

7. NORTH REGION

This chapter represents the activities to be performed by the MDOT North Region in fulfillment of the Permit requirements. Each region has its own chapter within this Storm Water Management Plan (SWMP) containing the required activities it will perform as described in the Activities (Section 3.7).

Included in this chapter is an outline of the proposed procedures described in the activities that will be incorporated into MDOT roadway projects, a map of the North Region facilities (Figure 7-1), contact and address information (Table 7-1), and a table containing the activities the North Region will implement (Table 7-2). Each activity fact sheet is represented in Table 7-2 with a checkmark next to the applicable activities. Each activity is also indicated as a statewide or an urbanized area requirement per the Permit.

The facility map is included to indicate locations where pollution prevention measures are taken. Contact information is provided on the MDOT employees in managerial positions for each Region/Transportation Service Center (TSC).

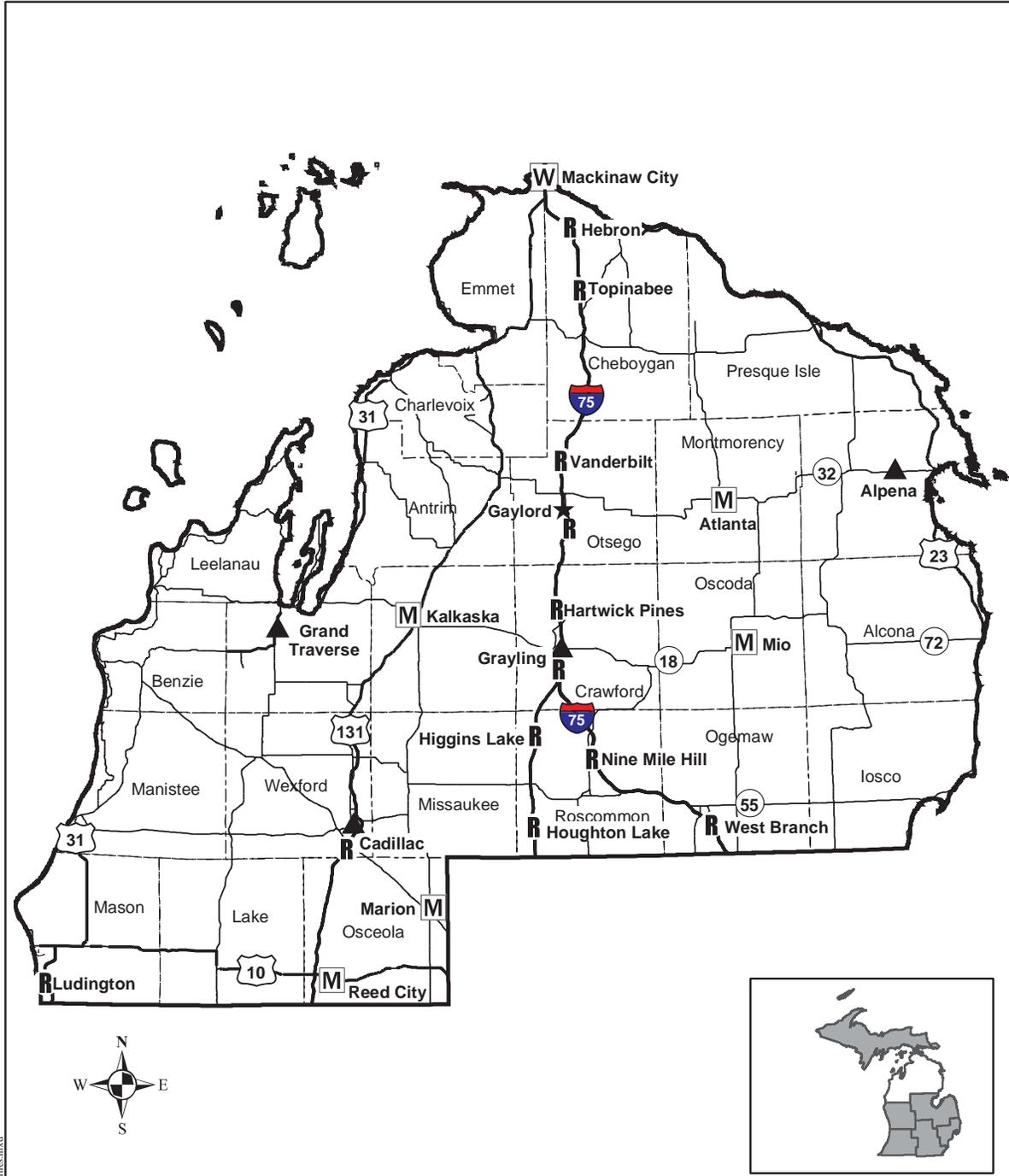
The following outline of proposed SWMP procedures shows the order in which individual activities, as described in Chapter 3, are followed within the scope of a typical MDOT roadway project. Once these procedures are developed, they will be incorporated into MDOT projects on a case-by-case basis depending on the scope and needs of the project.

1. Early coordination with MDEQ will be sought during the initial design of selected projects (MDEQ Early Coordination Workgroup).
2. Metropolitan Planning Organizations (MPO)s with storm water management plans or storm water master plans will be identified and worked with to assure plan obligations are met.
3. Post construction Best Management Practices (BMPs) will be selected based on MDOT BMP selection criteria with consideration given to MDEQ and MPO input to the maximum extent practicable. BMP selection will also be based on approved BMPs in the MDOT Drainage Manual and any Total Maximum Daily Load (TMDL) requirements (BMP Design and Maintenance Workgroup).
4. Maintenance requirements will be developed for new BMPs (BMP Design and Maintenance Workgroup).
5. Post-construction BMPs will be properly installed and maintained following BMP selection.
6. Construction activities will be conducted under MDOT's approved Soil Erosion and Sedimentation Control (SESC) Plan and the State of Michigan's Permit by Rule.
7. The outfall labeling procedure will be implemented if new outfalls are planned within urbanized areas. The consultant conducting outfall mapping will be notified that new outfalls are in place (Outfall Labeling Workgroup).
8. Existing known outfalls will be identified and mapped (Outfall Mapping Workgroup).
9. New flow control structures in urbanized areas will be reviewed and assessed for water quality benefits gained based on calculated pollutant removal rates.

10. SWMP activities will be tracked and documented. Examples include tracking the number of outfalls labeled and tracking maintenance activities through the Maintenance Activity Reporting System (MARS) (Program Assessment and Reporting Workgroup).

For specific roadway projects scheduled to be completed in the North Region, refer to MDOT's 2004-2008 Five Year Transportation Program. The 2004-2008 Five Year Transportation Program is a report highlighting Michigan's plan for preserving and improving its transportation network. The report describes the planned projects for each MDOT region. A link to the report is available on the MDOT Storm Water Management Web site. The 2004-2008 Five Year Transportation Program is currently underway and will limit the ability to implement new procedures not yet adopted by MDOT. Therefore, new procedures will be incorporated as they are adopted.

Figure 7-1 North Region Facilities Map



File Path: 03260901\03\Projects\MDOT\Facilities.mxd

MDOT Facilities

North Region



TETRA TECH MPS

1:1,600,000

Data Source: Center for Geographic Information & MDOT Web Site

Designer: NKT Date: 11-17-04

Legend

- MDOT Roads
- ▭ Counties
- ▭ North Region
- M** MDOT Facilities Maintenance Garage
- ★ Region Office
- R** Rest Area
- ▲ TSC
- W** Welcome Center

Table 7-1 North Region Contact Information

<p>North Region Office Region Engineer: Brian Ness Region Storm Water Coordinator: Gary Niemi</p>	<p>2927 D&M Drive Gaylord, MI 49735 Phone: 989-731-5090 FAX: 989-731-0536 Toll Free:888-304-MDOT (6368)</p>
<p>Alpena TSC Manager: Scott Thayer 1540 Airport Rd. Alpena, MI 49707</p>	<p>Phone: 989-356-2231 FAX: 989-354-4142 Toll Free:877-404-MDOT (6368)</p>
<p>Cadillac TSC Manager: Richard E. Liptak, Jr. 100 E. Chapin Cadillac, MI 49601</p>	<p>Phone: 231-775-3487 FAX: 231-775-0301 Toll Free:800-943-MDOT (6368)</p>
<p>Grayling TSC Manager: Bonnie Bussard 1680 Hartwick Pines Rd. Grayling, MI 49738</p>	<p>Phone: 989-344-1802 FAX: 989-344-8403 Toll Free:888-811-MDOT (6368)</p>
<p>Traverse City TSC Manager: Rise Rasch 2084 US-31 South, Suite B Traverse City, MI 49684</p>	<p>Phone: 231-941-1986 FAX: 231-941-1512 Toll Free:888-457-MDOT (6368)</p>
<p>Cadillac Rest Area 306 US-131 NB, Mile Marker 174</p>	<p>Wexford County</p>
<p>Ludington Rest Area 328 US-31 NB, Mile Marker 163</p>	<p>Mason County</p>
<p>Houghton Lake Rest Area 401 US-127 NB, Mile Marker 204</p>	<p>Roscommon County</p>
<p>Higgins Lake Rest Area 402 US-127 SB, Mile Marker 218</p>	<p>Roscommon County</p>
<p>Grayling Rest Area 403 I-75 NB, Mile Marker 252</p>	<p>Crawford County</p>
<p>Hartwick Pines Rest Area 404 I-75 SB, Mile Marker 262</p>	<p>Crawford County</p>
<p>Gaylord Rest Area 405 I-75 NB, Mile Marker 277</p>	<p>Otsego County</p>
<p>Vanderbilt Rest Area 406 I-75 SB, Mile Marker 287</p>	<p>Otsego County</p>
<p>Topinabee Rest Area 407 I-75 NB, Mile Marker 317</p>	<p>Cheboygan County</p>
<p>Hebron Rest Area 408 I-75 SB, Mile Marker 328</p>	<p>Cheboygan County</p>

Mackinaw City Welcome Center 409 I-75 NB SB	Emmet County Both South bound and north bound just off I-75 exit number 338 on Nicolet Street.
West Branch Rest Area 433 I-75 NB	Ogemaw County
Nine Mile Hill Rest Area 434 I-75 SB	Roscommon County

Table 7-2 North Region Activity Requirements

Activity #	Statewide (S) or Urbanized Area (UA)	Implemented in this Region
E-1: Maintain and Use Lansing Information Center	S*	√
E-2: Publish Articles in MDOT Publications	S*	
E-3: Provide Information on Watershed Stewardship on the MDOT Public Web site	S*	
E-4: Provide Education Materials Along with Tap-in/Discharge Permit Applications	S	√
E-5: Notify and Invite Public to Review and Comment on the Storm Water Management Plan (SWMP)	S*	√
E-6: Determine Partnership Potential with MDEQ Statewide Public Education Program	S*	
T-1: Present Applicable Training Modules to Lansing & Region/TSC Staff	S	√
T-2: Certify MDOT's Staff for Pesticide/Fertilizer Application	S*	√
T-3: Train Staff Responsible for Administering Part 91 and those having Decision Making Authority for SESC Development or Review, Inspections, or Enforcement; and Storm Water Operators as Required under Part 31	S*	√
T-4: Survey MDOT Staff on Storm Water Knowledge	S*	√
I-1: Submit and Implement Mapping Schedule for Outfalls	UA*	
I-2: Perform Inventory and Screening on Outfalls	UA*	
I-3: Procedure for Receiving and Notifying MDEQ of Illicit Discharges and Actions Taken	S	√
I-4: Report Updates and Changes to Legal Authority Status	S*	
I-5: Map Known Outfalls (statewide)	S*	√
C-1: Maintenance Requirements for MDOT BMPs	S	√
C-2: Identify and Coordinate with MPOs Having a SWMP	S	√
C-3: Procedure to Select and Apply Best Management Practices (BMP)s for Storm Water Management Activities (Post-Const.)	S	√
C-4: Procedure to Work with MDEQ for Early Coordination on Initial Design Projects	S*	√
C-5: Review Projects with Storm Water Discharges to Water Bodies with a Promulgated Total Maximum Daily Load	S*	√
C-6: Implement Procedures to Select and Apply Best Management Practices for Storm Water Management Activities (Post-Const.)	S	√
C-7: Internal Quality Assurance/Quality Control (QA/QC) Protocol for Construction Storm Water Control	S*	√
C-8: Periodically Update Drainage Manual	S*	
C-9: Documentation and Tracking of Road Maintenance Activities	S	√
C-10: Procedure for Outfall Labeling	UA*	
C-11: Review Flow Control Structures	UA	
C-12: Audit the Pollution Incident Prevention Plan (PIPP) Requirements	S	√
A-1: Program Assessment and Reporting	S	√

*Indicates initial activity implementation is performed by others but Region will be affected.