architectural styles as well as feats of engineering with the Erie Canal and Theodore Burr's Wooden suspension bridge Seeley Farmhouse (90NR02649): Significant in areas of architecture and Industry Little Richards Tavern (USN 09302.000006): Deeds belonging to John B Voast dating back to 1820. | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce Rexford Aqueduct Pier (USN 09103.000082): Yacht club surrounding area Niskayuna Railroad Station (USN 09303.000050) - architectural and transportation significance, 1840s-1880s Niskayuna Reformed Church (90PR04508) - architectural significance, 1850s Niskayuna Grade School District 4 (USN 09303.000051) Niskayuna Reformed Church (USN 09303.000055) - architectural significance, 1850s Parsonage Niskayuna Reformed Church (USN 09303.000056) - architectural significance, 1850s | New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce |
| f. | Yes | Yes | Yes |
| g. | No | No | No |
| g.i. | N/A | N/A | N/A |
| g.ii. | N/A | N/A | N/A |
| h. | N/A | Yes | Yes |
| h.i. | Mohawk Towpath Byway and Revolutionary Trail Byway | Mohawk Towpath Byway and Revolutionary Trail Byway | Revolutionary Trail Byway |
| h.ii. | Mohawk Towpath - National Designated Scenic Byway, Revolutionary Trail Byway- NYS Designated Scenic Byway | Mohawk Towpath - National Designated Scenic Byway, Revolutionary Trail Byway- NYS Designated Scenic Byway | NYS Scenic Byway |
| h.iii. | 0.5 miles | < 1 mile | 0.1 miles |
| i. | No | No | No |
| i.i. | N/A | N/A | N/A |
| i.ii. | N/A | N/A | N/A |