

MICHIGAN DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
WATER BUREAU
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
Authorized by Michigan Act 451, Public Acts of 1994, as amended, Part 31

CERTIFICATE OF COVERAGE (COC)

**Under General Permit No. MIG610000
MS4 Watershed General Permit**

COC NO.: MIG610381
DESIGNATED NAME: Ypsilanti MS4-Washtenaw
PERMITTEE: City of Ypsilanti
MAILING ADDRESS: 14 West Forest Avenue
Ypsilanti, Michigan 48197

This COC authorizes the City of Ypsilanti to discharge storm water through a separate storm water drainage system to waters of the state including, but not limited to, the Huron River, Paint Creek. After COC issuance, discharges identified in accordance with Part I.A.1.b. of the General Permit are authorized after submittal of the updated map to the Permits Section, Water Bureau, Michigan Department of Natural Resources and Environment (Department).

This authorization also includes nested jurisdictions for which the permittee has accepted responsibility. Discharges are authorized from nested jurisdictions for which agreements are obtained after COC issuance after submittal to the Department of the information required by Part I.B.1.b. of the General Permit.

The applicable watersheds for this COC are the Rouge Lower 1, Middle Huron and Stony Creek.

In accordance with Part I.A.3.b. of the General Permit, the Watershed Management Plan (WMP) requirement is deferred for the following portion of the permittee's urbanized area: Stony Creek.

In accordance with Part I.A.4.b.1) of the General Permit, the following approved Total Maximum Daily Loads (TMDLs) apply to the permittee:

<u>Name of TMDL</u>	<u>Pollutant of Concern</u>
Paint Creek	<i>Escherichia Coli</i> , dissolved oxygen, sedimentation/siltation
Ford and Belleville Lakes	Phosphorus

On or before September 1, 2010, the permittee shall submit the revised Public Participation Process (PPP) in accordance with Part I.A.3. of the General Permit. The permittee shall participate in the implementation of the revised PPP upon its submittal.

On or before April 1, 2011, the permittee shall submit a revised/updated Storm Water Pollution Prevention Initiative (SWPPI) in accordance with Part I.A.4. of the General Permit. The revised/updated SWPPI shall include the Public Education Plan (PEP) and the Illicit Discharge Elimination Plan (IDEP). The permittee shall implement the revised/updated SWPPI upon submittal, with the exception that alternative approaches shall be implemented upon Department approval, in accordance with Part I.A.4.a.2) of the General Permit. The permittee shall continue implementation of the existing SWPPI, PEP, and IDEP until submittal of the revised SWPPI.

On or before April 20, 2010, in accordance with Part I.A.4.b.4) of the General Permit, the permittee shall develop and place into effect an ordinance or other regulatory mechanism that incorporates the minimum treatment volume standard and the channel protection criteria listed in Part I.A.4.b.4)a) and Part I.A.4.b.4)b) of the General Permit.

On or before May 1, 2011, the permittee shall submit the first progress report in accordance with Part I.B.1. and the requirements of Part I.A.4.b.6)b)(2) of the General Permit.

On or before May 1, 2011, the permittee shall provide the Department with a description of the information the permittee has available and which will be utilized to meet the storm sewer system map

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requirements in Part I.A.4.b.3)b)(1) of the General Permit. System information shall be maintained and updated by the permittee and made available to the Department upon request.

On or before May 1, 2013, the permittee shall submit the second progress report in accordance with Part I.B.1. of the General Permit.

For the Rouge Lower 1 watershed, on or before May 1, 2013, the permittee shall submit a revised WMP or a demonstration that the WMP does not need to be revised, in accordance with Part I.A.3. of the General Permit.

For the Middle Huron watershed, on or before May 1, 2013, the permittee shall submit a revised WMP or a demonstration that the WMP does not need to be revised, in accordance with Part I.A.3. of the General Permit.

For the Stony Creek watershed, submittal of the Public Participation Process, Watershed Management Plan, and a revised Storm Water Pollution Prevention Initiative and implementation schedule based on development of this Watershed Management Plan, are not required at this time. Upon notification from the Department and in accordance with the schedule provided at that time, the permittee shall complete these deferred requirements. Until that time, at a minimum the urbanized areas in the watershed shall be covered by the Storm Water Pollution Prevention Initiative in accordance with the requirements as specified above. These dates may be modified at a future time in consideration of other permittees being covered by the general permit for these watersheds.

References in the General Permit to the Department shall be defined as the Jackson District Supervisor of the Water Bureau. The Jackson District Office is located at 301 East Louis Glick Highway, Jackson, Michigan 49201-1556, telephone: 517-780-7690, fax: 517-780-7855.

Any person who is aggrieved by this COC may file a sworn petition for a contested case hearing on this COC with the State Office of Administrative Hearings and Rules of the Michigan Department of Energy, Labor, and Economic Growth in accordance with the provisions of R323.2192(c) of the Michigan Administrative Code. The Department of Energy, Labor, and Economic Growth may reject any petition filed more than 60 days after issuance as being untimely.

The issuance of this COC does not authorize the violation of any federal, state, or local laws or regulations, nor does it obviate the necessity of obtaining such permits, including any other Department permits, or approvals from other units of government as may be required by law.

This COC is based on a complete application received by the Department on February 18, 2010. The permittee is subject to all conditions specified in General Permit No. MIG610000 issued May 22, 2008, expiring April 1, 2013. This COC may be modified, terminated, reissued, or revoked as allowed for in General Permit No. MIG610000. On the effective date of this COC, this COC shall supersede COC No. MIS040015, issued October 6, 2003, which is hereby revoked on the effective date of this COC.

A request to continue authorization to discharge under the General Permit after April 1, 2013, shall be submitted on or before October 4, 2012, in accordance with Part I.B. of the General Permit.

This COC takes effect on the date of issuance.

(INSERT ISSUANCE DATE)
Date Issued

EQP 4677 (9/03)

Michael J. Bray, Chief
Lakes Erie and Huron Permits Unit
Permits Section
Water Bureau

MS4 Audit Preparation Checklist

The intent of a Municipal Separate Storm Sewer System (MS4) audit is to determine compliance with the National Pollutant Discharge Elimination System (NPDES) and the permittee's Certificate of Coverage (COC). In general, during an audit, DNRE staff will often begin by asking general questions about municipal operations (i.e. what type of infrastructure and/or BMPs the municipality owns or operates, etc.) before focusing on more specific MS4 questions which may include requests to review specific MS4 documentation. In order to help permittees prepare for a MS4 audit, the DNRE has prepared the following preparation checklist.

Please ensure that copies of the following documents are available and/or accessible at the time of the audit:

- A copy of the approved Watershed Management Plan(s) (WMP)
- A copy of the approved Public Participation Plan (PPP)
- A copy of the approved Public Education Plan (PEP)
- A copy of the approved Illicit Discharge Elimination Plan (IDEP)
- A copy of the approved Storm Water Pollution Prevention Initiative (SWPPI)
Note: The SWPPI should include the Post-construction and Pollution Prevention/Good Housekeeping permit requirements.
- Copies of any applicable ordinance or other regulator mechanism;
 - A copy of the post-construction ordinance(s) / regulator mechanism(s)
 - A copy of any ordinance(s) / regulator mechanism(s) that gives the permittee the legal authority to investigate, eliminate, and prohibit illicit discharges.
 - Other: _____
- Copies of any checklists/worksheets used by the permittee
For example: post-construction review checklist, outfall screening checklist / worksheets, etc.
- Copies of any applicable Standard Operating Procedures (SOP)

Please ensure that appropriate staff members are available to answer questions related to following MS4 program areas:

Note: In order to help facilitate the availability of appropriate staff members, please see the proposed schedule provided in the audit confirmation letter.

- Personnel responsible for overseeing and/or implementing the PEP program
- Personnel responsible for overseeing and/or implementing the IDEP program
For example: DPW field staff, foreman, and/or supervisors, Road Commission staff, Health Department staff, etc.
- Personnel responsible for overseeing and/or implementing the Post-construction program
For example: personnel responsible for reviewing and ensuring compliance with the permittees storm water post-construction control standards, staff/contract engineers, construction site inspector, etc.
- Personnel responsible for overseeing and/or implementing the Pollution Prevention/Good Housekeeping program
For example: DPW field staff, foreman, and/or supervisors, Road Commission staff, etc.
- Personnel responsible for overseeing and/or implementing any additional aspects of the SWPPI and/or MS4 program

Please ensure that appropriate supporting documentation is available to demonstrate the implementation of activities required in accordance with the MS4 program. Listed below are examples of supporting documentation for some of the permit requirements.

Supporting documentation for WMPs, such as:

- Documentation of the procedures used to determine if WMPs needed revision or revision was not needed

Supporting documentation for the PPPs, such as:

- Documentation of permittee participation in PPPs

Supporting documentation for the PEP, such as:

- Distribution list for the educational material
- Invoices documenting the purchase and/or distribution of educational material
- Copies of sign-in sheets from workshops
- Documentation of the promotion of PEP activities
- Results from pre & post workshop surveys

Supporting documentation for the IDEP, such as:

- Point source screening database,
- Point source screening field notes/worksheets
- Point source screening checklists
- Point source pictures
- Enforcement tracking database and/or files that document the enforcement action taken, the status of correcting the illicit discharge, and any documentation verifying the elimination of the illicit discharge

Supporting documentation for the SWPPI, such as:

- Documentation of compliance with commitments and schedules in SWPPI
- Documentation of review of SWPPI to determine whether revisions are necessary

Supporting documentation for Post-construction, such as:

- Development project files: including copies of site plan reviews, any correspondences between the municipality and the developer, enforcement actions, as-built inspections, etc.
- Copies of Operation and Maintenance agreements
- Enforcement tracking database and/or files that document the enforcement action taken and the corrective action implemented.

Supporting documentation for Pollution Prevention / Good Housekeeping, such as:

- Copies of training records and/or which employees/contractors received training
- Maintenance schedules for storm water structural controls
- Street sweeping, parking lot, and/or catch basin cleaning schedules, contracts, records of the amount waste collected, waste disposal manifests, etc.
- Procedures for the proper disposal of operation and maintenance wastes
- Records of certified fertilizer/pesticide applicators
- Copies of contracts for such P2/GH activities as fertilizer/herbicide/pesticide applications, street sweeping, catch basin cleaning, etc.

Field Visits

During the audit, MDNRE staff may wish to visit a few selected permittee owned facilities such as DPWs, parks, golf courses, waste handling sites, outfalls, or storm water structural controls. Please consider ahead of time some of these facilities for MDRNE staff to visit.

*** Please note that this checklist is intended for the permittee's use only in order to help prepare for the audit. MDNRE staff does not need to receive the permittee's completed copy of this checklist.

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AGENDA

PURPOSE OF THE MEETING

- The purpose of our meeting is to provide an overview of the permit requirements,
- And to provide the opportunity to discuss the requirements with Rachel Matthews, the MDEQ compliance agent for our district.

INTRODUCTIONS

- Rachel Matthews is a Water Quality Analyst in the Jackson District Office.
- She is responsible for reviewing the plans and annual reports submitted for permit compliance.
- Rachel is also responsible for helping permittees stay in compliance with their permits conducting trainings and providing guidance for meeting the requirements.
- Occasionally, Rachel conducts on-site audits and on rare occasions she is involved in the enforcement actions.
- Round table of EMU introductions and positions of authority

BACKGROUND OF COMPLIANCE AT EMU

- EMU has been operating under the phase II permit since 2003
- We established a partnership with the City in the form of a **nested agreement**
- Together with the City we host the annual GREEN TENT exhibit at the Ypsi Heritage Festival
- We constructed the RAIN GARDEN in Westview Housing complex
- Hosted an IDEP training and events to engage Student volunteers
- Most recently EMU has joined the City in participating with the Middle Huron Stormwater Advisory Group
- As a member of that group we have prepared the required plans for compliance with the permit in partnership with other permit holders in the Middle Huron Watershed.
- Rachel's overview of permit requirements will give us full briefing of the BIG PICTURE
 - and it will help us in developing strategies for integrating Stormwater management practices throughout our roles and responsibilities

MDEQ PERMIT OVERVIEW

QUESTIONS AND ANSWER SESSION

Storm Sewer System Mapping for the Middle Huron River TMDL Watersheds Overview and Specifications for Data Collection and Transfer

Overview

A storm sewer system map with discharge points will be developed for the middle Huron TMDL watersheds in Washtenaw County as part of the TMDL Implementation Planning project introduced at the March meeting of the Middle Huron Stormwater Advisory Committee. This information will result in a comprehensive map and GIS of the storm sewer system in this area and a TMDL catchment analysis that will assist with selecting monitoring sites (Task 3 of the project) and developing implementation projects (Task 5). HRWC is the contractor for the project and will be working with all TMDL watershed partners *during spring and early summer* to collect and transfer the mapping information. The final storm sewer system map will be available for download via the HRWC website.

At a minimum, discharge points with latitude/longitude coordinates for the TMDL area will be collected encompassing the creeksheds for Allen, Belleville Lake, Boyden, Fleming, Ford Lake, Honey, Malletts, Mill, Millers, Swift Run, Traver, and direct drainage to the Huron River. See the map of the target area on the next page. Each watershed partner will be responsible for the quality and completeness of its own data, and for complete discharge mapping. As such, the content, extent and format of the watershed partners' data will vary. The following specifications are provided below to aim for some consistency in how that information is transferred to HRWC.

Specifications for Data Collection and Transfer

IF STORM SEWER SYSTEM DATA IS IN A GIS:

- 1) HRWC will be using ESRI's ArcGIS 9.3x for this project. Please provide data in the following projected coordinate system: NAD_1983_StatePlane_Michigan_South_FIPS_2113_Feet .
- 2) Provide files as geodatabase layers (geodatabase layers are preferred; shapefiles are acceptable).
- 3) Include metadata as available.
- 4) Unless other arrangements are made, upload the files to your FTP site. If you need to use the Washtenaw County FTP site, follow these instructions:

ftp://ftp.ewashtenaw.org/sheehan/HRWC_StormSystemData/

Login: upload

Password: washco1

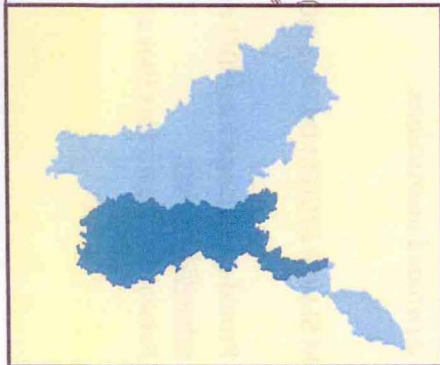
You may need to go to the Page tab and Open FTP Site in Windows Explorer to get it to look familiar and to drag and drop files.

- 5) Send an email to Elizabeth Riggs at eriggs@hrwc.org notifying her that the files are uploaded and providing download instructions.





IF STORM SEWER SYSTEM DATA IS NOT IN A GIS:

- 1) Provide a scanned file (PDF) or files of the maps depicting the storm sewer system and email to eriggs@hrwc.org.
- 2) Forward any data files that accompany the maps to Elizabeth via her email.

Middle Huron River TMDL Watershed



5 Miles

-  Municipalities
-  Surface water
-  Lakes and reservoirs
-  Middle Huron TMDL Watershed

Created March 2010



Storm Sewer System Mapping for the Middle Huron River TMDL Watersheds
Overview and Specifications for Data Collection and Transfer