

Soil Erosion Summary FY 2015

Permits Issued: 214

Revenue generated: \$18,547

Fee Schedule increased for 2016- projected \$8,000 increase

Permit follow-up procedures: minimum of 2 visits/low priority permits, minimum of 3 visits/medium priority permit, minimum of 4 visits/ high priority permits

Community Outreach/Education

In-field contacts/education	136	
Phone contacts		1000 spring and summer are really busy phone times
Website/Facebook posts	8	
Presentations		
Soil Erosion Control Work Shop	1	MDEQ update on soil erosion control program
Three Lakes Annual Meeting	1	Invasives/habitat restoration
Antrim Outdoors Kickoff	1	Invasives/habitat restoration
East Jordan Rotary	1	Update on the State Road/Jordan River Crossing
Grass River Educational Events	2	Soil erosion control booths
Water Day – Invasives – Petoskey	1	Invasives
Lake Charlevoix Annual Meeting	1	Soil Erosion/natural shorelines/functional landscaping
Mancelona Brownie Troop	1	Soils/storm water control/wetlands
Petoskey Stone Festival		
Aquatic Invasive Species	1	Joint project with Tip of the Mitt Watershed Council
Wrote article for TLPA – storm water and lake friendly protection products		
Taught 3 contractors how to apply for MDEQ permits for shoreline stabilization		
Working with the North Country Trail and Lakes of the North– joining Jordan River Trail, NCT, and Lakes of the North trails; maintenance and permit requirements for NCT in Jordan River Valley		
Household Hazardous Waste		

Committee Involvement

Elk River Chain of Lakes Watershed
Lake Charlevoix Watershed Committee
CAKE-CISMA Steering Committee
MESCA – Soil erosion advisory

Grants

Wrote and received a two year, \$130,500 grant for CISMA (Cooperative Invasive Species Management Area) in Charlevoix, Antrim, Kalkaska and Emmet Counties

Grants cont.

Worked with Tip of the Mitt Watershed Council and Milton Township using grant funding to stop erosion at Sutter Road-end by diverting storm water and installing access stairs to Torch

Partnerships

Tip of the Mitt Watershed Council
The Watershed Center Grand Traverse Bay
Friends of the Jordan
Three Lakes
Torch Lake Protection Alliance
Milton Township
Helena Township

Training

Low impact development – Tip of the Mitt Watershed Council
Low impact development – Michigan Department of Environmental Quality

Invasive Species

Work with Huron Pines, AmeriCorps and Friends of the Jordan River Watershed to begin treatment and eradication of common buckthorn at Friends of the Jordan Watershed Center

Hiked Grand Traverse Bay with AmeriCorps member inventorying the invasive Phragmites; worked with townships along the bay and the licensed applicator to treat the Phragmites for the seventh consecutive year

Fiduciary for Michigan Invasive Species Grant, member of the steering committee, and actively inventory targeted invasive species in the county while doing soil erosion control work

Habitat Restoration

Replanted with AmeriCorps member ½ acre of beach grass along the Lake Michigan Shoreline in Elk Rapids