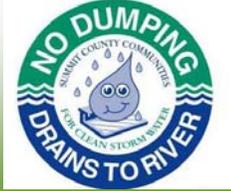


National Pollution Discharge
Elimination System (NPDES)
Phase II - Summit County, Ohio

Summit County PIPE Group



**Summit County Joint
Storm Water Permit
Program**

- Two General Permits to satisfy
 - Ohio MS4
 - MS4s in a rapidly developing (Yellow Creek) Watershed (3 townships, one village)

PIPE Formation

- 2000-2002 Informational Meetings
 - County Engineer (County-wide Storm Water Management)
 - Summit SWCD
 - Summit County General Health District (New On-site Sewage Disposal Regulations)

**Summit County Joint Storm
Water Permit**

- 26 Co-Permittees including:
 - Summit County
 - Metro Parks serving Summit County (were not required but joined voluntarily)
 - 24 communities out of 31 total communities
 - Summit County General Health District also participates

Joint Stormwater Permit



- Public Education
- Public Involvement
- Illicit Discharge
- Construction Site Plan Review, Inspection and Enforcement
- Post Construction Water Quality
- Good Housekeeping

Recent Converts

- Five communities joined the PIPE group after the first year after trying to work independently with the education portion of Phase II

Currently

- Currently **29 Communities** (all but 2) participate in the **PIPE** Education Program – minimum control measures one and two.
- Peninsula is exempt due to population size but still attends and participates on a voluntary basis
- Fairlawn does their own education program with the assistance of a consultant

County Agencies Provide the Technical Assistance and Support to the Local Communities

NPDES Phase II Team

- Summit County Engineer
- Summit SWCD
- Metro Parks Serving Summit County
- Summit County General Health District

Mechanism - Memorandum of Agreement

- MOU's were developed or updated between the communities and the Summit SWCD
 - Many were already in place and were updated to reflect Phase II
 - Covered Plan review and Site Inspection
 - Post Construction
 - **Education Component**

Education Component

- **Fee established for those communities wishing to participate in the education program with the Summit SWCD**
 - **Cities and Villages - \$1,000 flat rate plus \$.02 per capita**
 - **Townships (9) - \$10,000.00 increase (2003) to Summit SWCD's budget from Summit County**
- **These fees are currently matchable by the state**

Public Involvement Public Education and Public Outreach

10 Objectives

- Community Service/Volunteer Opportunities
- Community Awareness
- Community Events
- County-Wide Events
- Partnerships
- Teacher/Student Education
- Mass Media
- Programs for Target Audiences
- Trade Workshops
- Monthly PIPE Meetings

Benefits of a Joint Permit

- Sharing of Resources (equipment, displays, educational models, monitoring kits)
- Community fees are more reasonable
- Materials are more reasonable when ordered in quantities (storm drain markers, scout patches)
- Consistency - The same message is spread throughout the county as well as the same or similar regulations
- Workload is spread out (great for smaller communities with tight budgets and little or no staff)- example....Builder's Workshop
- **Sharing of Information and Spirit of Cooperation**

Stages of Implementation

1. Why do we have to do this thing!!!!
And by the way, who is gonna pay for it????
2. OK – I'm only gonna do what I have to do to get this thing done.
3. This isn't so bad....Look what we've done....
4. Stand back...we're on a roll...Don't stop us now!!!!

Community Service Opportunities



- Stream clean-ups
- Stream bank restoration
- Watershed Scout Patch
- Storm Drain Marking
- Stream Monitoring
- Raingarden Demos

Creating Raingardens around the County



Community Awareness of Storm Water Issues

- Specific Community Sponsored events that target clean storm water



Partnerships Multiple Communities bring a wide-range of partners

- Tinker's Creek Watershed Partners
- Western Reserve Land Conservancy
- NEO PIPE
- Yellow Creek Coalition
- Metro Parks Serving Summit County
- Cable Channel 9
- Extension Service
- Cuyahoga Valley NP



County Wide Events

- Water Quality Photo Contest
- Website
- County-Wide Programs
 - Stream Restoration
 - Erosion and Sediment Control Field Day
 - Watershed Festivals
 - River Day
- Fair
- Surveys



Workshops for Trade Professionals and Adult Residents



Low Impact Development Tour

Teacher/Student Education

- Teacher Workshops
- School Talks
- Youth Groups
- Home School



Media – Same Message over a Broader Audience



- News Releases
- Posters
- Video Clips
- Brochures
- Cable TV
- Radio
- Billboards
- Community Websites
- Community Newsletters

Workshops



Empowering the PIPE

- Raising the awareness of those that are implementing the programs in their own communities and giving them the tools to educate others
 - ORAM Training
 - Erosion and sediment control training, E&S Field Day (future CPESC training)
 - QHHEI Training
 - Construction site inspections
 - Stream Monitoring/Bioassessment Training
 - Invasive Plant Identification
 - Green Energy
 - BizMat Hazardous waste management
 - Good House Keeping
 - Pervious Pavement/Filtrex and other Products
 - LID Tour and Workshop



What's Next?

- Refine our program
- Review water quality issues and concerns
- Focus on the most critical
- Target Themes and Programs to address these issues

Questions?