




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

	Village of Phoenix	City of Fulton	Town of Volney
B. Government Entity and			
i. (i.i.)	No	No	Yes - Black Creek
i.ii.	No	No	No
i.iii.	No	No	No
C.2. Adopted Land Use Plans			
a.	Yes; Yes.	Yes; Yes.	A comprehensive land use plan does not exist for this municipality or was not available for review.
b.	No	Yes, 738034, 738023	No
c.	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan
C.3 Zoning			
a.	Yes- R-1 One Family Residential, R-2 One and Two Family Residential, B Business, and CC Commercial Canal.	Yes- C-2, C-2A, Schools, R-1, M-1(P), R-3, R-1A, and M-2.	Yes - A Agriculture, R-1 Residential, R-2 Residential, and I-1 Industrial.
C.4 Existing Community Services			
a.	Phoenix Central School District	Fulton City School District	Oswego City School District, Phoenix Central School District, and Fulton City School District
b.	Phoenix Police Department and Oswego County Sheriff's Office	Fulton Police Department and Oswego County Sheriff's Office	Fulton Police Department and Oswego County Sheriff's Office
c.	Phoenix Fire Department	Fulton Fire Department	Volney Volunteer Fire Corporation
d.	Henley Park	Foster Park	N/A
D.1. Proposed & Potential Development			
b.	Up to approximately 120 acres (including approximately 67 acres of water)	Up to approximately 396 acres (including approximately 240 acres of water)	Up to approximately 698 acres (including approximately 418 acres of water)
b.b.	Up to approximately 120 acres (including approximately 67 acres of water)	Up to approximately 396 acres (including approximately 240 acres of water)	Up to approximately 698 acres (including approximately 418 acres of water)
E.1. Land Uses on and Surrounding the Project Site			
a. Existing land uses	Forest, Aquatic, Industrial, Residential	Forest, Industrial, Commercial, Residential, Aquatic	Forest, Agriculture, Commercial, Residential, Aquatic
b. Land Use or Covertypes	(Intentionally left empty)	(Intentionally left empty)	(Intentionally left empty)
b. (continued) Roads, buildings, and other paved or impervious surfaces	Approximately 13 acres; Approximately 13 acres; N/A	Approximately 80 acres; Approximately 80 acres; N/A	Approximately 35 acres; Approximately 35 acres; N/A
b. (continued) Forested	Approximately 20 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 36 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 35 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 20 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 40 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 105 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	Approximately 105 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Surface water features	Approximately 67 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 240 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 418 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	N/A
b. (continued) Non-vegetated	N/A	N/A	N/A


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b. (continued) Other	N/A	N/A	N/A
d.	No	Yes	No
d.i.	N/A	James E Lanigan Elementary	NA
e.	Yes - Phoenix Dam-Lock #1	Yes - Upper Fulton Dam Lock #2	Yes Minetto Dam Lock #5, Edward Lock Dam, John Govus Dam
e.i.	Height 12', Length 553', Surface Area .03 acres, Volume Impounded 5830 acre-feet	Height - 11', Length - 850', Surface Area 350 acres, Volume Impounded - 1283 acre-feet	Minetto Dam (Height - 23', Length - 500', Surface Area 642 acres, Volume Impounded - 422 acre-feet) Edward Lock Dam (NA) John Govus Dam (Height - 11', Length - 0', Surface Area 2 acres, Volume Impounded - 0 acre-feet)
e.ii.	Hazard C	Hazard B	Minetto Dam (Hazard C) Edward Lock Dam (NA) John Govus Dam (Hazard A)
e.iii.	7/1/2003	6/21/2000	Minetto Dam (6/4/2002) Edward Lock Dam (NA) John Govus Dam (7/11/1994)
h.	Yes	Yes	Yes
h.i.	Yes - Spills Incidents Database 0511398	Yes Spills Incidents 0600522, 0808129	Environmental Site Remediation Database, ID numbers 738029 Spill Incidents 1203423, 1610275
h.ii.	NA	NA	NA
h.iii.	Environmental Site Remediation Database, ID number V00044	Environmental Site Remediation Database, ID numbers B00068, 738028, 738032, V00039, 738029, V00038, V00484, E738039, E738038, 738023	Environmental Site Remediation Database, ID numbers 738029


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<p>h.iv. Land uses on and surrounding the project site</p>	<p>Current Status of all spill locations: 511398 (5 gal. unknown petroleum, surface water affected, closed 5/23/2006); Current status of Environmental Site Remediation database locations: V00044 - Approximately 1200 yards of contaminated soil was excavated during the facility upgrade which eliminated any threats to potential resources. In addition, no significant environmental threat remains at the site</p>	<p>Current Status of all spill locations: 0600522 (gasoline spill in 2006, closed); 0808129 (petroleum spill in 2008, closed); Current status of Environmental Site Remediation database locations: B00068 - Based upon the success of these IRMs, the findings of the investigation indicated that the site no longer posed a threat to human health or the environment and a No Further Action Record of Decision was signed for this site in March 2000, allowing unrestricted future use of this property. 738028 - There are no remaining environmental problems associated with the disposal of hazardous waste at this site. 738032 - Further sampling of the area where the residual ash was dumped did not reveal contamination. V00039 - This site has been issued a release under the Alaskan Voluntary clean up program. 738029 - Remediation at the site is complete. V00038 - As of September 15, 2007, remedial work at the site reverted to the spill response program and is being managed under Spill Number 97-07207. V00848 - No Data Available. E738039 - Currently, the site is vacant with a one story sheet-metal storage building. E738038 - NYSDOH has insufficient information to fully evaluate the potential for human exposures. 738023 - Remediation at the site is complete;</p>	<p>Current Status of all spill locations: 1203423 (4 gallon spilled due to equipment failure into impervious surface, spill closed); 1610275 (50 gallon spill due to equipment failure in 2017, spill closed); Current status of Environmental Site Remediation database locations: 738029 at risk for TCE, PERC, and TCA. Classification 04. Currently being managed under site management plan.</p>
<p>h.v.</p>	<p>No</p>	<p>Site Codes #:738029, Control type: Deed Restriction; Groundwater Use Restriction; Engineering Controls: Air sparaging/soil vapor extraction system and groundwater treatment system. Proposed Project will not affect the institutional and engineering controls in place; no site disturbance will occur.</p>	<p>Site Codes #:738029, Control type: Deed Restriction; Groundwater Use Restriction; Engineering Controls: Air sparaging/soil vapor extraction system and groundwater treatment system. Proposed Project will not affect the institutional and engineering controls in place; no site disturbance will occur.</p>
<p>E.2. Natural Resources On or Near Project Site</p>			
<p>a.</p>	<p>Between 14 and >80 inches</p>	<p>Between 14 and >80 inches</p>	<p>Between 14 and >80 inches</p>
<p>c.</p>	<p>62.7% of site = Water, 19.4% of site = Cut and fill land, 5.3% of site = Fluvaquents and Udifluvents</p>	<p>5.2% of site = Cut and fill land, 12.6% of site = Urban land, 68.7% of site = Water</p>	<p>67.1% of site = Water; 6.4% of site = Ira and Sodus very stony soils; 5.4% of site = Cut and fill land</p>


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d.	Between 0 and >80 inches	Between 0 and >80 inches	Between 0 and >80 inches
e.	65.3% of site = Well Drained; 26.5% of site = Moderately Well Drained; 8.2% of site = Poorly Drained	84.2% of site Well Drained 11.9% of site Moderately Well Drained 3.9% of site Poorly Drained	70.3% of site = Well Drained; 15.4% of site = Moderately Well Drained; 14.3% of site = Poorly Drained
f.	34.1% of site = 0-10% slope; 0.6% of site = 10-15% slope	100% of site = 0-10% slope	86.7% of site = 0-10% slopes; 3.2% of site = 10-15% slopes; 10.1% of site = >15% slopes
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	Streams - 897-37 Class C, 897-5 Class B, 897-4 Class B Ponds or Lakes - N/A Wetlands - N/A	Streams - 897-3 Class B, 897-4 Class B, 897-22 Class C Lakes or Ponds - N/A Wetlands - N/A	Streams - 897-37 Class C, 897-4 Class B, 897-26 Class C Lakes or Ponds - N/A Wetlands PE-25 Class 1, FU-64 Class 2
h.v.	No	Yes- Pollutants - Oswego River, Lower, Main Stem - Priority Organics - Fish Consumption	Yes- Pollutants - Oswego River, Lower, Main Stem - Priority Organics - Fish Consumption
i.	No	Yes	Yes
j.	Yes	Yes	Yes
k.	Yes	Yes	Yes
l.	No	Yes	Yes
l.i.	N/A	Principal Aquifer, 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- The habitat of the Northern Long-eared bat, Bog turtle, Bald Eagle and Indiana bat are within the project area.	Yes- The habitat of the Northern Long-eared bat, Bog turtle, and Indiana bat are within the project area.	Yes- The habitat of the Northern Long-eared bat, Bog turtle, and Indiana bat are within the project area.
p.	No	No	
E.3 Designated Public Resources On or Near Project Site			
a.	No	No	No
b.	Yes	Yes	Yes
b.i.	Approximately 10 acres	Approximately 39.4 acres	Approximately 62.1 acres
b.ii.	USGS Soil Survey	USGS 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.	No	No	No
d.i.	N/A	N/A	N/A
d.ii.	N/A	N/A	N/A
d.iii.	N/A	N/A	N/A
e.	Yes	Yes	Yes
e.i.	Historic Building or District	Historic Building or Site	Historic Building or Site


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e.ii.	New York State Barge Canal Historic District Sweet Memorial Building	New York State Barge Canal Historic District US Post Office - Fulton, Pratt House Fulton Public Library "CHANCELLOR" (Canal TugBoat)	New York State Barge Canal Historic District VanBuren House & Tavern
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) Sweet Memorial Building (USN 07549.000002): Significance in areas of architecture, theater, government	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) US Post Office (USN 07541.000016): Significant in areas of government, architecture Pratt House (USN 07541.000005): significant in areas of architecture, early settlement history Fulton Public Library (USN 07541.000020): significant in areas of government, architecture "Chancellor" (USN 07541.000021): significant in areas of transportation, education, maritime history, tourism	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) VanBuren House & Tavern (USN 07520.000001): significant in areas of architecture, economy, early settlement history
f.	Yes	Yes	Yes


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g.	No	No	No
g.i.	N/A	N/A	N/A
g.ii.	N/A	N/A	N/A
h.	No	Yes	Yes
h.i.	N/A	Great Lakes Seaway Trail	Great Lakes Seaway Trail
h.ii.	N/A	Byways Source	Byways Source
h.iii.	N/A	<1 Mile	5 Miles
i.	No	No	No
i.i.	N/A	N/A	N/A
i.ii.	N/A	N/A	N/A


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	Town of Granby	Town of Hastings	Town of Schroepfel
B. Government Entity and			
i. (i.i.)	No	No	No
i.ii.	No	Yes	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.	A comprehensive land use plan does not exist for this municipality or was not available for review.	A comprehensive land use plan does not exist for this municipality or was not available for review.
b.	No	No	No
c.	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan
C.3 Zoning			
a.	Yes- A Agriculture and R-1 Residential-1.	Yes- H Hamlet, W Waterfront, CR Commercial-Residential, CI Commercial-Industrial.	The Zoning Map for the municipality was not available for review. However, the Embankment Maintenance Program will not result in revisions to the existing zoning of any parcels, therefore no impact to municipal zoning is anticipated.
C.4 Existing Community Services			
a.	Fulton City School District and Phoenix Central School District	Central Square School District	Phoenix Central School District and Central Square School District
b	Fulton Police Department and Oswego County Sheriff's Office	Central Square Police Department and Oswego County Sheriff's Office	Phoenix Police Department and Oswego County Sheriff's Office
c	Granby Center Fire Department	Hastings Fire Department	Phoenix Fire Department
d	N/A	N/A	William J. Farley Jr. Community Park
D.1. Proposed & Potential Development			
b.	Up to approximately 1109 acres (including approximately 665 acres of water)	Up to approximately 191 acres (including approximately 115 acres of water)	Up to approximately 964 acres (including approximately 579 acres of water)
b.b.	Up to approximately 1109 acres (including approximately 665 acres of water)	Up to approximately 191 acres (including approximately 115 acres of water)	Up to approximately 964 acres (including approximately 579 acres of water)
E.1. Land Uses on and Surrounding the Project Site			
a. Existing land uses	Forest, Agriculture, Commercial, Residential, Aquatic	Forest, Agriculture, Commercial, Residential, Aquatic	Forest, Agriculture, Commercial, Residential, Aquatic
b. Land Use or Covertypes	(Intentionally left empty)	(Intentionally left empty)	(Intentionally left empty)
b. (continued) Roads, buildings, and other paved or impervious surfaces	Approximately 111 acres; Approximately 111 acres; N/A	Approximately 10 acres; Approximately 10 acres; N/A	Approximately 48 acres; Approximately 48 acres; N/A
b. (continued) Forested	Approximately 111 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 10 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 48 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 111 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 28 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 96 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Agriculture	Approximately 111 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 28 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 193 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Surface water features	Approximately 665 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 115 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 579 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	N/A
b. (continued) Non-vegetated	N/A	N/A	N/A


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	Town of Granby	Town of Hastings	Town of Schroepfel
b. (continued) Other	N/A	N/A	N/A
d.	Yes	Yes	No
d.i.	Granby Elementary School	Sunny Days Nursery School	NA
e.	No	Yes Caughdenoy Dam	Yes Clifford Feidt Marsh Dam
e.i.	NA	Height - 15', Length - 550', Surface Area 51,072 acres, Volume Impounded - 255,360 acre-feet	Height - 6' Length - 400' Surface Area 10 acres, Volume Impounded - 54 acre-feet
e.ii.	NA	Hazard B	Hazard A
e.iii.	NA	8/13/2009	8/16/2001
h.			
h.i.	No spills data	Yes Spills Incidents 8705454, 1109028, 9209533	Yes Spills Incidents 1501226,1401740, 1502909
h.ii.	NA	NA	NA
h.iii.	Environmental Site Remediation Database, ID numbers 738014 and 738029	Environmental Site Remediation Database, ID numbers 734112	No


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	Town of Granby	Town of Hastings	Town of Schroepfel
<p>h.iv. Land uses on and surrounding the project site</p>	<p>Current Status of all spill locations: N/A; Current status of Environmental Site Remediation database locations: 738014 area was originally a disposal site for drums of waste from Pollution Abatement Services until 1974, 2,000 drums were stored and leaked on site. Remediation at site is complete and is no longer posing a significant threat to the environment; 738029 former Miller Container site, the concrete spill containment tank cracked causing hazardous waste at the site. Remediation at site is complete. Measures are in place to control the potential for coming in contact with contamination remaining on the site.</p>	<p>Current Status of all spill locations: 8705454 (gasoline spilled into groundwater due to tank failure in 1987, spill closed); 1109028 (waste oil spilled into soil in 2011, spill closed); 9209533 (gasoline spilled from passenger vehicle in 1992, spill closed); Current status of Environmental Site Remediation database locations: 734112 - currently utilized as a dry cleaning facility (previously used as gas station from the 1930's to the 1950's)</p>	<p>Current Status of all spill locations: 1501226 (20 gallon of hydraulic oil spilled by traffic accident in 2015, spill closed); 1401740 (gasoline and motor oil spilled into surface water, spill closed); 1502909 (#2 fuel oil spilled at private dwelling into impervious surface, spill closed)</p>
<p>h.v.</p>	<p>Site Codes #:738029, Control type: Deed Restriction; Groundwater Use Restriction; Engineering Controls: Air sparaging/soil vapor extraction system and groundwater treatment system. Proposed Project will not affect the institutional and engineering controls in place; no site disturbance will occur.</p>	<p>No</p>	<p>No</p>
<p>E.2. Natural Resources On or Near Project Site</p>			
<p>a.</p>	<p>Between 20 and >80 inches</p>	<p>Between 20 and >80 inches</p>	<p>Between 20 and >80 inches</p>
<p>c.</p>	<p>49% of site = Water; 9.9% of site = Canandaigua silt loam; 8.6% of site = Naumburg loamy fine sand</p>	<p>54.1% of site = Water; 17.9% of site = Cut and fill land; 17.8% of site = Rhinebeck silt loam</p>	<p>38.9% of site = Water; 13.5% of site = Cut and fill land; 11.7% of site = Carlisle muck</p>


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d.	Between 0 and >80 inches	Between 0 and >80 inches	Between 0 and >80 inches
e.	51.2% of site = Well Drained; 16.3% of site = Moderately Well Drained; 34.9% of site = Poorly Drained	0.7% of site = Well Drained; 18.7% of site = Moderately Well Drained; 80.6% of site = Poorly Drained	4.4% of site = Well Drained; 17% of site = Moderately Well Drained; 78.6% of site = Poorly Drained
f.	95.6% of site = 0-10% slopes; 3.4% of site = 10-15% slopes; 1% of site = >15% slopes	99.3% of site = 0-10% slopes; 0.7% of site = >15% slopes	98.3% of site = 0-10% slopes; 1.5% of site = 10-15% slopes; 0.2% of site = >15% slopes
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	Streams - 897-27 Class C, 897-28 Class C, 897-4 Class B, 897-26 Class C, 897-18 Class C, 897-3 Class C, 897-2.2 Class C Lakes or Ponds - N/A Wetlands - L-8 Class 1, BV-1 Class 2, FU-59 Class 2, FU-10 Class 1, FU-62 Class 1	Streams - 899-1 Class B, 899-13 Class C, 899-14 Class C, 899-17 Class C, 899-18 Class B Lakes or Ponds - N/A Wetlands - BR-10 Class 1	Streams - 897-4 Class B, 897-37 Class C, 897-5 Class B, 899-1 Class B, 899-13 Class C, 899-11 Class C, 899-19 Class C, 897-6 Class B Lakes or Ponds - N/A Wetlands - BR-7 Class 3, BR-9 Class 2, PE-6 Class 1, BV-4 Class 2, BV-5 Class 2, BV-6 Class 2
h.v.	Yes- Pollutants - Oswego River, Lower, Main Stem - Priority Organics - Fish Consumption	No	No
i.	Yes	Yes	Yes
j.	Yes	Yes	Yes
k.	Yes	Yes	Yes
l.	Yes	No	Yes
l.i.	Principal Aquifer, Primary Aquifer	N/A	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- The habitat of the Northern Long-eared bat, Bog turtle, and Indiana bat are within the project area.	Yes- The habitat of the Northern Long-eared bat, Eastern Massasauga rattlesnake, and Indiana bat are within the project area.	Yes- The habitat of the Northern Long-eared bat, Bog turtle, Eastern Massasauga rattlesnake, and Lake Sturgeon are within the project area.
p.	No	No	No
E.3 Designated Public Resources On or Near Project Site			
a.	Yes - OSWE011	Yes - OSWE011	Yes - OSWE11
b.	Yes	Yes	Yes
b.i.	Approximately 259 acres	Approximately 37.3 acres	Approximately 237.6 acres
b.ii.	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.	No	No	No
d.i.	N/A	N/A	N/A
d.ii.	N/A	N/A	N/A
d.iii.	N/A	N/A	N/A
e.	Yes	Yes	Yes
e.i.	Historic Building or Site	Historic Building or Site	Historic Building or Site


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e.ii.	New York State Barge Canal Historic District	New York State Barge Canal Historic District Fort Brewerton	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)	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) Fort Brewerton (USN 07507.000002): significant in areas of military, archaeology	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


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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.	Great Lakes Seaway Trail	Interstate 81, Interstate 90	Interstate 81, Interstate 90
h.ii.	Byways Source	Byways Source	Byways Source
h.iii.	5 Miles	<1 Mile	<1 Mile
i.	No	No	No
i.i.	N/A	N/A	N/A
i.ii.	N/A	N/A	N/A


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	Town of Minetto	City of Oswego	Town of Scriba
B. Government Entity and			
i. (i.i.)	No	Yes	No
i.ii.	No	Yes	No
i.iii.	No	No	No
C.2. Adopted Land Use Plans			
a.	A comprehensive land use plan does not exist for this municipality.	Yes; Yes.	A comprehensive land use plan does not exist for this municipality or was not available for review.
b.	No	No	No
c.	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan	Yes - Oswego County Agriculture and Farmland Protection Plan
C.3 Zoning			
a.	Yes - AG Agriculture, R10 Residential, CM Commercial, and IN Industrial.	Yes- Residential 1, Residential 2, Residential 3, Residential 4, B1 Neighborhood Business, B2 Central Business, B3 Redevelopment, Industrial, and PD Planned Development.	The Zoning Map for the municipality was not available for review. However, the Embankment Maintenance Program will not result in revisions to the existing zoning of any parcels, therefore no impact to municipal zoning is anticipated.
C.4 Existing Community Services			
a.	Oswego City School District and Fulton City School District	Oswego City School District	Oswego City School District
b	Oswego County Sheriff's Office	Oswego Police Department and Oswego County Sheriff's Office	Oswego County Sheriff's Office
c	Minetto Volunteer Fire Corporation	Oswego Fire Department	Scriba Fire Department
d	N/A	West Side Riverfront Linear Park	Scriba Town Park
D.1. Proposed & Potential Development			
b.	Up to approximately 266 acres (including approximately 159 acres of water)	Up to approximately 612 acres (including approximately 367 acres of water)	Up to approximately 56 acres (including approximately 12 acres of water)
b.b.	Up to approximately 266 acres (including approximately 159 acres of water)	Up to approximately 612 acres (including approximately 367 acres of water)	Up to approximately 56 acres (including approximately 12 acres of water)
E.1. Land Uses on and Surrounding the Project Site			
a. Existing land uses	Agriculture, Commercial, Residential, Aquatic	Agriculture, Commercial, Residential, Aquatic	Agriculture, Commercial, Residential, Aquatic
b. Land Use or Covertypes	(Intentionally left empty)	(Intentionally left empty)	(Intentionally left empty)
b. (continued) Roads, buildings, and other paved or impervious surfaces	Approximately 80 acres; Approximately 80 acres; N/A	Approximately 245 acres; Approximately 245 acres; N/A	Approximately 9 acres; Approximately 9 acres; N/A
b. (continued) Forested	N/A	N/A	N/A
b. (continued) Meadows, grasslands or brushlands	N/A	N/A	N/A
b. (continued) Agriculture	Approximately 27 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	NA	Approximately 28 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity
b. (continued) Surface water features	Approximately 159 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 367 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity	Approximately 56 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	N/A
b. (continued) Non-vegetated	N/A	N/A	N/A


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b. (continued) Other	N/A	N/A	N/A
d.	Yes	Yes	Yes
d.i.	Minetto Elementary School	Kingsford Park elementary School, Oswego Catholic High School, Charles E Riley Elementary school, St Luke healthcare, st francis commons assisted living facility	Springside at Seneca Hill
e.	Yes Minetto Dam Lock #5	Yes Oswego Barge Canal Lock 8 Dam, City of Oswego Dam, Curved Dam Lock #7, High Dam Lock #6	No
e.i.	Minetto Dam (Height - 23', Length - 500', Surface Area 642 acres, Volume Impounded - 422 acre-feet)	Oswego Barge Dam (Height - 14', Length - 0', Surface Area 0 acres, Volume Impounded - 0 acre-feet) City of Oswego Dam (Height - 21', Length - 104', Surface Area 6 acres, Volume Impounded - 0 acre-feet) Curved Dam (Height - 14', Length - 517', Surface Area 47 acres, Volume Impounded - 650 acre-feet) High Dam (Height - 32', Length - 500', Surface Area 206 acres, Volume Impounded - 1250 acre-feet)	NA
e.ii.	Minetto Dam (Hazard C)	Oswego Barge Dam (Hazard A) City of Oswego Dam (Hazard A) Curved Dam Dam (Hazard C) High Dam (Hazard C)	NA
e.iii.	Minetto Dam (6/4/2002)	Oswego Barge Dam (12/31/1901) City of Oswego Dam (6/21/2000) Curved Dam(6/4/2002) High Dam (6/4/2002)	
h.			
h.i.	Yes Spills Incidents 9212510, 1510077, 1704891	Yes Spills Incidents 900614, 9602664, 9802311, 0209354, 0551142, 0512398, 1603535	No Spills Data
h.ii.	NA	NA	NA
h.iii.	Environmental Site Remediation Database, ID numbers 738012	Environmental Site Remediation Database, ID numbers 738035, V00481, 738045, C738046, V00042, 738043, 738042, C738040, E738040, 738041, 738044	No


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<p>h.iv. Land uses on and surrounding the project site</p>	<p>Current Status of all spill locations: 9212510 (petroleum spill in soil in 1993. spill closed); 1510077 (gasoline spilled by human error into sewer, 2 gal, spill closed); 1704891 (2.5 gal gasoline spilled deliberately into drinking water at stewart's market in 2017, spill closed); Current status of Environmental Site Remediation database locations: 738012 (organic contamination and elevated levels of heavy metals were confirmed at the site, the site is classified as a Class 4 inactive hazardous waste site)</p>	<p>Current Status of all spill locations: 900614 (1 gallon of diesel spilled in 1990, spill closed); 9602664 (gasoline spilled in the soil in 1996, spill closed); 9802311 (spill closed); 0209354 (petroleum in soil in 2002, spill closed); 0551142 (housekeeping caused fuel spill affecting surface water in 2005. spill closed); 0512398 (5 gallons of transformer oil caused from traffic accident in 2006, spill closed); 1603535 (15 gal of hydraulic spill due to equipment failure in 2016) Current status of Environmental Site Remediation database locations: 738035 (no contamination remains at the site and no additional action is required); V00481 (former Manufactured Gas Plant, currently occupied by 4 buildings, a medical office, a dialysis center, an auto repair shop and an electrical wholesale distributor, paved parking occupies the remainder of the site); 738045 (currently occupied by commercial buildings and paved parking, formerly used by a machine shop, auto repair facilities, and a photography studio); C738046 (site currently vacant and lies in the B3 Redevelopment zoning district which allows for commercial uses and certain residential uses such as condominiums and multi-family dwellings); V00042 (currently an active gas station and convenience store); 738043 (site is currently inactive, prior use of the site was for various uses. petroleum contamination related to the use of the underground storage tanks identified during previous work at the site); 738042 (site is currently vacant and zoned for commercial use formerly used as a supermarket and machine shop); C738040 and E738040 (both sites are currently utilized by the City of Oswego Department of Public Works which operates a metal fabricating workshop, a wood working shop, and an automobile maintenance shop. The DPW also uses these sites as seasonal storage for trucks and equipment); 738041 (site is currently used for Port Authority storage and is zoned for industrial use); 738044 (site is currently vacant and zoned for industrial use)</p>	<p>N/A</p>
<p>h.v.</p>	<p>Site Codes #:738029, Control type: Deed Restriction; Groundwater Use Restriction and Landuse Restriction; Engineering Controls: Cover System, Fencing/Access control, Monitoring Plan and O/M Plan . Proposed Project will not affect the institutional and engineering controls in place; no site disturbance will occur.</p>	<p>No</p>	<p>No</p>
<p>E.2. Natural Resources On or Near Project Site</p>			
<p>a.</p>	<p>Between 20 and >80 inches</p>	<p>Between 14 and >80 inches</p>	<p>Between 20 and >80 inches</p>
<p>c.</p>	<p>71.7% of site = Water; 11.4% of site = Ira gravelly fine sandy loam; 7.4% of site = Lamson very fine sandy loam</p>	<p>37.3% of site = Water; 10.4% of site = Urban Land; 2.6% of site = Ira and Sodus very stony soils</p>	<p>76% of site = Water; 8.6% of site = Ira gravelly fine sandy loam; 6.3% of site = Sodus soils, very steep</p>


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d.	Between 0 and >80 inches	Between 18 and >80 inches	Between 6 and >80 inches
e.	6.3% of site = Well Drained; 14.5% of site = Moderately Well Drained; 79.1% of site = Poorly Drained	5.8% of site = Moderately Well Drained; 38.8% of site = Poorly Drained	6.2% of site = Well Drained; 13.9% of site = Moderately Well Drained; 80% of site = Poorly Drained
f.	96.3% of site = 0-10% slopes; 0.3% of site = 10-15% slopes; 3.3% of site = >15% slopes	51.9% of site = 0-10% slopes; 0.5% of site = 10-15% slopes; 2.6% of site = >15% slopes	93.9% of site = 0-10% slopes; 6.2% of site = >15% slopes
g.	No	Yes - Fort Ontario	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	Streams - 897-2.2 Class C, 897-8 Class B, 897-2.1 Class B Lakes or Ponds - N/A Wetlands - OE-9 Class 2	Streams - 897-2 Class B, 897-1 Class C, 847-458 Class C Lakes or Ponds - 847-4 Class A, 847-2 Class C Wetlands - N/A	Streams - 897-8 Class C, 897-2 Class B, 897-2.1 Class B Lakes or Ponds - N/A Wetlands - N/A
h.v.	Yes- Pollutants - Oswego River, Lower, Main Stem - Priority Organics - Fish Consumption	Yes- Pollutants - Lake Ontario Shoreline, Central - Pesticides; Priority Organics - Fish Consumption, Oswego Harbor - Pesticides; Priority Organics - Fish Consumption, Eastern - Pesticides; Priority Organics - Fish Consumption	Yes- Pollutants - Oswego River, Lower, Main Stem - Priority Organics - Fish Consumption
i.	Yes	Yes	Yes
j.	Yes	Yes	Yes
k.	Yes	Yes	Yes
l.	Yes	No	No
l.i.	Principal Aquifer, Primary Aquifer	N/A	N/A
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- The habitat of the Northern Long-eared bat, Bog turtle, and Lake Sturgeon are within the project area.	Yes- The habitat of the Northern Long-eared bat, Bog turtle, and Lake Sturgeon are within the project area.	Yes- The habitat of the Northern Long-eared bat, Bog turtle, and Lake Sturgeon are within the project area.
p.	No	No	No
E.3 Designated Public Resources On or Near Project Site			
a.	No	No	No
b.	Yes	Yes	Yes
b.i.	Approximately 53.5 acres	Approximately 25.6 acres	Approximately 14.5 acres
b.ii.	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.	No	No	No
d.i.	N/A	N/A	N/A
d.ii.	N/A	N/A	N/A
d.iii.	N/A	N/A	N/A
e.	Yes	Yes	Yes
e.i.	Historic Building or Site	Historic Building or Site	Historic Building or Site

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e.ii.	New York State Barge Canal Historic District	New York State Barge Canal Historic District, Brosemer Brewery (Seaway Supply), Standard Yarn Company Building, Franklin Square Historic District, Kingford Historic District, Oswego City Hall U.S. Customhouse, Oswego Armory, Oswego Theater, Pontiac Hotel Buckhout-Jones Building, Market House, Woodruff Block Oswego City Library, Washington Square Historic District, Walton and Willet Stone Store, Derrick Boat No. 8, Fort Ontario	New York State Barge Canal Historic District Riverside Cemetary
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)	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) Brosemer Brewery (USN 07540.000486): significant in areas of commerce, architecture Standard Yarn Company Building (USN 07540.000483): significant in areas of manufacturing, architecture Franklin Square Historic District (USN 07540.000656): significant in areas of architecture, early settlement Kingsford Historic District (USN 07540.000659): significant in areas of architecture, early settlement Oswego City Hall (USN 07540.000004): significant in areas of government, architecture U.S. Customhouse (USN 07540.000013): significant in areas of government, architecture Oswego Armory (USN 07540.000258): significant in areas of government, military Oswego Theater (USN 07540.000256): significant in areas of architecture, theater Pontiac Hotel (USN 07540.000260): significant in areas of architecture, tourism Buckhout-Jones Building (USN 07540.000265): significant in area of architecture Market House (USN 07540.000002): significant in areas of architecture, civil and economic history Woodruff Block (USN 07540.000264): significant in areas of commerce, architecture Oswego City Library (USN 07540.000001): significant in areas of government, architecture, economic history Washington Square Historic District: (USN 07540.000658): significant in areas of architecture, commerce, government, civic and religious history Derrick Boat No. 8 (USN 07540.000655): significant in areas of transportation, engineering, maritime history Fort Ontario (USN 07540.000009): significant in areas of architecture, military history, tourism	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) Riverside Cemetery: (USN 07519.000006): significant in areas of architecture, landscape architecture, local historical figures
f.	Yes	Yes	Yes

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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.	Great Lakes Seaway Trail	Great Lakes Seaway Trail	Greatlakes Seaway Trail
h.ii.	Byways Source	Byways Source	Byways Resource
h.iii.	<1 Mile	<1 Mile	<1 Mile
i.	No	No	No
i.i.	N/A	N/A	N/A
i.ii.	N/A	N/A	N/A