

Miami Conservancy District's 2007 Phase II Stormwater Activities for Collaborating Communities

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

Minimum Control Measure #1

1.3 *Hold training opportunities for technical audiences &/or facilitate the attendance of key professionals at regional training opportunities

Activity Title: Environmental Forum: Low Impact Development

Activity Description: Miami Conservancy District partnered with several local agencies and a statewide professional association (the Environmental Education Council of Ohio) to host an Environmental Forum featuring Low Impact Development.

Start Date: 4/26/2007

End Date: 4/26/2007

Result Statement: The format of the day allowed participants to express and hear different perspectives about Low Impact Development, and to tour a local site incorporating low impact design. Speakers for the event included local site designers including landscape architects and civil engineers. This educational event targeted stormwater professionals who are likely to have significant storm water impacts in the Great Miami River Watershed. Twenty-nine individuals attended the forum.

Activity Title: Southwest Ohio Sediment and Erosion Control Field Day

Activity Description: Miami Conservancy District provided financial and promotional support for the Southwest Ohio Sediment and Erosion Control Field Day, held at the Warren County Career Center.

Start Date: 6/12/2007

End Date: 6/12/2007

Result Statement: More than 100 construction erosion control professionals attended, learning first-hand about the value of controlling the quality and quantity of storm water runoff from construction sites both during and after construction. This educational event targets the development community, design firms, homebuilders, regulators from various jurisdictions, vendors of current erosion and sediment control products and other construction erosion control professionals.

Activity Title: Great Miami River Watershed Stormwater Collaboration Meeting

Activity Description: MCD staff developed and hosted a workshop for local government employees and policy-makers responsible for complying with federal stormwater regulations under the Clean Water Act.

Start Date: 11/1/2007

End Date: 11/1/2007

Result Statement: The agenda dealt with the needs identified by the audience in a survey taken earlier in the year. Participants learned about the Ohio EPA's expectations for the next five-year permit cycle beginning in 2008, as well as local initiatives to improve yard waste disposal and better communicate with local fire departments and Ohio EPA emergency responders. Sixty-seven individuals attended. This educational event targeted stormwater professionals who are likely to have significant storm water impacts in the Great Miami River Watershed.

1.4 *Coordinate a tour of storm water BMPs for practitioners

Activity Title: Stormwater BMP Tour

Activity Description: Miami Conservancy District coordinated a tour of Best Management Practices on September 9, 2007. Featured during the tour were rain gardens, pervious pavers, wetlands and discussions regarding their design and maintenance. Stops included Fairborn's Hidden Hills Wetland, the Fairborn Senior Center rain gardens and Wenger Woods pervious pavers and rain gardens in Brookville.

Start Date: 9/6/2007

End Date: 9/6/2007

Result Statement: Approximately 30 people attended the Best Management Practices tour. Attendees included developers, site designers, and stormwater managers. This educational event targeted stormwater professionals who are likely to have significant storm water impacts in the Great Miami River Watershed.

PUBLIC INVOLVEMENT/PARTICIPATION

Minimum Control Measure #2

2.1 *Stream Team volunteer monitors collect data and report on stream health during field season

Activity Title: Stream Team

Activity Description: The Miami Valley Stream Team is a volunteer water quality monitoring program. Stream Team trainings were held to train volunteers how to monitor the health of our rivers and streams. The training sponsored by the Hebble Creek Watershed Group and the Fairborn Parks and Recreation Department, trained volunteers who will collect data on the Hebble Creek. The Stream Teams are managed by local community organizations but MCD staff provides information and resources at their request.

Start Date: 7/28/2007

End Date: 7/28/2007

Result Statement: In 2007, Miami Conservancy District trained more than 30 volunteers on how to collect data about the chemical, biological and physical condition of their local streams. The goals of the Miami Valley Stream Team are to: increase public involvement in water quality issues through hands-on training of volunteers, including in-stream monitoring and cleanup activities, educate local communities about the relationship between land use and water quality and to provide water quality information to citizens and organizations working to protect the Miami Valley's rivers and streams. MCD staff instruct volunteers in specific urban stormwater pollution sources and ways they can reduce their personal contribution to stormwater runoff problems. This community collaboration involves and educates the public.

2.2 *Great Miami River Watershed Network meets to strategize and share resources

Activity Title: Great Miami River Watershed Network

Activity Description: Miami Conservancy District hosted three meetings of the Great Miami River Watershed Network in 2007. Formal discussion topics included; Financial Stability for Watershed Management, Working with Planning and Zoning to Protect Natural Resources and Effective Education and Outreach for Protecting the Environment.

Start Date: 1/24/2007

End Date: 1/24/2008

Result Statement: Seventy-eight individuals participated in the Network in 2007, with each meeting averaging 29 participants. Miami Conservancy District maintained information about the group's meetings on MCD's Web site, including Network minutes and presentations of past meetings. This community collaboration involves and educates the public.

2.4 *Support existing water festivals for children and the general public

Activity Title: Dayton Children's Water Festival

Activity Description: Miami Conservancy District staff served on the planning committee for the Dayton Children's Water Festival held in May on the campus of the University of Dayton. This festival reaches students from Miamisburg, Fairborn, Beavercreek, and Dayton.

Start Date: 5/9/2007

End Date: 5/9/2007

Result Statement: Staff recruited and managed 40 presenters. These presenters made several 30-minute presentations to classes of fourth graders. Approximately 1,500 children benefited from the learning experience. This community event involves and educates the public.

Activity Title: Water Festivals

Activity Description: Miami Conservancy District staff participated in several water festivals throughout the Great Miami River Watershed. Participation included financial sponsorship, advice, displays, and presentations.

Start Date: 1/24/2007

End Date: 1/24/2008

Result Statement: These events included the Honey Creek Watershed Festival, the Stillwater River Festival, the Great Miami River Days and the Butler County Water Festival. These community collaborations involve and educate the public.

ILLICIT DISCHARGE DETECTION AND ELIMINATION

Minimum Control Measure #3

3.1 *Become familiar with storm sewer system

Activity Title: Outfall Identification

Activity Description: Outfall identification included the following: gathering existing storm sewer maps and other data on known outfall locations from municipalities, field locating the outfalls and establishing coordinates using GPS receivers, gathering pertinent information about each outfall including description and receiving stream, and entering data into the Phase II Application and Database Information System (PADIS).

Start Date: 1/24/2007

End Date: 1/24/2008

Result Statement: In 2007, Miami Conservancy District located outfall locations in the following municipalities: Carlisle, Clayton, Englewood, Fairborn, Germantown, German Township in Clark County, Monroe Township in Miami County, Moorefield Township in Clark County, Riverside and Union.