

**EIGHTEENMILE CREEK WATERSEHD**  
**PROJECT CATALOGUE**

<b>Responsible Agency</b>	<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>Time Frame</b>
Niagara County	Habitat	Eighteenmile Creek Streambank Stabilization & Habitat Restoration Project	To begin the restoration of the chemical, physical and biological integrity of the Eighteenmile Creek AOC.	2001-2004  Recently Completed
Ecology & Environment Inc.	Habitat	Restoration Monitoring Plan for Habitat Restoration Project	To present possible techniques required to monitor the stability and functionality of the restoration measures	2005-  Ongoing
Ecology & Environment Inc.	Habitat	Planting Plan for Eighteenmile Creek Restoration Area	To direct the planting of vegetation within the active restoration area, and along the access trail.	2003-2004  Recently Completed
Ecology & Environment Inc.	Habitat	Baseline Habitat Characterization & Threatened & Endangered Species Coordination	To characterize the baseline habitat conditions and presence of Endangered species in the Area of Concern.	2001-2003  Completed
Ecology & Environment Inc.	Habitat	Eighteenmile Creek Stream Classification	To determine potential success of specific restoration measures.	2001-2003  Completed
NYSDEC	Sediment	Flintkote Plant Site Sediment Sampling	To assess sediment contamination levels near the Flintkote Plant Site	2002  Completed
NYSDEC	Sediment	Water Street Properties Sediment Sampling	To assess sediment contamination levels of Water Street properties near the Flintkote Plant site	2002-2003  Completed
NYSDEC	Sediment	Eighteenmile Creek Sediment Site Investigation	To assess sediment contamination levels in Eighteenmile Creek, from the NY barge Canal inlet to the Clinton St. bridge.	April 2005 Ongoing
SUNY Brockport	Aquatic Organisms	Area of Concern Planktonic Community Study	To determine the health of the planktonic community in the AOC.	2002  Completed

USACE	Sediment	Olcott, NY Reconnaissance Report	Alternatives measures in response to parallel jetties north of Olcott Harbor	2003 Completed
USACE		Evaluating Watershed Management Tools	To assist planning agencies better manage the watershed and improve conditions in the AOC	2004 Ongoing
USACE	Sediment	Sediment Data Collection & Land-Use GIS Development	To collect appropriate suspended sediment data needed to properly calibrate the Eighteenmile Creek Watershed models	2004 Ongoing
USACE	Water Quality	Inventory Study of Eighteenmile Creek	To identify sources of previously-observed water quality problems, develop remediation plans to improve water quality	2004 Ongoing
USACE	Sediment	Bioaccumulation Assessment of Surface Sediments	To assess the bioavailability of contaminants in surface sediments.	2004 Ongoing
Buffalo State College	Sediment	Sediment Transport Modeling	To support state and local measures that will reduce the loading of sediments and pollutants to navigation channels and AOC's.	October 2005 Ongoing
NCSWCD	Sediment/Water Quality	Eighteenmile Creek Baseline & Storm Event Sediment & Nutrient Load Monitoring	To monitor water quality and nutrient loads in the creek	2004-2005 Ongoing
Buffalo State College	Sediment/Water Quality	Sediment & Nutrient Load Monitoring	To monitor water quality and nutrient loads in the creek	2004 Ongoing
NYSDEC	Water Quality	"RIBS Sampling" Rotating Intensive Basin Study	Eighteenmile Creek Watershed ambient water quality evaluated and assessed.	Ongoing
NCSWCD	Various	Eighteenmile Creek Agricultural Environmental Management Stage I & II	Establishes a foundation for identifying (BMP's) required to address farm needs. It also establishes a framework for providing farmers with financial, technical and other assistance.	2003 Ongoing

Erie County Department of Planning	Storm Water	“WNY Storm Water Pollution & Prevention Implementation Project”	41 regulated MS4’s will collaborate on outreach, education, training programs and local ordinance development	2004-2007  Ongoing
Niagara County	Hazardous Waste	Household Hazardous Waste Drop Off Days	4 times annually, Niagara County residents are able to drop off various household hazardous wastes that would otherwise be neglected.	Ongoing
USACE	Sediment	Development of GIS coverage’s to document and visualize sediment quality in Eighteenmile Creek	To develop remediation plans to improve water quality, solicit community involvement, and organize new and existing data into a GIS system.	2004  Ongoing
NYSDEC	Aquatic Organisms	NYSDEC Fish Stocking Program	Every year, the NYSDEC stocks releases thousands of fish at Olcott Harbor which migrate into Eighteenmile Creek	Ongoing (annually)
Niagara County	Aquatic Organisms	Fish Raising Project	Salmon and trout are to be raised in Eighteenmile Creek and released in Lake Ontario and Olcott Harbor.	2005