




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

	City of Cohoes	Town of Colonie
B. Government Entity and		
i. (i.i.)	Yes	Yes
i.ii.	Yes	Yes
i.iii.	No	No
C.2. Adopted Land Use Plans		
a.	Yes, Yes.	Yes, Yes.
b.	Yes. - Remediation Sites: 546031 / NYS Heritage Areas: Mohawk Valley Heritage Corridor, Hudson-Mohawk, Federal Heritage Areas: Erie Canal National Heritage Corridor and Hudson River Valley National Heritage Area	Yes- Remediation Sites: 401004, NYS Heritage Areas: Mohawk Valley Heritage Corridor, Federal Heritage Areas: Erie Canal National Heritage Corridor and Hudson River Valley National Heritage Area
c.	No	No
C.3 Zoning		
a.	Yes; LC (Land Conservation), MU-2 (Waterfront Mixed-Use), R-2 (Residential), MU-1 (Mixed Use), C-1 (Office/Retail Commercial).	Yes; Land Conservation, Single Family Residential (SFR), Commercial Office Residential (COR), Industrial, Neighborhood Commercial Office Residential (NCOR), PDD (Planned Development District).
C.4 Existing Community Services		
a.	Cohoes City School District	North Colonie Central School District
b	Cohoes Police Dept	Colonie Police Dept
c	Raymond K. Lamora Island Fire Station	Bought Community Fire District / Verdov Fire District
d	N/A	N/A
D.1. Proposed & Potential Development		
b.	Up to approximately 59 acres	Up to approximately 1,290 acres
b.b.	Up to approximately 59 acres	Up to approximately 1,290 acres
E.1. Land Uses on and Surrounding the Project Site		
a. Existing land uses	Industrial, Commercial, Residential, Aquatic	Residential, Industrial, Commercial, Recreational, Forest
b. Land Use or Covertype	(Intentionally left empty)	(Intentionally left empty)
b. (continued) Roads, buildings, and other paved or impervious surfaces	Approximately twelve (12) acres; Approximately twelve (12) acres; N/A	Approximately sixty-five (65) acres; Approximately sixty-five (65) acres; N/A
b. (continued) Forested	Approximately three (3) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 129 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Meadows, grasslands or brushlands	N/A	Approximately sixty five (65) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Agriculture	N/A	N/A
b. (continued) Surface water features	Approximately forty four (44) acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 903 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Wetlands	N/A	N/A
b. (continued) Non-vegetated	N/A	Approximately 129 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Other	N/A	N/A
d.	Yes	No
d.i.	Cohoes Human Services Department	N/A
e.	Yes - New York State Dam	Yes- Crescent Dam
e.i.	Height: 20', Length: 1,120', Surface Area: 29.7 acres, Volume Impounded: 1,087 acre-feet	Height: 45', Length: 2,001', Surface Area: 1,996 acres, Volume Impounded: 49,990 acre-feet
e.ii.	Hazard Code: B	Hazard Code: C
e.iii.	Date of Last Inspection: 9/11/1986, inspection results not available	Date of Last Inspection: 1/1/1990, inspection results not available


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h.	Yes	Yes
h.i.	Yes - Spills Incidents Database: 8705107, 8806312, 9100755, 9101010, 9101197, 1108033, Environmental Site Remediation database - 546031, C401077	Yes - Spills Incident Database: 1202674, 9910420, 9905059, 9905084, 0703821, 0502614, 0508801, 9207051, 9403003, 9604635, 9609742, 9703221, 9801879, 9813309, 0010807, 0010871, 0201671, 0202823, 0205531, 0401923, 0302724, 0410157, 0600393, 9001125, 9200920, 9815343, 0004577, 1507079, and multiple Colonie Landfill odor complaints, Environmental Site Remediation database - 401004
h.ii.	N/A	No
h.iii.	Yes - 546031, 546018, C401077, V00468, V00729, 546018	Yes- 546013, 401043, 401004
h.iv. Land uses on and surrounding the project site	<p>All spills are closed. 546031-Investigations are underway to determine the extent of floodplain impacts. To date, PCB concentrations in excess of 500 milligrams per kilogram (mg/kg or part per million) have been found in limited areas. The nature and extent of floodplain soil contamination has not yet been established. Significant threat: PCB contamination in the Hudson River sediments continue to pose a significant threat to human health and/or the environment. Concentrations in PCBs in biota directly attributable to the waste disposal at the site have led the Department of Health to recommend that human consumption of biota be limited over a substantial portion of the Hudson River between Hudson Falls and the Battery in New York City. In the upper Hudson, the fishery is catch and release only, and the NYSDOH advisory is to eat none.</p> <p>546018 - In 1991 USEPA found the soils to be contaminated with PCBs, arsenic, lead, chromium, zinc, phenanthrene, and asbestos. Human exposures are not expected at this site. No hazardous materials were found there, and there are no private water supply wells on the island.</p> <p>C401077 -Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.</p> <p>V00468- A portion of the site is fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by walking on the soil, digging or otherwise disturbing the soil. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality.</p> <p>V00729 - The site is not fenced and persons who enter the site could contact contaminants in the soil by walking on the soil, digging or otherwise disturbing the soil. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination.</p> <p>546018 -Human exposures are not expected at this site. No hazardous materials were found there, and there are no private water supply wells on the island.</p>	<p>All spills are closed, 546013 Site Environmental Assessment - Leachate from the landfill is entering the Mohawk River</p> <p>546013 Site Health Assessment - In 1993 the NYSDOH initiated an annual private water supply sampling program until public water was made available. No site related contamination was detected in private drinking water wells. Extension of public water is complete and residents have the option to connect. An investigation of cancer incidence issued by the NYSDOH in 1994 found no unusual pattern of cancer occurrence for the years 1979-1991.</p> <p>401043 Site Description- This RCRA facility is located at 17 Green Mountain Drive Cohoes, in the Town of Colonie. Site Features: This facility has tanks and container storage areas permitted under the RCRA program. Current Zoning/Uses: This facility is an active hazardous waste management facility, with permitted tanks and container storage areas. Site Environmental Assessment - Environmental impact of the facility have been investigated and evaluated as part of RCRA corrective action. A no further action determination of the facility was made on 3/25/1991.</p> <p>401004 - Site Environmental Assessment - Contaminants of concern found in ground water include benzene, toluene, xylene, lead and chromium. Hazardous waste disposal has been confirmed, but no link between the wastes disposed and the contaminants found has been established Significant threat, therefore, has not been established.</p> <p>401004 - Site Health Assessment - The site is covered, but leachate may be a problem. However, the site is fenced and there is little potential for people to be exposed to contaminants at the surface. Although groundwater at the site is contaminated, the NYSDOH and the Albany County Health Dept have sampled nearby homeowner wells and no site-related contaminants were detected. There are no known exposures occurring due to this site.</p>
h.v.	No	No
E.2. Natural Resources On or Near Project Site		
a.	>6.5 feet	10" to >6.5'
c.	Nassau channery silt loam, rolling - 9.2%, Udorthents, loamy - 4.5%, Urban land-udorthents complex, 0-8% slopes - 18.4%	Nassau channery silt loam, undulating - 3.7%, Scio silt loam, 3-8% slopes - 2.8%, Wayland soils complex - 6.9%
d.	2'-6.5'	0'->6.56'
e.	Well Drained: 32.1%	Well Drained: 6.5% Poorly Drained: 6.9%
f.	0-10%: 32.1%	0-10%: 13.4%
g.	No	No
h. (h.i.)	Yes	Yes
h.ii.	Yes	Yes
h.iii.	Yes	Yes

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h.iv.	Streams: 848-4 (C), 876-1 (C), 863-846 (D), Wetlands: Federal Wetlands: L1UBHh, PFO1Ch	Streams: 876-33 (Class C), 876-6 (Class A), 876-27 (Class C), 876-26 (Class C), 876-31 (Class C), 876-5 (Class A), 876-2 (Class A), 876-22 (Class C), Wetlands: NYSDEC Wetlands: N-4, N-5, N-7, N-17, TN-10, Federal Wetlands: PEM1Eh, PFO1Ch, L1UBHh, PEM1/SS1E, PEM1E, PUB/EM1Fh, PFO1Ah, PSS1Fh, PUBHx
h.v.	Yes - Upper Hudson, Main Stem - Priority Organics - Fish Consumption	No
i.	Yes	Yes
j.	Yes	Yes
k.	Yes	Yes
l.	Yes	Yes
l.i.	Principal Aquifer	Principal Aquifer, Sole source Aquifer Names: Schenectady-Niskayuna SSA, Primary Aquifer
n.	Yes	No
n.i.	Shale Cliff and Talus Community, Vernal Pool, Floodplain Grassland	N/A
n.ii.	Information taken from NYS Environmental Resource Mapper	N/A
n.iii.	16.48, 3.66, 1.5 acres	N/A
o.	Bald Eagle (NYSDEC), Northern Long-eared Bat (no critical habitat)	Bald Eagle (NYSDEC), Northern Long-eared Bat (no critical habitat)
p.	No	No
E.3 Designated Public Resources On or Near Project Site		
a.	No	Yes ALB003
b.	Yes	Yes
b.i.	Approximately 9.42 acres	Approximately 108.7 acres
b.ii.	USGS Web Soil Survey	USGS Soil Survey
c.	No	No
c.i.	N/A	N/A
c.ii.	N/A	N/A
d.	No	No
d.i.	N/A	N/A
d.ii.	N/A	N/A
d.iii.	N/A	N/A
e.	Yes	Yes
e.i.	Historic Building and District	Historic Building and District
e.ii.	New York State Barge Canal Historic District, Peebles Island, Northside Historic District, Day Peckinpaugh Canal Motorship, Matton Shipyard	New York State Barge Canal Historic District (14NR06559) and Vischer Ferry Historic District

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e.iii.	<p>New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce.</p> <p>Peebles Island: Headquarters for New York State's Bureau of Historic Sites as well as the Bureau of Historic Preservation Field Services are located within the park. Contained within a converted factory complex on the island known as the Peebles Island Resource Center, the headquarters serve as a home to conservators, archaeologists, historians and others tasked with preserving historic locations within New York.</p> <p>Northside Historic District: Northside Historic District is a 60-acre (24 ha) national historic district located at Waterford in Saratoga County, New York. The listing included 125 contributing buildings and one other contributing structure. The district dates to 1828 and includes Greek Revival and Late Victorian architecture. The district is chiefly residential and characterized by large and small structures including the mansions of mill owners and modest workers' dwellings. Notable residences include the Hugh White mansion and the William Mansfield home. Both are Greek Revival houses built about 1830. The Hugh White mansion serves as the Waterford Museum.</p> <p>It was listed on the National Register of Historic Places in 1975.</p> <p>Day Peckinpaugh Canal Motorship: a historic canal motorship berthed at the Matton Shipyard on Peebles Island, Cohoes in Albany County, New York</p> <p>Matton Shipyard: Matton Shipyard is a historic shipyard and canal boat service yard located on Van Schaick Island at Cohoes in Albany County, New York. It consists of eight extant buildings, various surviving features, and archaeological remains dating to the period 1916 to 1983 when the site functioned as a shipyard, repair facility, and towboat operation on the New York State Barge Canal and Champlain Canal. Extant buildings include the office / stores (c. 1916-1917), watchman's building (c. 1936-1943), sheet metal shop (c. 1937-1938), carpenter shop (c. 1916 and 1936-1943), stores building (c. 1941-1943), pipeshop (c. 1936-1943), pitch building (pre-1936), garage (c. 1916), and electric building. Also on the property are a flagpole (c. 1916), dock, steel launching ramps, fence, and camels. Numerous ruins also occupy the property. The motor ship Day Peckinpaugh is berthed here.</p> <p>It was listed on the National Register of Historic Places in 2010.</p>	<p>New York State Barge Canal Historic District (14NR06559, USN 00104.000641): Significant to areas of engineering, transportation, maritime history and commerce.</p> <p>Vischer Ferry Historic District: Vischer Ferry Historic District is a historic district in Saratoga County, New York. It was listed on the National Register of Historic Places in 1975 and its boundaries were increased in 1997. The district, located along the Erie Canal, contains several historic structures within the hamlet of Vischer Ferry. These include the Nicholas and Eldret Vischer House, dating from the mid-1700s.</p> <p>It was listed on the National Register of Historic Places in 1975, with a boundary increase in 1997.[]</p>
f.	Yes	Yes
g.	No	No
g.i.	N/A	N/A
g.ii.	N/A	N/A
h.	No	Yes
h.i.	Mohawk Towpath Byway, Lakes to Locks Passage	Mohawk Towpath Byway, Revolutionary Byway, Lakes to Locks Passage
h.ii.	National Scenic Byway, All American Road	National Scenic Byway, NYS Scenic Byway, All American Road
h.iii.	< 1 mile, <1 mile	< 1 mile, ~3.5 miles, ~2.5 miles
i.	No	No
i.i.	N/A	N/A
i.ii.	N/A	N/A