

MONROE COUNTY

Educational Program	Brief Description	Goals of the Program	Target Audience	Contact Information
Honey Creek Committee working environmental club	Penfield High Environmental Club, Penfield Trails, and DEC work together to improve water quality in Honey Creek by picking up litter, fallen trees, and overgrowth	Improve quality of Honey Creek, enhance hiking trails	Adults, young adults	Rob Unkless, Penfield High School Science Teacher, Jim Britt, Penfield Trails
Friends of the Genesee	Discover the river as a recreational resource	Build and identify recreational stakeholders	Adult recreation, kayak and canoe	Laura E. Arney (585)334-8548, Sue Mihalyi (585) 271-7713
"A River Runs Through Us"	Boat tour and water quality testing on the Genesee River and Erie Canal	Educate students and adults about water quality issues	School classrooms and teachers	Jen Pond, Rochester Museum & Science Center, (585) 271-4552
Water Education Collaborative Noreen Mazuraowski, (585) 271-4552 ext. 324 Rochester Museum & Science Center				
"A Waltz through the Watershed" play	10 minute plays presented throughout the year at Rochester Museum & Science Center and special events	Educate students and adults about water quality issues	Children and adults	Noreen Mazuraowski
Water Education Collaborative web site: www.thewec.org	Useful information about water quality protection	Provide a resource for water quality information to general public	Teachers, classrooms and general public	Noreen Mazuraowski,
Presentations to schools, scouts, and community groups upon request; conference presentations	Topics focus on water quality of Lake Ontario and Genesee River and the Watershed	To increase understanding of water quality issues and how people can help protect water quality	Children and adults	Noreen Mazurowski
Annual International Coastal Clean-up	Volunteers collect and document litter along the Genesee River and Lake Ontario	To reduce litter and bring awareness to the problem	General public, Scouts, 4-H service organizations	Noreen Mazurowski
Shoremont Water Treatment Plant Tours	Tour of treatment plant	Water treatment, drinking water source information	Children, scouts, and schools	May Leone, Monroe County Water Authority (585)442-2000 ext. 500
Van Lare Wastewater Treatment Facility	Tour of facility	Awareness of process of wastewater treatment	Students, residents, scouts, 4-H, teachers	Manny Burgio (585) 760-7610 ext. 7091

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Tinker Nature Park/Hansen Nature Center (585) 359-7044				
Marsh Study	Sampling of water in our marsh – looking at organisms	Exposure of students to organisms living in a marsh	Students 3 rd – 12 th grade	Judy Spring
Habitat Study	Measurements taken in 4 different Habitats – pond, marsh, field, woodlands	Comparison of 4 habitats with regard to diversity of plants and animals and adaptations for living in each habitat.	Students – 4 th and 5 th grades	Judy Spring
Cornell Cooperative Extension, Monroe County (585) 461-1000				
Conservation Field Days	6 th grade students attend a series of rotations to learn about the environment	Career awareness, environmental awareness	Middle school students, teachers	Margo DiLella ext. 230 and Karen Ervay, SWCD (585) 473-2120 ext. 3
SAREP – Sportfishing and Aquatic Resources Education Program	Inclusive fishing and environmental awareness youth development program curriculum	Teach fishing skills, understand habitats, learn how water quality effects habitat and animals	Youth, adult and teen leaders of the program, teachers	Margo DiLella, ext. 230
Storm Drain Stenciling	Stencil storm drains with message “Don’t Dump”	To prevent hazardous chemicals; lawn clippings, motor oil from entering the storm drain	General public	Kimie Romeo, ext. 252
Great Lawns/Great Lakes	Through community presentations and displays, educate homeowners about environmentally friendly lawn care practices and the effects their lawn care practices have on water quality	Reduce the use of pesticides, fertilizers with phosphorus, and excessive fertilizing. Eliminate grass clippings, leaves and garden debris from entering storm drains.	Homeowners and municipalities in Monroe County	Kimie Romeo, ext. 252
League of Women Voters Chris Fredette, (585) 425-8539				
Wetlands Demonstration Model	Volunteers take model to groups of children and demonstrate how wetlands work	To increase appreciation of the value and functions of wetlands	Children K – 6, Scouts	Chris Fredette

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Small Wetlands Project	To educate Town Governments on the values, functions of wetlands and understand the worthiness of protecting them	To encourage Towns to protect wetlands smaller than 12.4 acres	Town Governments in Monroe County	Chris Fredette
Canandaigua Lake: Protecting our Vital Resource (video/DVD)	Highlights important topics on watershed preservation for all lakes	To educate interested parties to preserve the water quality of all lake-related natural resources	Students, homeowners, farmers, civic organizations and municipalities	Michael Storonsky, Rochester Committee for Scientific Information (585) 475-1440 X 760, www.rcsiweb.org
Marsh Monitoring Program	Volunteers count bird and amphibian populations in wetlands	To assess health of wetlands around the Great Lakes	Scientists and interested adults	Kathy Jones, Bird Studies Canandaigua (519) 586-3531
"Our Fragile World" Annual Event	Environmental displays and games used to educate public at the Seneca Park Zoo	To provide information to spark interest and action in environmental topics	6 th grade students, teachers, and the general public	Shaunta Collier-Santos, Seneca Park Zoo, (585) 336-7213
Helmer Nature Center	Nature programs, interactive displays	Nature awareness, outdoor education	General public, K-12 students and teachers	Mary Anna Russo, Helmer Nature Center, (585) 336-3055
<p>Life Science Learning Center University of Rochester (585) 275-0268 http://lifesciences.envmed.rochester.edu/index.html</p>				
What's in Our Water?	Using sensitive probeware, students will study the effects of temperature, oxygen, and salinity on model organisms.	Educate students on water quality issues and testing techniques	High school students	Dr. Dina Markowitz
Environmental Explorations	Students will investigate what pH is and how it affects water quality and viability of aquatic organisms. They will also learn how pH of bodies of water could be changed due to human intervention.	Educate students on water quality issues and testing techniques	Middle School students	Dr. Dina Markowitz

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"What's in Our Water?" A Water Quality Education Project	Training for teachers on water quality testing; student training also.	Educate teachers and students on water quality issues and testing techniques	Middle and high school teachers and students	Dr. Dina Markowitz also available online at http://lifesciences.envmed.rochester.edu/library/pdf/whats_in_our_water_full.pdf
BUBL Underwater Lab Experience	7 th & 8 th grade students learn about Lake Ontario water, geology, chemistry and biology	Educate students and teachers on water quality issues	7 th & 8 th grade students	Peter Robson, Monroe County BOCES #1, (585) 473-7112
Community Water Watch	Volunteers monitor area streams 4 times per year and receive free training; volunteers also conduct, community outreach	Identify water quality issues and provide baseline data	Adults and Children	Todd Stevenson, Monroe County Department of Health (585) 274-7638
<p>Monroe County Soil & Water Conservation District (585) 473-2120 ext. 3</p>				
Monroe County Envirothon	Environmental science competition at high school level	Increase environmental conservation awareness and participation	High school students and teachers	Karen Ervay,
Pollution Model Workshops	Hands-on interactive model that visually displays water pollution	Educate audience about sources of water pollution and how to prevent it	Grades K-12, scouts, community centers	
Better Site Design & Stormwater Management Practices Conference	2 day training on various topics surrounding land use planning and stormwater issues	Educate on new regulations and updated management practices for management and community enhancement	Engineers, municipal staffs, county staffs, and consultants	SWCD also members of the Monroe County Planning Department; Monroe County Health Department; and the Monroe County Environmental Management Council
Construction Inspection Workshops	Open discussion among audience regarding erosion and sediment control issues	Share ideas, instruct on proper erosion and sediment control	Municipal staff such as building inspectors, highway staff, etc.	
Western New York Stormwater Management Conference	Area experts and vendors present to local staff on what is new in stormwater regulations and product lines	Update on regulations, management practices, product use, and availability	Engineers, consultants, municipal staffs, area SWCD staffs	Monroe County Soil & Water Conservation District; all area SWCDs
Wetlands Field Tour	Field trip to threatened federal wetlands	Educate on preserving and maintaining water quality in wetlands	Influential citizens, municipal staffs in future	

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Monroe County Department of Planning & Development (585) 428-5464				
Land Use Decision Making Training Program – Stormwater and Erosion Control Field Trip	2.5 hour field trip to see area stormwater wetlands and erosion control features	Educate on the purpose and design of stormwater wetlands and erosion control features	Municipal Planning Boards, Conservation Boards, other staffs and interested citizens	Rochelle Bell and the Monroe County SWCD (585) 473-2120 ext. 3
Land Use Decision Making Training Program– Stormwater Management	Two 2.5 hour training sessions about stormwater management, erosion control and Phase II Stormwater Regulations	Educate so that audience can make sound decisions regarding development and land use	Municipal Planning Boards, Conservation Boards, other staffs and interested citizens	Rochelle Bell and the Monroe County SWCD
P.E.T.E (Protecting the Environment Through Education)	Diverse selection of environmental topics presented to area schools by guest instructors or experts	Increase environmental conservation awareness and participation	Grades K – 6	Helen McGill, P.E.T.E. Coordinator, (585) 473-3197; Monroe County and other local agencies support through providing instruction
Syracuse University Stormwater Management Program	2-3 day workshops or classes focusing on stormwater and erosion control issues	Educate on new regulations and updated management practices for management and compliance	Municipal staffs, local authorities or agencies, engineers, CPESC students	Don Lake, P.E., CPESC, NYS Soil & Water Conservation Committee; Monroe County SWCD provides instruction and outreach to Monroe County audience