

Maumee River Watershed Projects 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	2011-2013	concept				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 Tribs 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		
Flow Alterations	Changing Land Uses	Lucas County Floodplain Map	1) Determine waterways to study and map versus redelinate	Lucas County Engineer and Auditor Offices, FEMA	Lucas County, FEMA	2005-2010	in progress	Study 60+ miles of stream to determine the current floodplain			X	X	X	X	X	X	X	X	X	X	X	X	X		
Flow Alterations	Changing Land Uses	Lucas County Floodplain Map	2) Conduct new studies			2005-2008	in progress				X	X	X	X	X	X	X	X	X	X	X	X	X		
Flow Alterations	Changing Land Uses	Lucas County Floodplain Map	3) Redelinate existing studies			2005-2008	in progress				X	X	X	X	X	X	X	X	X	X	X	X	X		
Flow Alterations	Changing Land Uses	Lucas County Floodplain Map	4) Request public comment on draft maps			2009	in progress				X	X	X	X	X	X	X	X	X	X	X	X	X		
Flow Alterations	Changing Land Uses	Lucas County Floodplain Map	5) Finalize maps and release electronically			2010	in progress				X	X	X	X	X	X	X	X	X	X	X	X	X		
habitat modifications	Changing Land Uses	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 of watershed in Lucas Co			X		X								X		
habitat modifications	Changing Land Uses	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	2) create GIS map of wetlands and potential wetlands				complete						X		X								X		
habitat modifications	Changing Land Uses	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	3) Identify restoration needs				complete						X		X								X		
habitat modifications	Changing Land Uses	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	1) Identify and evaluate existing wetlands using remote sensing	Maumee RAP, TMACOG, Wood Co, University of Toledo	Lake Erie Protection Fund, USEPA GLNPO, OEPA 319, Ohio Sea Grant	2005-2006	planning			portion of watershed in Wood Co			X		X								X		
habitat modifications	Changing Land Uses	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	2) create GIS map of wetlands and potential wetlands				planning						X		X								X		
habitat modifications	Changing Land Uses	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	3) Identify restoration needs				planning						X		X								X		
Nutrients	Cropland	Investigate current phosphorus data					concept																		
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	2006	concept				X		X		X		X	X							
Nutrients	Erosion and runoff from fertilized fields	Expand Student Watershed Watch Program into additional schools		Maumee RAP, TMACOG, Ohio EPA, public and private schools	private donations	year round	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Investigate current phosphorus data					concept																		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	1) Enlist teacher/schools to participate	Maumee RAP, TMACOG, Ohio EPA, public and private schools	private donations	August - November	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	2) Conduct teacher training (see SWW Teacher Training/Creditable Data Certification)				ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	3) Teachers submit requests for supplies needed to Maumee RAP and sampling plan to Ohio EPA (if Qualified Data Collector)			Sept	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	4) Supplies are distributed to participating teacher/schools			Sept	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	5) Teachers conduct student training and sampling on designated sampling day (preferably)			mid-Oct	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	6) Teachers submit student data to Maumee RAP (and Ohio EPA if Qualified Data Collector)			late Oct- early Nov	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	Student Watershed Watch	7) Student share data and finding at Student Summit			mid-Nov	ongoing						X		X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	SWW Teacher Training/Creditable Data Certification	1) Conduct Teacher Training	Maumee RAP, Ohio EPA, Lucas SWCD		2006	concept								X		X	X					X		
Nutrients	Erosion and runoff from fertilized fields	SWW Teacher Training/Creditable Data Certification	2) Award a certificate completion for training				concept								X		X	X					X		

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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 #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	Comments & Misc. Info.	
Nutrients	Erosion and runoff from fertilized fields	SWW Teacher Training/Creditable Data Certification	3) Submit certificate to Ohio EPA for Level 1 Qualified Data Collector (QDC) certification				concept											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, ODNR-SWCD, LSWCD	NRCS, ODNR-SWCD	2006-07	concept	Ability to calculate no-till acres and developed acres.				X			X										X	
Nutrients	Industrial discharges	Investigate current phosphorus data					concept											X								
Nutrients	Pasture	Investigate current phosphorus data					concept											X								
Nutrients	Urban runoff	Investigate current phosphorus data					concept											X								
Nutrients	Wastewater treatment plants	Investigate current phosphorus data					concept											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	
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	
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	
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; ODNR/CZM grants; foundations; local donations; cities		ongoing	# of stenciling manuals sold	Chapter 10.5; 5.7.1											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	
Organic Enrichment	Urban runoff	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	Conduct public Storm Drain Stenciling	Duck and Otter	OEEF, ODNR/CZM	April - Oct	ongoing	# of new storm drains stenciled;													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, ODRN-Bureau	Ohio Livestock Coalition, Farm Bureau, ODRN-DSWC	2006	concept				X		X		X			X		X	X					
Pathogens	Human and Animal Excreta	Determine possible sources within the Maumee AOC					concept												X	X						
Pathogens	Septic systems	Expand Student Watershed Watch Program into additional schools		Maumee RAP, TMACOG, Ohio EPA, public and private schools	private donations	year round	ongoing					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 watershed											X					
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	2) Convert electronic data into GIS map files				complete																		X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	3) Intergrate with AERIS data				complete																		X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 1)	4) Train Health Dept personnel to input data and use GIS system				in progress																		X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 2)	1) Scan paper copies to create electronic files of existing septic systems	TMACOG, Wood County Health Dept, Lucas County Auditor's Office, Northwest Regional Sewer District	LEPF, TMACOG, Lucas County Auditor's Office, Wood County Health Dept	2005-2007	in progress		5.6.2;	all of watershed															X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 2)	2) Convert electronic data into GIS map files				in progress																		X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 2)	3) Intergrate with AERIS data				in progress																		X	
Pathogens	Septic systems	GIS Septic System Inventory (Phase 2)	4) Train Health Dept personnel to input data and use GIS system				in progress																		X	
Pathogens	Septic systems	Review existing CSO data					concept												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																X	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	2) Identify septic system dye testing locations				complete																		X	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	3) Conduct stream sampling and dye testing				complete																		X	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	4) Prioritize areas for enforcement based on testing results				complete																		X	
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 1)	5) Pursue enforcement requiring upgrades or replacement of failed or inadequate systems				complete																		X	

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											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 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	2005	concept	Sample 50 stream sites and dye test 100 septic systems per county to reduced discharges of unmeasurable amounts of inadequately treated sewage														X			
Pathogens	Septic systems	Stream and Septic System Sampling Project (Phase 2)	2) Modify priority areas (if necessary)				concept															X			
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															X			
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														X			
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															X			
Pathogens	Septic systems	Student Watershed Watch	1) Enlist teacher/schools to participate	Maumee RAP, TMACOG, Ohio EPA, public and private schools	private donations	August - November	ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	2) Conduct teacher training (see SWW Teacher Training/Creditable Data Certification)				ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	3) Teachers submit requests for supplies needed to Maumee RAP and sampling plan to Ohio EPA (if Qualified Data Collector)			Sept	ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	4) Supplies are distributed to participating teacher/schools			Sept	ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	5) Teachers conduct student training and sampling on designated sampling day (preferably)			mid-Oct	ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	6) Teachers submit student data to Maumee RAP (and Ohio EPA if Qualified Data Collector)			late Oct- early Nov	ongoing															X	X	X	
Pathogens	Septic systems	Student Watershed Watch	7) Student share data and finding at Student Summit			mid-Nov	ongoing															X	X	X	
Pathogens	Septic systems	SWW Teacher Training/Creditable Data Certification	1) Conduct Teacher Training	Maumee RAP, Ohio EPA, Lucas SWCD		2006	concept															X	X	X	
Pathogens	Septic systems	SWW Teacher Training/Creditable Data Certification	2) Award a certificate completion for training				concept															X	X	X	
Pathogens	Septic systems	SWW Teacher Training/Creditable Data Certification	3) Submit certificate to Ohio EPA for Level 1 Qualified Data Collector (QDC) certification				concept															X	X	X	
Pathogens	Urban runoff	Review existing CSO data					concept															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															X			
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	2) Develop flow characterization plan			2004	complete															X			
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	3) Develop water quality study			2004	complete															X			
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	4) Develop hydraulic model			2003	complete															X			
Pathogens	Wastewater treatment plants	Develop Long Term Control Plan for Combined Sewer Overflows	5) Develop water quality model			2003	complete															X			
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															X			
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	2) Implement flow characterization plan				in progress															X			
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	3) Implement water quality study				in progress															X			
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	4) Implement hydraulic model				in progress															X			
Pathogens	Wastewater treatment plants	Implement Long Term Control Plan	5) Implement water quality model				in progress															X			
Pathogens	Wastewater treatment plants	Review existing CSO data					concept															X			





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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 #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	Comments & Misc. Info.
Pathogens	Wastewater treatment plants	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 100 septic systems per county to reduced discharges of unmeasurable amounts of inadequately treated sewage	5.6.2; Chapter 11												X				
Pathogens	Wastewater treatment plants	Stream and Septic System Sampling Project (Phase 1)	2) Identify septic system dye testing locations				complete														X				
Pathogens	Wastewater treatment plants	Stream and Septic System Sampling Project (Phase 1)	3) Conduct stream sampling and dye testing				complete														X				
Pathogens	Wastewater treatment plants	Stream and Septic System Sampling Project (Phase 1)	4) Prioritize areas for enforcement based on testing results				complete														X				
Pathogens	Wastewater treatment plants	Stream and Septic System Sampling Project (Phase 1)	5) Pursue enforcement requiring upgrades or replacement of failed or inadequate systems				complete														X				
Pathogens	Wastewater treatment plants	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	2005	concept	Sample 50 stream sites and dye test 100 septic systems per county to reduced discharges of unmeasurable amounts of inadequately treated sewage															X		
Pathogens	Wastewater treatment plants	Stream and Septic System Sampling Project (Phase 2)	2) Modify priority areas (if necessary)				concept																X		
Pathogens	Wastewater treatment plants	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																X		
Pathogens	Wastewater treatment plants	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																X	
Pathogens	Wastewater treatment plants	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																X		
Pathogens	Wastewater treatment plants	Student Watershed Watch	1) Enlist teacher/schools to participate	Maumee RAP, TMACOG, Ohio EPA, public and private schools	private donations	August - November	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	2) Conduct teacher training (see SWW Teacher Training/Creditable Data Certification)				ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	3) Teachers submit requests for supplies needed to Maumee RAP and sampling plan to Ohio EPA (if Qualified Data Collector)			Sept	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	4) Supplies are distributed to participating teacher/schools			Sept	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	5) Teachers conduct student training and sampling on designated sampling day (preferably)			mid-Oct	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	6) Teachers submit student data to Maumee RAP (and Ohio EPA if Qualified Data Collector)			late Oct- early Nov	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	Student Watershed Watch	7) Student share data and finding at Student Summit			mid-Nov	ongoing										X			X	X			X	
Pathogens	Wastewater treatment plants	SWW Teacher Training/Creditable Data Certification	1) Conduct Teacher Training	Maumee RAP, Ohio EPA, Lucas SWCD		2006	concept										X			X	X			X	
Pathogens	Wastewater treatment plants	SWW Teacher Training/Creditable Data Certification	2) Award a certificate completion for training				concept										X			X	X			X	
Pathogens	Wastewater treatment plants	SWW Teacher Training/Creditable Data Certification	3) Submit certificate to Ohio EPA for Level 1 Qualified Data Collector (QDC) certification				concept										X			X	X			X	
Pesticides	All land where pesticides are used	Determine chemical makeup of products currently in use.					concept				X														
Pesticides	All land where pesticides are used	Develop or support educational programs for proper use of pesticides.					concept		5.7.1; Chapter 10.5		X														
Pesticides	All land where pesticides are used	Develop or support new or existing pesticide disposal programs.					concept		5.7.1; Chapter 10.5		X		X												
Pesticides	Sites of historical usage (chlorinated pesticides)	Determine chemical makeup of products used and those currently in use.					concept				X														
Pesticides	Sites of historical usage (chlorinated pesticides)	Develop or support educational programs for proper use of pesticides.					concept		5.7.1; Chapter 10.5		X														

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Pesticides	Sites of historical usage (chlorinated pesticides)	Develop or support new or existing pesticide disposal programs.					concept				X			X											
Pesticides	Urban runoff	Determine chemical makeup of products used and those currently in use.					concept				X														
Pesticides	Urban runoff	Develop or support educational programs for proper use of pesticides.					concept		5.7.1; Chapter 10.5		X														
Pesticides	Urban runoff	Develop or support new or existing pesticide disposal programs.					concept				X		X												
Pesticides	Urban/Suburban	Organic Lawn Care Clinic	Less fertilizer in urban/suburban runoff	SWCD/Black Swamp Conservancy	SWCD	Annual	ongoing					X		X											
Pesticides	Urban/suburban areas	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	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	Waterville			X		X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	Give Water a Hand Campaign (Phase 1) (Residential Campaign)	2) Release RFP/Hire contractors			9/3/04	complete					X		X	X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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		Waterville			X		X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	Give Water a Hand Campaign (Phase 3) (Watershed Awareness Campaign)	1) Design watershed signs for 4 streams (Ottawa, Swan, Maumee & Lake Erie)	Maumee RAP, TMACOG, local jurisdictions, organizations	Maumee RAP, TMACOG, local jurisdictions, organizations	Spring 2005	complete			Waterville			X		X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	Give Water a Hand Campaign (Phase 3) (Watershed Awareness Campaign)	2) Place bulk order for local jurisdictions and organizations			Jun-05	complete					X		X	X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	Give Water a Hand Campaign (Phase 3) (Watershed Awareness Campaign)	3) Distribute signs for local jurisdictions and organizations to use			Jul-05	complete					X		X	X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	Give Water a Hand Campaign and educational materials	Distribute info at events, programs and presentations	Maumee RAP; Lucas, Ottawa and Wood SWCDs	Maumee RAP; Lucas, Ottawa and Wood SWCDs	year round	ongoing					X		X	X	X	X	X	X	X	X	X	X	X	
Pesticides	Urban/suburban areas	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	Waterville			X		X				X				X		
Pesticides	Urban/suburban areas	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		
Pesticides	Urban/suburban areas	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		
Pesticides	Urban/suburban areas	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; ODNR/CZM grants; foundations; local donations; cities		ongoing	# of stenciling manuals sold	Chapter 10.5; 5.7.1										X				X		
Pesticides	Urban/suburban areas	Storm Drain Stenciling Program (Drains are for Rain) (Phase 2)	2) Fill orders for local jurisdictions and organizations as placed				ongoing												X				X		
Pesticides	Urban/suburban areas	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, ODNR/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		

Maumee River Watershed Projects Table

										BUI Color Code:  Impaired  Not Impaired  Unknown  Not Applicable															
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 #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	Comments & Misc. Info.
Refuse, litter, etc	litter	CYS Day	1) Establish planning team	Maumee RAP; Duck and Otter Creeks Partnership; ORKA; Cities of Oregon, Northwood, Toledo; TMACOG; Lake Erie Commission; various other community partners	Solicit private and public contributions, grants when available	April - Sept (annually)	ongoing	Relative to previous years: 1) tons of garbage and debris removed from area streams; 2) number of volunteers that participate; 3) # of sites/RM cleaned 4) amount of support received for planning and funding the event	Chapter 10.5				X								X				
Refuse, litter, etc	litter	CYS Day	2) Solicit contributions and site captain support			April - Sept							X								X				
Refuse, litter, etc	litter	CYS Day	3) Distribute promotional materials			June - Sept	ongoing						X								X				
Refuse, litter, etc	litter	CYS Day	4) Select waterways and sites to be cleaned			Aug	ongoing						X								X				
Refuse, litter, etc	litter	CYS Day	5) Conduct site captain training			Sept	ongoing						X								X				
Refuse, litter, etc	litter	CYS Day	6) Hold event and appreciation picnic			Sept	ongoing						X								X				
Sediment/Siltation	Construction	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept				X			X											
Sediment/Siltation	Construction	Evaluate land use					concept						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											
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	2) Write manual				complete						X												
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	3) Identify alternative development designs/layouts that protect water quality				complete						X												
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 1)	4) Encourage local jurisdictions to adopt manual as their standards				complete						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											
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 2)	2) Update chapters with new content and regulations			2005-2006	in progress						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												
Sediment/Siltation	Construction	Regional Storm Water Standards Manual (Phase 3)	Maintain and update manual as needed				ongoing						X												
Sediment/Siltation	Construction	Require BMPs on smaller developments					concept						X			X									
Sediment/Siltation	Cropland	Develop watershed management plan					concept						X												
Sediment/Siltation	Cropland	Educate watershed landowners on water quality impacts of erosion and benefits of riparian habitat protection or restoration.					concept		Chapter 10.5; 5.7.1				X												
Sediment/Siltation	Cropland	Evaluate agricultural land use in watershed (including upstream sources)		RAP Ag Runoff Group	USACE, Section 319		concept		Chapter 11				X												
Sediment/Siltation	Cropland	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept				X			X											
Sediment/Siltation	Cropland	Identify extent & benefit of conservation tillage and other BMPs used by farmers in watershed					concept		Chapter 11				X			X									
Sediment/Siltation	Cropland	Incentive programs for implementation of agricultural BMPs such as filter strips & conservation tillage, fertilizer/pesticide mgmt.	Continue to promote and support the implementation of these programs	Ohio Lake Erie Commission, USDA - NRCS, Lucas SWCD	Ohio Lake Erie Commission, USDA - NRCS, Lucas SWCD		concept		3.3.1	all of watershed			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, Lucas SWCD, ODNR - SWC	U.S. ACE, Section 319, NatureWorks (ODNR)		concept		3.3.1						X										
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	2) Convert electronic data into GIS map files				concept								X										
Sediment/Siltation	Cropland	Inventory watershed for amount of acreage in cropland	3) Integrate with AERIS data				concept								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										
Sediment/Siltation	Cropland	Promote buffer zones and no till farming		SWCDs,			concept		3.3.1												X				

Maumee River Watershed Projects 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: #87CEEB;">■</span> Impaired <span style="color: #90EE90;">■</span> Not Impaired <span style="background-color: #FFFF00;">■</span> Unknown <span style="background-color: #F4A460;">■</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	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, ODNR - SWC, Ohio EPA 319	Ohio EPA 319		concept		Chapter 10.5																		
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 of watershed in Lucas Co																	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
Sediment/Siltation	land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 1) (Lucas Co.)	3) Identify restoration needs				complete																				X
Sediment/Siltation	land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	1) Identify and evaluate existing wetlands using remote sensing	Maumee RAP, TMACOG, Wood Co, University of Toledo	LEPF, USEPA GLNPO, OEPA 319, Ohio Sea Grant	2005-2006	planning			portion of watershed in Wood Co																	X
Sediment/Siltation	land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	2) create GIS map of wetlands and potential wetlands				planning																				X
Sediment/Siltation	land clearing and infilling for development	Wetlands Inventory and Mapping (Phase 2) (Wood Co.)	3) Identify restoration needs				planning																				X
Sediment/Siltation	Other land disturbing activities	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept																			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	
Sediment/Siltation	Pasture	Develop potential project list based on Inventory Project Results					concept																				X
Sediment/Siltation	Pasture	Develop watershed management plan					concept																				X
Sediment/Siltation	Pasture	Educate watershed landowners on water quality impacts of erosion and benefits of riparian habitat protection or restoration.					concept		Chapter 10.5; 5.7.1																		
Sediment/Siltation	Pasture	Evaluate agricultural land use in watershed (including upstream sources)					concept		Chapter 11																		
Sediment/Siltation	Pasture	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept																			X	
Sediment/Siltation	Pasture	Identify extent & benefit of conservation tillage and other BMPs used by farmers in watershed					concept		Chapter 11																		
Sediment/Siltation	Pasture	Incentive programs for implementation of agricultural BMPs such as filter strips & conservation tillage, fertilizer/pesticide mgmt.	Continue to promote and support the implementation of these programs	Ohio Lake Erie Commission, USDA - NRCS, Lucas SWCD	Ohio Lake Erie Commission, USDA - NRCS, Lucas SWCD		concept		3.3.1	all of watershed																	
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	1) Develop inventory methodology utilizing existing AERIS system and other available resources	RAP Ag Runoff Action Group, Lucas SWCDs., ODNR - SWC	U.S. ACE, Section 319, NatureWorks (ODNR)		concept		3.3.1; 3.3.6; Chapter 11																		
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	2) Convert electronic data into GIS map files				concept																				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	3) Integrate with AERIS data				concept																				
Sediment/Siltation	Pasture	Inventory watershed for amount of acreage in pasture	4) Determine impact on watershed and possible projects to reduce or eliminate				concept																				
Sediment/Siltation	Pasture	Promote buffer zones and no till farming		SWCDs,			concept																				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		Chapter 10.5																		
Sediment/Siltation	Roads	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept																			X	
Sediment/Siltation	Stream banks	Collect additional data as needed					concept																				
Sediment/Siltation	Stream banks	Develop potential project list					concept																				
Sediment/Siltation	Stream banks	Identify additional data needed					concept																				
Sediment/Siltation	Stream banks	Streambank tree planting					concept		7.6.1; 8.3.3																		
Sediment/Siltation	Streambanks	Evaluate existing sediment data regarding PCB and Hg to determine if there is a link with fish tissue concentrations	Develop a project plan to identify additional partners and funding sources	Ohio EPA, Bowling Green State University (BGSU)			concept																			X	
Sediment/Siltation	Streambanks	Promote buffer zones and no till farming		SWCDs			concept																				

Maumee River Watershed Projects Table

											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														
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 #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	Comments & Misc. Info.
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					X	X			
Toxic Substances	atmospheric deposition	Educate public on sources/pathways					concept				X														
Toxic Substances	atmospheric deposition	Evaluate existing data for the location of "hot spots".					concept				X														
Toxic Substances	atmospheric deposition	Identify sources not addressed by existing regulations (i.e. commercial)					concept				X														
Toxic Substances	atmospheric deposition	Identify vulnerable areas.		Bowling Green State University	Grant?		concept				X														
Toxic Substances	atmospheric deposition	Implement a regional/watershed management program	1) control increases in runoff rates, 2) prevent losses in infiltration, 3) prevent runoff pollution	Toledo & other local governments, RAP Urban Runoff Action Group	Lake Erie Protection fund Local Jurisdiction.		concept				X														
Toxic Substances	atmospheric deposition	Implement permit/inspection program to encourage industries to minimize pollutant exposure.					concept				X														
Toxic Substances	atmospheric deposition	Provide/identify BMPs (may be based on a performance criteria) to prevent/remove pollutants.					concept				X														
Toxic Substances	Industrial discharges	Identify point sources		Ohio EPA	Ohio EPA		concept						X												
Toxic Substances	Industrial discharges	Implement permit/inspection program to encourage industries to minimize pollutant exposure.		Ohio EPA Permittees	Ohio EPA	ongoing	concept				X														
Toxic Substances	Industrial Discharges	Industrial Waste Minimization Plan	Implement program to reduce industrial waste flow during CSO events	City of Toledo	City of Toledo	2002-2007	in progress					X	X	X	X	X	X								X
Toxic Substances	Industrial discharges	Maintain compliance with NPDES permits		Ohio EPA Permittees	Ohio EPA	ongoing	concept						X												
Toxic Substances	Industrial discharges	Provide/identify BMPs (may be based on a performance criteria) to prevent/remove pollutants.		Ohio EPA	Ohio EPA		concept				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	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	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	X	X	X	
Toxic Substances	Urban runoff	Educate public on sources/pathways					concept				X		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												
Toxic Substances	Urban runoff	Evaluate existing data for the location of "hot spots".					concept							X											
Toxic Substances	Urban runoff	Evaluate existing data for the location of "hot spots".					concept				X			X											
Toxic Substances	Urban Runoff	Evaluate impact of Phase II Stormwater regulations					concept							X											
Toxic Substances	Urban Runoff	Evaluate upstream contributions					concept							X											
Toxic Substances	Urban Runoff	Identify illicit connections					concept							X											
Toxic Substances	Urban runoff	Identify sources not addressed by existing regulations (i.e. commercial)					concept				X		X												
Toxic Substances	Urban runoff	Implement a regional/watershed management program	1) control increases in runoff rates, 2) prevent losses in infiltration, 3) prevent runoff pollution	Toledo & other local governments, RAP Urban Runoff Action Group	Lake Erie Protection fund Local Jurisdiction.		concept				X														
Toxic Substances	Urban runoff	Implement permit/inspection program to encourage industries to minimize pollutant exposure.					concept				X			X											
Toxic Substances	Urban Runoff	Performance bond/tie compliance into building permits.					concept							X											
Toxic Substances	Urban Runoff	Provide venues for proper disposal of wastes					concept		5.7.1					X											
Toxic Substances	Urban runoff	Provide/identify BMPs (may be based on a performance criteria) to prevent/remove pollutants.					concept				X		X												
Toxic substances	Urban Runoff	Stormwater Coalition (fka. Stormwater Policy Board, Maumee River Regional Stormwater Coalition)	1) Establish a voluntary regional partnership to facilitate collaboration	Toledo & other local governments, Maumee RAP Urban Runoff Action Group			complete				X		X		X	X	X			X	X		X	X	
Toxic substances	Urban Runoff	Stormwater Coalition (fka. Stormwater Policy Board, Maumee River Regional Stormwater Coalition)	2) Evaluate the feasibility of establishing a regional stormwater utility		Lake Erie Protection Fund, local jurisdictions		complete				X		X		X	X	X			X	X		X	X	
Toxic substances	Urban Runoff	Stormwater Coalition (fka. Stormwater Policy Board, Maumee River Regional Stormwater Coalition)	3) Develop framework and steps to establishing a regional utility		Lake Erie Protection Fund, local jurisdictions		complete				X		X		X	X	X			X	X		X	X	



Maumee River Watershed Projects Table

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											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	
Toxic substances	Urban Runoff	Stormwater Coalition (fka. Stormwater Policy Board, Maumee River Regional Stormwater Coalition)	4) Continue to collaborate on regional projects				ongoing				X		X			X		X	X		X	X			
Toxic Substances	Wastewater treatment plants	Educate public on sources/pathways					concept				X														
Toxic Substances	Wastewater treatment plants	Evaluate existing data for the location of "hot spots".					concept				X		X												
Toxic Substances	Wastewater treatment plants	Identify sources not addressed by existing regulations (i.e. commercial)					concept				X														
Toxic Substances	Wastewater treatment plants	Implement a regional/watershed management program	1) control increases in runoff rates, 2) prevent losses in infiltration, 3) prevent runoff pollution	Toledo & other local governments, RAP Urban Runoff Action Group	Lake Erie Protection fund Local Jurisdiction.		concept				X														
Toxic Substances	Wastewater treatment plants	Implement permit/inspection program to encourage industries to minimize pollutant exposure.					concept				X														
Toxic Substances	Wastewater treatment plants	Provide/identify BMPs (may be based on a performance criteria) to prevent/remove pollutants.					concept				X														