

1998 Maumee RAP

Activities & Accomplishments



MRIC

- ▶ Assigned delegation to work with Ohio EPA & TMACOG to evaluate relations - Feb.
- ▶ Maumee RAP website developed in cooperation with Ohio EPA to compliment the comprehensive web page developed in 1997, includes meeting & event information, RAP publications, etc. - Aug.
- ▶ Revised and Adopted Operating Procedures - Dec.
- ▶ Adopted new Maumee RAP logo - Dec.

Agricultural Runoff Action Group

- ▶ *Strip-till Equipment Lease Program* continues
 - Leased for use on 800 acres (1550 acres total 1997 & 1998)
- ▶ *Toussaint River Improvement Incentive Program* continues
 - Approved 49 applications - January 6, March 11 & October 14
 - Installation of the Streambank Stabilization Proj. (co-sponsored by Open Space & Wetlands)-May 16
 - Enrolled 129 acres of Floodplain, 32 acres of Filter Strip, & 1370 acres in Con-tillage
 - Produced full color booklet on the success of the project - August
 - Conducted media/information day - Aug. 6

Dumps and Landfills Action Group

- ▶ Continued working with partners towards hosting a Duck and Otter Creeks Stakeholder's Summit
- ▶ Ongoing comments & site visits regarding Stickney/Tyler/XXKem cap installation
- ▶ Conducted a *Bus Tour of Ottawa River Sites* being remediated - June 2

Finance Action Group

- ▶ Began developing a fundraising brochure with the Public Outreach and Education Action Group

Open Space and Wetlands Action Group

- ▶ Distributed 1275 trees from NIFTI to Toledo Metroparks, Ottawa National Wildlife Refuge, Ohio EPA, ODNR-Maumee Bay State Park, Wood Co. Humane Society, Wood Co. Recycling - April
- ▶ Installation of the Toussaint Streambank Stabilization Project (co-sponsored by Ag. Runoff) - May 16
- ▶ Began developing wetlands inventory project with the US Army Corps of Engineers - summer
- ▶ Began discussion of creating a Lucas Co. Wetlands Banking Project - Fall

Ottawa River Action Group

- ▶ *Recreational and Economic Value of Dredging the Ottawa River* - \$6105 LEPP Small Grant [\$2272 match from action group & \$1027 match from Sea Grant]- to Ohio Sea Grant Extension
- ▶ *Second Annual Maumee Watershed Clean Your Streams Day* (co-sponsored by Swan Creek) - Sept. 12
- ▶ Hosted *Profiling of the Ottawa River III* with over 70 people attending - Sept. 23

Public Outreach and Education Action Group

- ▶ Developed new logo for the Maumee RAP
- ▶ Began developing a fundraising brochure with the Finance Action Group
 - Received grant from Ohio EPA to finance the development & printing (\$4500) - Sept.
- ▶ Adopted Pollution Prevention Team as a sub-committee - June
 - *Northwest Ohio P2 Team Public Outreach* (\$5000 PETE grant [\$1000 matching])-July
 - *Pollution Prevention in Northwest Ohio* (\$4290 LEPP small grant [\$2900 matching])-Aug

Swan Creek Action Group

- ▶ Remediation of the Stickney Ave. & Tyler St. Landfills including the installation of caps and a leachate collection system for XXKem - estimated cost \$36.7 million - on-site work completed Dec.
- ▶ Time critical removal/remediation at the Toledo Tie Treatment Facility including removal of contaminated sediment, excavation of lagoons and remediation of ditch banks - estimated cost \$3.0 million - on-site work began Nov.
- ▶ Remediation of the Detroit Lead Battery Recycling Facility including removal of contaminated sediments and deed restrictions - estimated cost \$500,000 - on-site work began Oct.
- ▶ Remediation of the Commercial Oil Facility including excavation of lagoons with on-site stabilization, creation of an on-site landfill cell, disposal and capping of stabilized materials - estimated cost \$27.5 million - completion expected Sept. 1999
- ▶ The City of Toledo completed the Williams CSO sewer separation project - \$1.5 million
- ▶ The City of Toledo awarded a design contract for Phase 1 of the Point Place SSO Elimination Project to eliminate 32 known cross-connections and provide a pump station to isolate the Point Place sanitary sewer system - total estimated cost for Phase 1 \$11 million

1999 Maumee RAP Activities & Accomplishments



Maumee RAP Committee

- ▶ Continued regular meetings with Relationship Group of Ohio EPA & TMACOG
- ▶ Expanded Maumee RAP website, in cooperation with Ohio EPA, to include RAP documents and bi-monthly newsletters
- ▶ Printed color letterhead and envelopes with new Maumee RAP logo

Agricultural Runoff Action Group

- ▶ *Strip-till Equipment Lease Program* continues
 - Leased for use on 1190 acres (2740 acres total 1997 - 1999)
- ▶ *Toussaint River Improvement Incentive Program* continues
 - Approved 12 applications - March
 - Enrolled 113 acres of Floodplain, .54 acres of Filter Strip, & 179.06 acres in Con-tillage
 - Conducted event promotion 1) TMACOG's Growth Strategies Day - April
2) Wood and Ottawa County Fairs - July & August
- ▶ Submitted two Ohio EPA 319 grant proposals (applicant - TMACOG)
 - 1) *Toussaint R. Home Septic Improvement Program* (\$300,000 [\$202,656 match])(declined)
 - 2) *Toussaint R. Improvement Incentive Prog. Expansion* (\$300,000 [\$253,100 match])(funded)
- ▶ Continued representing the Maumee RAP on Ohio's Conservation Buffer Team

Dumps and Landfills Action Group

- ▶ Continued representing the Maumee RAP on the Duck & Otter Creeks Partnership
- ▶ Assisted in conducting *Duck & Otter Creeks Stakeholder's Summit* - April 29
- ▶ Assisted the City of Toledo with the Boardwalk Project at the Hoffman Road Landfill
- ▶ *MAOC Uncontrolled Waste Site Database* - \$7500 LEPF Small Grant [\$7270 matching] - applicant University of Toledo

Finance Action Group

- ▶ Assisted the Public Outreach and Education Action Group to develop a fundraising brochure
- ▶ Began developing a fundraising plan to utilize the new brochure

Open Space and Wetlands Action Group

- ▶ Distributed 1750 trees from NIFTI to Ottawa National Wildlife Refuge, Ohio EPA, ODNR-Maumee Bay State Park, Wood Co. Recycling - April
- ▶ Installed 6 of 15 ground water level monitoring wells in the Oak Openings Region
- ▶ *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* - \$23,023 Ohio EPA 319 [\$30,153 matching]) - applicant Natural Areas Stewardship, Inc.

Ottawa River Action Group

- ▶ *Ottawa River StreamKeepers* - \$25,533 River Network Watershed Assistance Grant [\$33,433 matching] (declined) - applicant Medical College of Ohio
- ▶ Assisted in dedication ceremony of the "Unnamed Tributary" as "Fraleigh Creek" in honor of Dr. Peter Fraleigh, University of Toledo Professor and former RAP member - June 16
- ▶ Hosted a display with Ohio EPA's assistance at the Ottawa Coalition Fair at Ottawa Park - June 19
- ▶ Continued representing the Maumee RAP on the Ottawa River Remediation Team
- ▶ Completed project with Ohio Sea Grant Extension & issued report on *Recreational & Economic Value of Dredging the Ottawa River*

- ▶ *Third Annual Maumee Watershed Clean Your Streams Day (co-sponsored by Swan Creek) - Sept. 11*
- ▶ *Environmental "Hot Spot" Delineation and Risk Assessment for the Ottawa River - \$143,607 GLNPO grant [\$7,547 matching] - applicant TMACOG (& Ohio EPA)*

Public Outreach and Education Action Group

- ▶ Revised Maumee RAP Newsletter - Conducted use, design and satisfaction survey - Jan
- Developed new design format - March
- Ongoing assistance in writing & distribution
- ▶ Completed the design and printing of a fundraising brochure for the Finance Action Group - May
- ▶ Partnered with the Northwest Ohio Pollution Prevention Team to launch a recycling web site, host a conference, and have materials printed to advertise the site. - Spring
- ▶ Assisted the City of Toledo with the Boardwalk Project at the Hoffman Road Landfill

Swan Creek Action Group

- ▶ *Swan Creek Watershed Plan of Action Project* continues
 - Hosted two *Swan Creek Days* in different reaches of the stream - May 1 & 8
 - Continued *StreamKeepers* program (volunteer sampling at 35 sites on a monthly basis)
 - Continued research/development of a Watershed Plan of Action document
 - Began Floodplain Study for Swan Creek with Bowling Green State University
- ▶ *Third Annual Maumee Watershed Clean Your Streams Day (co-sponsored by Ottawa River) - Sept. 11*
- ▶ *Swan Creek OPUS project with ODNR* continues
 - Conducted *Paving Paradise*, an urban stream protection workshop, at the University of Toledo with 70 people attending - August 18
 - *Swan Creek RiverWalk* completes the Summit Street and Owens Corning sections - Fall

Urban Runoff Action Group

- ▶ Completed project & issued report *Toledo Metropolitan Area Stormwater Utility Plan*
- ▶ Completed NatureWorks grant project with ODNR at Wildwood Preserve Metropark to design and construct stormwater management retrofit - March
- ▶ Conducted 4 training sessions for Storm Drain Stenciling Project Leaders - Summer
- ▶ Approximately 186 storm drains were stenciled by 6 groups in 4 cities - May to Oct.
- ▶ *Maumee River Regional Storm Water Management District - \$155,000 LEPF Implementation Grant [\$145,000 matching] - applicant TMACOG*

OTHER RAP PROJECTS

Student Watershed Watch (formerly *Maumee Bay Student Watershed Project*)

- ▶ Conducted a 1-day training for teachers involved in the *Student Watershed Watch* - Sept. 28
- ▶ Completed *Eleventh Annual Sampling Day* - 1100 students from 25 schools at 35 sites - Oct. 13
- ▶ Conducted *Eleventh Annual Student Congress* - 12 schools involved - Nov. 18

Misc.

- ▶ *Walk for the World* - pledged walk with \$2276 in proceeds donated to the RAP - April 25
- ▶ Received in-kind product/service contributions for Maumee RAP activities:

Student Watershed Watch (formerly *Maumee Bay Student Watershed Project*) (TMACOG element # 5220)

ClearWater, Inc.	WSPD	Seaway Foodtown
Star105 FM	TARTA	WNWO-TV24
Toledo Mudhens	Gino's Pizza	Toledo Storm Hockey
Ken's Flower Shops	Rosie's	University Lanes of Toledo

Third Annual Maumee Watershed Clean Your Streams Day (TMACOG element # 5295)

Coca-Cola	Cub Foods	City of Toledo Environmental Services
Hinkle's Bakery	NIFTI	Shankland's of Toledo
Meijer	Ohio EPA	Ohio Lake Erie Commission
TMACOG	American Golf	

► Received monetary contributions/enforcement penalties for Maumee RAP activities:

General (TMACOG element # 5290)

Walk for the World - \$2276

Urban Runoff Action Group (TMACOG element # 5213)

Ohio Department of Transportation - \$21,588.50

Maumee Bay Student Watershed Project (TMACOG element # 5220)

3-Com - \$20

Sun Oil - \$500

Lucas County - \$10,000

City of Toledo - \$9950

Medical College of Ohio - \$2000

Anderson Foundation - \$200

Plastic Tech - \$25

Jones & Henry Consultants - \$50

Bowser Morner - \$100

Dana Corp. - \$2000

Daimler Chrysler - \$2000

Edward Lamb Foundation - \$1000

SFT, Inc. - \$500

Gleason Construction - \$500

General Mills Foundation - \$3000

KTLCB - \$25

Perstorp - \$2000

General Motors PowerTrain - \$500

EnviroSource - \$1000

Third Annual Maumee Watershed Clean Your Streams Day (TMACOG element # 5295)

Perstorp - \$300

Midwest Enviro. Control - \$100

Hull & Associates, Inc. - \$75

BFI - \$50

Jones & Henry Consultants - \$50

2000 Maumee RAP

Activities & Accomplishments



Maumee RAP Committee

- Conducted first Maumee RAP sale of clothing, hats, and bags with an embroidered RAP logo
- Sponsored the First Maumee RAP Summer Gathering to recognize members
 - Special presentation to June Brown for years of dedication to improving water quality
- Selected a consultant to create a 10 year Activities and Accomplishments Report with the assistance and funding support of Ohio EPA - Dec.

Agricultural Runoff Action Group

- *Toussaint River Improvement Incentive Program - Phase 1* grant completed
 - Produced full color booklet on the success of Phase 1 of the project - July
 - Conducted wrap-up media/information day - July 27
 - Created and posted conservation buffer area signage for areas near roadways - August
 - Approved a total of 57 contracts for nearly 27 miles of streambank
 - Enrolled 233 acres of Floodplain, 32 acres of Filter Strip, & 1461 acres in Con-tillage
- *Toussaint River Improvement Incentive Program - Phase 2* grant begins
- Continued to represent the Maumee RAP on Ohio's Lake Erie Conservation Buffer Team

Dumps and Landfills Action Group

- Continued representing the Maumee RAP on the Duck & Otter Creeks Partnership
- Assisted the Duck & Otter Creeks Partnership in funding legal fees and to establishing the Partnership as a non-profit organization
- Provided input to the City of Toledo Brownfields Group

Finance Action Group

- Established a Budget Committee to work with TMACOG to reformat the RAP Financial Report

Open Space and Wetlands Action Group

- Distributed 1000 trees from NIFTI to Ottawa National Wildlife Refuge, Ohio EPA, ODNR-Maumee Bay State Park, Wood Co. Recycling - April
- *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* grant begins
 - Mailed invitation letters to establish a Project Advisory Board
 - Held first meeting of Advisory Board - August 29
 - Established 4 subcommittees to work on different objectives of the project - August
- Investigated and commented (*in conjunction with Ottawa River Action Group*) on Point Pleasant Cove wetland regarding a possible conservation easement - Oct.

Ottawa River Action Group

- Continued representing the Maumee RAP on the Ottawa River Remediation Team
- Developed a brochure for the general public regarding the results of *Recreational & Economic Value of Dredging the Ottawa River*
- *Environmental "Hot Spot" Delineation and Risk Assessment for the Ottawa River* grant continues
 - Received Data Gap Report from consultant
 - Ohio EPA collected samples from 17 sites included soils, surface grabs, water column, and biological data for the ICI and IBI. - July
 - Ohio EPA collected fish tissue samples - October
- *Fourth Annual Maumee Watershed Clean Your Streams Day* (*co-sponsored with Swan Creek*) - Sept. 9
 - Total of 106 land volunteers collected 4500 pounds of debris from 11 sites (2 by boat)

Ottawa River Action Group (continued)

- Hosted *Profiling of the Ottawa River IV* with 80 people attending - Sept. 27
- Investigated and commented (in conjunction with *Open Space and Wetlands Action Group*) on Point Pleasant Cove wetland regarding a possible conservation easement
- Co-hosted with other interested groups an *Informational Brunch* for elected officials - Dec. 8

Public Outreach and Education Action Group

- Ongoing assistance in writing & distribution of the Maumee RAP Newsletter
- Established www.maumeerap.org as new front page for RAP web site - April
- Began process of remaking 1965 *Fate of a River* film regarding Maumee River water quality issues
 - Conducted 5 planning meetings
 - Hosted a *Remaking Fate of a River Kickoff* meeting at Sauder Village - Nov. 16
- Assisted with promotion of *Swan Creek Days*, RAP Clothing Sale, Annual Summer Gathering, and Clean Your Streams 4
- Began the process of updating the Maumee RAP General Brochure
 - Determined text, line art, and photographic needs
 - Selected designer to create brochure

Swan Creek Action Group

- *Swan Creek Watershed Plan of Action Project* grant continues
 - Hosted *Swan Creek Day* at Monclova Community Center with 40 people attending - Mar 20
 - Completed *StreamKeepers* program
 - Volunteer sampling at 35 sites on a monthly basis through May
 - Conducted a public information and volunteer appreciation event - July 26
 - Continued research/development of a Watershed Plan of Action document
 - Floodplain Study for Swan Creek through Bowling Green State University completed
- *Fourth Annual Maumee Watershed Clean Your Streams Day* (see *Ottawa River Action Group*) - Sept. 9
- Swan Creek OPUS project with ODNR grant continues
 - Conducted *Practices that Protect* evening lecture with speaker from OSU - August 8

Urban Runoff Action Group

- Conducted 9 training sessions for Storm Drain Stenciling Project Leaders - Summer
- Approximately 104 storm drains were stenciled by 4 groups in the city of Toledo - May to Oct.
- Installed BMP water quality modification in Toledo's Glen Cove detention basin - May
- *Maumee River Regional Storm Water Management District* grant continues
 - Held 14 meetings of the MRRSWC
 - Hired consultant (ERC) to develop regional stormwater district plan of operation - Feb.
 - Performed public opinion survey of regional stormwater issues - July
 - Conducted 2 of 6 workshops to inform the public and elected officials - Oct. 4, Dec. 6
 - Developed draft regional stormwater management standards
- Provided technical assistance for MRRSWC

OTHER RAP PROJECTS

Student Watershed Watch (formerly *Maumee Bay Student Watershed Project*)

- Conducted a 1-day training for teachers involved in the *Student Watershed Watch* - Oct. 3
- Completed *Twelfth Annual Testing Day* - 1000 students from 22 schools at 36 sites - Oct. 11
- Conducted *Twelfth Annual Summit* - 10 schools involved - Nov. 10

Misc.

- *Seventh Annual Walk for the World* - 130 people participated in this pledged walk with \$1897

in proceeds being donated to the RAP - April 29

➤ Received in-kind product/service contributions for Maumee RAP activities:

Student Watershed Watch (formerly *Maumee Bay Student Watershed Project*) (TMACOG element # 5220)

ClearWater, Inc.	Star105 FM	WNWO-TV24
Marco's Pizza	Churchill's	Lourdes College

Fourth Annual Clean Your Streams Day (TMACOG element # 5295)

Boat US	West Marine	City of Toledo Environmental Services
Hinkle's Bakery	NIFTI	Shankland's of Toledo
Ohio EPA	TMACOG	Ohio Lake Erie Commission
Smith Barney		

➤ Received monetary contributions/enforcement penalties for Maumee RAP activities:

General (TMACOG element # 5290)

Walk for the World - \$1897	Mario's Gas Station & Party Shop - \$15,000
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Maumee Bay Student Watershed Project (TMACOG element # 5220)

Lucas County - \$5000	City of Toledo - \$9950	Hull & Associates, Inc. - \$50
Perstorp - \$2000	Midwest Enviro. Consultants - \$50	EnviroSafe Services of NW Ohio - \$1000

Fourth Annual Clean Your Streams Day (TMACOG element # 5295)

Perstorp - \$200	Midwest Enviro. Consultants - \$100	Point Place Business Association - \$100
BFI - \$50	Hull & Associates, Inc. - \$50	Cousins/Philip Services Corp. - \$200
Texileather - \$50	Ottawa River Yacht Club - \$50	Monroe St. United Methodist Church - \$50
DaimlerChrysler - \$500	Shankland's of Toledo - \$75	Ottawa/Jermain Park Board - \$100
Hemisphere - \$100	Ottawa River Kleanup Association (ORKA) - \$50	

2001 Maumee RAP

Activities & Accomplishments



Maumee RAP Committee

- Sponsored the Second Annual Maumee RAP Summer Gathering
- Continued work on *10 Years of Activities and Accomplishments the Maumee Area of Concern* with the assistance of a consultant (Hull & Associates, Inc.) and funding support of Ohio EPA
- Printed new Maumee RAP general brochures, thank you cards and purchased promotional materials (see PO&E Action Group for details)

Agricultural Runoff Action Group

- *Toussaint River Improvement Incentive Program - Phase 2* grant continues
 - Produced a full color booklet to promote grant - February
 - Conducted informational meeting at the Webster Township Hall with 25 attendees - Feb
 - Approved over 140 new contracts, totaling approximately \$90,000
 - Enrolled over 44 miles of streambank, and nearly 300 acres into the program
- Residue Management and Erosion Control Demonstration Project [GLC \$25,000, match \$ 11,410]
 - Grant is to purchase, test, and demonstrate a new roller harrow tillage implement
- Continued to represent the Maumee RAP on Ohio's Lake Erie Conservation Buffer Team

Dumps and Landfills Action Group

- Continued representing the Maumee RAP on the Duck & Otter Creeks Partnership
- Assisted in extensive research of data for the Dumps, Landfills and Brownfield Sites section of the *10 Years of Activities and Accomplishments* Report

Finance Action Group

- This group is in hiatus pending reorganization and new leadership

Open Space and Wetlands Action Group

- Distributed native seed packets, information on landscaping with native plants, and 1200 tree seedlings (trees from NIFTI) at Earth Day events - April
- *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* grant continues:
 - Held 8 meetings of Advisory Board
 - Created prototype GIS utilizing remote sensing for the identification and inventory of wetlands in Lucas County
 - Began work on the Watershed Restoration Action Strategy (WRAS) for wetlands & open space in the Maumee AOC
- Collaborated with Lucas County on the development of a web page focusing on wetland importance, function and determination to be partnered with the Maumee RAP, Lucas SWCD and GIS project web pages
- Formed working partnerships with BGSU and UT for the advance of action group objectives

Ottawa River Action Group

- Continued representing the Maumee RAP on the Ottawa River Remediation Team (ORR-Team)
- *Environmental "Hot Spot" Delineation and Risk Assessment for the Ottawa River* grant completed:
 - Conducted public meeting with 55 people attending - Nov. 7
 - Published Ecological and Health Risk Assessment Reports (on CD-Rom) - Fall
- *Fifth Annual Maumee Watershed Clean Your Streams Day (co-sponsored with Swan Creek)* - Sept. 8
 - Total of 224 land volunteers collected 4600 pounds of debris from 13 sites (3 by boat)

Ottawa River Action Group (continued)

- Began dam removal project in collaboration with US F&WS (Ottawa National Wildlife Refuge), ODNR, and UT as requested by the Ottawa River Remediation Team
- Prepared grant applications to Ohio EPA 319 and LEPF for *Ottawa River/Swan Creek Home Septic Improvement Program* (declined by both)
- Continued working on the navigational dredging project with the Ottawa River Remediation Team

Public Outreach and Education Action Group

- Ongoing assistance in writing & distribution of the Maumee RAP Newsletter - Jan to July
- Began to develop new outreach plan including monthly press releases and quarterly internal Maumee RAP e-newsletters
- Obtained a Speaker's Bureau Coordinator - Feb.
- Completed design and printing of the new Maumee RAP General Brochure and coordinating Thank You post cards - March
- Partnered with ClearWater, Inc. on *Fate of a River: Revisited* a grant to remaking a 1965 film regarding Maumee River water quality issues (OEEF - \$48,785 local match - \$20,410)
- Purchased Maumee RAP promotional items: stickers (1000), recycle bags (2000), color-on-magnets (500), flashlight key chains (1000), post-it note pads (500) - April
- Assisted with promotion of Annual Summer Gathering, Clean Your Streams 5, and other RAP events
- Began development of a Patch Program for groups (i.e. girl and boy scouts, 4-H clubs, etc.)
- Began updating Maumee RAP "canned" presentation for Speaker's Bureau
- Began updating and expanding Maumee RAP web site to include action group pages

Swan Creek Action Group

- *Swan Creek Watershed Plan of Action Project* grant completed:
 - Completed and published Swan Creek Watershed Plan of Action - Nov.
- Swan Creek OPUS project with ODNR completed
- *Fifth Annual Maumee Watershed Clean Your Streams Day* (see *Ottawa River Action Group*) - Sept. 8
- Prepared grant applications to Ohio EPA 319 and LEPF for *Ottawa River/Swan Creek Home Septic Improvement Program* (declined by both)
- This group went into in hiatus in October pending reorganization and new leadership

Urban Runoff Action Group

- Provided input and comments on Urban Runoff Chapter of the Areawide Water Quality Management Plan (208 Plan)
- *Maumee River Regional Storm Water Management District* grant completed:
 - Held 12 meetings of the MRRSWC
 - Completed draft Plan of Operation for a Regional Storm Water Management District - Dec.
 - Completed draft Storm Water Management Standards Manual - Dec.
- Provided technical assistance and drafted documents for MRRSWC
- Completed construction of Bowman Park parking lot BMP demonstration project using SEP funds
- Assisted Wildwood Metropark with design for an interpretive sign for their parking lot BMP project that was completed in 2000.

OTHER RAP PROJECTS

Student Watershed Watch

- Conducted a 1-day training for teachers involved in the *Student Watershed Watch* at COSI - Sept. 19
- Completed *Thirteenth Annual Testing Day* - 1000 students in 42 classes from 27 schools sampled at 36 sites - Oct. 10
- Conducted *Thirteenth Annual Summit* - 17 schools involved - Nov. 15

Misc.

- *Eighth Annual Walk for the World* - nearly 300 people participated in this pledged walk with \$3541 in proceeds being donated to the RAP - April 28
- Received in-kind product/service contributions for Maumee RAP activities:
 - Student Watershed Watch* (TMACOG element # 5220)
 - ClearWater, Inc. Star105 FM WNWO-TV24
 - Marco's Pizza Churchill's Lourdes College
 - Fifth Annual Clean Your Streams Day* (TMACOG element # 5295)
 - Flag Sales & Repair Ohio EPA City of Toledo Environmental Services
 - NIFTI Shankland's of Toledo Ohio Lake Erie Commission
 - TMACOG
- Received monetary contributions/enforcement penalties for Maumee RAP activities:
 - General* (TMACOG element # 5290)
 - Walk for the World - \$3541
 - Maumee Bay Student Watershed Project* (TMACOG element # 5220)
 - Lucas County - \$5000 City of Toledo - \$9950 Sun Oil - \$1000
 - Perstorp - \$2000 Home Depot - \$1500 GEM Industrial - \$500
 - Fifth Annual Clean Your Streams Day* (TMACOG element # 5295)
 - Perstorp - \$200 Riverview Yacht Club - \$50 Point Place Business Association - \$100
 - Outings Unlimited - \$50 Hull & Associates, Inc. - \$75 Cousins/Philip Services Corp. - \$100
 - DaimlerChrysler - \$500 Jones & Henry Engineers - \$50 Monroe St. United Methodist Church - \$50
 - Hemisphere - \$100 William & Sue Horvath - \$50 Ottawa River Yacht Club - \$100
 - TetraTech - \$50 Buzz & Suzanne Crane - \$50
 - Ottawa River Kleanup Association (ORKA) - \$50 Ottawa River Yacht Club Ladies Auxiliary - \$50

2002 Maumee RAP

Activities & Accomplishments

(more details available at www.maumeerap.org)



Maumee RAP Committee

- < Released *10 Years of Activities & Accomplishments the Maumee Area of Concern* (1991-2001)-April
- < Hosted the International Joint Commission Science Advisory Board review of the Maumee RAP
 - Conducted bus tour of 3 projects in AOC and each Action Group did activity presentations
 - Coordinated public meeting including presentation on RAP Partnerships and a public discussion on the Maumee RAP
 - Attended Science Advisory Board meeting to provided additional information, as requested
- < Began research on a Stage 2 Report and delisting target development - May
- < Sponsored the Third Annual Maumee RAP Summer Gathering - June 29
- < Purchased additional promotional materials (see PO&E Action Group for details)
- < Conducted second Maumee RAP sale of clothing, hats, and bags with an embroidered RAP logo
- < Conducted major revisions to Operating Procedures including elevating Finance Action Group to a standing sub-committee and adoption of fiscal procedures and policies

Agricultural Runoff Action Group

- < *Toussaint River Improvement Incentive Program - Phase 2* grant continues
 - Approved 15 new contracts
 - Enrolled over 44 miles of streambank, and nearly 300 acres into the program
 - Modified the grant to include home septic education meetings, a Sanitarian training session, a soils training session and a home septic pumping voucher program
- < *Residue Management and Erosion Control Demonstration Project* grant continues
 - 14 landowners rented the To the Max to till their fields and test the equipment
 - A Demonstration Day was held on August 19, 2002
- < Continued to represent the Maumee RAP on Ohio's Lake Erie Conservation Buffer Team
- < Began development of *Give Water a Hand* (Rural) campaign (see PO&E Action Group for details)

Dumps and Landfills Action Group

- < Continued representing the Maumee RAP on the Duck & Otter Creeks Partnership
- < Assisted in extensive research of data for the Dumps, Landfills and Brownfield Sites section of the *10 Years of Activities and Accomplishments Report*

Finance Action Group

- < Established new group with new membership
- < Developed fiscal procedures and policies (as incorporated into Operating Procedures)
- < Developed Operating Budget for 2003 and projections through 2006
- < Developed fundraising plan
 - Began development of a Maumee RAP fundraising database in Access

Open Space and Wetlands Action Group

- < *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* grant continues
 - Held 6 meetings of Advisory Board
 - Developing a new revised wetlands map for the AOC based on the use of remote sensing and GIS technology
 - Continued work on the Watershed Restoration Action Strategy for wetlands & open space

Ottawa River Action Group

- < Co-hosted the second *Informational Brunch* for elected officials regarding dredging - Aug. 2
- < Partnered to conduct *Sixth Annual Maumee Watershed Clean Your Streams Day* - Sept. 7
 - Total of 212 land volunteers collected 4300 pounds of debris from 17 sites (3 by boat)
 - Expanded program to include Duck and Otter Creeks
- < Conducted *Profiling the Ottawa River V* with 35 people attending - Sept. 25
- < Continued dam removal project in collaboration with US F&WS (Ottawa National Wildlife Refuge), ODNR, and UT as requested by the Ottawa River Remediation Team
- < Prepared *Ottawa River Watershed Initiative* nomination for the entire Ottawa River watershed, including Michigan [\$952,000 grant, \$318,000 match] (pending) - Nov.
- < *Ottawa River Sediment Remediation Priorities Project* [GLNPO \$185,565, match \$14,410] - received
 - Established Project Management Team - Dec.
 - Released Request for Qualifications - Dec.
- < Continued working on the navigational dredging project with the Ottawa River Remediation Team
- < Continued representing the Maumee RAP on the Ottawa River Remediation Team(ORR-Team)

Public Outreach and Education Action Group

- < Continue to assist TMACOG with articles for the Environmental section of the *Big Picture* newsletter
- < *Fate of a River: Revisited* project continues
 - Technical, Public Outreach, and Education Committees established
 - Technical Committee developed content outline - Feb to May
 - Conducted all filming and interviews - April to Sept
 - Held Premier Party and release documentary for public viewing - Nov. 19 & 21/24
 - Conducted presentation/showings for 6 groups - Nov to Dec
 - Public Outreach Committee began the Speakers Bureau
 - Education Committee began development of school materials
 - Posted support web site at www.wgte.org/fateofariver
- < Created *Partnering for Clean Stream Patch Program*
 - Purchased for promotional packets and program implementation: recycle bags (4000), patches(4000), patch guideline booklets(2500), patch order forms(1500) - July
 - Stuffed 1500 promotional bags for Maumee Valley Girl Scout Council Kickoff - Aug 8
 - Stuffed an additional 250 bags due to large requests for the materials from GS leaders - Dec
 - Scheduled *Partnering for Clean Stream Patch Program* workshop for April 2003
- < Purchased Maumee RAP promotional items: color-on-magnets(500), post-it note pads(500), golf shirts(20), canvas bags(25), pens (1000), lapel pins(300) - July
- < Assisted with promotion of Annual Summer Gathering, Clean Your Streams 6 and other RAP events
- < Complete update and expansion of Maumee RAP web site to include action group pages
- < Complete update and expansion of Ohio EPA and US EPA-GLNPO Maumee RAP web sites
- < Began development of *Give Water a Hand* Urban and Rural campaign programs
 - Urban Campaign to be in conjunction with Storm Water Phase II permit requirements with the cost being primarily on the jurisdictions
 - Rural Campaign to complement the Urban Campaign in non-Phase II areas with costs being shared primarily between jurisdictions & a grant (if received - application due Jan '03)
- < Conducted several presentations regarding the Maumee RAP organization, as requested.
- < Began development of Maumee RAP Graphic and Promotional Standards

Swan Creek Action Group

- < This group went into in hiatus in October pending reorganization and new leadership

Urban Runoff Action Group

- < Released *Storm Water Management Standards Manual* (1st Edition) - March
- < Provided input and comments on Urban Runoff Chapter of the Areawide Water Quality Management Plan (208 Plan)
- < Conducted a workshop to explain & distribute *Storm Water Management Standards Manual* - June 6
- < Partnered for the construction of 2-stage pond as a storm water parking lot BMP demonstration project in conjunction with the redevelopment of Cub Foods to Lowes on Airport Hwy.
- < Assisted with design of interpretive signs for the Bowman Park and Wildwood Metropark BMP demonstration projects
- < Began *Give Water a Hand* (Urban) campaign promotion to potential MRRSWC members (see PO&E Action Group for details)
- < Began establishment of the *Maumee River Regional Storm Water Coalition*
- < Conducted a workshop to assist local jurisdictions and gathering information on Storm Water Phase II Permit development - Nov. 7

Student Watershed Watch

- < Conducted a 1-day training for teachers involved in the *Student Watershed Watch* at COSI - Sept. 24
- < Completed *Fourteenth Annual Testing Day* - students in 25 classes from 21 schools sampled 22 sites - Oct. 10
- < Conducted *Fourteenth Annual Summit* - 184 students from 12 schools attended - Nov. 13

OTHER PROJECTS IN THE MAUMEE AOC

- < TMACOG received 3 grants to benefit the Maumee AOC
 - Maumee Bay Bacteria Study [OWDA \$200,000, match \$276,424]
 - GIS Septic System Tracking and Inventory [LEPF \$50,000, match \$67,130]
 - An Operating Support Grant to assist with Watershed Coordinator's expenses and needs [ODNR \$8672, match \$8000]
- < Duck and Otter Creeks Partnership received 2 grants to benefit the Maumee AOC
 - *Developing a Wetlands Identification and Restoration Plan for Duck and Otter Creeks Watersheds* [US EPA \$70,000, match \$8,000]
 - An Operating Support Grant to assist with Watershed Coordinator's expenses and needs [ODNR \$10,000, match \$6000]
- < Completion of Reevaluation Study for Recreational/Navigational Dredging of the mouth of the Ottawa River by the City of Toledo in collaboration with the US Army Corps of Engineers - early fall
- < Major log jam removal and streambank stabilization project at Wildwood Metropark in collaboration with US Fish & Wildlife Service - early fall
- < Sediment survey and dam removal project at Boy Scout Camp Miakonda in collaboration with US Fish & Wildlife Service - late fall

FUNDING FOR THE MAUMEE RAP AND ITS PROJECTS

- < Received in-kind product/service contributions for Maumee RAP activities:
 - *Fourteenth Student Watershed Watch* (TMACOG element # 52200)
 - ClearWater, Inc. National Wildlife Federation
 - Lucas County Auditors Office Ohio EPA
 - Lucas County Information Services Toledo Zoo

- *Sixth Annual Clean Your Streams Day* (TMACOG element # 52902)

BP Amoco	Flag Sales & Repair
City of Oregon	NIFTI
City of Toledo Environmental Services	Ohio EPA
City of Toledo Parks, Recreation & Forestry	Ohio Lake Erie Commission
Duck and Otter Creeks Partnership, Inc.	Shankland's of Toledo
Envirosafe Services of Ohio	TMACOG

< Received monetary contributions/enforcement penalties for Maumee RAP activities:

- *General* (TMACOG element # 52900)

Mario's Gas and Party Shop - \$1500
Walk for the World - \$3408

- *Fourteenth Maumee Bay Student Watershed Project* (TMACOG element # 52200)

City of Toledo - \$9950	Sky Trust - \$1000
Lucas County - \$4500	Sunoco - \$1000
Perstorp - \$2000	Toledo Area Metroparks - \$1000
BP Oil - \$1000	GEM Industrial - \$500
The Andersons - \$200	Keep Toledo/Lucas Co. Beautiful - \$25
Bill & Susan Horvath - \$100	

- *Sixth Annual Clean Your Streams Day* (TMACOG element # 52902)

Cousins/Philip Services Corp. - \$200	Ottawa River Kleanup Association (ORKA) - \$75
Perstorp - \$200	Ottawa River Yacht Club - \$75
Pilkington - \$100	Ottawa River Yacht Club Ladies Auxiliary - \$75
Arcadis G&M/CSX - \$75	Outings Unlimited - \$75
Bowser-Morner - \$75	Point Place Business Association - \$75
Buzz & Sue Crane - \$75	Riverview Yacht Club Ladies Auxiliary - \$75
Cassidy Consulting - \$75	Sunoco - \$75
Hull & Associates, Inc. - \$75	T & T Sales - \$75
Jones & Henry Engineers - \$75	West Marine - \$75
Mannik & Smith Group - \$75	

2003 Maumee RAP

Activities & Accomplishments

(more details available at www.maumeerap.org)



Maumee RAP Committee

- < Provided assistance to Ohio EPA in creating Delisting Targets for Ohio's AOCs

Finance Committee

- < Conducted First Maumee RAP Annual Appeal Campaign
- < Developed Operating Budget for 2004 and projections through 2006
- < Developed a Maumee RAP fundraising database in MS Access

Dumps and Landfills Action Group

- < Continued representing the Maumee RAP on the Duck & Otter Creeks Partnership

Open Space and Wetlands Action Group

- < *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* grant completed
 - Held 6 meetings of Advisory Board
 - Completed a new revised wetlands inventory and classification map for the lower Lucas County portion of the Maumee AOC based
 - Completed the Watershed Restoration Action Strategy for wetlands & open space
 - Held Wetlands Project Training workshop – Sept. 30
- < Conducted four summer wetland field tours – June through September

Ottawa River Action Group

- < Partnered to conduct *Seventh Annual Maumee Watershed Clean Your Streams Day* - Sept. 6
 - Total of 252 land volunteers collected 7000 pounds of debris from 28 sites (4 by boat)
 - Raised over \$3000 for future Maumee RAP projects
- < Completed Miakonda Dam removal project in collaboration with US F&WS (Ottawa National Wildlife Refuge), ODNR, and UT as requested by the Ottawa River Remediation Team
- < *Ottawa River Sediment Remediation Priorities Project* [GLNPO \$185,565, match \$14,410] - received
 - Reviewed existing data, determined additional data needs – Sept.
 - Collected 219 samples from 52 sediment cores in specific “hot spot” areas – late Oct.
- < Continued working on the navigational dredging project with the Ottawa River Remediation Team
- < Continued representing the Maumee RAP on the Ottawa River Remediation Team (ORR-Team)

Public Outreach and Education Action Group

- < Continued to assist TMACOG with articles for Environmental section of the *Big Picture* newsletter
- < Finalized Maumee RAP Graphic and Promotional Standards - June
- < *Fate of a River: Revisited* project continues
 - Speakers Bureau conducted presentations and television showings for over 50,000 people
- < Continued *Partnering for Clean Stream Patch Program*
 - Promoted program and workshop through Girl Scout Publications
 - Conducted *Partnering for Clean Stream Patch Program* workshop with 44 scouts attending – April 12
 - Schedule *Partnering for Clean Stream Patch Program* workshop for April 2004

Public Outreach and Education Action Group (continued)

- < Assisted with promotion of Clean Your Streams 7, Give Water a Hand, and other RAP events
- < Maintained Maumee RAP web site and Ohio EPA's RAP web site
- < *Give Water a Hand* Campaign [OEEF Lg Grant \$49,989, OEEF Mini-grant \$4,999, ODNR/USF&WS grant \$15,000, RAP match \$6500, and local match \$133,00] - received
 - Enrolled a total of 16 Urban (Stormwater Phase II) and Rural (non-Phase II) communities in the program - July
 - Solicited RFPs and selected contractors for graphic designer, printer, pollster, media buyer/relations, fulfillment/distribution, and promotional/bonus items – August
 - Wrote, designed, & printed 6 tip cards, 6 letterheads, 6 cover letters, 6 envelopes-Sept/Nov
 - Order one promotional and 5 bonus items – Nov/Dec.
 - Gathering names, addresses and phone numbers for 16 jurisdictions – Nov/Dec.
 - Wrote six television commercials and filmed four – Nov/Dec
 - Wrote and designed six newspaper advertisements – Dec.
 - Wrote one press release and mailed to monthly publications – Dec.
 - Wrote pre-campaign telephone survey – Dec.
- < Began revamping the Storm Drain Stenciling program – Oct/present
- < Conducted several presentations regarding the Maumee RAP organization, as requested.

Rural and Agricultural Runoff Action Group

- < Group changed its name from the Agricultural Runoff Action Group to the Rural and Agricultural Runoff Action Group.
- < *Toussaint River Improvement Incentive Program- Phase 2* grant continues
 - Enrolled 12 contracts totaling approximately 700 acres for Con-till into the program
 - Sponsored the Northwest Sewage Consortiums Soil Seminar and provided Munsell Soil Books to attendees.
 - Conducted 4 Homeowner Septic meetings in Ottawa, Wood and Sandusky Counties for septic system education.
 - Provided refunds of up to \$75 to 103 residents in the Toussaint River and Packer Creek watersheds for pumping out their septic tanks
 - Contracted with Wood & Ottawa Counties to draft Home Sewage Treatment System Plans
- < *Residue Management and Erosion Control Demonstration Project* grant completed
 - Tests showed some equipment success in NW Ohio soils but conditions were not ideal during usage periods
 - Farmers would be willing to rent the equipment again for ongoing evaluation
- < Continued to represent the Maumee RAP on Ohio's Lake Erie Conservation Buffer Team

Swan Creek Action Group

- < Reorganized this group with 8 new members
- < Began development of a slide show that can be presented to general audiences to inform citizens, elected officials, etc. of the resources of the Swan Creek watershed and its impairments
- < Began development of a watershed project list for use when funding opportunities are available

Urban Runoff Action Group

- < Conducted workshop "Sediment and Erosion Control for Contractors and Inspectors" with 83 attendees – Feb 24
- < Worked with Lucas SWCD's new Urban Stormwater Specialist in identifying and addressing construction site runoff problems and potential BMP projects.
- < Continued support for *Give Water a Hand* campaign (see PO&E Action Group for details)

Urban Runoff Action Group (continued)

- < Continued as Technical Advisory Committee to the Storm Water Coalition
 - Coalition became fully established with 19 dues paying members
 - Assisted Coalition members in submitting their Storm Water Permit Notice of Intent and Storm Water Management Plans – March
- < Participated in development of a storm water BMP project on Swan Creek serving Southwyck Mall.
 - A water quality basin was created to serve a highly commercial 100 acre area.
 - The basin is located on Metroparks property and was constructed by the City of Toledo

Student Watershed Watch

- < Conducted 1-day training for teachers involved in the *Student Watershed Watch* at UT Lake Erie Center – Sept. 20
- < Completed *Fourteenth Annual Testing Day* - students in 27 classes from 25 schools investigated sites in 6 watersheds - Oct. 15
- < Conducted *Fourteenth Annual Summit* - 200 students from 8 schools attended - Nov. 20

OTHER PROJECTS IN THE MAUMEE AOC

- < TMACOG conducted 2 grants which benefit the Maumee AOC
 - Maumee Bay Bacteria Study [OWDA \$200,000, match \$276,424] continues
 - UT Lake Erie Center collected water and sediment samples from sites in the Maumee River and Maumee Bay (Phase 1 completed)
 - GIS Septic System Tracking and Inventory [LEPF \$50,000, match \$67,130] continues
 - Scanned 12,000 note cards/files of information for electronic tracking
- < Duck and Otter Creeks Partnership completed the following project which benefits the Maumee AOC
 - *Developing a Wetlands Identification and Restoration Plan for Duck and Otter Creeks Watersheds* [US EPA \$70,000, match \$8,000] completed
 - Completed detailed field surveys of 4 wetland sites in Duck Creek and 5 wetlands sites in Otter Creek
 - Developed conceptual site plans and cost for restoration of all 9 sites
 - Expected release of report in March 2004

FUNDING FOR THE MAUMEE RAP AND ITS PROJECTS

This information will now be provided in an Annual Report of Donors.

This report is expected to be issued in March 2004.

2004 Maumee RAP

Activities & Accomplishments

(more details available at www.MaumeeRAP.org)



Maumee RAP Committee

- ▶ Provided assistance to Ohio EPA in creating Delisting Targets for Ohio's AOCs
- ▶ Began development of Maumee AOC Stage 2 Watershed Restoration Plan
 - Established Stage 2 Development Team - Feb
 - Submitted draft report for 319 State Endorsement – Dec

Finance Committee

- ▶ Conducted Maumee RAP Annual Appeal Campaign
- ▶ Developed Community Partner program for major donors
- ▶ Updated and Maintained Maumee RAP fundraising database
- ▶ Developed and approved Operating Budget for 2005
- ▶ Raised a total of \$41,763 for the Maumee RAP program

Open Space and Wetlands Action Group

- ▶ Launched *Maumee River Watershed Wetlands Protection and Enhancement Planning Project* web site at <http://www.wetlands.utoledo.edu/index.html> - Jan
- ▶ Attended meeting for proposed Northwest Ohio Greenways Planning Initiative - March
- ▶ Conducted sample wetlands evaluation and delineation for interested RAP members – Aug
- ▶ Continued discussion with Toledo Metroparks regarding partnering on a wetlands restoration project

Ottawa River Action Group

- ▶ Partnered to conduct *Eighth Annual Maumee Watershed Clean Your Streams Day* - Sept 7
 - Total of 324 land volunteers collected 10,140 pounds of debris from 22 sites (2 by boat)
- ▶ Conducted *Profiling the Ottawa River VI* with 93 people attending – Sept 29
 - Used new road sign advertising and served a picnic “dinner” to increase participation
- ▶ *Ottawa River Sediment Remediation Priorities Project* [GLNPO \$185,565, match \$14,410]-completed
 - Completed analysis of data, development of remedial alternatives, and prioritization of sites
 - Final Report released and posted on Maumee RAP website – Nov/Dec
- ▶ Submitted Great Lakes Legacy Act proposal to US EPA for *Ottawa River LaGrange St. Remediation*
 - Submitted proposal for one site costing \$1.2 million to remediate (possibility of expanding the scope to 5 sites, \$6.5 million) - March
 - Made presentation to Legacy Act Review Committee in Chicago – Sept 9
 - Determined additional sampling was needed to narrow remediation sites (expected in Spring '05)
- ▶ Received grant for *Ottawa River First Remediation Project* [GLNPO \$160,000, match \$19,000]
 - Established project management team
- ▶ Continued working on the navigational dredging project with the Ottawa River Remediation Team
- ▶ Continued representing the Maumee RAP on the Ottawa River Remediation Team (ORR-Team)

Public Outreach and Education Action Group

- ▶ Designed and distributed a new RAP newsletter, *Currents*, for all Maumee RAP donors – Mar/Aug
- ▶ Conducted 2nd *Annual Partnering for Clean Streams Patch Program* with 23 attendees – April 17
- ▶ Conducted 11th *Annual Walk for the World* with very limited participation – April 24

Public Outreach and Education Action Group (continued)

- ▶ Assisted with promotion of *Clean Your Streams 8*, *Profiling the Ottawa River VI*, *Give Water a Hand*, and other RAP events
- ▶ Maintained Maumee RAP web site and Ohio EPA's RAP web site
 - Transferred and reformatted 3 Ohio EPA hosted web pages to www.maumeerap.org
 - Created new pages for *Clean Your Streams*, *Student Watershed Watch*, and others as needed
- ▶ *Give Water a Hand* Campaign [OEEF Lg Grant \$49,989, OEEF Mini-grant \$4,999, ODNR/USF&WS grant \$15,000, RAP match \$6500, and local match \$133,00] - continues
 - Conducted pre-campaign telephone survey
 - Created GWAH web site (incorporated into the Maumee RAP site) and had links added to project partners web sites
 - Distributed 4 of the 6 campaign tip cards and associated materials
 - Direct Mail Distribution for first four campaigns was 147,993 Tip Cards
 - Bulk Distribution for first four campaigns was 9940 Tip Cards
 - Poster Distribution for first four campaigns was 386 in 11" x 17" and 60 in 8 ½" x 11"
 - Completed production of all 7 TV ads and 6 cinema ads
 - Wrote and distributed press releases for Tip Cards 2 - 5
- ▶ Developed partnership with University of Toledo English professor to have a freshman composition class create articles for possible Maumee RAP newsletter use
- ▶ *Fate of a River: Revisited* project grant ended in 2003, but made 3 presentations as requested in 2004
- ▶ Continue working on new "Drains are for Rain" Storm Drain Stenciling program
- ▶ Conducted several presentations regarding the Maumee RAP and its programs, as requested.

Rural and Agricultural Runoff Action Group

- ▶ *Toussaint River Improvement Incentive Program- Phase 2* grant completed
 - Enrolled 237 contracts were signed under Phase 2 totaling:
 - 47 miles of filter strips along the stream
 - 23,975 acres of grassed concentrated flow areas
 - 2194 acres in conservation tillage
 - 106 refunds of up to \$75 for residents pumping out their septic tanks
- ▶ Began developing project ideas and possible grant opportunities for 2005 projects

Swan Creek Action Group

- ▶ Appointed new Chair to this group - Nov
- ▶ Finalize development of a slide show that can be presented to general audiences to inform citizens, elected officials, etc. of the resources of the Swan Creek watershed and its impairments
- ▶ Assisted the Toledo Metroparks and The Nature Conservancy with the development of a WRRSP application [\$1.5 million proposal]
 - Acquisition of 150 acres in the Oak Openings Region
 - Application partnered with the City of Toledo's WPCLF request

Urban Runoff Action Group

- ▶ Worked with Lucas SWCD's new Urban Stormwater Specialist in identifying and addressing construction site runoff problems and potential BMP projects.
- ▶ Continued support for *Give Water a Hand* campaign (see PO&E Action Group for details)
- ▶ Submitted grant application OEEF to update Storm Water Standards Manual - declined
- ▶ Continued as Technical Advisory Committee to the Storm Water Coalition

Student Watershed Watch

- ▶ Completed 15th *Annual Sampling Day* - students in 28 classes and 19 teachers from 18 schools investigated sites in 5 watersheds - Oct. 20
- ▶ Conducted 15th *Annual Student Summit* - 175 students from 7 schools attended - Nov. 18

OTHER PROJECTS IN THE MAUMEE AOC

- ▶ TMACOG conducted 2 grants which benefit the Maumee AOC
 - *Maumee Bay Bacteria Study* [OWDA \$200,000, match \$276,424] - continues
 - Sampling results for Year One were posted on Maumee RAP web site
 - UT Lake Erie Center collected water and sediment samples from sites in the Maumee River and Maumee Bay (Sampling Year 2 completed)
 - *GIS Septic System Inventory* [LEPF \$50,000, match \$67,130] - continues
 - Conducted QA/QC on the 12,600 scanned septic system records for Lucas County
 - Indexed scanned and validated septic system records
 - Received funding for *Stream and Septic System Monitoring Study* [ACE WRDA 401 \$76,151, match \$76,151] - completed
 - Black and Vetch sampled 50 locations in the Maumee AOC
 - Lucas and Wood Co Health Depts followed-up by looking at 100 home sewage systems.
 - Final report was released and posted on the Maumee RAP web site - Dec
- ▶ Duck and Otter Creeks Partnership have begun two projects which benefits the Maumee AOC
 - Received grant for *Developing an Ecological and Human Health Risk Assessment for Duck and Otter Creeks* [US EPA \$50,000, match \$13,939] - begins
 - Released RFP and hired consultant
 - Received grant for *Restoring Wetland Habitat in Otter Creek Watershed* [GLNPO \$50,000, match \$4442] - begins
 - Project start is on hold until mid-2005
- ▶ The City of Toledo began planning the implementation of the \$500,000 Duck Creek Wetland SEP as outlined in the US EPA Consent Order issued Dec 2002