

Implementation Schedule of Miami Conservancy District's 2005 Activities

The following is Miami Conservancy District's implementation schedule representing a summary of the storm water activities we plan to undertake from January 24, 2005 to January 24, 2006.

Minimum Control Measure #1

Public Education and Outreach on Storm Water Impacts				
Implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities to the community, in accordance with 3.2.1.1 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
*Hold training opportunities for technical audiences &/or facilitate the attendance of key professionals at regional training opportunities.	Hold two trainings annually for 10 people per training	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Team	To provide practical tools to protect storm water
*Coordinate a tour of storm water BMPs for practitioners	Make available an annual site visit for 10 individuals	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Team	To provide practical tools to protect storm water
Provide information about spill prevention and erosion control during the pre-construction meeting with MCD's contractors.	Have pamphlet ready to hand out at each meeting	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce construction site runoff from entering streams

TRAINING: Miami Conservancy District plans to hold two training opportunities for technical audiences and / or facilitate the attendance of key professionals at regional training opportunities.

We are currently planning a low impact development training to take place in 2005. This innovative training is targeted for developers and engineering and design firms. The second training planned is a collaborative working group that will discuss sediment and erosion control. The creation of this group is at the request of the Ohio EPA.

TOUR OF STORM WATER BMPs: Miami Conservancy District plans to coordinate a tour of storm water Best Management Practices for at least 10 practitioners.

We are currently considering three options for our BMP tour this year. We will either cooperate with the Great Miami River Watershed Network to tour storm water BMPs in one of the subwatersheds, car pool to Columbus to visit the Camp-U-Shed BMP installations at Ohio State University's campus, or visit the Rouge River in Detroit, Michigan.

SPILL PREVENTION & EROSION CONTROL PAMPHLETS: Miami Conservancy District will provide information about spill prevention and erosion control during the pre-construction meeting with MCD's contractors.

We will continue to provide pamphlets on spill prevention and erosion control at every pre-construction meeting with MCD's contractors.

Minimum Control Measure #2

Public Involvement/Participation				
Implement a public involvement and participation program which at a minimum complies with State and local public notice requirements, in accordance with 3.2.2.1 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
*Stream Team volunteer monitors collect data and report on stream health during field season.	Facilitate training of 20 new volunteers throughout Great Miami River Watershed each year	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Team	To raise awareness of stream health for those participating and those hearing reports
*Great Miami River Watershed Network meets to strategize and share resources.	Three meetings per year	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Team	To facilitate resource-sharing and limit duplication of effort
*Support existing water festivals for children and the general public.	Participate in two festivals throughout the Great Miami River Watershed annually	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Team	To encourage involvement of broad stakeholder groups in educating the public
Comply with public notice requirements.	As required, provide opportunity for public hearing and comment regarding new policies or regulatory mechanisms.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District	To maintain flow of information during the development and implementation of the SWMP
Use local partnerships to analyze soil and make recommendations on best grass seed.	Identify best grass seed and recommend its use at two different locations.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Land Stewardship Team	To reduce need for potentially polluting maintenance practices.
Provide bags along trails for dog walkers to clean up after their pets	Provide bags at one new site per year.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To reduce amount of fecal coliform entering streams from trails along waterways.

STREAM TEAM: Miami Conservancy District plans to facilitate stream team training for 20 new volunteers throughout the Great Miami River Watershed in the 2005 reporting year.

Miami Conservancy District is planning on working with The BW Greenway Community Land Trust in facilitating stream team training for 20 new volunteers throughout the Great Miami Watershed.

GREAT MIAMI RIVER WATERSHED NETWORK: Miami Conservancy District plans to facilitate three Great Miami River Watershed Network meetings in the 2005 reporting year.

The Great Miami River Watershed Network decided to meet on the first Thursday of the months of March, June, September, and December during 2005. Our March meeting agenda includes a presentation from Nancy Bain on Invasive Plants. In June, the group plans to discuss web-based tools for water management decisions and for September, the annual BMP tour is planned.

WATER FESTIVALS: Miami Conservancy District plans to support and participate in two children's water festivals throughout the Great Miami River Watershed in the 2005 reporting year.

We will continue to provide financial and staff support to the Dayton Children's Water Festival scheduled for May and the Butler County Water Festival in October.

COMPLY WITH PUBLIC NOTICE REQUIREMENTS: Miami Conservancy District will continue to provide opportunity for public hearing and comment regarding new policies or regulatory mechanisms to the extent required by law.

When new policies or regulatory mechanisms are produced, we will provide the opportunity for a public hearing and comment, to the extent required by law.

ANALYZE SOIL: Miami Conservancy District will use local partnerships to analyze soil and make recommendations on the best type of grass seed to use on MCD property.

In 2005, we will identify the best type of grass seed and recommend its use at two different locations.

DOG BAGS: Miami Conservancy District plans to provide bags for dog walkers to clean up after their pets at one new site in 2005.

We plan to install a new bag dispenser along the bikeway in West Carrollton, along the Great Miami River.

Minimum Control Measure #3

Illicit Discharge Detection and Elimination				
Create a storm sewer system map, in accordance with 3.2.3.1.2 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
*Become familiar with storm sewer system	Identify location of 100% of required outfalls in the Great Miami River Watershed	Start Date: 3/10/2003 End Date: 3/10/2006	Miami Conservancy District - Rivers & Streams	To identify and stop illicit discharges

Miami Conservancy District NPDES Phase II 2005 Implementation Schedule

Become familiar with storm sewer system	Create a map showing all identified outfalls and potential receiving waters in the Great Miami River Watershed	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Water Resources	To identify and stop illicit discharges
Identify discharging septic systems on MCD-owned land.	Submittal of list of 100% of discharging septic systems to the Ohio EPA.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Land Stewardship Committee	To be aware of location of home sewage treatment systems
Identify discharging septic systems on MCD-owned land.	Locate 100% of discharging septic systems on map of MS4 outfalls and submit to Ohio EPA.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Water Resources Section	To be aware of location of home sewage treatment systems.
Create an ordinance or other regulation to prohibit non storm-water discharges into the MS4, in accordance with 3.2.3.1.3 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality.	Require 100% of MCD contractors working on MCD-owned land to submit a copy of the necessary permit(s) regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Chief Engineer	To reduce potential of pollutants entering soil and/or streams from work sites.
Ensure construction activities do not degrade water quality.	Require 100% of MCD contractors working on MCD-owned land to post a copy of necessary permit(s) regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of pollutants entering soil and/or streams from work sites.
Ensure construction activities do not degrade water quality.	Require 100% of contractors working on MCD property to submit a copy of the necessary permit(s) regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of pollutants entering soil and/or streams from work sites.
Ensure construction activities do not degrade water quality.	Require 100% of contractors working on MCD property to post a copy of necessary permit(s) regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of pollutants from entering soil and/or streams from work sites.

Miami Conservancy District NPDES Phase II 2005 Implementation Schedule

Identify and eliminate illicit discharges, in accordance with 3.2.3.1.4 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Control illegal dumping on MCD property	Inspect 100% of MCD properties for incidents of illegal dumping two times per year.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To remain diligent in preventing/discouraging illegal dumping
Identify illicit connections to the MS4.	Review available existing maps and resources detailing illicit connections to the MS4.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Field Operations Manager	To identify potential priority areas where illicit connections are likely to occur
Eliminate illicit discharges and illegal dumping in the MS4.	Create a plan to eliminate illicit discharges and illegal dumping into our MS4.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Property Administrator / Field Operations Manager	To incorporate the most sustainable and feasible elements into an effective system of reducing storm water pollution.
Eliminate illicit discharges and illegal dumping in the MS4.	Implement plan to identify and eliminate illicit discharges and illegal dumping into our MS4.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Field Operations Manager	To dramatically reduce illicit discharges and thereby improve the quality of stream health.
Educate various audiences about the hazards associated with illegal discharges and improper disposal of waste, in accordance with 3.2.3.1.5 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Include information about illegal and improper waste disposal in mass media campaign described under MCM #1.	Print or broadcast two advertisements annually in media of general circulation.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Initiatives Team	To enlist the assistance of users, contractors, and other audiences in the task of reducing illegal discharges.
Provide information about spill prevention and erosion control during the pre-construction meeting with MCD's contractors.	Have pamphlet ready to hand out at each meeting	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce construction site runoff from entering streams

OUTFALLS: Miami Conservancy District plans to continue locating outfalls in the Great Miami River Watershed.

Our plan for 2005 is to identify outfalls in cities along the Great Miami River, the Mad River and the Stillwater River. Once the data is collected, we will meet with the city to show them what has been done and the data will be posted on Miami Conservancy District's Phase II Application and Database Information System (PADIS).

OUTFALL MAP: Miami Conservancy District will create a map showing identified outfalls and potential receiving waters in the Great Miami River Watershed.

Our plan for 2005 is to map the identified outfalls and potential waters in cities along the Great Miami River, the Mad River and Stillwater River. Once the data is collected, we will meet with the city to show them what has been done.

SEPTIC SYSTEMS LIST: Miami Conservancy District will identify discharging septic systems on MCD-owned land.

We plan to continue to identify any discharging septic systems on MCD-owned land and submit a list of the discharging systems to the Ohio EPA.

SEPTIC SYSTEM MAP: Miami Conservancy District plans to locate discharging septic systems on MCD-owned land on a map of MS4 outfalls and submit to the Ohio EPA.

In 2005, we plan to continue locating discharging septic systems and placing them on a map of MS4 outfalls and submit to the Ohio EPA.

MCD CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD-owned land will not degrade water quality.

We will continue to require 100% of MCD contractors working on MCD-owned land to submit a copy of necessary permit(s) regarding land disturbances.

MCD CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD-owned land will not degrade water quality.

We will continue to require 100% of MCD contractors working on MCD-owned land to post a copy of necessary permit(s) regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality.

We will continue to require 100% of contractors working on MCD property to submit a copy of the necessary permit(s) regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality.

We will continue to require 100% of contractors working on MCD property to post a copy of the necessary permit(s) regarding land disturbances.

ILLEGAL DUMPING: Miami Conservancy District will control illegal dumping on MCD property.

We plan to inspect 100% of MCD properties for incidents of illegal dumping two times per year. If illegal dumping has occurred, MCD will contact the proper authorities for enforcement.

IDENTIFYING ILLICIT DISCHARGES: Miami Conservancy District will identify illicit connections to our municipal separate storm sewer system.

In 2005, we will review available existing maps and resources detailing illicit connections to the municipal separate storm sewer system to identify potential priority areas where illicit connections are likely to occur.

ILLICIT DISCHARGES & ILLEGAL DUMPING: Miami Conservancy District will create a plan to identify and eliminate illicit discharges and illegal dumping into our MS4.

Miami Conservancy District will continue to enforce our policy in which nothing is allowed on MCD property without a permit. This will help reduce the chance of illicit discharges and illegal dumping to the MS4.

ILLICIT DISCHARGES & ILLEGAL DUMPING: Miami Conservancy District will implement our plan to identify and eliminate illicit discharges and illegal dumping into our MS4.

Miami Conservancy District will continue to enforce our policy in which nothing is allowed on MCD property without a permit. This will help reduce the chance of illicit discharges and illegal dumping to the MS4.

MASS MEDIA CAMPAIGN: Miami Conservancy District plans to include information about illegal dumping and improper waste disposal in mass media campaign.

In 2005, we are planning to broadcast an advertisement on a local television station that will air from June to September.

SPILL PREVENTION & EROSION CONTROL PAMPHLET: Miami Conservancy District plans to provide information about spill prevention and erosion control during pre-construction meeting with MCD's Contractors.

We will continue to provide pamphlets on spill prevention and erosion control at every pre-construction meeting with MCD's contractors.

Minimum Control Measure #4

Construction Site Storm Water Runoff Control				
Create an ordinance or other regulation requiring erosion and sediment controls on disturbed sites equal to or greater than one acre that includes sanctions to help ensure compliance, in accordance with 3.2.4.1.1 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality with sediments.	Amend Land Use Permit language to require 100% of contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.

Miami Conservancy District NPDES Phase II 2005 Implementation Schedule

Ensure construction activities do not degrade water quality with sediments.	Amend Land Use Permit language to require 100% of contractors working on MCD property to post a copy of the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Amend contract specifications to require 100% of MCD contractors working on MCD-owned land to submit the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Amend contract specifications to require 100% of MCD contractors working on MCD property to post a copy of the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.
Require construction site operators to implement appropriate erosion and sediment control BMPs, in accordance with 3.2.4.1.2 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality with sediments.	Require 100% of MCD contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites
Ensure construction activities do not degrade water quality with sediments.	Require 100% of MCD contractors working on MCD land to post a copy of the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.

Miami Conservancy District NPDES Phase II 2005 Implementation Schedule

Ensure construction activities do not degrade water quality with sediments.	Require 100% of contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Require 100% of contractors working on MCD property to post a copy of the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.
Require construction site operators to control waste, including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste, in accordance with 3.2.4.1.3 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality with sediments.	Require 100% of MCD contractors working on MCD property to comply with project specifications and obtain necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of pollutants entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Require 100% of contractors working on MCD property to submit a copy of the necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Require 100% of contractors working on MCD property to post a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.

Develop and implement procedures for site plan review which incorporates consideration of potential water quality impacts, in accordance with 3.2.4.1.4 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality with sediments.	Amend 100% of project specifications to include runoff control requirements.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality with sediments.	Review runoff control provisions in 100% of Land Use Permit applications.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Property Administrator	To reduce potential of sediments entering streams from work sites.

Develop and implement procedures for receipt and consideration of information submitted by the public, in accordance with 3.2.4.1.5 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Develop procedure for receiving and referring information submitted by public.	Refer the public to the appropriate jurisdiction where our MS4 is located.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager and Public Affairs Manager	To provide continuity between permitting authority and public input.

Develop and implement procedures for site inspection and enforcement of control measures, in accordance with 3.2.4.1.6 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure construction activities do not degrade water quality with sediments.	Inspect 100% of MCD contractors to ensure they comply with contract specifications and to ensure erosion control is practiced.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.
Ensure construction activities do not degrade water quality.	Enforce contract specifications regarding runoff control measures for 100% of contracts.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential of sediments entering streams from work sites.

LAND USE PERMIT: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will amend our Land Use Permit to require 100% of contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations to reduce the potential of sediments entering streams from work sites.

LAND USE PERMIT: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will amend our Land Use Permit to require 100% of contractors working on MCD property to post a copy of necessary state permit(s) and comply with local regulations to reduce the potential of sediments entering streams from work sites.

LAND USE PERMIT: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will amend contract specifications to require 100% of MCD contractors working on MCD-owned land to submit necessary state permit(s) and comply with local regulations regarding land disturbances.

LAND USE PERMIT: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will amend contract specifications to require 100% of MCD contractors working on MCD property to post a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of MCD contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of MCD contractors working on MCD land to post a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of contractors working on MCD property to post a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of contractors working on MCD property to comply with project specifications and obtain necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of contractors working on MCD property to submit a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

CONTRACTOR REQUIREMENTS: Miami Conservancy District will ensure construction activities on MCD property will not degrade water quality with sediments.

In 2005, we will continue to require 100% of contractors working on MCD property to post a copy of necessary state permit(s) and comply with local regulations regarding land disturbances.

RUNOFF CONTROL REQUIREMENTS: Miami Conservancy District will ensure construction activities will not degrade water quality with sediments.

In 2005, we will begin amending 100% of contract specifications to include runoff control requirements.

REVIEW RUNOFF CONTROL PROVISIONS: Miami Conservancy District will ensure construction activities will not degrade water quality with sediments.

In 2005, we will begin reviewing runoff control provisions in 100% of Land Use Permit applications to reduce the potential of sediment entering streams from work sites.

PUBLIC INFORMATION: Miami Conservancy District will follow the plan for receiving and referring information submitted by the public.

In 2005, we will continue to follow the plan in which we receive information from the public and either address the situation or pass it along to the correct authorities.

INSPECTIONS: Miami Conservancy District will ensure construction activities do not degrade water quality with sediments through inspections.

We will continue to inspect 100% of MCD contractors to ensure they comply with contract specifications and to ensure erosion control is practiced.

ENFORCE CONTRACT SPECIFICATIONS: Miami Conservancy District will ensure construction activities will not degrade water quality.

In 2005, we will enforce contract specifications regarding runoff control measures for 100% of contracts to reduce the potential of sediments entering streams from work sites.

Minimum Control Measure #5

Post-Construction Storm Water Management in New Development and Redevelopment				
Develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, in accordance with 3.2.5.1.1 of the Ohio General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Reduce storm water runoff from development and redevelopment as appropriate.	Reduce storm water runoff from 100% of new development and redevelopment on MCD-owned land.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce stream impacts of increased flows and impaired quality from developed projects
Reduce storm water runoff from development and redevelopment as appropriate.	Cooperate and coordinate with local authorities to reduce storm water runoff from development and redevelopment on land adjacent to MCD property.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To reduce stream impacts of increased flows and impaired quality from developed projects.
Develop and implement strategies which include a combination of structural and/or non-structural BMPs, in accordance with 3.2.5.1.2 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Utilize structural and/or non-structural BMPs.	Identify appropriate structural and non-structural BMPs for projects on MCD land.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To implement the most effective practices on MCD land.
Protect floodplains, riparian lands, wetlands, and other appropriate natural lands within the Great Miami River Watershed.	Continually identify lands that have potential to be damaged or lost. Update map annually.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Coordinator	To increase infiltration and reduce run-off that impacts streams.
Protect floodplains, riparian lands, wetlands and other appropriate natural lands within the Great Miami River Watershed.	Cooperate and coordinate with local authorities to protect these lands. Update map of protected lands annually.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Coordinator	To increase infiltration and reduce run-off that impacts streams.
Encourage structural and/or non-structural BMPs.	Cooperate and coordinate with local authorities in requiring structural and non-structural BMPs on land adjacent to MCD property.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Chief Engineer	To provide continuity of design between MCD land and other land within each jurisdiction.

Use a regulatory mechanism to address post-construction runoff from new development or redevelopment projects, in accordance with 3.2.5.1.3 of Ohio's General Permit				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Incorporate project specifications to ensure post-construction runoff equals pre-construction runoff.	100 % of MCD contracts include specifications for post-runoff control	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Chief Engineer	To reduce potential for flow modifications to impair stream health.
Ensure adequate and long-term operation and maintenance of BMPs, in accordance with 3.2.5.1.4 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Encourage proper jurisdiction to develop a policy that ensures long-term operation and maintenance of BMPs.	Cooperate and coordinate with local authorities.	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Field Operations Manager	To maintain the functionality of the original design and therefore protect stream health.
Update caretaker manual to define inspection procedures	Annual report of maintenance activity	Start Date: 3/24/2005 End Date: 3/24/2008	Miami Conservancy District - Field Operations Manager	To maintain the functionality of the original design and therefore protect stream health.

REDUCE STORM WATER RUNOFF: Miami Conservancy District will reduce storm water runoff from development and redevelopment as appropriate.

We will continue to reduce storm water runoff from 100% of new development and redevelopment on MCD-owned land, as appropriate. This is intended to reduce the impact to streams from increased flows and impaired quality from developed projects.

REDUCE STORM WATER RUNOFF: Miami Conservancy District will reduce storm water runoff from development and redevelopment as appropriate.

We will continue to cooperate and coordinate with local authorities to reduce storm water runoff from development and redevelopment on land adjacent to MCD property and as appropriate. This is intended to reduce the impact to streams from increased flows and impaired quality from developed projects.

STRUCTURAL AND NON-STRUCTURAL BMPs: Miami Conservancy District will utilize structural and non-structural best management practices.

We will continue to identify appropriate structural and non-structural BMPs for projects on MCD land.

LAND PRESERVATION: Miami Conservancy District will protect floodplains, riparian lands, wetlands, and other appropriate natural lands within the Great Miami River Watershed.

In 2005, we will continue to identify lands that have the potential to be damaged or lost and we will update the map as needed.

LAND PRESERVATION: Miami Conservancy District will protect floodplains, riparian lands, wetlands, and other appropriate natural lands within the Great Miami River Watershed.

In 2005, we plan to cooperate and coordinate with local authorities to protect floodplains, riparian lands, wetlands and other appropriate natural lands within the Great Miami River Watershed. We will continue to update a map of protected lands.

ENCOURAGE STRUCTURAL AND/ OR NON-STRUCTURAL BMPs: Miami Conservancy District will encourage structural and/ or non-structural best management practices.

In 2005, we will continue to cooperate and coordinate with local authorities in requiring structural and non-structural BMPs on land adjacent to MCD property.

SPECIFICATIONS FOR POST-RUNOFF CONTROL: Miami Conservancy District will incorporate project specifications to ensure post-construction runoff equals pre-construction runoff.

In 2005, MCD contracts will include specifications for post-runoff control. This is intended to reduce the impact to streams from flow modifications.

OPERATION & MAINTENANCE: Miami Conservancy District will encourage proper jurisdictions to develop a policy that ensures long-term operation and maintenance of best management practices.

In 2005, we will continue to cooperate and coordinate with local authorities and encourage them to develop a policy ensuring long-term operation and maintenance of best management practices.

INSPECTION PROCEDURES: Miami Conservancy District will update inspection procedures.

In 2005, we will update inspection procedures to include a requirement for the caretaker's to submit an annual inspection report of maintenance activities.

Minimum Control Measure #6

Pollution Prevention/Good Housekeeping for Municipal Operations				
Develop and implement an operation and maintenance program that includes a training component to prevent/reduce pollutant runoff from municipal operations, in accordance with 3.2.6.1.1 of Ohio's General Permit.				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Ensure all hazardous materials are properly stored and labeled in MCD facilities.	Perform annual inspections of all hazardous materials stored in MCD facilities.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager and Safety Committee	Properly handle hazardous materials to prevent accidental spills.
To know where drains within MCD facilities go to or are connected.	Analyze and document where storm drains go.	Start Date: 3/24/2004 End Date: 3/24/2007	Miami Conservancy District - Field Operations Manager	To be aware of possible path of any spilled fluids.
Respond to spills of hazardous materials by MCD staff.	Review and update spill response program and include in caretaker's manual.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Field Operations Manager and Safety Committee	To reduce contamination of streams by unexpected spills.
Respond to hazardous materials spills by MCD staff.	Determine which haz-mat team is appropriate to contact at each of MCD's flood control features and include in caretaker's manual.	Start Date: 3/24/2005 End Date: 3/24/2006	Miami Conservancy District - Field Operations Manager, Safety Committee	To improve response time in the event of an unexpected spill.
Enhance program to deter illegal dumping on MCD property in cooperation with local police force.	Caretakers include information on local police calls for dumping incident in their regular reports.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To reduce the amount of debris and trash deposited on MCD property, much of which will ultimately have easy access to local streams.
Reduce amount of debris and trash from river channels.	Hold all-employees trash pick-up day, annually.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To gather debris and trash that has been dumped or deposited on MCD land.
Improve fuel storage practices at MCD maintenance locations.	Install fuel containment system for MCD facilities.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To reduce likelihood of a fuel leak that could negatively impact streams
Properly manage automobile fluids.	Maintain oil and solvent recycling program by approved contractor and include pick-up dates in annual report.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To ensure that fluids are disposed of properly.

Miami Conservancy District NPDES Phase II 2005 Implementation Schedule

Sweep bikeways	Document annual reporting of miles swept.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To reduce likelihood that contaminants are washed from bike path and into the streams.
Minimize runoff from fleet washing operations.	Review and update MCD fleet vehicle washing practices.	Start Date: 3/24/2004 End Date: 3/24/2007	Miami Conservancy District - Field Operations Manager	To reduce possibility that wash water will result in stream impairment.
Maintain floodgates to consider pollution impacts.	Analyze floodgate maintenance practices and update as practicable	Start Date: 3/24/2004 End Date: 3/24/2007	Miami Conservancy District - Field Operations Manager	To reduce potential for stream impacts from these practices.
Continue to practice responsible pesticide use.	Continue to retain licensed pesticide applicators on staff.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To ensure that only the proper amount of pesticides are applied
Continue to practice responsible fertilizer use.	Continue to use fertilizer products as needed, not exceeding manufacturer's recommendations.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To limit excess nitrogen and phosphorus from impacting streams
Ensure Dayton Fire Department is aware of all flammable liquids stored at MCD's Dayton Maintenance Facility.	Maintain permit with Dayton Fire Department for all flammable liquids stored at MCD's Dayton Maintenance Facility.	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Field Operations Manager	To reduce the likelihood of discharge to the stream.
<p>Use available training materials to train employees to prevent/reduce storm water pollution from park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance, in accordance with 3.2.6.1.2 of the Ohio General Permit.</p>				
BMP	Measurable Goal	Time	Responsible Party	Rationale
Train employees on existing policies related to pollution prevention and good housekeeping, once developed.	Train 100% of employees on existing policies related to pollution prevention and good housekeeping	Start Date: 3/24/2004 End Date: 3/24/2007	Miami Conservancy District - Watershed Coordinator	To provide employees with skills to maintain a minimum level of protection of the stream from facility operations
Train employees on new policies related to pollution prevention and good housekeeping, once developed.	Train 100% of employees on new policies related to pollution prevention and good housekeeping	Start Date: 3/10/2003 End Date: Permit Expiration	Miami Conservancy District - Watershed Coordinator	To provide employees with skills to maintain protection of the stream from facility operations.

HAZARDOUS MATERIALS: Miami Conservancy District will ensure all hazardous materials are properly stored and labeled in MCD facilities.

We will perform an annual inspection of all hazardous materials stored in MCD facilities and we will continue to store gasoline in a ventilated cabinet. Safety cans will be purchased on an as needed basis.

STORM DRAINS: Miami Conservancy District will analyze and document where storm drains within MCD facilities go to or are connected.

In 2005, we will analyze and document where storm drains go, so that in the event of an accidental spill we will know the possible path and can notify the correct authorities.

UPDATE SPILL RESPONSE PROGRAM: Miami Conservancy District will continue to respond to spills of hazardous materials by MCD staff.

In 2005, we will begin reviewing and updating our spill response program and include it in the caretaker's manual.

HAZARDOUS MATERIALS TEAM: Miami Conservancy District will continue to respond to spills of hazardous materials by MCD staff.

In 2005, we will determine which haz-mat team is appropriate to contact at each of MCD's flood control features and include this information in the caretaker's manual.

ILLEGAL DUMPING: Miami Conservancy District will enhance program to deter illegal dumping on MCD property in cooperation with local police force.

In 2005, caretakers will continue to contact the local police regarding dumping incidents. This will help reduce the amount of debris and trash deposited on MCD property, much of which will ultimately have easy access to local streams. We also plan to install barricades around the Warren County Wellfield, along Twin Creek.

RIVER CLEAN-UP: Miami Conservancy District will reduce the amount of debris and trash from river channels by holding an all-employee trash pick-up day.

In 2005, we will conduct an all-employee trash pick-up day. The date and location is to be determined.

FUEL STORAGE: Miami Conservancy District will continue to improve fuel storage practices at MCD maintenance locations.

In 2005, we will continue to maintain our fuel containment systems at each of our maintenance facilities.

AUTOMOBILE FLUIDS: Miami Conservancy District will properly manage automobile fluids.

We will continue to recycle oil and solvent by having the materials removed by Crystal Clean, an approved contractor. We will include pick-up dates in the annual report. Crystal Clean will also clean and inspect the parts cleaner.

SWEEP BIKEWAYS: Miami Conservancy District will sweep bikeways.

In 2005, we will continue to sweep bikeways and document the number of miles swept.

FLEET WASHING OPERATIONS: Miami Conservancy District will minimize runoff from fleet washing operations.

We will continue reviewing and updating MCD's fleet washing practices to reduce the possibility that wash water will result in stream impact.

FLOODGATES: Miami Conservancy District will maintain floodgates to consider pollution impacts.

We will continue analyzing floodgate maintenance practices and update as practicable.

PESTICIDE USE: Miami Conservancy District will continue to practice responsible pesticide use.

In 2005, we will continue to retain licensed pesticide applicators on staff to ensure that only the proper amount of pesticides are applied. All pesticide sprayers will be certified.

FERTILIZER USE: Miami Conservancy District will continue to practice responsible fertilizer use.

We will continue to use fertilizer products as needed, not exceeding manufacturer's recommendations to limit excess nitrogen and phosphorus from impacting streams.

FLAMMABLE LIQUIDS: Miami Conservancy District will ensure the City of Dayton Fire Department is aware of all flammable liquids stored at MCD's Dayton Maintenance Facility.

We will continue to maintain our permit with the City of Dayton Fire Department for all flammable liquids stored at MCD's Dayton Maintenance Facility.

EMPLOYEE TRAINING: Miami Conservancy District will train employees on existing policies related to pollution prevention and good housekeeping.

We will continue to ensure that 100% of employees are trained on existing policies related to pollution prevention and good housekeeping. This will provide them with skills to maintain a minimum level of protection of the stream from facility operations.

EMPLOYEE TRAINING: Miami Conservancy District will train employees on new policies related to pollution prevention and good housekeeping.

In 2005, we will continue researching new policies related to pollution prevention.