




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

	Village of Newark	Village of Clyde	Village of Palmyra
<b>B. Government Entity and Agency/Approval</b>			
i. (i.i.)	Yes	Yes	Yes
i.ii.	No	No	No
i.iii.	No	No	No
<b>C.2. Adopted Land Use Plans</b>			
a.	<p>C.2.a (1) Yes - the Village of Newark / Town of Arcadia have a comprehensive land use plan.</p> <p>---</p> <p>C.2.a (2) - The comprehensive plan discusses ways to capitalize on the presence of the Erie Canal, and includes recommendations on developing ways to initiate and implement an LWRP along the Erie Canal. The plan also mentions a goal to identify and evaluate ways to develop and promote the 30 acres of land on the north side of the Canal owned by NYSCC and designated as an UDS. The plan further mentions a goal of seeking grant funds to to develop more and improve existing local tourist attractions along the Erie Canal. The plan mentions a goal of competing the Erie Canal trail between Lyons and Newark/Arcadia. Lastly, the comp plan includes a goal of encouraging owners of commercial and industrial properties along the Erie Canal to incorporate design features that provide pedestrian and visual access to the Erie Canal.</p>	<p>C.2.a (1) No - The Village of Clyde does not have a comprehensive land use plan.</p> <p>--</p> <p>C.2.a (2) NA</p>	<p>C.2.a (1) Yes - Comprehensive Plan 2004 - Parks/Recreation/Conservation</p> <p>--</p> <p>C.2.b (2) - The comprehensive plan contains few recommendations fir the Erie Canal Corridor. One proposed action includes supporting the efforts of the NYSCC to construct segments of the Erie Canalway Trail in the village, particularly the segment between Division Street and the Arcadia Town Boundary. the Comprehensive Plan also contains a recommended action for the village to sponsor and encourage community, cultural and recreational events and activiies at the Port of Palmyra marina on the Erie Canal.</p>
b.	Yes - NYS Heritage Areas: West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor	Yes - NYS Heritage Areas: West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor	Yes - NYS Heritage Areas West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor
c.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.
<b>C.3 Zoning</b>			
a.	Yes - Planned Unit Development (PD) Zoning and Planned Unit Development - Industrial (PD-I).	<p>Yes the proposed action is a municipality with an adopted zoning law or ordinance.</p> <p>---</p> <p>Northern side of the Canal is "C1-Commercial" Zoning and the Southern Side of the Canal is "OL - Open Land" Zoning</p>	<p>Yes - The current Zoning District Map is on file in the office of the Village Clerk.</p> <p>According to the Generalized Land Use Zoning in Wanye County Map Village of Palmyra is Agricultural/Residential, Lower Density Residential, Commercial/Business</p>
<b>C.4 Existing Community Services</b>			
a.	Newark Central School District	Clyde–Savannah Central School District	Palmyra-Macedon Central School District
b.	Newark Police Department	Clyde Police Department	Palmyra Police Department


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

	Village of Newark	Village of Clyde	Village of Palmyra
c	Newark Volunteer Fire Department, Newark-Wayne Community Hospital, Newark-Arcadia Volunteer Ambulance, Thompson Health Urgent Care Newark	Clyde Fire Department Clyde Family Health Center Newark/Wayne Community Hospital Lyons Health Center	Palmyra Fire Department - Palmyra Family Medicine - Thompson Health Urgent Care Newark - Newark-Wayne Community Hospital
d	Colburn Park, T. Spencer Night Canal Port, Elliott Park	Lauraville Landing Park, Clyde Blockhouse Park	Pal-Mac Aqueduct County Park
<b>D.1. Proposed &amp; Potential Development</b>			
b.	up to approximately 191.94 acres	Up to approximately 95.2 acres	Up to approximately 128.4 acres
b.b.	up to approximately 191.94 acres	Up to approximately 95.2 acres	Up to approximately 128.4 acres
<b>E.1. Land Uses on and Surrounding the Project Site</b>			
a. Existing land uses	Residential, Commercial, Forest, Urban, Open Space/Park	Urban, Forest, Commercial, Residential (suburban), Industrial	Forest, Commercial, Aquatic, Residential, Other (Open Space/Park)
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 38 acres; Approximately 38 acres; N/A	Approximately 19 acres; Approximately 19 acres; N/A	Approximately 11 acres; Approximately 11 acres; N/A
b. (continued) Forested	Approximately 77 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 17 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 13 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 18 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	0 acres; N/A; N/A	Approximately 25 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Agriculture	0	0 acres; N/A; N/A	0; N/A; N/A
b. (continued) Surface water features	Approximately 44 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 25.2 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 31 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Wetlands	Approximately 12 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 18 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 49 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Non-vegetated	Approximately 3 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	0 acres; N/A; N/A	0; N/A; N/A
b. (continued) Other	0	Approximately 16 acres = mowed areas, lawns, residential; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	0; N/A; N/A
d.	Yes	Yes	Yes
d.i.	Within 1,500 feet of Project Site: Wayne Finger Lake BOCES, Perkins Elementary School, Wayne ARC, Kelley Elementary School, Thompson Health Urgent Care Newark, Candy Apple Pre-School Center	Within 1,500 feet of Project Site: Clyde Family Health Center	Within 1,500 feet of Project Site: Upward Bound Childcare Center, Palmyra Family Medicine, Towpath Manor Apartments (Senior Living 62+), Wayne Arc


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

	Village of Newark	Village of Clyde	Village of Palmyra
e.	No - There are no mapped dams within the project area	No - There are no mapped dams within the project area	No - However Name of Dam: Lock 29 Dam Barge Canal State ID: 045-4821 is within 1,000 feet of the western border of the proposed project area.
e.i.	NA	NA	NA
e.ii.	NA	NA	NA
e.iii.	NA	NA	NA
h.	Yes	Yes	Yes
h.i.	Yes - Spills Incident Database - #1804132 --- Yes - Environmental Site Remediation Database - 859021	Yes - Environmental Site Remediation Database - 859015	Yes - Environmental Site Remediation database - 859022
h.ii.	Site 859021 possesses a Record of Decision (ROD) that requires implementation of a remedial design program, excavation and off-site disposal of ~6,000 yds of contaminated soil, maintenance of site cover, imposition of institutional controls including periodic certification of institutional/engineering controls, land use restrictions, groundwater use restrictions and implementation of a site management plan.	Yes - Site Reporting to EPA: Advanced Atomization Technologies Llc 124 COLUMBIA ST CLYDE, NY 14433 Hazardous Waste Generator: Small Quantity Generator	Yes - 3 sites reporting to EPA: --Getty Mart 2 --Dollar General Store 8440 --Garlock Sealing Technologies Hazardous Waste Generator: Small Quantity Generator
h.iii.	Yes - 859021	Yes - 859015, 959019	Yes - 859022, C859001, C859027, C859028


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

	<p align="center"><b>Village of Newark</b></p>	<p align="center"><b>Village of Clyde</b></p>	<p align="center"><b>Village of Palmyra</b></p>
<p>h.iv. Land uses on and surrounding the project site</p>	<p>Spill Incidents Database #1804132 - Not Closed Spill Date: 07/17/2018 Spill Time: 12:00:00 PM --- Site Code: 859021 Program: State Superfund Program Classification: A Soil exceeding commercial use SCOs for polycyclic aromatic hydrocarbons (PAHs) was found only in samples collected within the footprint of the former MGP structures and immediately to the north of the site at levels above SCOs. People are not expected to come into direct contact with site-related contaminants in the soil because buildings and pavement cover most of the site.</p>	<p>No spills within project area --- Site Code: 859019 the primary contaminants of concern at this site include coal tar, BTEX, and polycyclic aromatic hydrocarbon (PAHs). Surface soil contamination does not appear to extend off-site. Access to the site is unrestricted. ---- Site Code: 859015 Hazardous Waste Disposal Period From: 1941 To: 1965</p>	<p>No spills within project area --- Site Code: 859022 Hazardous Waste Disposal Period Preliminary sediment investigations indicate that the site and/or upstream fueling facilities have impacted adjacent Mill Creek. The nature and extent of sediment impacts will be further investigated. ---- Site Code: C859001 Program: Brownfield Cleanup Program A Certificate of Completion was issued on December 26, 2006. ---- Site Code: C859027 A Certificate of Completion (COC) for the Gylon site was issued by the NYSDEC on December 31, 2008 ---- Site Code: C859028 A Certificate of Completion was issued on December 30, 2011.</p>
	<p>Yes - Site 859021 possesses a Record of Decision (ROD) that requires implementation of a remedial design program,</p>	<p>Yes - Site 859019 possesses a Record of Decision (ROD) that requires implementation of a remedial design program,</p>	<p>Yes - Site 859022 possesses a Record of Decision (ROD) that requires implementation of a remedial design program, excavation and off-site disposal of contaminated soils exceeding</p>


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

	<p align="center"><b>Village of Newark</b></p>	<p align="center"><b>Village of Clyde</b></p>	<p align="center"><b>Village of Palmyra</b></p>
<p>h.v.</p>	<p>excavation and off-site disposal of ~6,000 yds of contaminated soil, maintenance of site cover, imposition of institutional controls including periodic certification of institutional/engineering controls, land use restrictions, groundwater use restrictions and implementation of a site management plan. Project will not affect institutional or engineering controls that will be employed.</p>	<p>excavation and off-site disposal of ~6,000 yds of contaminated soil, maintenance of site cover, in-situ enhanced biodegradation, imposition of institutional controls including periodic certification of institutional/engineering controls, land use restrictions, groundwater use restrictions and implementation of a site management plan. Project will not affect institutional or engineering controls that will be employed.</p>	<p>500 ppm of PAH's, in-situ solidification of former MGP structures, construction and maintenance of a containment barrier, construction of a NAPL collection system, green remediation, imposition of institutional controls including periodic certification of institutional/engineering controls, land use restrictions, groundwater use restrictions and implementation of a site management plan. Project will not affect institutional or engineering controls that will be employed.</p>
<p><b>E.2. Natural Resources On or Near Project Site</b></p>			
<p>a.</p>	<p>Average depth to bedrock = 5.43 feet</p>	<p>Average depth to bedrock = 6.4 feet</p>	<p>Average Depth to Bedrock = 5.93 Feet</p>
<p>c.</p>	<p>Cut and fill land (CFL) = 44.3% Water (W) = 22.9% Lamson very fine sandy loam (Lm) = 14.6%</p>	<p>CFL = Cut and fill land - 52.7% PcB = Palmyra gravelly loam - 7.1% Ca = Canandaigua silt loam - 3.5% W = Water = 23.6%</p>	<p>Wd - Wayland soil complex = 42.2% Te - Teel silt loam = 14.2% CFL - Cut and fill land 8.8% Water = 18.4%</p>
<p>d.</p>	<p>average depth to water table = 2.6 feet</p>	<p>Average depth to water table = 3.9 feet</p>	<p>Average depth to water table = 3.2 feet</p>
<p>e.</p>	<p>Well drained = 0 % Moderately well drained = 57.3% Poorly Drained (Very Poorly Drained) = 15.8 % Water = 26.9%</p>	<p>Well drained = 4.9% of the site Moderately well drained = 60.4% of the site Poorly drained = 0.0% of the site Somewhat excessively drained = 7.4% Somewhat poorly drained = 0.1% Very poorly drained = 3.5% Water = 23.6%</p>	<p>Well Drained = 8.7% of site Moderately well drained = 23% of site Poorly Drained = 47.4 of site Somewhat excessively drained = 1.3% somewhat poorly drained = 0.7% Very poorly drained = 0.6% Water = 18.4</p>
<p>f.</p>	<p>0-10% = 67.9% of the site 10-15% = 5.2% of the site 15% or greater = 0% of the site Water = 26.9% of the site</p>	<p>0-10% = 74.3 % of the site 10-15% = 1.1 % of the site 15% or greater = 0.9% of the site Water = 23.6 % of the site</p>	<p>0-10% = 81.6% of site Water = 18.4%</p>


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

	Village of Newark	Village of Clyde	Village of Palmyra
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	<p>Stream-898-474, 898-141 Classification C, C(T), Federal and State Wetlands Federal Wetlands = PFO1E, PSS1/PEM1E, L1UBHx, R2UBHx, R2UBH NYSDEC Wetlands NE-36 NYSDEC Wetland (in acres): Approximately 397.9</p>	<p>Streams = 898-124.1, 898-120 Classification C Wetlands = Federal Waters, State Wetlands Federal Wetlands = R2UBHx, PFO1E, PEM1E, PABHh Wetland No. = LN-22 NYS Wetland (in acres): Approximately 1,307.3</p>	<p>Streams: 898-131, 898-155, 898-148, 898-474, 898-147 Classification C Wetlands: Federal Waters, State Wetlands Federal Wetlands = PEM1/5E, PEM1/SSA, PEM1A, PEM1E, PEM1C, PFO1C, PFO5Hx, PFO1A, PFO1E, PUBHx, PUBHh, L1UBHx, R2UBH, R5UBH NYSDEC Wetland = (PA-31 - Approximately 99.6 acres)</p>
h.v.	Yes - Name - Pollutants - Uses: NYS Barge Canal (Portion 5) - D.O. Oxygen Demand - Aquatic Life	No	Yes - Name - Pollutants - Uses: NYS Barge Canal (Portion5) - DO/Oxygen Demand - Aquatic Life
i.	No - FEMA Zone X	No - FEMA Zone C	No - FEMA Zone X
j.	No - FEMA Zone X	No - FEMA Zone C	No - FEMA Zone X
k.	Yes - FEMA Zone X	Yes - FEMA Zone C	Yes - FEMA Zone X
l.	Yes	No	Yes
l.i.	Principal Aquifer	NA	Principal Aquifer
n.	No	Yes	No
n.i.	NA	Floodplain Forest located on south side of canal where canal enters western boundary of Village.	NA
n.ii.	NA	NA	NA
n.iii.	NA	710.0 acres	NA

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


	Village of Newark	Village of Clyde	Village of Palmyra
o.	Yes - IPAC = Northern Long-eared Bat	Yes - Village of Clyde is within a Rare Plants or Animals / Significant Natural Community - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS, -- IPAC = Northern Long-eared Bat	Yes - Bald Eagle Yes - Village of Palmyra is within a Rare Plants or Animals / Significant Natural Community - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS IPAC = Northern Long-eared Bat
p.	No	Yes - Village of Clyde is within a Rare Plants or Animals / Significant Natural Community - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS,	Yes - Village of Palmyra is within a Rare Plants or Animals / Significant Natural Community - Located within the vicinity of Rare Freshwater Mussels
<b>E.3 Designated Public Resources On or Near Project Site</b>			
a.	Yes - WAYN001	Yes - WAYN001	Yes = WAYN001
b.	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor
b.i.	NA	NA	NA
b.ii.	NA	NA	NA
c.	No	No	No
c.i.	NA	No	NA
c.ii.	NA	No	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
e.ii.	New York State Barge Canal Historic District (14NR06559)	New York State Barge Canal Historic District (14NR06559)	New York State Barge Canal Historic District (14NR06559), Palmyra Village Historic District
e.iii.	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office -- NR Building Listings NR Number: 08NR05945 Name: Palmyra Village Historic District City Town: Palmyra County: Wayne
f.	Yes	Yes	Yes
g.	No	No	Yes - A significant portion of the Village of Palmyra is a Historic District

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


	Village of Newark	Village of Clyde	Village of Palmyra
g.i.	NA	NA	NA
g.ii.	NA	NA	NA
h.	No	Yes - Clyde River by NPS Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.) Reach: Creager Bridge to west of Clyde River Miles: 10 Outstandingly Remarkable Value: Historic Year Listed/Updated: 1982	No
h.i.	NA	Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.)  Reach: Creager Bridge to west of Clyde  River Miles: 10  Outstandingly Remarkable Value: Historic  Year Listed/Updated: 1982	NA
h.ii.	NA	Scenic River listed by NPS	NA
h.iii.	NA	The western side of the proposed project area is immediately Adjacent, Within the segment is a portion of the Erie Canal.	NA
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 Savannah	Town of Galen	Town of Macedon
<b>B. Government Entity and Agency/Approval</b>			
i. (i.i.)	Yes	Yes	Yes
i.ii.	No	No	Yes
i.iii.	No	No	No
<b>C.2. Adopted Land Use Plans</b>			
a.	C.2.a (1) No - Comprehensive Plan. -- C.2.b (2) - N/A	C.2.a (1) No - Comprehensive Plan. -- C.2.b (2) - N/A	C.2.a (1) No - Comprehensive Plan. -- C.2.b (2) - N/A
b.	Yes - NYS Heritage Areas: West Erie Canal Corridor, Federal Recreation Land: Montezuma National Wildlife Refuge. NPS Erie Canalway National Heritage Corridor, Northern Montezuma Wildlife Management Area	Yes - NYS Heritage Areas: West Erie Canal Corridor Federal Recreation Land: Montezuma National Wildlife Refuge. NPS Erie Canalway National Heritage Corridor	Yes - NYS Heritage Areas: West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor
c.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.
<b>C.3 Zoning</b>			
a.	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.	Town of Galens website currently down. According to the Generalized Land Use Zoning in Wayne County Map Galen is Agricultural and Open Space Zoning.	Yes - Proposed project area in designated Canal Corridor Overlay District ORM-Office-research Manufacturing GC- General Commercial R-30-Residential AR-40Agricultural
<b>C.4 Existing Community Services</b>			
a.	Clyde–Savannah Central School District	Lyons Central School District and Clyde–Savannah Central School District	Palmyra-Macedon Central School District and Gananda Central School District
b.	Clyde Police Department / Port Byron Police Department	Clyde Police Department	Macedon police department


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

	Town of Savannah	Town of Galen	Town of Macedon
c	Wayne County Fire Department, Clyde Family Health Center , Auburn Community Hospital, Port Byron Community Health Care	Clyde Fire Department Clyde Family Health Center Newark/Wayne Community Hospital Lyons Health Center	Macedon Fire Department - Macedon Family Practice, Clifton Springs Hospital and Clinic, Rochester Regional Health, Pal-Mac Medical Center
d	Montezuma National Wildlife Refuge, Vince's Park, Oak Orchard Marina and Campground, Montezuma Heritage Park, Montezuma Anchorage Paddle Camp, Montezuma Audubon Center	Montezuma National Wildlife Refuge (located near Southeast corner of project area), Galen Wildlife Management Area	Macedon Canal Park, Bullis Park, Gravino Park,
<b>D.1. Proposed &amp; Potential Development</b>			
b.	Up to approximately 145.3 acres	Up to approximately 1766.7 acres	Up to approximately 685.4 acres
b.b.	Up to approximately 145.3 acres	Up to approximately 1766.7 acres	Up to approximately 685.4 acres
<b>E.1. Land Uses on and Surrounding the Project Site</b>			
a. Existing land uses	Forest, Aquatic, Agricultural, Residential	Commercial, Residential, Forested, Agriculture, Aquatic	Forest, Agricultural, Commercial, Aquatic, Residential, Open Space
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 1 acres; Approximately 1 acres; N/A	Approximately 35 acres; Approximately 35 acres; N/A	Approximately 29 acres; Approximately 29 acres; N/A
b. (continued) Forested	Approximately 71 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 1,269 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 125 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 1 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	0 acres; N/A; N/A	0 acres; N/A; N/A
b. (continued) Agriculture	Approximately 13 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.	Approximately 15 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Surface water features	Approximately 28 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 26 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 196 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Wetlands	Approximately 33 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 311 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) Non-vegetated	0 acres	0 acres; N/A; N/A	0 acres; N/A; N/A
b. (continued) Other	0 acres	Approximately 24 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 128 acres - open space/parks, residential with mowed lawns; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
d.	No	No	Yes
d.i.	There is not any facilities within 1,500 feet of the project area.	There is not any facilities within 1,500 feet of the project area.	Wayne Arc, Bickford Home for Adults


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

	Town of Savannah	Town of Galen	Town of Macedon
e.	No	Yes - Name of Dam: Dam At Lock E 26 State ID: 057-4385	Yes - Name of Dam: Lock 29 Dam Barge Canal State ID: 045-4821
e.i.	NA	"Dam Height: 28feet Dam Length: 440feet Surface Area: 0 acres Volume Impounded (Normal Storage): 2,674 acre-feet"	Dam Height: 23 feet Dam Length: 69 feet Surface Area: 70 acres Volume Impounded (Normal Storage): 1,050 acre-feet
e.ii.	NA	Dam existing hazard condition = A - Low Hazard	Dams existing hazard condition = A - Low hazard
e.iii.	NA	Most recent inspection = 09/10/2013	Most Recent Inspection: 6/29/2016
h.	No	No	Yes
h.i.	NA	NA	Yes - Environmental Site Remediation Database C859025
h.ii.	NA	NA	Yes - 2 sites reporting to EPA: --Pliant Llc --Mobil Chemical Films Scaleup Hazardous Waste Generator: Conditionally Exempt Small Quantity Generator
h.iii.	NA	Yes - 859015 (In the Village of Clyde not within the Town of Galen)	Yes - C859025, 859005, 828014, 859007


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

	Town of Savannah	Town of Galen	Town of Macedon
<p>h.iv. Land uses on and surrounding the project site</p>	<p>NA</p>	<p>No spills within project area --- Site Code: 859015 Hazardous Waste Disposal Period From: 1941 To: 1965</p>	<p>Site Name: Macedon Films Site Code: C859025 Certificate of Completion 12/20/2013 --- Site Name: Pulcini Scavenger Wastes Site Code: 859005 A Preliminary Site Assessment (PSA) was completed in 1993. samples were analyzed and the results did not indicate any hazardous wastes defined by 6 NYCRR part 371. --- Site Name: High Acres Landfill (Closed portion) Site Code: 828014 Continued long-term monitoring and maintenance is ongoing under an active Part 360 permit and administered by the Division of Solid and Hazardous Materials. No further remedial actions are required at this time --- Site Name: Macedon Landfill Site Code: 859007 NYSDEC Phase I Investigation (1989) and an NYSDEC Phase II Investigation (1992). The results of the Investigations could not document the disposal of hazardous waste at this site. The Phase II Investigation has demonstrated that groundwater and surfacewater are contaminated at this site. However, the contamination can not be attributed to disposal of hazardous waste.</p>
			<p>Site Name: Macedon Films Site Code: C859025 Control Types: Environmental easement, land use restriction, site management plan, IC/EC plan --- Site Name: Pulcini Scavenger Wastes Site Code: 859005 Control Types: Unknown --- Site Name: High Acres Landfill (Closed portion)</p>


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

	Town of Savannah	Town of Galen	Town of Macedon
h.v.	NA	No	Site Code: 828014 Continued long-term monitoring and maintenance is ongoing under an active Part 360 permit and administered by the Division of Solid and Hazardous Materials. No further remedial actions are required at this time --- Site Name: Macedon Landfill Site Code: 859007 NYSDEC Phase I Investigation (1989) and an NYSDEC Phase II Investigation (1992). The results of the Investigations could not document the disposal of hazardous waste at this site. The Phase II Investigation has demonstrated that groundwater and surfacewater are contaminated at this site. However, the contamination can notbe attributed to disposal of hazardous waste.
<b>E.2. Natural Resources On or Near Project Site</b>			
a.	Average Depth to Bedrock = 2.62 Feet	Average Depth to Bedrock = 603 feet	Average Depth to Bedrock = 6.67 feet (all soils 80 inches or more)
c.	CFL = Cut and fill land - 47.9% Me = Martisco Muck - 29.9% Wd = Wayland soils complex - 0.9% W = Water = 20.7%	CFL = Cut and fill land - 42.8% Wd = Wayland Soils Complex - 9.3% Te = Teel silt loam - 6.1% -- W = Water = 26.2%	CFL = Cut and fill land - 37.5% Cd = Carlisle muck - 5.9% OSE = Ontario gravelly loam - 3.2% W = Water = 32.5%
d.	average depth to water table = 11.44 feet	Average Depth to Watertable = 2.76 feet	Average Depth to Watertable = 7.63 feet
e.	Well drained = 0.0% of the site Moderately well drained = 48.0% of the site Poorly drained = 0.9% of the site  Very poorly drained = 30.3% Water = 20.7%	Well drained = 1.9% of the site Moderately well drained = 52.5% of the site Poorly drained = 10.6% of the site -- Very Poorly Drained = 4.5% Somewhat excessively drained = 0.7% Somewhat poorly drained = 3.7% -- Water = 26.2%	Well drained = 5.7% of the site Moderately well drained = 41.9% of the site Poorly drained = 4.2% of the site -- Very Poorly Drained = 8.4% Somewhat excessively drained = 6.0% Somewhat poorly drained = 1.4% Excessively Drained = 0.1% -- Water = 32.5%
f.	0-10% = 79.2% 10-15% = 0.0% 15 or greater = 0.0% Water = 20.7 %	0-10% = 73.3% of the site 10-15% = 0.5% of the site 15% or greater = 0.1% of the site Water = 26.2% of the site	0-10% = 59.5% of the site 10-15% = 1.9% of the site 15% or greater = 6.1% of the site Water = 32.58% of the site


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

	Town of Savannah	Town of Galen	Town of Macedon
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	<p>Streams: 898-124, 898-1, 898-118 Classification: C Wetlands: Federal and State Wetlands Town of Savannah (West side) NYSDEC Wetlands: SF-30, SA-31 NYS Wetland (in acres): Approximately 5329.1, NYS Wetland (in acres): Approximately 136.9</p>	<p>Stream = 898-120, 898-124 Classification C Wetlands = Federal and State Wetlands -- Federal Wetlands = PEM1E, PEM5E, PEM5Fh, PEM1/SS1E, PFO1E, PSS1/FO1E, PSS1E, PSS1/EM1Ed, PSS1/EM1e, PSS1/EM5E, PFO1A, PFO1/SS1E, PABG, PABHh, PUBHx, PUBH, R2UBHx, R2UBH, R2ABH, R5UBH -- (West side of the Town of Galen) NYSDEC Wetlands = LN-31, LN-32, LN-22, LN-21, LN-29, LN-18 NYS Wetland (in acres): Approximately 23.8, NYS Wetland (in acres): Approximately 25.3, NYS Wetland (in acres): Approximately 1307.3, NYS Wetland (in acres): Approximately 300.5, NYS Wetland (in acres): pproximately 37.0, NYS Wetland (in acres): approximately 264.4 -- (East side of the Town of Galen) NYSDEC Wetlands = SF-30, SA-31, SA-2, SA-32, SA-19, SA-29, SA-26, SA-25, SA-27 NYS Wetland (in acres): Approximately 5329.1, NYS Wetland (in acres): Approximately 136.9, NYS Wetland (in acres): Approximately 104.8, NYS Wetland (in acres): Approximately 37.3, NYS Wetland (in acres): Approximately 104.0, NYS Wetland (in acres): Approximately 413.8, NYS Wetland (in acres): Approximately 97.5, NYS Wetland (in acres): Approximately 21.8, NYS Wetland (in acres): Approximately 169.4</p>	<p>Streams = 898-155, 846-78, 898-174, 898-131 Classification C Wetlands Federal and State Wetlands Federal Wetlands = PFO1/SS1E, PFO1E, PSS1/EM5F, PSS1/EM5A, PFO1C, L1UBHx, L2USC, PEM1/5E, PEM5E, PEM5F, State Wetlands = MA-16 (82.1 acres), PR-2 (Approximately 674.1 acres)</p>
h.v.	Yes - Name: Pollutants - Uses: Crane Brook and tribs - Salts - Aquatic Life	No	Yes - Pollutants-Uses: NYS Barge Canal (portion 5) - DO / Oxygen Demand - Aquatic Life
i.	Yes	No	No - no information offered on FEMA
j.	Yes	No	Yes
k.	No	No	No - no information offered on FEMA
l.	No	Yes	Yes
l.i.	NA	Principal Aquifer	Principal Aquifer
n.	Yes	Yes	No
n.i.	Floodplain Forest, Inland Salt Marsh	Floodplain Forest, Shrub Swamp	NA
n.ii.	NA	NA	NA
n.iii.	1807.0, 0.0 acres	710.0, 9.0 acres	NA

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


	Town of Savannah	Town of Galen	Town of Macedon
o.	Yes - Town of Savannah is within a Rare Plants or Animals / Significant Natural Community - Button-bush Dodder - Sartwell's Sedge -- Yes - Bald Eagles, Black Terns, Short-eared Owl, Indiana Bat, Least Bittern -- IPAC - Indiana bat and Northern long-eared bat	Yes - Town of Galen is within a Rare Plants or Animals / Significant Natural Community - vicinity of a great blue heron rookery - Not listed by NYS --- IPAC = Northern Long-eared Bat, Bog Turtles --- Bald Eagle, Black Tern, Short-eared Owl	Yes - Town of Macedon is within a Rare Plants or Animals / Significant Natural Community - Yellow Giant-Hyssop (Threatened), Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS -- IPAC = Northern Long-eared Bat
p.	Yes - Town of Savannah is within a Rare Plants or Animals / Significant Natural Community - Button-bush Dodder - Sartwell's Sedge	Town of Galen is within a Rare Plants or Animals / Significant Natural Community - vicinity of a great blue heron rookery - Not listed by NYS	Yes - Town of Macedon is within a Rare Plants or Animals / Significant Natural Community - Yellow Giant-Hyssop (Threatened), Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS
<b>E.3 Designated Public Resources On or Near Project Site</b>			
a.	Yes - WAYN001, SENE006, CAYU005	Yes - WAYN001	Yes - WAYN001
b.	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor
b.i.	NA	NA	NA
b.ii.	NA	NA	NA
c.	No	No	No
c.i.	NA	NA	NA
c.ii.	NA	NA	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	Historical Building or District	Historic Building or District
e.ii.	New York State Barge Canal Historic District (14NR06559)	New York State Barge Canal Historic District (14NR06559)	New York State Barge Canal Historic District (14NR06559)
e.iii.	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office
f.	Yes	Yes	Yes
g.	No	No	No

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


	Town of Savannah	Town of Galen	Town of Macedon
g.i.	NA	NA	NA
g.ii.	NA	NA	NA
h.	No	Yes - Clyde River by NPS Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.) Reach: Creager Bridge to west of Clyde River Miles: 10 Outstandingly Remarkable Value: Historic Year Listed/Updated: 1982	No
h.i.	NA	Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.)  Reach: Creager Bridge to west of Clyde  River Miles: 10  Outstandingly Remarkable Value: Historic  Year Listed/Updated: 1982	NA
h.ii.	NA	Scenic River listed by NPS	NA
h.iii.	NA	Immediately Adjacent to the project area, Within the western portion of the project area (West side of the Town of Galen, bordering the Village of Clyde)	NA
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 Lyons	Town of Palmyra	Town of Arcadia
<b>B. Government Entity and Agency/Approval</b>			
i. (i.i.)	Yes	Yes	Yes
i.ii.	No	No	No
i.iii.	No	No	No
<b>C.2. Adopted Land Use Plans</b>			
a.	C.2.a (1) No - Comprehensive Plan -- C.2.b (2) - N/A	C.2.a (1) Yes - Comprehensive Plan 2004 - Parks/Recreation/Conservation -- C.2.b (2) - The comprehensive plan contains few recommendations fir the Erie Canal Corridor. One proposed action includes supporting the efforts of the NYSCC to construct segments of the Erie Canalway Trail in the village, particularly the segment between Division Street and the Arcadia Town Boundary. the Comprehensive Plan also contains a recommended action for the village to sponsor and encourage community, cultural and recreational events and activiies at the Port of Palmyra marina on the Erie Canal.	C.2.a (1) Yes - the Village of Newark / Town of Arcadia have a comprehensive land use plan --- C.2.a (2) - The comprehensive plan discusses ways to capitalize on the presence of the Erie Canal, and incudes recommendations on developing ways to initiate and implement an LWRP along the Erie Canal. The plan also mentions a goal to identify and evaluate ways to develop and promote the 30 acres of land on the north side of the Canal owned by NYSCC and designated as an UDS.The plan further mentions a goal of seeking grant funds to to develop more and improve existing local tourist attractions along the Erie Canal. The plan mentions a goal of competing the Erie Canal trail between Lyons and Newark/Arcadia. Lastly, the comp plan includes a goal of encouraging owners of commercial and industrial properties along the Erie Canal to incorporate design features that provide pedestrian and visual access to the Erie Canal.
b.	Yes - NYS Heritage Areas: West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor	Yes - NYS Heritage Areas:West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor	Yes - NYS Heritage Areas: West Erie Canal Corridor. NPS Erie Canalway National Heritage Corridor
c.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.	Yes - All of Wayne County has an Agricultural and Farmland Protection Plan - which includes "Small Growth Principles" Small Growth land use term to preserve OPEN SPACE AND FARMLAND by focusing development nearer to population centers, traffic corridors and existing infrastructure.
<b>C.3 Zoning</b>			
a.	According to the Generalized Land Use Zoning in Wanye County Map Lyons is Agricultural/Residential, Lower Density Residential, Industrial, Commercial/business.	Yes - The current Zoning District Map is on file in the office of the Town Clerk. According to the Generalized Land Use Zoning in Wanye County Map the Town of Palmyra is Agricultural/Residential, Lower Density Residential, Commercial/Business.	Yes - The current Zoning District Map is on file in the office of the Town Clerk. According to the Generalized Land Use Zoning in Wanye County Map the town of Arcadia is Agricultural, Commercial/Business, Industrial, Lower Density Residential.
<b>C.4 Existing Community Services</b>			
a.	Lyons Central School District	Palmyra-Macedon Central School District and Newark Central School District	Newark Central School District and Lyons Central School District
b.	NYS Police Department	Palmyra Police Department	Arcadia Code Enforcement/Newark Police Department


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

	Town of Lyons	Town of Palmyra	Town of Arcadia
c	Lyons Fire Department , Newark/Wayne Community Hospital	Palmyra Fire Department - Palmyra Family Medicine - Thompson Health Urgent Care Newark - Newark-Wayne Community Hospital	Newark Volunteer Fire Department, Newark-Wayne Community Hospital, Newark-Arcadia Volunteer Ambulance, Thompson Health Urgent Care Newark
d	Wayne County Park Dept, Abbey Park, Lyons Park	Pal-Mac Aqueduct County Park, Swift Landing County Park	Colburn Park, T. Spencer Night Canal Port, Elliott Park, Blue Cut Nature Center, Widewaters Canal Park
<b>D.1. Proposed &amp; Potential Development</b>			
b.	Up to approximately 511.5 acres	Up to approximately 712.1 acres	Up to approximately 335.7 acres
b.b.	Up to approximately 511.5 acres	Up to approximately 712.1 acres	Up to approximately 335.7 acres
<b>E.1. Land Uses on and Surrounding the Project Site</b>			
a. Existing land uses	Forest, Industrial, Agricultural, Commercial, Aquatic, Residential, Urban	Residential, Rural, Forested, Agricultural, Aquatic	Commercial, Residential, Forest, Aquatic, Agricultural
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 46 acres; Approximately 46 acres; N/A	Approximately 81 acres; Approximately 81 acres; N/A	Approximately 29 acres; Approximately 29 acres; N/A
b. (continued) Forested	Approximately 190 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 108 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) Meadows, grasslands or brushlands	Approximately 24 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 25 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 8 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Agriculture	Approximately 15 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 8 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 6 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Surface water features	Approximately 106 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 244 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 154 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Wetlands	Approximately 69 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 145 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 62 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
b. (continued) Non-vegetated	NA	Approximately 20 acres; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	0 acres; N/A; N/A
b. (continued) Other	Approximately 62 acres = residential properties with maintained lawns; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 82 acres = residential properties with maintained lawns ; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.	Approximately 22 acres - residential / mowed lawns; TBD since acreage after project completion cannot be determined as this will be dependent on maintenance activity.
d.	Yes	Yes	Yes
d.i.	Within 1,500 feet of Project Site: Little Wonders Kid Center, Wayne County Nursing Home, Lyons Manor, Wayne Arc	Within 1,500 feet of Project Site: Palmyra Family Medicine, Towpath Manor Apartments (Senior Living 62	Within 1,500 feet of Project Site: Candy apple preschool center, Thompson Health Urgent Care Newark, Wayne County Nursing Home


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

	Town of Lyons	Town of Palmyra	Town of Arcadia
e.	Yes - Name of Dam: Dam At Lock E 27 State ID: 057-4384	No	No
e.i.	Dam Height: 23feet Dam Length: 169feet Surface Area: 82acres Volume Impounded (Normal Storage): 1,250 acre-feet	NA	NA
e.ii.	Dams existing hazard condition = A - Low hazard	NA	NA
e.iii.	Most Recent Inspection: 9/10/2013	NA	NA
h.	Yes	Yes	No
h.i.	Yes - Spills Incident Database - #1711717, #1804440	Yes - Site Incident database - #1709155, #1709874, #1802002, #1805978, #1806617	NA
h.ii.	NA	NA	NA
h.iii.	Yes - 859020, 859018	Yes - 859022, C859001, C859027, C859028	NA


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

	Town of Lyons	Town of Palmyra	Town of Arcadia
<p>h.iv. Land uses on and surrounding the project site</p>	<p>Spill Incidents Database:                      #1711717 = Not closed                      #1804440 = Date Spill Closed: 07/26/2018                      ---                      Site Name: NYSEG - Lyons MGP                      Site Code: 859020                      A spill reported for this location in September 2000 involved a tank pull and small dig out and was closed not meeting standards. The nature of these impacts and the location of the wells in relation to the groundwater flow direction (side gradient) indicate that these are attributable to activities from the former service station. Special Resources Impacted/Threatened: The site is located in the center of the Town of Lyons. The NYS Barge Canal is located 225 feet to the south of the site. No impacts from the site have been observed reaching the canal.                      ---                      Site Name: Cole Road Dump                      Site Code: 859018                      Program: State Superfund Program                      Classification: N *                      Address: Cole Rd opposite 200 Cole                      City: Lyons Zip: 14489                      County: Wayne                      Latitude: 43.055064961                      Longitude: -76.973286134                      Description Not Available</p>	<p>Spill Incident Data Base:                      #1709155 - 3849 State RT 31 - Closed 02-01-2018                      #1709874 - 3849 State RT 31 - Closed 01-29-2018                      #1802002 - 3849 State RT 31 - Not Closed                      #1805978 - 3849 State RT 31 - Not Closed                      #1806617 - 3849 State RT 31 - Not Closed                      ----                      Site Code: 859022                      Hazardous Waste Disposal Period                      Preliminary sediment investigations indicate that the site and/or upstream fueling facilities have impacted adjacent Mill Creek. The nature and extent of sediment impacts will be further investigated.                      ----                      Site Code: C859001                      Program: Brownfield Cleanup Program                      A Certificate of Completion was issued on December 26, 2006.                      ----                      Site Code: C859027                      A Certificate of Completion (COC) for the Gylon site was issued by the NYSDEC on December 31, 2008                      ----                      Site Code: C859028                      A Certificate of Completion was issued on December 30,</p>	<p>Nothing reported on th Spills Incident Data Base nor the NYSDEC Environmental Site Remediation Database</p>
	<p>Yes - Site 859020 possesses a Record of Decision (ROD) that requires implementation of a remedial design program, in-situ</p>	<p>Yes - Site 859022 possesses a Record of Decision (ROD) that requires implementation of a remedial design program, excavation and off-site disposal of contaminated soils exceeding 500 ppm of PAH's, in-situ solidification of former MGP structures, construction and maintenance of a containment barrier, construction of a NAPL collection system, green remediation, imposition of institutional controls including periodic certification of institutional/engineering controls, land use restrictions, groundwater use restrictions and implementation of a site management plan. Project will not affect institutional or engineering controls that will be employed.</p>	


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

	Town of Lyons	Town of Palmyra	Town of Arcadia
h.v.	solidification, excavation and off-site disposal of ~3,460 CY of contaminated soils, installation of a cover system imposition of institutional controls including periodic certification of institutional/engineering controls, imposition of an environmental easement, land use restrictions and implementation of a site management plan. Project will not affect institutional or engineering controls that will be employed.	Site C859001 - possesses institutional controls, including an environmental easement. Engineering controls include ground water use restriction, vapor mitigation, a soil management plan and a site management plan  Site C859027 - possesses institutional controls, including an environmental easement. Engineering controls include ground water use restriction, vapor mitigation, land use restriction, a soil management plan and a site management plan  Site C859028 - possesses institutional controls, including an environmental easement. Engineering controls include ground water use restriction, vapor mitigation, cover system, monitoring plan, O+M plan, IC/EC plan, land use restriction, a soil management plan and a site management plan	No
<b>E.2. Natural Resources On or Near Project Site</b>			
a.	Average Depth to Bedrock = 5.64 Feet	Average Depth to Bedrock = 6.2 feet	Average Depth to Bedrock = 5.5 feet
c.	CFL = Cut and fill land - 60.3% Lk = Lakemont silty clay loam - 4.5% LoA = Lockport and Brockport silty clay loams- 3.4% W = Water = 23.7%	CFL - Cut and fill land = 23.0% Wd - Wayland soils complex = 14.6% PcA - Palmyra gravelly loam = 6.7% Water = 35.4%	Cut and fill land (CFL) = 24.7% Lamson very fine sandy loam (Lm) = 18.8% Fresh water marsh (FW) = 10.6% Water (W) = 30.1%
d.	Average Depth to Watertable = 3.16 feet	Average depth to water table = 3.4feet	average depth to watertable = 3.65 Feet
e.	Well drained = 1.4% of the site Moderately well drained = 63.4% of the site Poorly drained = 4.5% of the site -- Very Poorly Drained = 1.0% Somewhat excessively drained = 0.5% Somewhat poorly drained = 5.5% -- Water = 23.7%	Well Drained = 8.5% of site Moderately well drained = 27.0% of site Poorly Drained = 15.4% of site  Very poorly drained = 7.5% Somewhat excessively drained = 4.1% somewhat poorly drained = 2.0% Excessively drained = 0.0%  Water = 35.4 %	Well drained = 2.7% Moderately well drained = 31.1% Poorly Drained = 3.7%  Water = 30.1%  Very poorly drained = 29.8% Somewhat excessively drained = 0.0% somewhat poorly drained = 1.9% Excessively drained = 0.6 %
f.	0-10% = 74.8% of the site 10-15% = 0.3% of the site 15% or greater = 1.2% of the site Water = 23.7% of the site	Approx slopes: 0-10% = 48.3% 10-15% = 1.3% 15% or Greater = 0.3%  Water = 35.4%	0-10% = 66.8% of the site 10-15% = 1.3% of the site 15% or greater = 1.7% of the site Water =30.1% of the site


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

	Town of Lyons	Town of Palmyra	Town of Arcadia
g.	No	No	No
h. (h.i.)	Yes	Yes	Yes
h.ii.	Yes	Yes	Yes
h.iii.	Yes	Yes	Yes
h.iv.	Steams: 898-133, 898-474, 898-120, 898-129, 898-121, 898-128, Classification C(T) Wetlands: Federal and State Wetlands Federal Wetlands = PEM1E, PEM1C, PFO1E, PFO1/EM1E, PSS1/EM1E, PSS1E, PUBHx, L1UBHx, R2UBHx, R2UBH, R5UBH State Wetlands = NE-36, LN-25 NYS Wetland (in acres): Approximately 397.9, NYS Wetland (in acres): Approximately 20.2	Streams: 898-149, 898-147, 898-144, 898-130, 898-474, 898-131, 898-155 Classification C Wetlands: Federal and State Wetlands Federal Wetlands = PEM1E, PEM1/SS1A, PEM1/5E, PEM1F, PFO1E, PSS1/EM1E, PFO5Hx, PFO1A, PFO1C, PUBHx, PUBHh, L1UBHx, R2UBH, R5UBH, R4SBC Name of State Wetland = Town of Palmyra (West Side) = PA-31, NYS Wetland (in acres): Approximately 99.6 Town of Palmyra (East side) = PA-21, PA-20, PA-39, PA-37 - NYS Wetland (in acres):65.3, NYS Wetland (in acres): Approximately 39.9, NYS Wetland (in acres): Approximately 172.3, NYS Wetland (in acres): Approximately 26.1	Streams: 898-474,898-145,898-144, 898-133 - Classification C, C(T) Wetlands = Federal and State Wetlands Federal Wetlands = PEM1E, PEM1/SS1E, PFO1E, PSS1/EM1E, PSS1E, PFO1a, L1UBHx, R4SBC, R2UBH, R5UBH Town of Arcadia (west side) PA-39 = NYS Wetland (in acres): Approximately 172.3 Town of Arcadia (east side) NE-36 = NYS Wetland (in acres): Approximately 397.9
h.v.	Yes - Name-Pollutants - uses:NYS Barge Canal (Portion5) DO / Oxygen Demand - Aquatic Life	Yes - Pollutants - uses:NYS Barge Canal (Portion5) DO/Oxygen Demand - Aquatic Life	Yes - Pollutants - Uses:NYS Barge Canal (Portion 5) - DO / Oxygen Demands = Aquatic Life
i.	No - FEMA Zone C	No - FEMA Zone X	No - FEMA Zone C
j.	No - FEMA Zone C	No - FEMA Zone X	No - FEMA Zone C
k.	Yes - FEMA Zone C	Yes - FEMA Zone X	Yes - FEMA Zone C
l.	Yes	Yes	Yes
l.i.	Principal Aquifer	Principal Aquifer	Principal Aquifer
n.	No	No	No
n.i.	NA	NA	NA
n.ii.	NA	NA	NA
n.iii.	NA	NA	NA

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

	Town of Lyons	Town of Palmyra	Town of Arcadia
o.	Yes - Bald Eagle Yes - Town of Lyons is within a Rare Plants or Animals - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS -- IPAC = Northern Long-eared Bat	Yes - Bald Eagle -- Yes - Town of Palmyra is within a Rare Plants or Animals - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS -- IPAC = Northern Long-eared Bat	Yes - Bog Turtle is listed by the DEC EAF Mapper however no habitat or occurrences are mapped in the DEC Environmental Resource Mapper -- The Town of Arcadia is not within a Rare Plants or Animals / Significant Natural Community -- IPAC = Northern Long-eared Bat
p.	Town of Lyons is within a Rare Plants or Animals - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS	Town of Palmyra is within a Rare Plants or Animals - Located within the vicinity of Rare Freshwater Mussels - Not Listed by NYS	No
<b>E.3 Designated Public Resources On or Near Project Site</b>			
a.	Yes - WAYN001	Yes = WAYN001, ONTA008	Yes - WAYN001
b.	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor	Yes - Some soils throughout project area are considered "Prime farmland" however it is within Canalway Corridor
b.i.	NA	NA	NA
b.ii.	NA	NA	NA
c.	No	No	No
c.i.	NA	NA	NA
c.ii.	NA	NA	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	Historical Building or District
e.ii.	New York State Barge Canal Historic District (14NR06559); Broad Street - Water Street Historic District (90NR02283); Hotchkiss, H.G., Essential Oil Company Plant; (90NR02284); Lyons Downtown Historic District (17NR00090).	New York State Barge Canal Historic District (14NR06559) and Palmyra Village Historic District	New York State Barge Canal Historic District (14NR06559)
e.iii.	The historic districts are listed with the New York State Historic Preservation Office	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office --- NR Building Listings NR Number: 08NR05945 Name: Palmyra Village Historic District City Town: Palmyra County: Wayne	The New York State Barge Canal is listed as a Historic District with the New York State Historic Preservation Office
f.	Yes	Yes	Yes
g.	No	No	No

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

	Town of Lyons	Town of Palmyra	Town of Arcadia
g.i.	NA	NA	NA
g.ii.	NA	NA	NA
h.	Yes - Clyde River by NPS Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.) Reach: Creager Bridge to west of Clyde River Miles: 10 Outstandingly Remarkable Value: Historic Year Listed/Updated: 1982	No	No
h.i.	Description: Historic-(Within the segment is a portion of the Erie Canal which was the first major U.S. Canal project and most important engineering undertaking of the early 19th century.)  Reach: Creager Bridge to west of Clyde  River Miles: 10  Outstandingly Remarkable Value: Historic  Year Listed/Updated: 1982	NA	NA
h.ii.	Scenic River listed by NPS	NA	NA
h.iii.	Eastern end of the project area is within 5 miles the starting tip of Clyde River	NA	NA
i.	No	No	No
i.i.	NA	Na	NA
i.ii.	NA	NA	NA