

Appendix B

MDOT STORMWATER PROGRAM ACTIVITY TABLES

ACTIVITY ADMINISTRATION 1: PROGRAM ASSESSMENT AND REPORTING			
Minimum Control Measure: Administrative Activities		Related Activities	
		<ul style="list-style-type: none"> All Activities 	
AFFECTED PARTY			
MDOT employees involved with the stormwater program.			
OBJECTIVE			
To assess and report on the status of the MDOT Stormwater Management Program (SMP) on an annual basis through compiling measurable goal data, perform program assessment, review auditing activities, and prepare required reports.			
DESCRIPTION			
Conduct a yearly program assessment of the MDOT Stormwater Program and conduct required reporting.			
REPORTING			
<ul style="list-style-type: none"> Track and document SWMP activities. Review SWMP Complete progress report. Conduct evaluation of program and make changes as needed. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> Progress reports shall be submitted on or before April 1, 2022 and on or before April 1 every two (2) years following. The Department may approve alternate dates for progress report submittal if requested and adequately justified by the permittee. Each progress report shall contain the following information for the entire period that has elapsed since the last progress report submittal (i.e., the reporting cycle). 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Submit reports to EGLE.	Stormwater Program Manager to submit the report to EGLE.	By April 1 st of the reporting year	Stormwater Program Manager
The Stormwater Steering Committee (SSC) will review the SMP annually.	Results of review to be submitted to Stormwater Program Manager	By July 1 st of each year	SSC Team
All tracking information for the previous year will be complete and accessible for inclusion in the required reports.	Stormwater Program Manager to compile information annually.	Annually on March 1	Consultant, Stormwater Program Manager

ACTIVITY CONSTRUCTION 1: REVIEW INTERNAL QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PROTOCOL FOR CONSTRUCTION STORMWATER RUNOFF CONTROL			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting POST CONSTRUCTION 4: Water Quality and Channel Protection POST CONSTRUCTION 5: Review Projects Discharging to Impaired Waters IDEP 1: List of Construction Projects and Maintenance Activities 	
AFFECTED PARTY			
MDOT Construction Field Services (CFS) Planning, Design, and Maintenance Supervisors.			
OBJECTIVE			
To improve the effectiveness of temporary BMPs statewide through internal QA/QC for construction stormwater control.			
DESCRIPTION			
Development of the QA/QC protocol is underway and will be submitted to the Environmental Committee for approval.			
REPORTING			
<ul style="list-style-type: none"> Track number and result of internal reviews Track actions taken per MDOT/SESC Manual. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement the construction storm water runoff control program to address areas of construction activity that disturb one (1) or more acres, including projects less than one (1) acre that are part of a larger common plan of development or sale. The permittee shall implement the construction storm water runoff control program as part of the SWMP to the maximum extent practicable. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Review the QA/QC protocol for construction stormwater control.	Revisions given to the Stormwater Program Manager by the responsible party.	By November 1, 2023	CFS, Environmental Committee
Update the QA/QC protocol for construction stormwater control as necessary.	Final QA/QC protocol given to the Stormwater Program Manager by the responsible party.		
Notify the appropriate staff of changes to the protocol.	Notification and guidance documents to be distributed to staff.	As Needed	

ACTIVITY EDUCATION 1: CONTINUE TO DEVELOP STORMWATER INTRANET SITE			
Minimum Control Measure: Education/ Outreach		Related Activities <ul style="list-style-type: none"> • ADMINISTRATION1: Program Assessment and Reporting • EDUCATION 2: Update MDOT Public Website 	
AFFECTED PARTY			
MDOT employees involved with following the procedures listed in the Stormwater Management Program.			
OBJECTIVE			
Provide informational material that can be used by designers within MDOT on the goals of the stormwater program, the procedures MDOT will follow to meet the stormwater goals, and design guidance for treating stormwater on projects.			
DESCRIPTION			
Continuously updating the stormwater intranet site with material as it revised. The stormwater intranet site will be comprised of informational material to support activities performed for the MDOT Stormwater Management Program.			
REPORTING			
<ul style="list-style-type: none"> • Updates made to the site. • Track the web page traffic. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • Educate the public on illicit discharges and promote public reporting on illicit discharges and improper disposal of materials into the MS4. • Promote public responsibility and stewardship in the permittee's watershed. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
A list of stormwater-related materials will be updated quarterly on the MDOT Stormwater intranet site.	List of updates made to stormwater intranet site.	Quarterly	Stormwater Program Manager
Quarterly notices will be made in the Monday Memo to advertise the stormwater-related material.	Number of "Monday Memo" articles issued relating to the stormwater program.	Quarterly	

ACTIVITY EDUCATION 2: UPDATE WATERSHED STEWARDSHIP INFORMATION ON MDOT PUBLIC WEBSITE			
Minimum Control Measure: Education/ Outreach		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting EDUCATION 1: Lansing Information Center Conversion 	
AFFECTED PARTY			
Job-Related Public and Traveling Public.			
OBJECTIVE			
Information pertaining to watershed stewardship currently available that is pertinent to the general, traveling public will be maintained and kept available for public use and access. Information to be updated quarterly will focus on job-related activities specific to MDOT employees.			
DESCRIPTION			
MDOT will update the public information website about the Phase II stormwater program. The website provides general information about watershed stewardship practices as well as links to pertinent stormwater-related materials. This information will be maintained and monitored to report website usage. Updated information will focus on job-related activities relevant to MDOT.			
REPORTING			
<ul style="list-style-type: none"> Track internal and external website traffic Track number of SWMP document downloads on the MDOT stormwater public website. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> Educate the job-related public of hazards associated with improper disposal of waste/illicit discharges. Promote public responsibility and stewardship in the permittee's watershed. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
The MDOT Stormwater website will be updated quarterly with the most recent MDOT stormwater information and news relevant to the job-related and traveling public.	Updates to be tracked by the Stormwater Program Manager.	Quarterly	Consultant, SSC, and Stormwater Program Manager
Comments received via contact link will be reviewed and addressed, as necessary. The comments will be archived to track the change in public awareness and behavior resulting from the implementation of the Public Education Program.	Number of comments received and addressed as necessary.	Quarterly	Consultant, Stormwater Program Manager
Track number of hits to the stormwater webpages. Review for trends.	Number of webpage hits	Annually	Consultant, Stormwater Program Manager
Review opportunities to highlight green infrastructure and PC-BMPs on the MDOT Stormwater website.	Number of examples placed on website.	Annually	Consultant, Stormwater Program Manager
Promote the stormwater website at conferences and transportation events.	Number of conferences where website promoted	Annually	Stormwater Program Manager

ACTIVITY EDUCATION 3: UPDATE STORMWATER MANAGEMENT BROCHURES			
Minimum Control Measure: Education/ Outreach		Related Activities	
		<ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • EDUCATION 2: MDOT Stormwater Website 	
AFFECTED PARTY			
Job-Related Public and Traveling Public.			
OBJECTIVE			
Further the public knowledge on stormwater and how MDOT manages stormwater through informative brochures.			
DESCRIPTION			
Informative brochures currently exist on MDOT's Stormwater website and are also distributed at events such as job fairs and various community outreach events. These brochures will be updated to contain up to date information about stormwater management.			
REPORTING			
<ul style="list-style-type: none"> • Track completion of brochure updates • Track number of downloads from website 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • Educate the public on illicit discharges and promote public reporting on illicit discharges and improper disposal of materials into the MS4. • Promote public responsibility and stewardship in the permittee's watershed • Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers. • Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Review and update existing brochures relating to stormwater management.	Number of updates to brochures. Number of updates to the MDOT stormwater website.	By December 2022	Consultant, Stormwater Program Manager
Continue to promote brochure materials at community events, job fairs, and other relevant events.	To be promoted at various events. Number of events attended to promote MDOT Stormwater Program	Ongoing	MDOT Staff attending various relevant events.
Use of MDOT stormwater website	Track number of page and brochure hits	Annually	Stormwater Program Manager

ACTIVITY EDUCATION 4: REVIEW EDUCATION MATERIALS DISTRIBUTED WITH TAP-IN/DISCHARGE PERMIT APPLICATIONS			
Minimum Control Measure: Education/Outreach		Related Activities	
		<ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment & Reporting IDEP 4: Procedure for Receiving & Notifying MDEQ of Illicit Discharges & Actions Taken 	
AFFECTED PARTY			
Applicants obtaining a Tap-In/Discharge Permit & Region/TSC Staff involved in reviewing and approving permits.			
OBJECTIVE			
Provide educational materials to drainage tap-in permit applicants showing acceptable discharges into the MDOT drainage system, the potential negative impacts to water quality from unacceptable or illegal discharges, and ways to mitigate impacts.			
DESCRIPTION			
Preparing education materials for typical development activities connecting to MDOT stormwater facilities. Established and implemented procedures for distributing these materials.			
REPORTING			
<ul style="list-style-type: none"> Track quantity of permit applications/educational materials distributed. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the SWMP to reduce the discharge of pollutants from the MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the NREPA and the Federal Act. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY
Review educational materials included in the tap-in/discharge permit application.	Items that need to be improved, as determined by the review process.	By Jan 1, 2022	Stormwater Program Manager and Construction Permit Specialist
Incorporate review comments into education materials included in the tap-in/discharge permit application.	Updated materials will be distributed to the new permit applicants.	By Mar 1, 2022	
Distribute education materials to 100% of tap-in/discharge permit applicants.	MDOT Permitting Staff to follow up with applicants to ensure information was received.	Ongoing	MDOT Permitting Staff
Review the adequacy of the procedure for distributing materials.	MDOT Permitting Staff to meet with MDOT Stormwater Staff to discuss necessary changes to education materials.	Every 5 years	

ACTIVITY EDUCATION 5: UPDATE EXISTING MODULES AND DEVELOP MS4 TRAINING MODULE FOR DESIGNERS			
Minimum Control Measure: Training Activities		Related Activities	
		<ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • IDEP 4: Notify MDEGLE of Illicit Discharges 	
AFFECTED PARTY			
Lansing and Region/TSC Staff and contract agencies			
OBJECTIVE			
Educate the job-related public about the Stormwater Management Program, focusing on design.			
DESCRIPTION			
Use the MDOT stormwater program training modules to train Lansing and Region/TSC staff and contract agencies. <ul style="list-style-type: none"> • Module One: Introduction to SW Management • Module Two: Best Management Practices • Module Three: Maintenance Considerations • Module Four: Illicit Discharge & Maintenance • A new module on MS4's for all MDOT staff 			
REPORTING			
<ul style="list-style-type: none"> • Track training attendance. • Track contract agencies receiving modules. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • Training on techniques for identifying illicit discharges and connections, including field observations, field screening, and source investigations. • Training on procedures for reporting, responding to, and eliminating an illicit discharge or connection and the proper enforcement response. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Review and update modules.	Number of updates to the training modules	Annually	Stormwater Program Manager, Consultant
Provide training so that all staff working with stormwater related issues are trained or provided refresher training once per permit cycle.	Number of trained employees	Annually	TSC, Region Managers, Stormwater Program Manager
Provide modules to contract agencies and contracting associations as requested.	Number of requests from contract agencies.	As needed.	Program Manager

ACTIVITY EDUCATION 6: CERTIFY MDOT'S STAFF FOR PESTICIDE/FERTILIZER APPLICATIONS			
Minimum Control Measure: Training Activities		Related Activities	
		<ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting 	
AFFECTED PARTY			
MDOT Maintenance Staff and Contract Agencies			
OBJECTIVE			
To reduce pollution entering waters of the state, statewide, that originates from pesticide and/or fertilizer applications.			
DESCRIPTION			
The existing training and certification program for pesticide/fertilizer applications will be evaluated and tracked to document performance and to prevent stormwater pollution. Results will be used to recommend changes if appropriate.			
ANNUAL REPORTING			
<ul style="list-style-type: none"> Track the number of individuals attending annual pesticide training. Track number of MDOT personnel certified as a pesticide applicator. Summarize evaluation and review of programs, policies, procedures and information. Report changes to fertilizer specifications. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement the procedure requiring the permittee's pesticide applicator to be certified by the State of Michigan as an applicator in the applicable category, to prevent or reduce pollutant runoff from vegetated land. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
MDOT Staff applying pesticides will be trained and certified per Michigan Department of Agriculture requirements. Staff are responsible for ensuring their certification is completed every three years and they have appropriate certification documents.	List of trained employees will be provided by the MDOT training coordinator to the Stormwater Program Manager by the TSC Region offices.	Ongoing	MDOT Maintenance Staff
MDOT Staff or Contract Agencies will follow MDOT's Standard Specifications for Construction, Sections 816 and 917 for fertilizer application practices.	Verified by MDOT Stormwater Program Manager.		
Evaluate application practices and pollution prevention measures and recommend and formalize any changes if appropriate.	A task to be completed annually, as checked by the Stormwater Program Manager.	Annually	Maintenance Environmental Team, MDOT Maintenance Staff

ACTIVITY EDUCATION 7: TRAIN STAFF RESPONSIBLE FOR ADMINISTERING PART 91 AND STORMWATER OPERATORS			
Minimum Control Measure: Training Activities		Related Activities	
		<ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • CONSTRUCTION 1: Review QAQC Protocol for Construction Stormwater Runoff Control 	
AFFECTED PARTY			
MDOT Maintenance Supervisors and Coordinators			
OBJECTIVE			
To reduce non-stormwater discharges to the MEP to receiving water bodies.			
DESCRIPTION			
The existing EGLE sponsored Soil Erosion and Sedimentation Control (SESC) training program will be attended by appropriate maintenance staff. Successful completion of the training and certification of stormwater operators will be documented.			
ANNUAL REPORTING			
<ul style="list-style-type: none"> • Track total number of staff trained and certified for compliance with Part 31 and Part 91 requirements. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • The permittee shall implement the employee training program to train employees involved in implementing pollution prevention and good housekeeping activities. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
MDOT Staff Responsible for Administering Part 91 and those having Decision Making Authority for SESC Plan Development or Review, Inspections, or Enforcement will receive NPDES training.	The number of staff trained as certified stormwater operators,	Annually	MDOT Maintenance and Resource Specialists

ACTIVITY IDEP 1: MAINTAIN LIST OF CONSTRUCTION PROJECTS AND MAINTENANCE ACTIVITIES			
Minimum Control Measure: Illicit Discharge Elimination Program Activities		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting IDEP 2: Update Maps for Outfalls in Urban Area CONSTRUCTION 1: Review QAQC Protocol for Construction Stormwater Runoff Control 	
AFFECTED PARTY			
MDOT Region Stormwater Coordinators, Planning and Design, and Asset Management, Traveling Public, General Public			
OBJECTIVE			
To inform interested persons of construction projects.			
DESCRIPTION			
List of construction activities available to the public through the MDOT website.			
REPORTING			
<ul style="list-style-type: none"> A list of these projects and activities will be made available on the MDOT website 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The procedure for ensuring that construction activity one (1) acre or greater in total earth disturbance with the potential to discharge to the permittee's MS4 obtains a Part 91 permit or is conducted by an approved Authorized Public Agency, as appropriate. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY
Maintain a list of construction projects.	List of construction projects available on the MDOT website	Update as projects change	MDOT Planning
Maintenance projects that affect drainage system	List of maintenance projects that affect drainage system	Annually	MDOT Stormwater Manager, region/TSC staff

ACTIVITY IDEP 2: DEVELOP MAPPING SCHEDULE AND UPDATE MAPS FOR OUTFALLS			
Minimum Control Measure: Illicit Discharge Elimination Program Activities		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting IDEP 1: Maintain List of Active Construction Projects and Major Maintenance Activities 	
AFFECTED PARTY			
MDOT Staff and Contractor/Consultant, MDOT Region Stormwater Coordinators, Design, Construction Field Services Staff, and Asset Management			
OBJECTIVE			
To develop current outfall maps and schedule for updating in the future.			
DESCRIPTION			
To develop a schedule for mapping outfalls in MDOT right-of-way in urbanized areas. Known outfalls will be mapped based on existing survey maps.			
REPORTING			
<ul style="list-style-type: none"> Track completed maps and updated outfalls Report physical location where up-to-date storm sewer system maps are available 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> An available, up-to-date storm sewer system map identifying the following: the storm sewer system, location of all outfalls and points of discharge the permittee owns or operates in the regulated area, and the names and location of all surface waters of the state that receive discharges from the permittee's MS4. The map shall be retained by the permittee and made available to the Department upon request. The map shall be maintained and updated as outfalls and points of discharge are identified, constructed, and installed in accordance with Part I.A.2. of this permit. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSNSIBLE PARTY
Map outfalls in MDOT right-of-way in urbanized areas including: <ul style="list-style-type: none"> Maps of outfalls waters of the state within urbanized areas. Maps of outfalls at stream crossings over waters of the state within urbanized areas that are not field screened based on a GIS analysis. 	Outfalls mapped by the stormwater consultant.	Annually	Consultant
Update known outfall maps annually and include in the required stormwater reports.	Maps given to the Stormwater Program Manager by the consultant.		Consultant, Stormwater Program Manager
MDOT to provide permanent identification for all outfall structures.	Number of projects using the outfall labeling special provision.	As required by the stormwater reports	Stormwater Program Manager

ACTIVITY IDEP 3: IDENTIFY ILLICIT DISCHARGE CONNECTIONS AND CONDUCT DRY WEATHER SCREENING			
Minimum Control Measure: Illicit Discharge Elimination Program Activities		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting IDEP 4: Notification of MDEQ of Illicit Discharges IDEP 5: Procedure for Determining Effectiveness of the IDEP EDUCATION 4: Develop MS4 Training Module for Designers 	
AFFECTED PARTY			
Consultant, MDOT Region Stormwater Coordinators, and Stormwater Program Manager			
OBJECTIVE			
To identify illicit discharges and connections from the MDOT storm sewer system within 2010 Census urbanized areas as prioritized in the IDEP Plan.			
DESCRIPTION			
MDOT will continue to identify illicit discharges and illicit connections. This can be done through dry weather screenings.			
REPORTING			
<ul style="list-style-type: none"> Number and location of confirmed outfalls. Total number of suspected illicit connections/discharges identified. Number and location of manholes tested for each suspected illicit connection/discharge Results of sample analysis. Description and number of illicit connections/discharges verified. Estimated amount and type of pollutant removed. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the IDEP to detect and eliminate illicit discharges and connections to the permittee's MS4. The permittee shall implement the IDEP as part of the SWMP to the maximum extent practicable. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY
Follow illicit discharge procedure for 100% of illicit discharges found to eliminate illicit connections and discharges.	Follow up with persons who reported illicit discharge to ensure protocol was followed appropriately.	As needed.	Stormwater Program Manager
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY

Update EGLE of the areas selected for dry weather screening (annual construction and maintenance projects).	Updated list of dry weather screenings sent to the appropriate person at EGLE	Included in Stormwater Reports	Stormwater Program Manager
Desktop analysis for dry weather screening	Preparing storm sewer maps, stormwater system map, developing dry weather screening procedures	Annually	Consultant
Review outfalls identified in desktop analysis	Field work such as verification of drainage system components and locating stormwater outfalls.	Annually	
Results of dry weather screenings will be used to identify and eliminate illicit discharges	The effectiveness of the program will be assessed annually by the SSC	Annually	Consultant, Stormwater Program Manager

ACTIVITY IDEP 4: REVIEW AND UPDATE PROCEDURE FOR RECEIVING AND NOTIFYING EGLE OF ILLICIT DISCHARGES			
Minimum Control Measure: Illicit Discharge Elimination Program Activities		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting IDEP 3: Identify Illicit Connects/ Dry Weather Screening 	
AFFECTED PARTY			
MDOT Region Stormwater Coordinators, TSC Managers, and Stormwater Program Manager			
OBJECTIVE			
To receive reports and notify the EGLE and health departments of illicit discharges, statewide, to the MDOT storm sewer system and take action toward removing these discharges.			
DESCRIPTION			
The procedure for receiving and responding to reports of illicit discharges is established as part of Section 1512.71 of the Construction Permit Manual. Procedure for receiving reports from construction site runoff is already in place as part of the SESC Manual.			
REPORTING			
<ul style="list-style-type: none"> Track the number of notices received and the follow-up actions taken. Track the number of illicit connections/discharges identified and removed. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The plan to detect and eliminate non-storm water discharges to the permittee's MS4, including illegal dumping/spills. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY
Review the procedure for receiving the notice of an illicit discharge. (As stated in Activity IDEP-3, follow the illicit discharge protocol for 100% of the illicit discharges identified).	Changes to procedure due to annual review.	Annually	MDOT Stormwater Program Manager, SSC
Notify staff of any updates to the procedure for notifying EGLE of illicit connections and discharges.	Changes sent to appropriate MDOT staff, identified in the responsible party, by the Stormwater Program Manager.	As necessary.	Stormwater Program Manager and the SSC

ACTIVITY IDEP 5: DEVELOP PROCEDURE FOR EVALUATING AND DETERMINING THE OVERALL EFFECTIVENESS OF THE IDEP			
Minimum Control Measure: Illicit Discharge Elimination Program Activities		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting IDEP 3: Identify Illicit Connects/ Dry Weather Screening IDEP 4: Notification of MDEQ of Illicit Discharges 	
AFFECTED PARTY			
MDOT Region Stormwater Coordinators, TSC Managers, and Stormwater Program Manager			
OBJECTIVE			
Develop a procedure that will determine the effectiveness of the IDEP program to effectively eliminate illicit discharges.			
DESCRIPTION			
A procedure for assessing the effectiveness of the IDEP program will be developed. The procedure will be put in place and evaluated annually.			
REPORTING			
<ul style="list-style-type: none"> Report number of illicit connection and discharge notices and resolutions Report trends in the number of notices and resolutions Annual review of IDEP implementation. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the IDEP to detect and eliminate illicit discharges and connections to the permittee's MS4. The permittee shall implement the IDEP as part of the SWMP to the maximum extent practicable. For the IDEP, provide a summary of the evaluation and determination of the overall effectiveness of the IDEP, using the evaluation methods described in the IDEP. For each illicit discharge that was not eliminated within 90 days of its discovery the permittee shall provide a written certification that the illicit discharge was eliminated or a description of how the illicit discharge will be eliminated. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Report number of notices and resolutions per year.	Notices to be reported in the required reports	Annually	Stormwater Program Manager
Feedback on the program given through IDEP coordinators or other MDOT stormwater contacts will be forwarded to the Stormwater Program Manager.	Stormwater contacts to forward any feedback on the stormwater program to the Stormwater Program Manager	Ongoing	Stormwater contacts, Stormwater Program Manager
The Stormwater Steering Committee (SSC) shall provide an annual review of the IDEP implementation including procedures and methods.	Review completed by the SSC	Annually	SSC

ACTIVITY POLLUTION PREVENTION 1: BMP INSPECTIONS			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting 	
AFFECTED PARTY			
MDOT Maintenance Staff, Region Stormwater Coordinator.			
OBJECTIVE			
Routine inspections of MDOT structural BMPs to ensure compliance with various components of the permit.			
DESCRIPTION			
BMPs will undergo inspection to ensure that facilities comply with developed maintenance procedures.			
REPORTING			
<ul style="list-style-type: none"> Summary of all inspections done and recommendations for each BMP. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> All structural and vegetative BMPs installed and implemented to meet the performance standards shall be operated and maintained in perpetuity. The permittee shall implement and enforce the ordinance or regulatory mechanism program to ensure long-term operation and maintenance of BMPs. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
An inspection of BMPs shall be conducted biennially to ensure appropriate maintenance.	Inspection reports given to the Stormwater Program Manager.	Biennially	Consultant, Stormwater Program Manager
Items identified during inspections as needing attention shall be addressed.	Stormwater Program Manager to notify maintenance as necessary.		
As needed, identify BMPs to be modified, replaced, or enhanced.	BMPs identified for modification, replacement, or enhancement will be outlined in the annual report.	As needed	MDOT Maintenance Staff, Stormwater Program Manager

Stormwater Management Program
Activity Table

ACTIVITY POLLUTION PREVENTION 2: AUDIT THE POLLUTION INCIDENT PREVENTION PLAN (PIPP) REQUIREMENTS			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting 	
AFFECTED PARTY			
MDOT Maintenance Staff, Region Resource Analyst/Specialist, and Safety and Security Administration.			
OBJECTIVE			
Assure that vehicle maintenance activities statewide do not pollute stormwater runoff to the maximum extent practicable.			
DESCRIPTION			
Internal auditing of the PIPP as part of the environmental audit program will continue to be conducted and items requiring action will be addressed.			
REPORTING			
<ul style="list-style-type: none"> Summary of PIPP audits Document new programs, policies, procedures and information. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement the pollution prevention and good housekeeping program with the goal of preventing or reducing pollutant runoff from municipal facilities and operations that discharge storm water to surface waters of the state. The permittee shall implement the program as part of the SWMP to the maximum extent practicable. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Conduct an audit of the PIPP requirements as part of the environmental audit program every three years.	Environmental audits conducted are summarized for the MDOT Environmental Committee.	Every three years.	MDOT Safety and Security Administration
Follow-up on any delinquent plan requirements and revise appropriately and formally accept the changes made to the PIPP.	Environmental audits conducted are summarized for the MDOT Environmental Committee.	As needed.	MDOT Maintenance, Region Resource Analyst/Specialist, or Safety and Security Administration

ACTIVITY POLLUTION PREVENTION 3: CONDUCT INSPECTIONS OF MAINTENANCE FACILITIES			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting POLLUTION PREVENTION 2: Audit PIPP Requirements 	
AFFECTED PARTY			
MDOT Maintenance Staff, Region Resource Specialist.			
OBJECTIVE			
Routine inspections of MDOT maintenance facilities to ensure compliance with various components of the permit.			
DESCRIPTION			
Maintenance facilities will undergo inspection to ensure that facilities comply with good housekeeping for salt and sand storage, discharges from cutting, grinding, drilling, or hydro demolition of concrete or asphalt, and fleet maintenance activities.			
REPORTING			
<ul style="list-style-type: none"> Summary of all inspections done and recommendations for each facility. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> Environmental audits at least once every three (3) years and full site inspection by a private party at least once every five (5) years. The audits/inspections shall include an inspection of all structural storm water controls and a review of non-structural storm water controls to prevent or reduce pollutant runoff. A written report of the audit/inspection and corrective actions shall be retained in accordance with Part II.B.5. of this permit. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Inspection of maintenance facilities shall be conducted at least once every five years for stormwater, three years for environmental audits, and have weekly walk-throughs.	Stormwater inspection results provided to the Stormwater Program Manager	Weekly, 3-year cycle, and 5-year cycle	Consultant, MDOT Maintenance Staff
Recommendations shall be presented if practices are not in compliance with the permit.		As necessary.	
Maintenance facilities with provided recommendations shall address concerns within one year of the inspection.	The Stormwater Program Manager will work with maintenance facility personnel to ensure recommendations are incorporated.	Within one year of the presented recommendations.	Stormwater Program Manager, MDOT Maintenance Staff, MDOT Maintenance Facility Staff.

ACTIVITY POLLUTION PREVENTION 4: DOCUMENTATION OF ROAD MAINTENANCE ACTIVITIES			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting 	
AFFECTED PARTY			
MDOT Maintenance Staff, Maintenance Activity Reporting System (MARS) Team, Maintenance Environmental Team (MET), and Contract Agencies.			
OBJECTIVE			
Document road maintenance activities related to stormwater and stormwater pollution control.			
DESCRIPTION			
Road maintenance activities include catch basin cleaning and street sweeping will be documented and reported to the Stormwater Program Manager on an annual basis for inclusion in the required Stormwater Reports. MDOT roadways will be operated and maintained to reduce pollutants washing into surface waters statewide.			
REPORTING			
<ul style="list-style-type: none"> Estimate actual quantity of salt used for de-icing versus maximum calculated amount based on Maintenance Activity Guide 1410. Track miles of street sweeping and catch basin cleaning conducted. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement the procedures for inspecting, cleaning, and maintaining permittee-owned or operated catch basins in the regulated area using the priority level assigned to each catch basin. The permittee shall document changes to the priority level for a catch basin as part of the progress report and as an update to the procedure. The permittee shall implement the procedure for inspecting and maintaining permittee-owned or operated structural storm water controls other than catch basins in the regulated area. The permittee shall document changes to the procedure as part of the progress report and as an update to the procedure. The permittee shall implement the procedure, including the BMPs identified, to prevent or reduce pollutant runoff from the permittee's operation and maintenance activities identified in the SWMP. The permittee shall document changes to the assessment of operation and maintenance activities for the potential to discharge pollutants to surface waters of the state as part of the progress report and as an update to the procedure. The permittee shall implement the procedure for the street sweeping program for permittee-owned or operated streets, parking lots, or other impervious infrastructure in the regulated area using the sweeping methods and assigned priority levels identified in the procedure. The permittee shall document changes to the priority level for a street, parking lot, or other impervious infrastructure as part of the progress report and as an update to the procedure. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Street sweeping completed per section 3.8.4.	Reported by TSC Manager to the Stormwater Program Manager on an annual basis.	Annually	Maintenance Staff, Contract Agency
Number of catch-basins cleaned.			
Follow MDOT Maintenance Activity Guide for all maintenance activities.	Maintenance Manager to ensure all employees follow procedures.	Ongoing	Maintenance Staff

ACTIVITY POST CONSTRUCTION 1: UPDATE MAP OF KNOWN STRUCTURAL BMPS AND TRACK NEW STRUCTURAL BMPS			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting POST CONSTRUCTION 2: Review and Update BMP Maintenance Requirements 	
AFFECTED PARTY			
MDOT Region Stormwater Coordinators, TSC Managers, and Stormwater Program Manager			
OBJECTIVE			
To develop a more complete map of the existing BMPs in Michigan and a system for reporting newly constructed BMPs.			
DESCRIPTION			
A map containing the most up to date BMPs installed in Michigan & system for tracking newly installed BMPs.			
REPORTING			
<ul style="list-style-type: none"> Newly constructed BMPs to be included in the required Stormwater Reports. Updated map of known BMPs 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> All structural and vegetative BMPs installed and implemented to meet the performance standards shall be operated and maintained in perpetuity. The permittee shall implement and enforce the ordinance or regulatory mechanism program to ensure long-term operation and maintenance of BMPs. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Utilize the process for communicating newly constructed BMPs to the Stormwater Program Manager	Number of new BMPs added annually.	Annually	TSC Region Offices, MDOT Design Team, Stormwater Program Manager
Update map of known BMPs in the state	Map will appear in the required Stormwater Reports	Annually	Stormwater Program Manager

ACTIVITY POST CONSTRUCTION 2: REVIEW AND UPDATE MAINTENANCE REQUIREMENTS FOR MDOT BMPS			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting POST CONSTRUCTION 1: Update Map of Structural BMPs POLLUTION PREVENTION 4: Track Road Maintenance Activity 	
AFFECTED PARTY			
MDOT Maintenance, Delivery, and Design Staff			
OBJECTIVE			
To protect receiving water quality statewide by reviewing and updating maintenance requirements for permanent MDOT-approved BMPs.			
DESCRIPTION			
Updated procedures for the continued maintenance of BMPs.			
REPORTING			
<ul style="list-style-type: none"> Discuss updates to the maintenance requirements 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> All structural and vegetative BMPs installed and implemented to meet the performance standards shall be operated and maintained in perpetuity. The permittee shall implement and enforce the ordinance or regulatory mechanism program to ensure long-term operation and maintenance of BMPs. The permittee shall implement the procedures for inspecting, cleaning, and maintaining permittee-owned or operated catch basins in the regulated area using the priority level assigned to each catch basin. The permittee shall document changes to the priority level for a catch basin as part of the progress report and as an update to the procedure. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Review Maintenance Activity Guides and update accordingly.	Develop recommendations based on the review. To be given to the Stormwater Program Manager and documented in the Annual Report.	As new or revised MAGs are developed	Consultant, SSC
Develop and implement procedures for maintaining permanent BMPs not already having a maintenance procedure.	Newly developed procedures will be documented by the Stormwater Program Manager	As new BMPs are added to program	SSC, Maintenance, and consultant
Develop and implement a procedure for maintaining permanent BMPs after acceptance of BMP for use on MDOT projects.	Newly developed procedures will be documented by the Stormwater Program Manager	As needed.	MDOT Maintenance Staff
Notify appropriate staff of changes to guides.	Notification to be sent out to the appropriate staff via email as needed.		Stormwater Program Manager.
Maintain existing permanent BMPs according to existing MDOT procedures.	BMP maintenance needs resulting from biennially inspections.	Ongoing.	MDOT Maintenance Staff

ACTIVITY POST CONSTRUCTION 3: SELECT AND APPLY BEST MANAGEMENT PRACTICES (BMPs) FOR STORMWATER MANAGEMENT (POST-CONSTRUCTION) AND IMPLEMENT PROCEDURES			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION 1: Program Assessment and Reporting POST CONSTRUCTION 1: Update Map of Known Structural BMPs and Develop Process for Tracking new Structural BMPs POST CONSTRUCTION 2: Review and Update Maintenance Requirement for MDOT BMPs POST CONSTRUCTION 4: Achieve Water Quality and Channel Protection Compliance POST CONSTRUCTION 6: Update Drainage Manual POLLUTION PREVENTION 1: BMP Inspections 	
AFFECTED PARTY			
MDOT Maintenance, Planning and Design, Traffic & Safety, Maintenance Environmental Team (MET), SSC, Traffic & Safety, Planning, Design, Construction, and Contractors.			
OBJECTIVE			
Utilize procedures for selecting, applying, and maintaining permanent BMPs for MDOT projects statewide. Implementing these procedures will protect receiving water quality and channel protection to the MEP.			
DESCRIPTION			
Development of selection procedure for applying BMPs for stormwater management activities.			
REPORTING			
<ul style="list-style-type: none"> Report completion of BMP screening and pollutant discharge reduction estimate tools. Track the permanent BMPs selected for earth-disturbing projects using existing databases. Track permanent BMP installations, maintenance, and modifications. Track employee training on BMP selection and maintenance. Report pollutant discharge education based on theoretical BMP performance. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the ordinance or regulatory mechanism requiring implementation of BMPs to achieve to the maximum extent practicable the following post-construction storm water runoff performance standards at the project site, including projects where the permittee is the project developer. All structural and vegetative BMPs installed and implemented to meet the performance standards shall be operated and maintained in perpetuity. The permittee shall implement and enforce the ordinance or regulatory mechanism program to ensure long-term operation and maintenance of BMPs. The permittee shall implement the procedure requiring that new permittee-owned or operated facilities or structural storm water controls to address water quantity be designed and implemented in accordance with the post-construction storm water runoff performance standards and long-term operation and maintenance requirements in Part I.A.3.f. of this permit. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Update procedures for selecting permanent BMPs.	Updates to SMP as changes occur.	Annually	MDOT Stormwater-Related Staff
Issue staff guidance for the screening tool.	A document outlining the instructions for the proper use of the tool will be made available	December 2021	MDOT Stormwater Program Manager

	to the appropriate stormwater related staff.		
Implement procedures to select permanent BMPs.	Number of projects reviewed to ensure BMPs were addressed to the maximum extent practicable.	Annually	MDOT Stormwater Related Staff, Design Staff
MEASURABLE GOALS (cont.)			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Evaluate existing procedures for applying and maintaining permanent BMPs.	Recommendations based on the evaluations will be given by the responsible party to the Stormwater Program Manager.	Annually	SSC Stormwater Program Manager
Update and/or develop procedures for applying and maintaining permanent BMPs.	Approved recommendations will be implemented into procedures.	Annually	
Document procedures and issue staff guidance.	Updated procedures and guidance will be made available to stormwater related staff.		
Implement procedures to select, apply, and maintain permanent BMPs.	Updated or new procedures will be implemented for the selection, application, and maintenance of BMPs.	Annually	
Utilize the MEP review process for projects not meeting the Permit goals for water quality or channel protection.	Number of projects that utilize the MEP process	Annually	

ACTIVITY POST CONSTRUCTION 4: COMPLY WITH PERFORMANCE STANDARDS FOR NEW DEVELOPMENT AND RE-DEVELOPMENT PROJECTS TO THE MAXIMUM EXTENT PRACTICABLE			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION1: Program Assessment and Reporting POST CONSTRUCTION 3: Develop Selection Procedure for BMPs POST CONSTRUCTION 5: Review Projects Discharging to Impaired Waters POST CONSTRUCTION 7: Site Plan Review for Post Construction Projects 	
AFFECTED PARTY			
MDOT Maintenance, Planning and Design, Traffic & Safety, Maintenance Environmental Team (MET), SSC and TSC Staff.			
OBJECTIVE			
Achieve compliance standards for water quality and channel protection issued by the United States Environmental Protection Agency to the maximum extent practicable (MEP) for new development and redevelopment projects.			
DESCRIPTION			
As designated by the United States Environmental Protection Agency, new development and redevelopment projects must comply with water quality and channel protection standards to the MEP.			
REPORTING			
<ul style="list-style-type: none"> Post construction projects achieving standards will be documented in the required Stormwater Reports. All newly constructed BMPs (as well as modifications, replacements, or enhancements of BMPs) will be documented in the required Stormwater Reports. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the program to address post-construction storm water runoff from new development and redevelopment projects that disturb one (1) or more acres, including projects less than one (1) acre that are part of a larger common plan of development or sale, and that discharge into the permittee's MS4. The permittee shall implement and enforce the post-construction storm water control program as part of the SWMP, to the maximum extent practicable and in accordance with the approved ordinance or regulatory mechanism. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Desktop assessment of new development and redevelopment projects using the BMP screening tool in preliminary analysis.	Results from the analysis will be included in the scoping package.	As required by permit	MDOT Design Group.
Meet compliance standards goals to the MEP. Compliance standard goals include: <ul style="list-style-type: none"> BMPs are designed based on site constraints to reduce post development suspended solids loadings Treat runoff from the 90% non-exceedance storm When impervious area is increased, post-construction runoff rate and volume match pre-development conditions as closely as possible for storms up to the two-year, 24-hour event Addressing specific pollutants on a site specific basis 			
Document the modification, replacement, or enhancement of BMPs.	A description of the work done will be given to the Stormwater Program Manager for inclusion in the required Stormwater Reports	As required by permit	TSC Region Manager, Stormwater Program Manager

ACTIVITY POST CONSTRUCTION 5: REVIEW PROJECTS WITH STORMWATER DISCHARGES TO WATER BODIES WITH PROMULGATED TOTAL MAXIMUM DAILY LOADS (TMDLs)			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • POST CONSTRUCTION 3: Procedure to Select BMPs • POST CONSTRUCTION 4: Water Quality and Channel Protection • POST CONSTRUCTION 6: Update Drainage Manual 	
AFFECTED PARTY			
MDOT Maintenance, Planning and Design, Traffic & Safety, Maintenance Environmental Team (MET), MS4 Team and TSC Staff.			
OBJECTIVE			
Review projects with stormwater discharges to water bodies with a promulgated TMDL and to and implement stormwater controls statewide to meet responsibilities established by TMDLs to the MEP.			
DESCRIPTION			
New development and redevelopment projects will be reviewed to assess if the project's stormwater discharges to TMDL water bodies.			
REPORTING			
<ul style="list-style-type: none"> • Track location of projects discharging to waters with a TMDL. • Track compliance with TMDL requirements. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • The permittee shall implement the TMDL Implementation Plan to reduce the discharge of pollutants from the permittee's MS4 to make progress in meeting Water Quality Standards. The permittee shall implement the TMDL Implementation Plan as part of the SWMP. • On or before September 1, 2023, the permittee shall submit to the Department for approval a monitoring plan for assessing the effectiveness of the BMPs implemented in making progress toward achieving the TMDL pollutant load reduction. The monitoring plan shall be specific to the pollutants identified in the TMDLs and include a schedule for implementation. Monitoring may include, but is not limited to: outfall monitoring, in-stream monitoring, or modeling. Monitoring shall be performed at a frequency sufficient to determine if the BMPs are adequate in making progress toward achieving the TMDL pollutant load reduction. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Utilize GIS to review projects crossing 303(d)-listed water bodies.	Projects intersecting 303(d) water bodies.	Ongoing	MDOT water quality specialist
Review all new projects that discharge to waters of the state with a TMDL.	Projects reviewed by water quality specialist, as necessary	Ongoing	MDOT Environmental, Design, and TSC Staff
Evaluate various options to mitigate projects discharging to TMDL water bodies. BMPs are to be implemented to comply with stormwater related requirements to meet TMDLs.	Projects to be evaluated by environmental staff and the SSC as needed		Stormwater Program Manager, SSC, Maintenance
Install and maintain BMPs on projects discharging to TMDL waterbodies.	Projects to be evaluated by environmental staff and the SSC as needed		
Develop a procedure to estimate TMDL pollutant discharge reduction based on theoretical BMP performance.		December 2022	Stormwater Program Manager, SSC

ACTIVITY POST CONSTRUCTION 6: DEVELOP a STORMWATER MANUAL			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • PUBLIC INVOLVEMENT 3: Coordinate with MPOs • POST CONSTRUCTION 3: Selection Procedure for BMPs • POST CONSTRUCTION 4: Water Quality and Channel Protection • POST CONSTRUCTION 5: Review Projects Discharging to Impaired Waters 	
AFFECTED PARTY			
MDOT Design, Construction Field Services, and Region/TSC Staff.			
OBJECTIVE			
To develop a stormwater manual to include MDOT's policies and procedures for the design installation and maintenance of PC-BMPs.			
DESCRIPTION			
The proposed Stormwater Manual will be developed, reviewed and revised as needed to include the latest details of the stormwater management program. Notification and guidance will be given to appropriate MDOT employees and job-related public.			
REPORTING			
<ul style="list-style-type: none"> • Track status of Stormwater Manual development. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • The permittee submitted a SWMP with its application for an NPDES permit. The SWMP is approved as submitted. The permittee shall implement the approved SWMP to comply with the minimum requirements identified in this permit. The SWMP shall cover the regulated area served by, or otherwise contributing to discharges from, the MS4 owned or operated by the permittee identified in the application. The permittee shall implement and enforce the SWMP to reduce the discharge of pollutants from the MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the NREPA and the Federal Act. The approved SWMP is an enforceable part of this permit and any Department approved modifications made to the SWMP shall also become enforceable parts of this permit. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Develop a Stormwater Manual.	Progress towards a completed and accepted Stormwater Manual.	Annually	MDOT Stormwater Program Manager and consultant
Notify appropriate staff of manual availability and location.	Updated drainage manual will be distributed to the appropriate staff.	Ongoing	

ACTIVITY POST CONSTRUCTION 7: SITE PLAN REVIEW FOR PROJECTS			
Minimum Control Measure: Construction, Post Construction, Good Housekeeping		Related Activities <ul style="list-style-type: none"> ADMINISTRATION1: Program Assessment and Reporting POST CONSTRUCTION 4: Compliance with Water Quality and Channel Protection Standards 	
AFFECTED PARTY			
MDOT Maintenance, Design, SSC, and Environmental Staff.			
OBJECTIVE			
Ensure compliance with post-construction stormwater requirements through a review process of site plans for installation, operation, and maintenance.			
DESCRIPTION			
As designated by the NPDES Permit, MDOT must review site plans for each project subject to the post-construction stormwater runoff control requirements. Reviews will allow MDOT to ensure that the finished project will sufficiently meet post-construction stormwater runoff program requirements.			
REPORTING			
<ul style="list-style-type: none"> Document number of projects reviewed. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement and enforce the program to address post-construction storm water runoff from new development and redevelopment projects that disturb one (1) or more acres, including projects less than one (1) acre that are part of a larger common plan of development or sale, and that discharge into the permittee's MS4. The permittee shall implement and enforce the post-construction storm water control program as part of the SWMP, to the maximum extent practicable and in accordance with the approved ordinance or regulatory mechanism. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	REPOSIBLE PARTY
Review of project plans for post-construction stormwater BMPs by the water quality specialist.	Site plan reviews by water quality specialist	As applicable	MDOT Water Quality Specialist

ACTIVITY PUBLIC INVOLVEMENT 1: POST APPROVED STORMWATER MANAGEMENT PROGRAM (SMP) ON MDOT'S PUBLIC STORMWATER WEBSITE			
Minimum Control Measure: Education/Outreach		Related Activities	
		<ul style="list-style-type: none"> • ADMINISTRATION1: Program Assessment & Reporting • EDUCATION1: Convert Lansing Information Center to Web-Based Stormwater Site 	
AFFECTED PARTY			
Traveling public, job-related public, general public			
OBJECTIVE			
To allow statewide comments from the public on the approved SMP.			
DESCRIPTION			
Establish procedures for the public notice and distribution of the SMP. EGLE to provide a 30-day public notice of the complete application and approved SMP. Once the permit is issued, the approved SMP and permit will be made available on the MDOT stormwater website for the general public to view and comment.			
REPORTING			
<ul style="list-style-type: none"> • Track number of public comments • Track number of downloads of the SMP from MDOT Stormwater website. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • The permittee shall implement the public participation/involvement program (PPP) to encourage public participation/involvement in the implementation and periodic review of the SWMP to the maximum extent practicable. The permittee shall implement the PPP as part of the SWMP. • The procedure for making the SWMP available for public inspection and comment, including complying with local public notice requirements, as appropriate; and • The procedure for inviting public participation and involvement in the implementation and periodic review of the SWMP. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Post approved, SMP on MDOT Stormwater Website.	Track number of SMP downloads and comments received.	Upon permit issuance	Consultant & MDOT SSC Team
Notify Region and TSC offices the approved SMP is available.			
Track comments from general public on the posted SMP.			
Report and respond to public comments on SMP.	Relevant comments to be incorporated into SMP updates.		
Issue news release on MDOT website on the SMP being available for comment.	Number of press releases issued	As major changes to the SMP occur	Stormwater Program Manager

ACTIVITY PUBLIC INVOLVMENT 2: STORMWATER OFFSET PROGRAM			
Minimum Control Measure: Education/Outreach		Related Activities	
		<ul style="list-style-type: none"> ADMINSTRATION 1: Program Assessment & Reporting 	
AFFECTED PARTY			
MDOT Stormwater Staff, SSC, and other interested agencies.			
OBJECTIVE			
To expand outreach activities and gain partners to better manage stormwater by adopting existing stormwater management practices in the state of Michigan and for off-site mitigation to implement the Stormwater Management Program.			
DESCRIPTION			
MDOT will encourage the partnership with other agencies to better the manage stormwater and maintain the vitality of Michigan's surface waters.			
REPORTING			
<ul style="list-style-type: none"> List of agencies that have agreed to a partnership or may be interested in the future. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> The permittee shall implement the PPP to encourage public participation/involvement in the implementation and periodic review of the SWMP to the maximum extent practicable. The permittee shall implement the PPP as part of the SWMP. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
List organizations that MDOT met with to discuss stormwater issues.	List included in required Stormwater Reports.	Annually	Consultant, Stormwater Program Manager, and SSC
List projects that utilized partnerships to implement the Stormwater Management Program.	Progress made in developing a procedure.	Annually	

ACTIVITY PUBLIC INVOLVEMENT 3: COORDINATE WITH MPOs HAVING A SMP			
Minimum Control Measure: Education, Outreach		Related Activities	
		<ul style="list-style-type: none"> • ADMINISTRATION 1: Program Assessment and Reporting • POST CONSTRUCTION 3: Procedure to Select and Apply BMPs • POST CONSTRUCTION 6: Periodically Update Drainage Manual 	
AFFECTED PARTY			
MDOT Staff and MPOs.			
OBJECTIVE			
To identify and coordinate, statewide, with MPOs having stormwater control programs to properly handle stormwater management issues during construction and maintenance activities.			
DESCRIPTION			
Further improve the management of stormwater by collaborating with MPOs during early coordination efforts of MDOT projects. The purpose of these efforts will be to inform and comply with local planning efforts and watershed goals.			
REPORTING			
<ul style="list-style-type: none"> • Major action environmental documents (environmental assessments and environmental impact statements) distributed to watershed groups for their comments. • Planning and Environment Linkages (PEL) that consider the benefits and impacts of transportation projects to the environment, community, and economy. • Comments from watersheds and environmental groups. • Early coordination held with watershed and environmental groups including whether groups attend a public meeting or comment on one of the major action documents. 			
PERMIT REQUIREMENT(S)			
<ul style="list-style-type: none"> • The permittee shall implement the PPP to encourage public participation/involvement in the implementation and periodic review of the SWMP to the maximum extent practicable. The permittee shall implement the PPP as part of the SWMP. 			
MEASURABLE GOALS			
MEASURABLE GOAL	MEASURE OF ASSESSMENT	SCHEDULE	RESPONSIBLE PARTY
Include watershed and environmental groups in public meeting notices to allow input during public outreach of MDOT projects.	Number of notices sent to MPOs, watershed, and environmental groups. Number of comments received from these groups.	Ongoing	MDOT Region Planning and Design Staff
List major action documents distributed for comment.	Number of major action documents distributed for comment.	Annually	MDOT Region and Environmental Staff
List PELs	Number of PELs active in year.	Annually	MDOT Environmental Staff