

Packer Creek Watershed Project Table

Causes of Impairment (Pollutant or Stressor)	Sources of Pollutant	Projects	Major Tasks/ Milestones	Potential Project Partners	Funding Source(s)	Timeline	Status (in progress, planning, concept, ongoing, complete)	Performance Indicator/Environmental Results (Loadings)	Coastal Management Measure	HUC/Stream Segment Addressed	BUI Color Code: <span style="color:lightblue;">■</span> Impaired <span style="color:lightgreen;">■</span> Not Impaired <span style="color:yellow;">■</span> Unknown <span style="color:orange;">■</span> Not Applicable														Comments & Misc. Info.	
											BUI #1	BUI #2	BUI #3	BUI #4	BUI #5	BUI #6	BUI #7	BUI #8	BUI #9	BUI #10	BUI #11	BUI #12	BUI #13	BUI #14		
All	All	Conduct a TMDL	1) Design watershed survey, 2) Collect water quality data, 3) Assess waterbodies, 4) Identify target conditions, 5) Develop restoration projects, 6) Select restoration scenario, 7) Prepare implementation plan, 8) Submit TMDL report, 9) Implement TMDL (inside Ohio EPA), 10) Implement TMDL (outside OEPA), 11) Annual validation activities, and 12) Validate water quality status	OEPA	OEPA	2003-2005	in progress					X	X	X	X	X	X	X	X	X	X	X	X	X	Source: OEPA	
All	All	GIS Water Quality database (Phase 1)	1) Create relational database from OEPA water resources inventory data for Maumee AOC	University of Toledo, Maumee RAP	US EPA GLNPO	2004-2005	complete					X	X	X	X	X	X	X	X	X	X	X	X	X		
All	All	GIS Water Quality database (Phase 1)	2) Export LE Tribes data to a GIS format				complete					X	X	X	X	X	X	X	X	X	X	X	X	X		
All	All	GIS Water Quality database (Phase 1)	3) Publish relational database and GIS online				complete					X	X	X	X	X	X	X	X	X	X	X	X	X		
All	All	GIS Water Quality database (Phase 2)	Expand GIS to entire AOC				in progress					X	X	X	X	X	X	X	X	X	X	X	X	X		
Habitat Modifications	changing land use	Create Regional Storm Water Standards Manual		RAP Urban Runoff Action Group, MRRSWC	Lake Erie Protection Fund	2002	complete							X												
Habitat Modifications	changing land use	Educate developers/contractors on need and use of BMPs		Maumee RAP Urban Runoff Action Group, SWC	Ohio Environmental Education Fund, GLC	2005	planning		5.3.1; 5.3.2; 5.5.1; Chapter 10.5	all of watershed				X												
Habitat Modifications	changing land use	Implement the Phase 2 storm water management program		City of Bowling Green, portions of Wood and Ottawa county in Toledo urbanized area	local jurisdictions; additional grants if necessary	2006	ongoing							X												
Habitat Modifications	changing land use	Implement the Phase 2 storm water management program	Revise storm water regulations and ordinances; may incorporate Maumee RAP manual, ODNR Rainwater manual, regional Storm Water Coalition recommendations and other references	City of Bowling Green, portions of Wood and Ottawa county in Toledo urbanized area		2004	ongoing	stricter BMPs, ordinances that are more protective of stream health	Chapter 5					X											revision/adoption should be complete early 2005	
Habitat Modifications	changing land use	Maintain and update Stormwater Standards Manual (as needed)		Maumee RAP Urban Runoff Action Group, SWC	Ohio Environmental Education Fund, GLC	2005	planning		5.3.1; 5.3.2; 5.5.1; Chapter 10.5	all of watershed				X												
Habitat Modifications	changing land use	Propose alternative development designs/layouts and BMPs that protect habitat and water quality				2004-2005	ongoing							X												
Habitat Modifications	changing land use	Work with new development/industries moving into the watershed to develop strategies to minimize their impact on the creeks (for instance, storm water BMPs, setbacks, habitat buffers, etc)	Identify BMPs to recommend and literature to support it; become familiar with local storm water rules, wetland and stream mitigation rules, etc		none needed	2004-2006	ongoing		5.3.1; 5.3.2					X										X		
Habitat Modifications	channelization	Modified dredging procedures, Natural stream channel and/or 2-Stage ditch design	Demonstrate a natural stream channel anywhere in watershed	ODNR, SWCDs, County Engineers	ODNR, NOAA/Coastal NPS, 319 grants	2007	planning	Increase QHEI score to 60.		all of watershed				X												
Habitat Modifications	construction	Create Regional Storm Water Standards Manual		RAP Urban Runoff Action Group, MRRSWC	Lake Erie Protection Fund	2002	complete							X												
Habitat Modifications	construction	Implement the Phase 2 storm water management program	Revise storm water regulations and ordinances; may incorporate Maumee RAP manual, ODNR Rainwater manual, regional Storm Water Coalition recommendations and other references	City of Bowling Green, portions of Wood and Ottawa county in Toledo urbanized area		2004	ongoing	stricter BMPs, ordinances that are more protective of stream health	Chapter 5					X											revision/adoption should be complete early 2005	
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Habitat Modifications	construction	Propose alternative development designs/layouts and BMPs that protect habitat and water quality				2004-2005	ongoing							X												
Habitat Modifications	removal of riparian vegetation	Adopt riparian setback ordinances in residential and urban areas					concept							X												











