



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

	Village of Waterloo	Town of Tyre	Town of Waterloo
B. Government Entity and Agency/Approval			
i. (i.i.)	No	Yes	Yes
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, however a comprehensive land use plan does not exist for this municipality or was not available for review.	Yes, however a comprehensive land use plan does not exist for this municipality or was not available for review.
b.	No	No	Yes - Seneca Lake Watershed Management Plan
c.	No	No	No
C.3 Zoning			
a.	Yes - Residential, Service, General Business, Central business, Light Industrial, and Heavy Industrial.	Yes - Agricultural, High Density Residential, Commercial West, Commercial East, Industrial, Mixed Used, and Planned Unit Development.	Yes - Agricultural, Commercial, Industrial, Multiple Use, Low Density Residential, Medium Density Residential.
C.4 Existing Community Services			
a.	Waterloo Central School District	Clyde–Savannah Central School District and Seneca Falls Central School District	Waterloo Central School District
b	Waterloo Police Department, Seneca County Sheriff's Department, New York State Police- Zone 3 Waterloo Troop E	Seneca County Sheriff's Department, New York State Police- Zone 3 Waterloo Troop E	Waterloo Police Department, Seneca County Sheriff's Department, New York State Police- Zone 3 Waterloo Troop E
c	Waterloo Fire Department, North Seneca Ambulance	Magee Fire Department, North Seneca Ambulance	Waterloo Fire Department, North Seneca Ambulance
d	LaFayette Park, Oak Island Park	Montezuma National Wildlife Refuge	Bishop Preserve, Seneca Lake State Park
D.1. Proposed & Potential Development			
b.	Up to approximately 122 acres (including approximately 33 acres of water)	Up to approximately 1835 acres (including approximately 352 acres of water)	Up to approximately 221 acres (including approximately 59 acres of water)
b.b.	Up to approximately 122 acres (including approximately 33 acres of water)	Up to approximately 1835 acres (including approximately 352 acres of water)	Up to approximately 221 acres (including approximately 59 acres of water)
E.1. Land Uses on and Surrounding the Project Site			
a. Existing land uses	Residential (suburban), Aquatic, Forest, Urban, Commercial	Residential (suburban), Agricultural, Rural (non-farm), Aquatic, Forest	Residential (suburban), Agricultural, Urban, Commercial, Forest, 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 fifty-one (51); Approximately fifty-one (51); N/A	Approximately seventeen (17); Approximately seventeen (17); N/A	Approximately sixty-eight (68); Approximately sixty-eight (68); N/A
b. (continued) Forested	Approximately seventeen (17); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately three-hundred and eighty-four (384); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately forty-five (45); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Meadows, grasslands or brushlands	Approximately five (5); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately two-hundred and nine (209); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately six (6); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Agriculture	N/A	N/A	Approximately one (1); 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 Waterloo	Town of Tyre	Town of Waterloo
b. (continued) Surface water features	Approximately thirty-three (33); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately three-hundred and fifty-two (352); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately fifty-nine (59); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Wetlands	Approximately thirteen (13); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately eight-hundred and seventy-two (872); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately forty-two (42); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Non-vegetated	Approximately three (3); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately one (1); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	N/A
b. (continued) Other	N/A	N/A	N/A
d.	Yes	No	Yes
d.i.	Seneca Family Health Center, Urgent Care	None	Seneca Family Health Center, Urgent Care
e.	Yes - Waterloo Dam (ID 058-0420)	Yes - Movable Dam ay Mays Point (ID 058-4382)	Yes - Waterloo Dam (ID 058-0420)
e.i.	Dam height - 10 ft, dam length - 241 ft, surface area - 68 acres, volume impounded - 585,700 acre-feet	Dam height - 10 ft, dam length - 165 ft, surface area - 0 acres, volume impounded - 504 acre-feet	Dam height - 10 ft, dam length - 241 ft, surface area - 68 acres, volume impounded - 585,700 acre-feet
e.ii.	Hazard Code C (High Hazard)	Hazard Code A (Low Hazard)	Hazard Code C (High Hazard)
e.iii.	Inspection results not available	Inspection results not available	Inspection results not available
h.	Yes	No	Yes
h.i.	Yes - Spills Incidents DEC ID #: 1707887, 1801104 - Environmental Site Remediation DEC ID #: 850011, 850001A	NA	Yes - Spills Incidents DEC ID #: 1707887, 1801104 Yes - Environmental Site Remediation DEC ID #: 850011, 850001A
h.ii.	N/A	NA	N/A
h.iii.	Yes - DEC ID #: V00055	NA	Yes - DEC ID #: V00055
h.iv. Land uses on and surrounding the project site	Current status of site # 1707887, 1801104: Not closed - Remedial actions have not been completed and are still ongoing. Current status of site # 850011: Closed Current status of site # 850001A: Not closed - Remedial actions have not been completed and are still ongoing. Current status of site # V00055: No further action at this time. Further site analysis is needed to determine what potential impacts exist.	NA	Current status of site # 1707887, 1801104: Not closed - Remedial actions have not been completed and are still ongoing. Current status of site # 850011: Closed Current status of site # 850001A: Not closed - Remedial actions have not been completed and are still ongoing. Current status of site # V00055: No further action at this time. Further site analysis is needed to determine what potential impacts exist.
h.v.	No	NA	No
E.2. Natural Resources On or Near Project Site			
a.	> 6.67 feet	(No data available)	> 6.67 feet
c.	29.4% of site = Schoharie Silty Clay Loam (ShB), 26.9% of site = Water (W), 15.3% of site = Sloan Silt Loam (Sn)	18% of site = Walkill soils , 17% of site = Muck (deep), and 13% of site = Sloan silt loam.	16.8% = Schoharie Silty Clay Loam (ShB), 14.9% of site = Stafford Loamy Fine Sand (Sr), 9.4% of site = Sloan Silt Loam (Sn)


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

	Village of Waterloo	Town of Tyre	Town of Waterloo
d.	1.375 feet	Between 0 inches and >79 inches	1.25 feet
e.	29.4% of site = Moderately Well Drained, 15.3% of site = Poorly Drained	Ranges from Well Drained to Very Poorly Drained	16.8% of site = Moderately Well Drained, 24.3% of site = Poorly Drained
f.	44.7% of site = 0 - 10% slope	100% of site = 0-10% slopes	41.1% of site = 0 - 10% slope
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	Stream Name: 898-389, 898-2, 898-1 (Classification: C, A) Wetland Name: Federal Waters (Approximate Size: No data available)	Stream Name: 898-120, 898-124, 898-223, 898-224.1 (Classification: C) Wetland Name: Federal Waters (Approximate Size: NYS Wetland - 113.6 acres, 5329.1 acres, 27.5 acres, 228.2 acres, 104.8 acres, 180.7 acres) Wetland No.: CU-1, SF-30, CU-2, CY-1, SA-2, MZ-1	Stream Name: 898-2, 898-396, 898-390, 898-389, 898-1 (Classification: A, C) Wetland Name: Federal Waters (Approximate Size: NYS Wetland - 48.5 acres) Wetland No.: Gn-29
h.v.	No	No	No
i.	No	No	No
j.	No	No	No
k.	No	No	No
l.	No	No	No
l.i.	NA	NA	NA
n.	No	Yes	No
n.i.	NA	Red Maple-Hardwood Swamp, Floodplain Forest, Inland Salt Marsh	NA
n.ii.	NA		NA
n.iii.	NA	440.0 acres, 1804.0 acres	NA
o.	Yes - The habitat of the Indiana Bat, Bog Turtle, and Northern Long-eared Bat are within the project area.	Yes - The habitat of the Bald Eagle, Least Bittern, Pied-billed Grebe, Common Tern, Black Tern, King Rail, Short-eared Owl, Indiana Bat, and Northern Long-eared Bat are within the project area.	Yes - The habitat of the Lake Sturgeon, Indiana Bat, Bog Turtle, and Northern Long-eared Bat are within the project area.
p.	No	No	No
E.3 Designated Public Resources On or Near Project Site			
a.	No	Yes - SENE006	No
b.	Yes	Yes	Yes
b.i.	Approximately 76.7 acres	Approximately 467.5 acres	Approximately 134.8 acres
b.ii.	USGS Soil Survey	USGS Soils Survey	USGS Soil Survey
c.	No	Yes	No
c.i.	NA	Biological Community	NA
c.ii.	NA	Montezuma Marshes (Approximate Size: 2179.47 acres)	NA
d.	No	No	No
d.i.	NA	NA	NA
d.ii.	NA	NA	NA
d.iii.	NA	NA	NA
e.	Yes	Yes	Yes
e.i.	Historic Building or District	Historic Building or District	Historic Building or District


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

	<p align="center">Village of Waterloo</p>	<p align="center">Town of Tyre</p>	<p align="center">Town of Waterloo</p>
e.ii.	U.S. Post Office - Waterloo, Hunt House, William H. Burton House, First Presbyterian Church, Waterloo Commercial Historic District, New York State Barge Canal Historic District	New York State Barge Canal Historic District	New York State Barge Canal Historic District
e.iii.	<p>U.S. Post Office - Waterloo (USN 09941.000094): significant in areas of government, architecture</p> <p>Hunt House (USN 09941.000002): significant in relation to women's rights history, discussions leading to the first women's rights convention occurred here</p> <p>William H. Burton House (USN 09941.000081): significant in areas of architecture and commerce, also said to be the origin of Memorial Day and currently houses a Memorial Day museum</p> <p>First Presbyterian Church (USN 09941.000105): significant in areas of religion, architecture</p> <p>Waterloo Commercial Historic District (USN 09941.000475): significant in areas of commerce/business, architecture</p> <p>The listing of the New York State Barge Canal is based on its areas of significance in engineering, transportation, commerce, and maritime history (USN 00104.000641, 14NR06559)</p>	The listing of the New York State Barge Canal is based on its areas of significance in engineering, transportation, commerce, and maritime history (USN 00104.000641, 14NR06559)	The listing of the New York State Barge Canal is based on its areas of significance in engineering, transportation, commerce, and maritime history (USN 00104.000641, 14NR06559)
f.	Yes	Yes	Yes
g.	No	No	No
g.i.	NA	NA	NA
g.ii.	NA	NA	NA
h.	No	Yes	No
h.i.	NYSDOT	NYSDOT	NYSDOT
h.ii.	The Cayuga Lake Scenic Byway	The Cayuga Lake Scenic Byway	The Cayuga Lake Scenic Byway
h.iii.	> 4 miles	> 1 mile	> 4 miles
i.	No	No	No
i.i.	NA	NA	NA
i.ii.	NA	NA	NA


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

	Town of Fayette	Town of Seneca Falls
B. Government Entity and Agency/Approval		
i. (i.i.)	Yes	Yes
i.ii.	No	No
i.iii.	No	No
C.2. Adopted Land Use Plans		
a.	Yes, however a comprehensive land use plan does not exist for this municipality or was not available for review.	Yes, however a comprehensive land use plan does not exist for this municipality or was not available for review.
b.	No	Yes - Cayuga Lake Watershed Management Plan
c.	No	No
C.3 Zoning		
a.	Yes - Agricultural-Rural Residential, Hamlet, Lakeshore/Canal, Flood Plain Overlay, Environmental Protection Overlay, and Lake Water.	Yes - Agricultural, Single-Family Residential, Two-Family and Multiple Dwelling Residential, Three and Four-Family Residential, Multiple Dwelling Apartment Building, Local Shopping, Highway Commercial, Industrial, Refuse Disposal and Reclamation, Mobile Home Park, Land Conservation, and Floodplain.
C.4 Existing Community Services		
a.	Waterloo Central School District	Seneca Falls Central School District and Waterloo Central School District
b	Seneca County Sheriff's Department	Seneca Falls Police Department
c	Fayette Fire Department, Border City Fire Department, North Seneca Ambulance, Life Net	Seneca Falls Fire Department - Station 14, North Seneca Ambulance
d	Bishop Preserve	Women's Rights National Historic Park, People's Park, Stanton Park, Academy Square Park
D.1. Proposed & Potential Development		
b.	Up to approximately 349 acres (including approximately 101 acres of water)	Up to approximately 794 acres (including approximately 220 acres of water)
b.b.	Up to approximately 349 acres (including approximately 101 acres of water)	Up to approximately 794 acres (including approximately 220 acres of water)
E.1. Land Uses on and Surrounding the Project Site		
a. Existing land uses	Residential (suburban), Agricultural, Urban, Commercial, Forest, Rural (non-farm)	Agricultural, Aquatic, Residential (Suburban), Rural (non-farm), Forest, Urban, Industrial, Urban, Commercial
b. Land Use or Coverttype	(Intentionally left empty)	(Intentionally left empty)
b. (continued) Roads, buildings, and other paved or impervious surfaces	Approximately fifty-one (51); Approximately fifty-one (51); N/A	Approximately forty-four (44); Approximately forty-four (44); N/A
b. (continued) Forested	Approximately fifty-seven (57); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately two-hundred and seventy-nine (279); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Meadows, grasslands or brushlands	Approximately eight (8); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately thirty-eight (38); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Agriculture	Approximately six (6); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately two (2); 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**

	<p align="center">Town of Fayette</p>	<p align="center">Town of Seneca Falls</p>
b. (continued) Surface water features	Approximately one-hundred and one (101); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately two-hundred and twenty (220); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Wetlands	Approximately one-hundred and twenty-three (123); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately two-hundred and eleven (211); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Non-vegetated	Approximately three (3); TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	N/A
b. (continued) Other	N/A	N/A
d.	No	Yes
d.i.		Elizabeth Cady Staton Elementary School, Creative Choices Child Care
e.	No	Yes
e.i.	NA	Dam height (Seneca Falls Dam) - 71 ft, dam length - 450 ft, surface area - 147 acres, volume impounded - 6000 acre-feet Dam Height (Mud Lock C&S Dam) - 20 ft, dam length - 500 ft, surface area - 42240 acres, volume impounded - 663000 acre-feet
e.ii.	NA	Hazard Code C (High Hazard)
e.iii.	NA	Inspection results not available
h.	No	Yes
h.i.		Yes - Spills Incidents DEC ID #: 1803767, 1707281 Yes - Environmental Site Remediation DEC ID #: C850012
h.ii.		Data is not available
h.iii.		Yes - DEC ID #: 850010, 850003
h.iv. Land uses on and surrounding the project site		Current status of site # 1803767, 1707281: Closed Current status of site # C850012: Closed - Measures are in place to control the potential for workers to come into contact with contaminants remaining at the site. Current Status of site # 850010, 850003: Not closed - Remedial actions have not been completed and are still ongoing.
h.v.		C850012: Environmental Easement, Groundwater Use Restriction, Soil Management Plan, Cover System, Landuse Restriction, Monitoring Plan, Site Management Plan, IC/EC Plan. Embankment Management Program will be completed in compliance with controls when/where applicable.
E.2. Natural Resources On or Near Project Site		
a.	> 6.67 feet	> 6.67 feet
c.	18.9% of site = Made Land, Tillable (Md), 28.9% of site = Water (W), 7.2% of site = Sloan Silt Loam (Sn)	27.6% of site = Made Land, Tillable (Md), 27.6% of site = Water (W), 9.8% of site = Schoharie Silty Clay Loam (ShB)

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

	Town of Fayette	Town of Seneca Falls
d.	1.75 feet	2.625 feet
e.	18.9% of site = Moderately Well Drained, 7.2% of site = Poorly Drained	37.4% of site = Moderately Well Drained
f.	26.1% of site = 0 - 10% slope	37.4% of site = 0 - 10% slope
g.	No	No
h. (h.i.)	Yes	Yes
h.ii.	Yes	Yes
h.iii.	Yes	Yes
h.iv.	Stream Name: 898-2, 898-401, 898-396, 898-397, 898-394, 898-389, 898-1 (Classification: A, C, B(T)) Wetland Name: Federal Waters (Approximate size: NYS Wetlands - 48.5 acres, 30.1 acres) Wetland No.: GN-29, SF-2	Stream Name: 898-389, 898-1, 898-389.1, 898-388 (Classification: C) Wetland Name: Federal Waters (Approximate Size: NYS Wetland - 359.8 acres, 113.6 acres, 5329.1 acres) Wetland No.: CU-3, CU-1, SF-30
h.v.	No	No
i.	No	No
j.	No	No
k.	No	No
l.	No	Yes
l.i.	NA	Principal Aquifer
n.	No	Yes
n.i.	NA	Floodplain Forest
n.ii.	NA	
n.iii.	NA	1807.0 acres
o.	Yes - The habitat of the Lake Sturgeon, Indiana Bat, Bog Turtle, and Northern Long-eared Bat are within the project area.	Yes - The habitat of the Lake Sturgeon, Northern Bog Violet, Indiana Bat, Sedge Wren, Bald Eagle, Least Bittern, Black Tern, and Short-eared owl are within the project area.
p.	No	No
E.3 Designated Public Resources On or Near Project Site		
a.	Yes - SENE008	Yes - SENE008, SENE006
b.	Yes	Yes
b.i.	Approximately 132.2 acres	Approximately 193.9 acres
b.ii.	USGS Soil Survey	USGS Soil Survey
c.	No	No
c.i.	NA	NA
c.ii.	NA	NA
d.	No	No
d.i.	NA	NA
d.ii.	NA	NA
d.iii.	NA	NA
e.	Yes	Yes
e.i.	Historic Building or District	Historic Building or District

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

	Town of Fayette	Town of Seneca Falls
e.ii.	New York State Barge Canal Historic District	Seneca Falls Hydroelectric Plant New York State Barge Canal Historic District
e.iii.	The listing of the New York State Barge Canal is based on its areas of significance in engineering, transportation, commerce, and maritime history (USN 00104.000641, 14NR06559)	Seneca Falls Hydroelectric Plant (USN 09907.000028): significant in areas of engineering, business/industry, water resources The listing of the New York State Barge Canal is based on its areas of significance in engineering, transportation, commerce, and maritime history (USN 00104.000641, 14NR06559)
f.	Yes	Yes
g.	No	No
g.i.	NA	NA
g.ii.	NA	NA
h.	No	Yes
h.i.	NYSDOT	NYSDOT
h.ii.	The Cayuga Lake Scenic Byway	The Cayuga Lake Scenic Byway
h.iii.	> 5 miles	> 1 mile
i.	No	No
i.i.	NA	NA
i.ii.	NA	NA