





Swan Creek and Blue Creek Watershed Projects Table\*

\* BUI color coding is based on Swan Creek

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	
Habitat Modification	Streambank modification	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X			X			X						
Habitat Modification	Streambank modification	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X			X			X						
nutrients	Cropland or pasture where manure is spread	Educate Horse owners on proper disposal of manure	Implement Equine Environmental Assurance and Liability Program for Fulton, Lucas and Wood Counties	LSWCD, WSWCD Ohio Livestock Coalition, Farm Bureau, ODRN-DSWC	Ohio Livestock Bureau, ODRN-DSWC	2006	concept				X		X			X			X	X					
Nutrients	Erosion and runoff from fertilized fields	Tillage Transect	Drive the transect points and mark in GPS and note land use.	USDA-NRCS, ODRN-SWCD, LSWCD	NRCS, ODRN-SWCD	2006-07	concept	Ability to calculate no-till acres and developed acres.				X												X	
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	1) Design new Drains are for Rain storm drain stencils and companion door hangers	Maumee RAP, TMACOG, local jurisdictions, organizations	Maumee RAP, TMACOG, local jurisdictions, organizations	Spring 2005	complete	# of supplies ordered; # of households given educational materials; # of purchasing	Chapter 10.5; 5.7.1		X		X			X	X			X		X	X		
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	2) Place bulk order for local jurisdictions and organizations			Jun-05	complete				X		X			X	X			X		X	X		
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	3) Distribute stencils and door hangers for local jurisdictions and organizations to use			Jul-05	complete				X		X			X	X			X		X	X		
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	1) Design new Drains are for Rain storm drain stenciling Field Manuals	Duck and Otter Creeks Partnership, Maumee RAP, TMACOG, local jurisdictions, organizations	OEEF; 319 grants; ODRN/CZM grants; foundations; local donations; cities	year round	ongoing	# of stenciling manuals sold	Chapter 10.5; 5.7.1		X		X			X	X			X		X	X		
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	2) Fill orders for local jurisdictions and organizations as placed				ongoing				X		X			X	X			X		X	X		
Nutrients	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 3)	Conduct public Storm Drain Stenciling events	Duck and Otter Creeks Partnership, Maumee RAP, TMACOG, local jurisdictions, organizations	OEEF, ODRN/CZM grants; foundations, Maumee RAP, TMACOG, local jurisdictions, organizations	April - Oct	ongoing	# of new storm drains stenciled; # of households given ed materials; # of volunteers participating			X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	1) Design new Drains are for Rain storm drain stencils and companion door hangers	Maumee RAP, TMACOG, local jurisdictions, organizations	Maumee RAP, TMACOG, local jurisdictions, organizations	Spring 2005	complete	# of supplies ordered; # of households given educational materials; # of purchasing	Chapter 10.5; 5.7.1		X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	2) Place bulk order for local jurisdictions and organizations			Jun-05	complete				X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 1)	3) Distribute stencils and door hangers for local jurisdictions and organizations to use			Jul-05	complete				X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	1) Design new Drains are for Rain storm drain stenciling Field Manuals	Duck and Otter Creeks Partnership, Maumee RAP, TMACOG, local jurisdictions, organizations	OEEF; 319 grants; ODRN/CZM grants; foundations; local donations; cities	year round	ongoing	# of stenciling manuals sold	Chapter 10.5; 5.7.1		X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	2) Fill orders for local jurisdictions and organizations as placed				ongoing				X		X			X	X			X		X	X		
Organic Enrichment	Urban Runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 3)	Conduct public Storm Drain Stenciling events	Duck and Otter Creeks Partnership, Maumee RAP, TMACOG, local jurisdictions, organizations	OEEF, ODRN/CZM grants; foundations, Maumee RAP, TMACOG, local jurisdictions, organizations	April - Oct	ongoing	# of new storm drains stenciled; # of households given ed materials; # of volunteers participating			X		X			X	X			X		X	X		
Pathogens	Human & animal excreta	Educate Horse owners on proper disposal of manure	Implement Equine Environmental Assurance and Liability Program for Fulton, Lucas and Wood Counties	LSWCD, WSWCD Ohio Livestock Coalition, Farm Bureau	Ohio Livestock Bureau, ODRN-DSWC	2006	concept				X		X			X	X			X	X				
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	1) Scan paper copies to create electronic files of existing septic systems	TMACOG, Toledo/Lucas County Health Dept, Lucas County Auditor's Office	LEPF, TMACOG, Toledo/Lucas County Health Dept, Lucas County Auditor's Office	2002-2005	complete		5.6.2;	all of Otter Creek watershed									X	X					
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	2) Convert electronic data into GIS map files			2003	complete												X	X					
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	3) Integrate with AREIS data			2004	complete												X	X					
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	4) Train Health Dept personnel to input data and use GIS system			2005	in progress												X	X					
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	1) Identify stream sampling locations	TMACOG, Toledo/Lucas County Health Dept, Lucas County Auditor's Office, Wood County Health Dept	US ACE [WRDA sec. 401]	2004	complete	Sample 50 stream sites and dye test 100 septic systems per county to reduced discharges of unmeasurable amounts of inadequately treated sewage	5.6.2; Chapter 11	RM 2.0									X	X					
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	2) Identify septic system dye testing locations				complete												X	X					

Swan Creek and Blue Creek Watershed Projects Table\*

\* BUI color coding is based on Swan Creek

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	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	3) Conduct stream sampling and dye testing				complete																		
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	4) Prioritize areas for enforcement based on testing results				complete																		
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	5) Pursue enforcement requiring upgrades or replacement of failed or inadequate systems				complete																		
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 2)	1) Conduct additional stream sampling and dye testing	TMACOG, Toledo/Lucas County Health Dept, Lucas County Auditor's Office, Wood County Health Dept	WRDA 401, Ohio EPA 319		concept	Sample 50 stream sites and dye test 100 septic systems per county to reduced discharges of unmeasurable amounts of inadequately treated sewage		all of Duck Creek Watershed															
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 2)	2) Modify priority areas (if necessary)				concept																		
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 2)	3) Pursue enforcement requiring upgrades or replacement of failed or inadequate systems with cost share incentives (if available)				concept																		
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 3)	1) Continue to sample and dye test to identify problem areas	TMACOG, Toledo/Lucas County Health Dept, Lucas County Auditor's Office, Wood County Health Dept	WRDA 401, Ohio EPA 319	2006 - ?	concept	Sample stream sites and dye test septic systems as needed per county to reduced discharges of unmeasurable amounts of inadequately treated sewage																	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 3)	2) Continue to pursue enforcement requiring upgrades or replacement of failed or inadequate systems with cost share incentives (if available) until priority areas are addressed				concept																		
Pathogens	Urban runoff	Review existing CSO data					concept																		
Pathogens	Wastewater treatment plants	CSO elimination project for Village of Metamora		Ohio EPA, Village of Metamora	Village of Metamora	2005-?	in progress	septic systems eliminated, bacteria level in river				X		X									X	X	
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	1) Develop public & regulatory agency participation plan	City of Toledo	City of Toledo	2002-2004	complete																		
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	2) Develop flow characterization plan			2004	complete																		
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	3) Develop water quality study			2004	complete																		
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	4) Develop hydraulic model			2003	complete																		
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	5) Develop water quality model			2003	complete																		
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	1) Implement public & regulatory agency participation plan	City of Toledo	City of Toledo	2005-2016	in progress																		
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	2) Implement flow characterization plan				in progress																		
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	3) Implement water quality study				in progress																		
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	4) Implement hydraulic model				in progress																		
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	5) Implement water quality model				in progress																		
Pathogens	Wastewater treatment plants	Upgrade Package Plant at Peaceful Acres Mobile Home Park	Implement consent order issued by Ohio Attorney General's Office	PRP, Ohio EPA	PRP	2005-2006	in progress	reduction in pathogens and solids discharged to Blue Creek		Blue Creek RM 8.75													X	X	
Pesticides	Urban/Suburban	Organic Lawn Care Clinic	Less fertilizer in urban/suburban runoff	SWCD/Black Swamp Conservancy	SWCD	Annual	ongoing						X												
Sediment/Siltation	Construction	Develop and Implement Stormwater Management Plans (Phase I and II)	Develop Pre-and post-construction standards	MS4s; Maumee RAP Urban Runoff Action Group	Lake Erie Protection Fund; Local jurisdictions	2003-2007	in progress			RM ?? To RM 0	X		X	X		X	X	X			X		X	X	
Sediment/Siltation	Construction	Educate developers/contractors on need and use of BMPs		Maumee RAP Urban Runoff Action Group, SWC	Ohio Environmental Education Fund, GLC		concept		Chapter 10.5; 5.7.1	all of watershed	X		X	X		X	X	X			X		X	X	
Sediment/Siltation	Construction	Evaluate upstream contributions					concept			RM 16 to headwaters															
Sediment/Siltation	Construction	GIS Storm Sewer Inventory	1) Review existing road plans	Lucas County Engineers Office		2005	in progress						X		X							X			
Sediment/Siltation	Construction	GIS Storm Sewer Inventory	2) Input data into GIS format			2005-2009	in progress						X		X							X			
Sediment/Siltation	Construction	GIS Storm Sewer Inventory	3) Integrate with AREIS data			2009	in progress						X		X							X			
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	1) Determine contents for manual	RAP Urban Runoff Action Group, MRRSWC	Lake Erie Protection Fund	2002	complete	Implement a regional/watershed management program: a) control increases in runoff rates, b) prevent losses in infiltration, c) prevent runoff pollution		all of AOC	X		X	X		X	X	X			X		X	X	
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	2) Write manual				complete				X		X	X		X	X	X			X		X	X	

Swan Creek and Blue Creek Watershed Projects Table\*

\* BUI color coding is based on Swan Creek

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	
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	3) Identify alternative development designs/layouts that protect water quality				complete				X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	4) Encourage local jurisdictions to adopt manual as their standards				complete				X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 2)	1) Review existing manual	Maumee RAP Urban Runoff Action Group, SWC	GLC	2005-2007	in progress	Completion and distribution of revised manual	Chapter 10.5; 5.7.1	all of watershed	X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 2)	2) Update chapters with new content and regulations			2005-2006	in progress				X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 2)	3) Conduct workshops and site visits for consultants, developers, contractors on stormwater plan preparation and post-construction BMPs			2006-2007	in progress	50 percent of consultants, developers, contractors that work in the area participate			X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 3)	Maintain and update manual as needed				ongoing				X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Require BMPs on smaller developments					concept			all of watershed	X		X	X		X	X	X			X		X		
Sediment/Siltation	Construction	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X		X	X					X		X		
Sediment/Siltation	Construction	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X		X	X					X		X		
Sediment/Siltation	Construction	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X		X	X					X		X		
Sediment/Siltation	Cropland	Develop potential project list based on Cropland Inventory Project Results					concept			all of watershed	X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Identify extent & benefit of conservation tillage and other BMPs used by farmers in watershed					concept			all of watershed	X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Incentive programs for implementation of agricultural BMPs such as filter strips & conservation tillage, fertilizer/pesticide management	Continue to promote and support the implementation of these programs	Ohio Lake Erie Commission USDA - NRCS SWCDs (Fulton & Lucas in Ohio)	Ohio Lake Erie Commission USDA - NRCS SWCDs (Fulton & Lucas in Ohio)		ongoing		3.3.1	all of watershed	X		X		X	X					X		X		
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	1) Develop inventory methodology utilizing existing AERIS system and other available resources	Maumee RAP Ag Runoff Action Group, SWCDs (Fulton & Lucas in Ohio), ODNR - SWC	U.S. ACE, Section 319, NatureWorks (ODNR)		concept		3.3.1; 3.3.4	all of watershed	X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	2) Convert electronic data into GIS map files				concept				X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	3) Intergrate with AERIS data				concept				X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	4) Determine impact on watershed and possible projects to reduce or eliminate				concept				X		X		X	X	X				X		X		
Sediment/Siltation	Cropland	Reduce the impact of erosion of water quality	Educate watershed landowners of their impact on water quality and of the benefits of riparian habitat protection or restoration	Maumee RAP Ag Runoff Action Group, SWCDs (Fulton & Lucas in Ohio), ODNR - SWC, Ohio EPA 319	Ohio EPA 319		concept		3.3.1	all of watershed	X		X		X	X	X				X		X		
Sediment/Siltation	Land clearing and infilling for development	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X		X	X					X		X		
Sediment/Siltation	Land clearing and infilling for development	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X		X	X					X		X		
Sediment/Siltation	Land clearing and infilling for development	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X		X	X					X		X		
Sediment/Siltation	Land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	1) Identify and evaluate existing wetlands using remote sensing	University of Toledo, Maumee RAP, TMACOG, Lucas Co.	OEPA 319	1999-2003	complete			portion on watershed in Lucas Co			X		X	X					X		X		
Sediment/Siltation	Land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	2) create GIS map of wetlands and potential wetlands				complete						X		X	X					X		X		
Sediment/Siltation	Land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	3) Identify restoration needs				complete						X		X	X					X		X		
Sediment/Siltation	Pasture	Cost share to install all-weather paddocks for horse owners	Install demonstration paddock in Lucas County	ODNR-DSWC, SWCD, NRCS	NRCS, ODNR-SWCD		concept				X		X		X	X					X		X		
Sediment/Siltation	Pasture	Develop potential project list based on Pasture Inventory Project Results					concept				X		X		X	X					X		X		

Swan Creek and Blue Creek Watershed Projects Table\*

\* BUI color coding is based on Swan Creek

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	
Sediment/Siltation	Pasture	Identify extent & benefit of BMPs used by farmers in watershed		Ohio Lake Erie Commission USDA - NRCS SWCDs (Fulton & Lucas in Ohio)	Ohio Lake Erie Commission USDA - NRCS SWCDs (Fulton & Lucas in Ohio)		concept		Chapter 11		X		X			X	X	X			X				
Sediment/Siltation	Pasture	Incentive programs for implementation of agricultural BMPs such as filter strips, manure management, pesticide management	Continue to promote and support the implementation of these programs				concept		3.3.1		X		X			X	X	X			X				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	1) Develop inventory methodology utilizing existing AERIS system and other available resources	Ohio Lake Erie Commission USDA - NRCS SWCDs (Fulton & Lucas in Ohio, Monroe & Lenawee in MI)	U.S. ACE, Section 319, NatureWorks (ODNR)		concept		3.3.6	all of watershed	X		X			X	X	X			X				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	2) Convert electronic data into GIS map files				concept				X		X			X	X	X			X				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	3) Intergrate with AERIS data				concept				X		X			X	X	X			X				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	4) Determine impact on watershed and possible projects to reduce or eliminate				concept				X		X			X	X	X			X				
Sediment/Siltation	Pasture	Reduce the impact of erosion of water quality	Educate watershed landowners of their impact on water quality and of the benefits of riparian habitat protection or restoration				concept		3.3.1		X					X	X	X			X				
Sediment/Siltation	Pasture	Western Lucas County Wet Prairie Complex (Phase 1)	Conduct ORAM Evaluation of site	Ohio EPA, City of Toledo, TMACOG, Metroparks		2004	complete		8.3.1; 8.3.2	Wolf Creek RM 5-7.5						X									
Sediment/Siltation	Pasture	Western Lucas County Wet Prairie Complex (Phase 2)	1) Land acquisition of 88 acres	Metroparks, The Nature Conservancy, Ohio EPA and City of Toledo	WRRSP (Ohio EPA through WPCLP Program)	2005-2009	planning	Awaiting 2005 award grant to acquire 88 acres in Kitty Todd Preserve, The Nature Conservancy Site adjacent to Wiregrass Ditch									X								
Sediment/Siltation	Pasture	Western Lucas County Wet Prairie Complex (Phase 2)	2) Restoration of headwater wet prairie				planning									X									
Sediment/Siltation	Riparian corridor destruction	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X			X	X				X				
Sediment/Siltation	Riparian corridor destruction	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X			X	X				X				
Sediment/Siltation	Riparian corridor destruction	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X			X	X				X				
Sediment/Siltation	Streambanks	Develop potential project list based on Streambank Inventory Project Results					concept			all of watershed	X		X			X	X				X				
Sediment/Siltation	Streambanks	Erie Street Market Riverwalk	1) Design Boardwalk	City of Toledo	City of Toledo	2000	complete				X		X	X		X	X				X				
Sediment/Siltation	Streambanks	Erie Street Market Riverwalk	2) Construct Boardwalk				complete				X		X	X		X	X				X				
Sediment/Siltation	Streambanks	Erie Street Market Riverwalk	3) Develop educational signage				complete				X		X	X		X	X				X				
Sediment/Siltation	Streambanks	Erie Street Market Riverwalk	4) Install signs				complete				X		X	X		X	X				X				
Sediment/Siltation	Streambanks	Inventory watershed for streambank conditions		Ohio EPA, ODNR, US F&WS, US ACE	US ACE [WRDA ?? 905(b)], Ohio EPA 319		concept		7.6.1; Chapter 11	all of watershed	X		X			X	X				X			NOTE: ACE recognizes & recommends use of OEPA's QHEI	
Sediment/Siltation	Streambanks	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X			X	X				X				
Sediment/Siltation	Streambanks	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X			X	X				X				
Sediment/Siltation	Streambanks	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X			X	X				X				
Sediment/Siltation	Streambanks	Western Lucas County Wet Prairie Complex (Phase 1)	Conduct ORAM Evaluation of site	Ohio EPA, City of Toledo, TMACOG, Metroparks		2004	complete		8.3.1; 8.3.2		X		X			X	X				X				
Sediment/Siltation	Streambanks	Western Lucas County Wet Prairie Complex (Phase 2)	1) Land acquisition of 88 acres	Metroparks, The Nature Conservancy, Ohio EPA and City of Toledo	WRRSP (Ohio EPA through WPCLP Program)	2005-2009	planning	Awaiting 2005 award grant to acquire 88 acres in Kitty Todd Preserve, The Nature Conservancy Site adjacent to Wiregrass Ditch			X		X			X	X				X				
Sediment/Siltation	Streambanks	Western Lucas County Wet Prairie Complex (Phase 2)	2) Restoration of headwater wet prairie				planning				X		X			X	X				X				
Sediment/Siltation	Urban/Suburban	Pond Clinic	Educate landowners on proper application of herbicides and alternate approaches to pond management; proper construction techniques including storm water BMPs.	OSU Extension Sea Grant, Fulton OSU Extension, Progressive Fisherman's Club		Annual	ongoing						X	X							X	X			

Swan Creek and Blue Creek Watershed Projects Table\*

\* BUI color coding is based on Swan Creek

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	
Sediment/Siltation	Vegetation removal for development	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X					X	X			X			
Sediment/Siltation	Vegetation removal for development	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X					X	X			X			
Sediment/Siltation	Vegetation removal for development	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X					X	X			X			
Thermal stress/sunlight	Riparian corridor destruction	Swan Creek Watershed Pilot Project	1) Enlist the participation of a majority of the jurisdictions in the watershed	TMACOG, more than 75% of the jurisdictions in the Swan Creek watershed	LEPF	2006-2008	in progress	State of Ohio and a majority of the participating jurisdiction endorses PCA/PDA		all of the watershed	X		X					X	X			X			
Thermal stress/sunlight	Riparian corridor destruction	Swan Creek Watershed Pilot Project	2) Determine priority conservation areas (PCA) and priority development areas (PDA)				in progress				X		X					X	X			X			
Thermal stress/sunlight	Riparian corridor destruction	Swan Creek Watershed Pilot Project	3) Encourage local jurisdictions to adopt PCAs and PDAs				in progress				X		X					X	X			X			
Toxic substances	Industrial discharges (current or old)	Continue to Implement remediation activities for other sites and sources (i.e. capping, etc.)	Develop Project	PRPs, US EPA, Ohio EPA	PRPs, US EPA, Legacy Act		concept				X		X	X				X	X			X			
Toxic substances	Industrial discharges (current or old)	Identify point sources					concept				X		X	X				X	X			X			
Toxic substances	Industrial discharges (current or old)	Maintain compliance with NPDES permits					ongoing				X		X	X				X	X			X			
Toxic substances	Industrial discharges (current or old)	NPDES permit GIS inventory (Phase 1)	1) Collect GIS coordinates for all current NPDES permits	Ohio EPA DSW	Ohio EPA	2005-07	in progress	Coordinates for all permits collected			X		X	X				X	X			X	X		
Toxic substances	Industrial discharges (current or old)	NPDES permit GIS inventory (Phase 1)	2) Convert electronic data into GIS map files				in progress				X		X	X				X	X			X	X		
Toxic substances	Industrial discharges (current or old)	NPDES permit GIS inventory (Phase 2)	Intergrate with AERIS data	TMACOG, Lucas County Auditor's Office	Maumee RAP		planning				X		X	X				X	X			X	X		
Toxic substances	Landfills (current or old)	Glendale Avenue Landfill, Swan Creek Metropark at Heilman Creek	Conduct Remedial Investigation	PRP's	PRP's		concept			RM 9.0	X		X	X				X	X			X			
Toxic substances	Urban Runoff	Develop and Implement Stormwater Management Plans (Phase I and II)	1) Identify illicit connections	MS4	MS4		in progress			RM ?? To RM 0	X		X	X				X	X			X			
Toxic substances	Urban Runoff	Develop and Implement Stormwater Management Plans (Phase I and II)	2) Identify sources not addressed by existing regulations (i.e. commercial)				in progress				X		X	X				X	X			X			
Toxic substances	Urban Runoff	Develop and Implement Stormwater Management Plans (Phase I and II)	3) Evaluate capacity/condition of existing systems; analysis of storm water flow, thermal impacts, runoff quality, erosion and sedimentation, and groundwater recharge.				in progress		Chapter 11		X		X	X				X	X			X			
Toxic substances	Urban Runoff	Educate public on sources/pathways					concept											X							
Toxic substances	Urban Runoff	Evaluate capacity/condition of existing systems; analysis of storm water flow, thermal impacts, runoff quality, erosion and sedimentation, and groundwater recharge.					concept				X	X	X	X	X	X	X	X	X			X	X		
Toxic substances	Urban Runoff	Evaluate impact of Phase II Stormwater regulations		Possibly Health Dept & Toledo's, MS4 Permit			concept											X							
Toxic substances	Urban Runoff	Evaluate upstream contributions					concept			RM 16 to headwaters	X		X	X				X	X			X			
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 1)	1) Develop project	Maumee RAP, TMACOG, local Jurisdictions, US F&WS, ODNR	OEEF, local jurisdictions, US F&WS, ODNR, Maumee RAP, TMACOG	2003-2006	complete	Educate public on sources/pathways of nonpoint and point source pollution; pre- and post-campaign surveys show increased awareness of citizens	5.6.2; 5.7.1; Chapter 10.5													X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	2) Release RFP/Hire contractors			9/3/2004	complete						X	X				X	X			X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	3) Create and distribute TV, cinema and newspaper ads			10/03-4/05	complete						X	X				X	X			X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	4) Create and distribute 6 tip cards & bonus items			10/03-4/05	complete						X	X				X	X			X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	5) Create and Implement pre-/post-campaign phone survey			12/03 & 5/05	complete						X	X				X	X			X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 2) (Business Campaign)	1) Develop project	Maumee RAP, TMACOG, local jurisdictions	Maumee RAP, TMACOG, local jurisdictions	2004-2006	in progress	Educate business owners, manager and employees on sources/pathways of nonpoint and point source pollution; show increased awareness of through the # of businesses voluntarily participating in campaign														X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 2) (Business Campaign)	2) Create and distribute 4 Guidebooks for local businesses			8/05-12/06	in progress						X	X				X	X			X	X		
Toxic substances	urban runoff	Give Water a Hand Campaign (Phase 2) (Business Campaign)	3) Create and distribute print ads (newspaper, magazines, newsletters, bulletins)			10/05-12/06	in progress						X	X				X	X			X	X		

