

# Lake Erie Protection Fund Grants Summary

As of: 5/20/2015

<u>Number</u>	<u>Project Title</u>	<u>Funding</u>	<u>Organization</u>
<b><u>State Fiscal Year 2006</u></b>			
<i>Small Grants</i>			
271-06	Restoration of Doan Brook on an Urban Public School Campus	\$ 7,700.00	Doan Brook Watershed Partnership
274-06	Restoration of the Ashtabula Lighthouse 4th Order Fresnel Lens	\$ 10,000.00	Ashtabula Marine Museum
275-06	Breakneck Creek Watershed Management Plan - Phase 1	\$ 9,785.50	NEFCO
282-06	Lake Kleenerz Stop Aquatic Hitchhikers Campaign	\$ 1,000.00	ODNR - Lakefront State Park
283-06	Development of an Underwater Trailways System for Ohio's Lake Erie	\$ 9,955.00	The Ohio State University
287-06	Solid-phase microextraction fibers as models to predict contaminant bioacc	\$ 10,000.00	Ohio State University
289-06	Historic Shipwreck Mooring Blocks	\$ 10,000.00	Maritime Archaeological Survey Team
290-06	The Sandusky River Watershed Symposium	\$ 2,000.00	National Center for Water Quality Research
293-06	Restoring fish diversity to farm ditches	\$ 9,576.00	University of Toledo
294-06	Rapid Method for E.Coli in the Cuyahoga River	\$ 10,000.00	US Geological Survey
295-06	E. Coli & Suspended Sediment in Berger Ditch	\$ 10,000.00	US Geological Survey
296-06	Toledo Harbor Lighthouse Access Dock & Ramp	\$ 10,000.00	Toledo Harbor Lighthouse Preservation Society
298-06	Ex Post benefits of the Ashtabula River Dredging Project	\$ 10,000.00	The Ohio State University
301-06	Prioritizing Restoration Opportunities in the Chippewa Creek Watershed	\$ 9,465.00	Cuyahoga River Community Planning Organization
		<b>Total \$ 110,016.50</b>	
<b><u>State Fiscal Year 2007</u></b>			
<i>Small Grants</i>			
303-07	Development of Water Resources Models for the Old Woman Creek	\$ 10,000.00	University of Toledo, Dept. of Civil Engineering
307-07	Influence of vitamin conc. in eggs on survival of walleye embryos in LE	\$ 10,000.00	The Ohio State University
311-07	Predicting E coli using turbidity at the Cuyahoga Valley NP	\$ 10,000.00	US Geological Survey
312-07	TDR Demonstration Study and Public Forum	\$ 9,999.00	Cleveland State University
315-07	Trends in bioavailable phosphorus loading to Lake Erie	\$ 10,000.00	National Center for Water Quality Research
316-07	Yellow Perch foraging on hexagenia spp.: Effects of hypoxia and Dreissena	\$ 9,891.00	University of Toledo - Lake Erie Center
318-07	Quantifying the role of mayflies in transfer of toxic metals in western LE	\$ 10,000.00	BGSU, Dept. of Geology
319-07	Drip Distribution Installation Demonstration	\$ 8,700.00	Lake County General Health District
322-07	Land Use Ordinance Inventory for the Cuyahoga River AOC	\$ 9,974.80	Cuyahoga River Community Planning Organization
323-07	Refining and continuing a system for nowcasting beach advisories	\$ 10,000.00	US Geological Survey
324-07	Molecular diagnostic tool for potential bioremediation of L Erie sediments	\$ 10,000.00	Bowling Green State University
325-07	Changes in Nutrient Structure of the Cuyahoga River	\$ 10,000.00	Cleveland State University
327-07	Soil Phosphorus Stratification with Reduced Tillage	\$ 10,000.00	National Center for Water Quality Research
330-07	The Prevalence of VHSV in Yellow Perch	\$ 9,999.00	Case Western Reserve University
333-07	Rocky River Backyard Buffers	\$ 9,999.88	Cuyahoga Soil and Water Conservation District
334-07	Nearshore Hypoxia as a New Lake Erie Metric	\$ 9,982.00	National Center for Water Quality Research
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG01-07	Best Local Land Use Practices Training Program	\$ 50,000.00	Cleveland State University
		<b>Total \$ 208,545.68</b>	

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<b><u>State Fiscal Year 2008</u></b>			
<i>Special Funding Project: Lake Erie Algal Blooms</i>			
SP00-08	Role of Turbid River Plumes in the Development of Microcystis Blooms	\$ 52,634.00	University of Toledo - Lake Erie Center
<i>Small Grants</i>			
335-08	Use of MST Tools in the Portage River Watershed	\$ 15,000.00	US Geological Survey
336-08	Winter Assessment of Lake Erie Microbiology	\$ 14,300.00	Bowling Green State University
337-08	Bioswale Effectiveness Monitoring, Cuyahoga County	\$ 15,000.00	Chagrin River Watershed Partners, Inc
338-08	Tracking Fecal Pollution at Recreational Beaches	\$ 14,581.00	University of Toledo
339-08	Microcystin Toxicity to Mayfly Spp Larvae	\$ 15,000.00	National Center for Water Quality Research
342-08	Cross-Jurisdictional Growth & Resource Protection	\$ 14,906.22	OSU Center for Farmland Policy Innovation
346-08	Phase One Toledo Lighthouse Plans & Specs	\$ 14,900.00	Toledo Harbor Lighthouse Preservation Society
347-08	Improved Estimates of Sediment Oxygen Demand	\$ 14,992.00	Case Western Reserve University
348-08	Floating Access Ramp & Dock	\$ 15,000.00	Astabula Lighthouse Society
352-08	Turbidity and PAR Data for Refining Nowcast	\$ 15,000.00	US Geological Survey
354-08	Turbidity Model at the Cuyahoga Valley NP	\$ 12,880.00	US Geological Survey
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG01-08	Best Local Land Use Practices Training Program Year 2	\$ 50,000.00	Cleveland State University
BG02-08	Best Local Land Use Practices Video	\$ 24,682.00	Cinecraft Inc
		<b>Total \$ 288,875.22</b>	
<b><u>State Fiscal Year 2009</u></b>			
<i>Targeted Grants: Lake Erie Phosphorus Levels &amp; Algal Blooms</i>			
TG01-09	Connecting Phosphorus Load, Transport, and Biological Use	\$ 167,040.00	Dept of Evolution Ecology and Organismal Biology
TG02-09	Analysis of Soil Testing Laboratories	\$ 74,955.00	Ohio Agricultural Research & Development Center
<i>Small Grants</i>			
357-09	Glyphosate loadings in Lake Erie watersheds	\$ 11,154.00	Bowling Green State University
358-09	Ohio Harmful Algal Bloom Initiative: Outreach	\$ 14,962.00	Ohio Sea Grant
360-09	Preventing Mercury Toxicity by Thiamine in Perch	\$ 15,000.00	The Ohio State University
361-09	Brandywine Creek Balanced Growth Watershed Plan	\$ 14,995.00	Cuyahoga River Community Planning Organization
362-09	Great Lakes Tall Tower Wind Monitoring Project	\$ 14,820.00	Green Energy Ohio
363-09	Alternatives to using potable water to flush toilets	\$ 15,000.00	University of Toledo, Civil Engineering
364-09	Sediment contribution to Lake Erie algal blooms	\$ 15,000.00	University of Toledo
365-09	Using satellite imagery for fisheries management	\$ 14,750.00	OSU Aquatic Research Laboratory
369-09	Promoting Regional Land-Use Planning	\$ 15,000.00	GreenCityBlueLake Institute
372-09	Real-time Hypoxia Monitoring Platform	\$ 15,000.00	The University of Akron
374-09	Identification of Microcystin-Degrading Bacteria	\$ 15,000.00	Kent State University
378-09	Developing Web Resources for NE Ohio Communities	\$ 14,900.00	Chagrin River Watershed Partners, Inc
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG01-09	Best Local Land Use Practices Training Program Year 3	\$ 50,000.00	Cleveland State University
BG02-08	Best Local Land Use Practices Case Studies	\$ 35,000.00	CDM Inc.
		<b>Total \$ 502,576.00</b>	

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<b><u>State Fiscal Year 2010</u></b>			
<i>Small Grants</i>			
381-10	Rapid Detection of Viable B. fragilis in Lake Erie	\$ 14,997.00	Ohio State University
383-10	Freshwater Mussel Distribution; Emphasis Rayed Bean	\$ 14,947.00	University of Toledo
384-10	Enhanced Benthic Algal Growth from Dreissena	\$ 15,000.00	University of Toledo - Lake Erie Center
385-10	Improving Detection Limit of Phosphate Microsensor	\$ 14,998.00	University of Toledo
386-10	Artificial Fish Habitat in Marinas	\$ 9,900.00	Ohio Sea Grant College Program
390-10	Protecting mussel habitat on Lake Erie's coast	\$ 14,707.00	Cleveland State University
393-10	Lions Park shoreline restoration	\$ 15,000.00	City of Sandusky
394-10	Vacant lot stabilization: Cleveland best practices	\$ 15,000.00	Cleveland Botanical Garden
395-10	Middle Bass Preserve habitat restoration	\$ 13,875.00	Lake Erie Islands Chapter, Black Swamp Conservancy
397-10	Modeling dissolved phosphorus exports to Lake Erie	\$ 14,995.00	National Center for Water Quality Research
398-10	Credible Data Collection by the US Coast Guard	\$ 11,770.00	Bowling Green State University
399-10	Pharmaceutical Drug Collection & Disposal Program	\$ 15,000.00	Lake County General Health District
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG01-10	Best Local Land Use Practices Training Program Year 4	\$ 38,000.00	Cleveland State University
BG04-10	Best Practices Case Study Workshops	\$ 40,000.00	CDM, Inc
<i>Targeted Grants: Balanced Growth Planning</i>			
TG01-09	Connecting Phosphorus Load, Transport and Biological Use	\$ 167,040.00	The Ohio State University
TG02-09	Analysis of Soil Testing Laboratories and Data Mining	\$ 74,955.00	The Ohio State University
BG02-10	Eastern Lake County Coastal Tributaries - Balanced Growth Plan	\$ 100,000.00	Lake County Planning Commission
BG09-10	Furnace Run Watershed - Balanced Growth Plan	\$ 57,400.00	Cuyahoga River Community Planning Organization
		<b>Total \$ 590,184.00</b>	
<b><u>State Fiscal Year 2011</u></b>			
<i>Small Grants</i>			
401-11	Coalition for Funding Tributary Loading Program	\$ 15,000.00	National Center for Water Quality Research
404-11	Wet Meadow Restoration in a Floodplain in Sylvania	\$ 15,000.00	The Olander Park System
405-11	Does Enterocci qPRC Predict Pathogen Levels?	\$ 14,973.00	The Ohio State University
406-11	Diversity of Microsystis Across Trophic Gradients	\$ 12,940.00	University of Toledo
408-11	Sandusky River Headwaters Runoff Reduction	\$ 15,000.00	Crawford Soil & Water Conservation District
414-11	Evaluating the Linkage Between Lake Erie Water Quality & Public Health for Ohio Residents	\$ 14,997.00	The Ohio State University - College of Public Health
415-11	Roadside Ditch Sediment Control Project	\$ 15,000.00	Chagrin River Watershed Partners, Inc.
416-11	Buckthorn in the Oak Openings	\$ 13,640.00	University of Toledo
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG01-11	Best Local Land Use Practices Training Program	\$ 34,983.00	Cleveland State University
403-11	Griswold Creek Watershed Modeling and Restoration	\$ 15,000.00	Russell Township
409-11	Big Creek Watershed Stormwater Retrofit Ranking	\$ 15,000.00	Friends of Big Creek
413-11	Swan Creek Urban BMP Inventory and Assessment	\$ 15,000.00	Toledo Metropolitan Area Council of Governments
<i>Targeted Grants</i>			
TG01-11	Heidelberg Tributary Loading Program	\$ 120,000.00	National Center for Water Quality Research
		<b>Total \$ 316,533.00</b>	



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<b><u>State Fiscal Year 2012</u></b>			
<i>Small Grants</i>			
417-12	Lake Erie Shoreline Creel Economic Impact Study	\$ 15,000.00	The Ohio State University - Ohio Sea Grant
419-12	Flow Rating Curves for Three Small Lake Erie Streams	\$ 15,000.00	Bowling Green State University - Firelands Campus
427-12	Sandusky Bay Algal Bloom Early Warning Study	\$ 15,000.00	Erie County General Health District
430-12	Expanding Coast Guard Credible Data Collection	\$ 9,860.00	Bowling Green State University
431-12	Linking Land-Use and Perch Recruitment	\$ 15,000.00	University of Toledo
434-12	Lake Erie Angler Survey	\$ 12,379.00	The Ohio State University
435-12	Cyanobacteria Toxins by qPCR and ELISA	\$ 15,000.00	U.S. Geological Survey
437-12	City of Sandusky Living Shoreline Demonstration	\$ 12,770.00	City of Sandusky
439-12	Copper Concentrations at Lake Erie Marinas	\$ 14,571.00	The Ohio State University - Ohio Sea Grant
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG 432-12	Best Local Land Use Practices 2012	\$ 34,982.00	Cleveland State University
BG 426-12	Great Lakes Mall Green Infrastructure Program	\$ 15,000.00	City of Mentor
		<b>Total</b>	
		<b>\$ 174,562.00</b>	
<b><u>State Fiscal Year 2013</u></b>			
<i>Small Grants</i>			
441-13	Green Storm Water Infrastructure	\$ 15,000.00	University of Toledo
443-13	Griswold Creek Watershed Project Restoration Plan	\$ 15,000.00	Chagrin River Watershed Partners, Inc.
445-13	Internal Loading of Phosphorus to Lake Erie	\$ 30,000.00	Case Western Reserve University
447-13	Analysis of Water Conservation Measures by Industry Sector	\$ 30,000.00	Cleveland State University
450-13	Isolation of Microcystin-degrading Bacteria	\$ 15,000.00	Kent State University
451-13	Creating Sustainable Development in an Inner City Neighborhood	\$ 14,785.00	Mercy St. Vincent Medical Center
455-13	Impacts of Urban River Restoration on Fish Community	\$ 11,835.00	University of Toledo
457-13	Sandusky River Stormwater Reduction Project	\$ 15,000.00	Crawford Soil & Water Conservation District
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG 459-13	Best Local Land Use Practices 2013	\$ 35,000.00	Cleveland State University
BG 456-13	Big Creek Watershed Stormwater Retrofit Implementation Project	\$ 15,000.00	Friends of Big Creek
		<b>Total</b>	
		<b>\$ 196,620.00</b>	
<b><u>State Fiscal Year 2014</u></b>			
<i>Small Grants</i>			
461-14	Conservation Development, Parking & Stormwater Management Codes	\$ 15,000.00	Chagrin River Watershed Partners, Inc.
464-14	Otolith Chemistry of Asian Carps in Lake Erie	\$ 15,000.00	Bowling Green State University
472-14	Rapid and Sensitive Microcystin Detection	\$ 15,000.00	The Ohio State University
477-14	Cost-effective Use of Vacant Urban Property for Green Infrastructure Prioritization	\$ 15,000.00	Toledo Metropolitan Area Council of Governments
478-14	Residential Riparian Reforestation in the Rocky River	\$ 15,000.00	Rocky River Watershed Council
481-14	Upper Maumee Watershed Volunteer Water Monitoring	\$ 14,980.00	Defiance Soil & Water Conservation District
482-14	Lake Erie Coastal Wetland VIBI Project	\$ 29,650.00	Cleveland Museum of Natural History
483-14	Updating the Planktonic Index of Biotic Integrity (P-IBI) for Lake Erie	\$ 3,130.00	The Ohio State University
484-14	Euclid Creek Riparian Tree and Shrub Planting Program	\$ 13,370.00	Cuyahoga Soil & Water Conservation District
<i>Balanced Growth Program: Best Local Land Use Practices</i>			
BG 486-14	Best Local Land Use Practices 2014	\$ 35,000.00	Cleveland State University
		<b>Total</b>	
		<b>\$ 171,130.00</b>	

**Funding Total FY06-14: \$ 2,559,042.40**

