

6.3.1 General Action Register to Implement the Watershed Management Plan (Goals 1 – 11)

The following table consists of general objectives that are needed to implement the Upper Maumee River Watershed Management Plan and reach all goals outlined in the WMP including reducing nutrient, sediment, and E. coli loading, increase knowledge regarding on-site waste disposal, reduce the amount of polluted stormwater discharging into the rivers, mitigate runoff from animal feeding operations, promote safe recreation and water quality within the UMRW, increase the use of riparian buffers, and reduce permit exceedances from WWTPs.

Hire Personnel and Acquire Necessary Funding				
Objective	Target Audience	Implementation Timeframe	Milestone	Partners (P) / Technical Assistance (TA)
Implement the Upper Maumee River Watershed Management Plan	Upper Maumee River Watershed Stakeholders	Within the First Three Years after WMP Approval then ongoing	Hire personnel to implement the WMP (6 months)	Allen, DeKalb, Defiance, Paulding SWCD and NRCS offices, Purdue and OSU Extensions, IDEM, IN DNR and ODNR, OEPA (P and TA), Federal Grants such as Great Lakes Commission and Great Lakes Restoration Initiative (P, TA)
			Secure Funding to Implement the WMP including any office over head and salaries (6 months)	\$60,000/ year
			Secure funding to promote education and outreach programs (6 months)	\$1,500
			Secure Funding to Begin Water Quality Sampling Efforts (3 years)	***

*** Cost included in salary.

Provide Education and Outreach in Critical Areas				
Objective	Target Audience	Implementation Timeframe	Milestone	Partners (P) / Technical Assistance (TA)
Develop and Implement an Agriculture Education and Outreach Program	Upper Maumee River Watershed Stakeholders Located within Critical Areas	Within the First 12 Months after WMP Approval then ongoing	Compile an ag. Education/Outreach Plan (6 months)	***
			Develop and Disseminate an Ag. Education Brochure (8 months)	\$4,000
			Hold First Annual Ag. BMP Workshop/Field Day (12 months)	\$1,500 / year
			Purchase two billboards/County advertising stream buffers (12 mos)	\$7,500/ BMP

Provide Education and Outreach in Critical Areas					
Objective	Target Audience	Implementation Timeframe	Milestone	Estimated Cost	Partners (P) / Technical Assistance (TA)
Develop and Implement an Agriculture Education and Outreach Program Specific to Livestock Operators	Upper Maumee River Watershed Livestock Operators	Within the First 12 Months after WMP Approval then ongoing	Compile a livestock education/outreach plan (4 months)	***	Allen, DeKalb, Defiance, and Paulding County SWCD and NRCS offices (P, TA) Purdue and Ohio State Extensions (P, TA)
			Develop and disseminate a livestock education brochure (6 months)	\$2,000	
			Hold first annual pasture walk (12 months)	\$500 / year	
			Compile an urban education and outreach plan (12 months)	\$4,000	
			Install a Demonstration Limited Access Stream Crossing in an Underserved Community in the Watershed (12 months)	\$7,500	
Develop and Implement an Urban Education and Outreach Program	Upper Maumee River Watershed Stakeholders in Critical Areas (Fort Wayne, New Haven, and Hicksville)	Within the First 24 Months after WMP Approval then ongoing	Compile an urban education and outreach plan (12 months)	***	Allen, Defiance, DeKalb and Paulding County Planning Commissions (P) Fort Wayne, New Haven, and Hicksville, Administrators, MS4 coordinators and Decision Makers (P), WLEB Commission (P)
			Develop and disseminate an urban education brochure (12 months)	\$4,000	
			Hold first Annual urban BMP Workshop (18 months)	\$1,000 / year	
			Install a Demonstration Urban BMP in the Watershed (18 months)	\$500 / year	
Develop and Implement a Septic System Educational Program	Upper Maumee River Watershed Stakeholders who Utilize Septic Systems	Within the First 18 Months after WMP Approval then ongoing	Develop and/or Disseminate a Septic System Maintenance Brochure (18 months)	\$4,000	Allen, DeKalb, Defiance, and Paulding County Health Departments and SWCDs (P,TA) Septic Issues, Collaborative Solutions working group (P)
			Hold First Annual Septic System Workshop for homeowners and one for on-site waste disposal installers (18 months)	\$1,000/ year	

Provide Education and Outreach in Critical Areas					
Objective	Target Audience	Implementation Timeframe	Milestone	Estimated Cost	Partners (P) / Technical Assistance (TA)
Implement an Outreach Program Regarding Safe Recreating on the River and General Water Quality	Upper Maumee River Watershed Stakeholders	Within the First 48 Months after WMP Approval then ongoing	Place 15 interpretive signs along the Maumee River Corridor regarding water quality and safe recreating (36 months)	\$10,000	Save Maumee Grassroots Organization (P), Maumee Valley Heritage Corridor (P), IN DNR and ODNR (P), NW Ohio River Runners (P), River Greenway Consortium (P), City and County Park Departments (P), Maumee River Basin Commission (P), MRBPLG (P)
			Develop and disseminate brochures regarding recreational opportunities and potential obstacles or threats along the River (36 months)	\$4,000	
			Work with Partners to develop a map of recreational opportunities and potential obstacle or threats along the river (36 - 48 months)	\$7,500	
Educate the Public on the Causes of WWTP Exceedances	Upper Maumee River Watershed Stakeholders within a Sewer District	Within the First 18 Months after WMP Approval then ongoing	Work with partners of local WWTPs to provide public tours of the WWTP facilities (18 months)	\$100/ year	IDEM and OEPA (P, TA), Rural Community Assistance Partnership (RCAP) (P, TA), State and County Health Departments (P, TA), Local WWTP Owners and Operators (P, TA), Urban Waters Initiative (P, TA)
			Develop and disseminate brochures explaining how WWTPs operate (12 months)	\$1000/ year	
			Develop and publish two press releases annually explaining WWTP operations and reasons for exceedances of permit limits (12 months)	\$100/ year	

*** Cost included in salary.

Partner with Key Organizations to Assist with WMP Implementation					
Objective	Target Audience	Implementation Timeframe	Milestone	Estimated Cost	Partners (P) / Technical Assistance (TA)
Partner with Organizations who are Providing Education/Outreach or cost assistance with Septic Issues Partner with Organizations who are Providing Education/Outreach or cost assistance with Septic Issues	Upper Maumee River Watershed Septic System Stakeholders	Within the First 12 Months after WMP Approval	Meet with County Health Departments Annually to Discuss Septic Issues (6 months)	\$500/ year	Allen, DeKalb, Defiance, and Paulding County Health Departments and SWCDs (P,TA) <i>Septic Issues, Collaborative Solutions working group (P)</i>
			Meet with Other organizations addressing septic issues biannually (6 months)	\$500/ year	
			Work with Local Septic System Businesses to offer discounts to stakeholders who sign up for regular septic maintenance including pump-outs and inspections. (12 months)	\$500/ year	
Partner with Municipalities and other Organizations who are Providing Education and Outreach or Cost Assistance with Urban Stormwater Issues	Upper Maumee River Watershed Urban Stormwater Stakeholders	Within the First 18 Months after WMP Approval	Make contact with City and County Planners / MS4 Coordinators (6 months)	\$300 / year	Allen, Defiance, DeKalb and Paulding County Planning Commissions (P) Fort Wayne, New Haven, and Hicksville, Administrators, MS4 coordinators and Decision Makers (P), WLEB Commission (P)
			Meet with City and County Decision Makers Bi-monthly (8 months)	\$300 / year	
			Work with City and County Planners to Encourage Low Impact Design for New Developments (18 months)	\$500/ year	
			Partner with organizations that currently provide urban education and outreach (12 months)	\$300/ year	

Partner with Key Organizations to Assist with WMP Implementation					
Objective	Target Audience	Implementation Timeframe	Milestone	Estimated Cost	Partners (P) / Technical Assistance (TA)
			Partner with the MRBC and Black Swamp Conservancy to offer assistance promoting their Purchase of Easements and Acquisition of Structures in the Floodplain Programs (12 months)	\$1,500/ year	Maumee River Basin Commission and the Black Swamp Conservancy (P, TA)
Partner with Other Organizations Who Encourage Recreating on the Maumee River	Upper Maumee River Watershed Recreation Stakeholders	Within the First 24 Months after WMP approval then ongoing	Make contact with one local organization monthly until all have been reached (24 months)	\$400 / year	Save Maumee Grassroots Organization (P), Maumee Valley Heritage Corridor (P), IN DNR and O DNR (P), NW Ohio River Runners (P), River Greenway Consortium (P), City and County Park Departments (P), IN and OH DNR (P), Maumee River Basin Commission (P), MRBPLG (P)
			Meet with Organizations who have agreed to be partners on a quarterly basis (24 months)	\$400 / year	
Partner WWTP Owners/ Operators Acquire Funding to Make Necessary Upgrades to the Systems	Upper Maumee River Watershed WWTP Owners/ Operators	Within the First 12 Months after WMP Approval and Ongoing	Make Contact with All Operators of WWTPs with Effluent Exceedances (6 months)	\$400/ year	IDEM and OEPA (P, TA), Rural Community Assistance Partnership (RCAP) (P, TA), State and County Health Departments (P, TA), Local WWTP Owners and Operators (P, TA), Urban Waters Initiative (P, TA)
			Meet with WWTP Owners/Operators, and Engineers Biannually to discuss funding options and progress (12 months)	\$400/ year	
			Work with WWTP operators to Identify cause of exceedance and possible solutions (12 months)	\$1,000/ year	

Develop and Promote Cost-share Programs					
Objective	Target Audience	Implementation Timeframe	Milestone	Estimated Cost	Partners (P) / Technical Assistance (TA)
Develop, and Promote a Cost-share Program on BMPs to Reduce Pollutant Loadings	Upper Maumee River Watershed Stakeholders	Within the First 18 Months after WMP Approval	Secure Funding to Implement the Cost-share Program (12 months)	***	Allen, DeKalb, Defiance, and Paulding County SWCD and NRCS Offices and Health Departments (P) Allen County Partnership for Water Quality (P) City and County Parks Departments (P) MS4 Coordinators and LTCIP Implementors (P), The Nature Conservancy, MRBC and Black Swamp Conservancy (P, TA), Purdue and Ohio State Extensions (P, TA), Farm Service Agency (P), TRI-State Watershed Partnership (P), Maumee River Watershe Partnership (P), IDEM, INDNR, OEPA, ODNR (P, TA)
			Program Developed for Agriculture Cost Share Opportunities (6 months)	***	
			Develop and disseminate a Ag. Cost-share Brochure (8 months)	\$1,500 / year	
			Program Developed for Urban Cost Share Opportunities (12 months)	***	
			Develop and disseminate an Urban Cost-share Brochure (18 months)	\$1,500/ year	
			Program Developed for Septic System Repair and Replace Cost-share Opportunities (12 months)	***	
	Develop and disseminate a Septic System Cost-share Brochure (18 months)	\$1,500/ year			

*** Cost included in salary.