

# MICHIGAN DEPARTMENT OF TRANSPORTATION

## PHASE I STORMWATER ANNUAL REPORT FOR 7/1/02-6/30/03

Ann Arbor Permit No. MI0053911  
Flint Permit No. MI0053929  
Grand Rapids Permit No. MI0053937  
Sterling Heights Permit No. MI0053953  
Warren Permit No. MI0053945

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For:



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# Table of Contents

1. Overview of this Annual Report
  - 1.1. Introduction
  - 1.2. Storm Water Regulations that Apply to MDOT
  - 1.3. Organization of Annual Report
2. Program Management
  - 2.1. Overview
  - 2.2. Storm Water Management Responsibilities within MDOT
  - 2.3. Coordination with Municipal Storm Water Permittees
  - 2.4. Coordination with the Public
  - 2.5. Analysis of Legal Authority
3. Public Education BMPs
  - 3.1. Overview
  - 3.2. BMP Status and Measurable Goals
    - 3.2.1. BMP Changes
    - 3.2.2. Internal Notification of Storm Water Management Program
    - 3.2.3. Internal Education: Training Modules for Job-Related Public
    - 3.2.4. Internal Education: Illicit Discharges and Improper Waste Disposal
    - 3.2.5. Internal Education: Ultimate Discharge Point and Potential Impacts of Pollutants
    - 3.2.6. Internal Education: Watershed Stewardship
    - 3.2.7. General Public Education: Water Quality Protection and Storm Water as a Pollution Source
  - 3.3. Implementation Schedule
4. Public Involvement/Participation BMPs
  - 4.1. Overview
  - 4.2. BMP Status and Measurable Goals
    - 4.2.1. BMP Changes
    - 4.2.2. Public Notification of Storm Water Management Program
    - 4.2.3. Notification of Local Stream or Watershed Protection Organizations
  - 4.3. Implementation Schedule
5. Illicit Discharge Elimination Program BMPs
  - 5.1. Overview
  - 5.2. BMP Status and Measurable Goals
    - 5.2.1. BMP Changes
    - 5.2.2. Dry Weather Field Screening
    - 5.2.3. Follow-Up Identification and Elimination Program
    - 5.2.4. Preventing Future Illicit Connections and Discharges
  - 5.3. Implementation Schedule

## Table of Contents-continued

6. Project Post Construction BMPs
  - 6.1. Overview
  - 6.2. BMP Status and Measurable Goals
    - 6.2.1. BMP Changes
    - 6.2.2. Coordination with MPOs and Local Planning Agencies
    - 6.2.3. Review of Site Plans for Commercial Operations
  - 6.3. Implementation Schedule
7. Construction Erosion and Sediment Control BMPs
  - 7.1. Overview
  - 7.2. BMP Status and Measurable Goals
    - 7.2.1. BMP Changes
    - 7.2.2. Notification of MDEQ of Non-compliance
    - 7.2.3. Procedure to Receive and Consider Public Complaints
  - 7.3. Implementation Schedule
8. Pollution Prevention/Good Housekeeping BMPs
  - 8.1. Overview
  - 8.2. BMP Status and Measurable Goals
    - 8.2.1. BMP Changes
    - 8.2.2. MDOT Manuals
    - 8.2.3. Structural and Non-Structural BMPs
    - 8.2.4. Operation and Maintenance
    - 8.2.5. Fleet Maintenance
    - 8.2.6. Storm Sewer Labeling
    - 8.2.7. Pesticides and Fertilizers
  - 8.3. Implementation Schedule
9. Program Assessment and Reporting
  - 9.1. Overview
  - 9.2. Compliance Assessment
  - 9.3. Environmental Impacts
  - 9.4. Data and Results
  - 9.5. Upcoming Activities
  - 9.6. BMP Changes
  - 9.7. Notice of Changes in Reliance on Permitted Drainage System Operators
  - 9.8. Drainage System Changes
  - 9.9. Revised Fiscal Analysis
  - 9.10. Annual Budget
10. Location-Specific Information
  - 10.1. Overview
  - 10.2. City of Ann Arbor – University Region/Brighton TSC
  - 10.3. Flint – Bay Region/Davidson TSC
  - 10.4. Grand Rapids – Grand Region/Grand Rapids TSC
  - 10.5. Sterling Heights – Metro Region/Macomb TSC
  - 10.6. Warren – Metro Region/Macomb TSC

## **Table of Contents-continued**

### **Appendices**

- A. Public Education Database
- B. Watershed and Local Stream Organizations
- C. Excerpt from MDOT Drainage Manual
- D. Website Document Downloads
- E. Updates to Construction Permit Manual
- F. Internal Training Modules

## List of Tables and Figures

### Tables

Table 3-1	Internal Notification of Storm Water Management Program Measurable Goals
Table 3-2	Internal Education: Illicit Discharges and Improper Waste Disposal Measurable Goals
Table 3-3	Internal Education: Ultimate Discharge Point and Potential Impacts of Pollutants Measurable Goals
Table 3-4	Internal Education: Watershed Stewardship Measurable Goals
Table 3-5	General Public Education: Water Quality Protection and Storm Water as a Pollution Source
Table 3-6	Implementation Schedule for Public Education and Outreach Program
Table 4-1	Public Notification of Storm Water Management Program Measurable Goals
Table 4-2	Notification of Local Stream or Watershed Protection Organizations Measurable Goals
Table 4-3	Implementation Schedule for Public Involvement and Implementation BMPs
Table 5-1	Results of Dry Weather Field Screening for MDOT Phase I Communities
Table 5-2	Preventing Future Illicit Connections and Discharges Measurable Goals
Table 5-3	Implementation Schedule for Illicit Discharge Elimination Program BMPs
Table 6-1	Coordination with MPOs Measurable Goals
Table 6-2	Review of Site Plans for Commercial Operations Measurable Goal
Table 6-3	Implementation Schedule for Post Construction Storm Water Management Program for New Development and Redevelopment Project BMPs
Table 7-1	Implementation Schedule for Construction Storm Water Runoff Control BMPs
Table 8-1	Structural Controls Measurable Goals
Table 8-2	Operation and Maintenance Measurable Goals
Table 8-3	Fleet Maintenance Measurable Goals
Table 8-4	Storm Sewer Labeling Measurable Goals
Table 8-5	Pesticides and Fertilizers Measurable Goals
Table 8-6	Implementation Schedule for Construction Storm Water Runoff Control BMPs
Table 9-1	Annual Expenditure and Budget
Table 10-1	Contact Information for Ann Arbor
Table 10-2	City of Ann Arbor Outfall Information
Table 10-3	Contact Information for Flint
Table 10-4	City of Flint Outfall Information
Table 10-5	Contact Information for City of Grand Rapids
Table 10-6	City of Grand Rapids Outfall Information
Table 10-7	Contact Information for Sterling Heights
Table 10-8	City of Sterling Heights Outfall Information
Table 10-9	Contact Information for Warren
Table 10-10	City of Warren Outfall Information

## List of Tables and Figures-continued

### Figures

- Figure 2-1 Phase I Communities and MDOT Regions Overview Map
- Figure 10-1 City of Ann Arbor Drainage System Map
- Figure 10-2 Outfall Number 25072-00-A000N in the City of Flint
- Figure 10-3 Outfall Number 25052-50-A000N in the City of Flint
- Figure 10-4 Outfall Number 25052-30-A000N in the City of Flint
- Figure 10-5 Outfall Number 25072-24-A000N in the City of Flint
- Figure 10-6 Outfall Number 25072-51-A000N in the City of Flint
- Figure 10-7 Outfall Number 25072-70-A000N in the City of Flint
- Figure 10-8 City of Flint Drainage System Map
- Figure 10-9 Outfall Number 41014-70-A000N in the City of Grand Rapids
- Figure 10-10 Outfall Number 41051-52-A000N in the City of Grand Rapids
- Figure 10-11 City of Grand Rapids Drainage System Map
- Figure 10-12 City of Sterling Heights Drainage System Map
- Figure 10-13 City of Warren Drainage System Map

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# Executive Summary

The Michigan Department of Transportation (MDOT) is pleased to submit an annual report for their five Phase I Storm Water NPDES Permits. The report covers the time period of July 1, 2002 to June 30, 2003 for the Cities of Ann Arbor (Permit No. MI0053911), Flint (Permit No. MI0053929), Grand Rapids (Permit No. MI0053937), Sterling Heights (Permit No. MI0053953), and Warren (Permit No. MI0053945).

MDOT is working with the Michigan Department of Environmental Quality (MDEQ) to develop a statewide Phase II permit with storm water management plans for each Region. The statewide Phase II permit would supercede the five Phase I permits when it is issued.

A summary of the report organization is available in Chapter 1. The report is arranged by the six minimum measures outlined in the Phase I permits and includes a chapter on program management. Location specific information about MDOT facilities in each of the permitted cities is included in Chapter 10, including illicit discharge/connection removal status and community contacts.

MDOT has accomplished a number of new initiatives during this past fiscal year. The MS4 Team meets on a monthly basis to plan and implement the Storm Water Management Plan. These meetings have developed as a central theme for MDOT's Program and have been very successful. Also, the storm water public Web site has continued its usefulness as an educational tool. Over 1700 documents were downloaded from the Web site. Many enhancements were made over the past year including the posting of the FY2003 Annual Report and the Storm Water Management Plan (SWMP). Also, the updated storm water brochure was posted as a PDF document. A total of 5,000 additional copies of an updated MDOT storm water program brochure were printed and over half of those were passed out to the public and MDOT employees.

A new Drainage Manual has been finalized and is available on the storm water Web site at [www.michigan.gov/stormwater](http://www.michigan.gov/stormwater) to download. MDOT is currently working on publishing hard copies of the document. The manual contains new requirements for drainage on all MDOT projects along with descriptions of best management practices (BMPs) and water quality considerations.

New Internal Training Modules were developed for MDOT's "Train the Trainer" initiative. The modules are designed for presentation at the regularly scheduled meetings of MDOT staff. Evaluation Forms were prepared for each module to measure the effectiveness of the education for those individuals who attend the training. These evaluation forms will be compiled and used to measure the success of this training in the next annual report. Approximately 26 training sessions were given this past fiscal year. The four training modules are:

- Module 1 – Storm Water Management Program Introduction
- Module 2 – Best Management Practices
- Module 3 – Storm Water Maintenance Considerations
- Module 4 – Illicit Discharge Elimination Program

A copy of these training modules is included in Appendix F.