PERMIT NO. MIS220000

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

STORM WATER DISCHARGES ASSOCIATED WITH SPECIAL-USE AREAS FOR CYCLE-YEAR 2 WATERSHEDS

In compliance with the provisions of the federal Clean Water Act (federal Water Pollution Control Act, 33 U.S.C., Section 1251 *et seq*., as amended); Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); Part 41, Sewerage Systems, of the NREPA; and Michigan Executive Order 2019-06, storm water associated with industrial activity as defined under Title 40 of the Code of Federal Regulations, Sections 122.26(b)(14)(i-ix) and (xi), or as deemed necessary under Section 402(p)(2)(E) of the Federal Act, and other storm water that is adequately regulated by this permit, is authorized to be discharged from facilities specified in individual Certificates of Coverage (COCs) in accordance with effluent limitations, monitoring requirements and other conditions set forth in this general National Pollutant Discharge Elimination System (NPDES) permit (permit).

The applicability of this permit shall be limited to facilities that discharge storm water to surface waters of the state located within a Cycle-Year 2 Watershed and have not been determined by the Michigan Department of Environment, Great Lakes, and Energy (Department) to need an individual NPDES permit. Applicable discharges include storm water for which the Department has determined additional monitoring is needed from: secondary containment structures required by state or federal law; lands on Michigan's List of Sites of Environmental Contamination pursuant to Part 201, Environmental Remediation, of the NREPA; or areas with other activities that may contribute pollutants to the storm water. Discharges which may cause or contribute to a violation of a water quality standard are not authorized by this permit.

In order to constitute a valid authorization to discharge, this permit must be complemented by a COC issued by the Department. The permittee shall post a copy of the COC in a publicly accessible location, in plain sight, at the location granted discharge authorization under this permit by the COC.

Unless specified otherwise, all contact with the Department required by this permit shall be to the position indicated on the COC.

This permit takes effect on April 1, 2022. The provisions of this permit are severable. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term in accordance with applicable laws and rules.

This permit shall expire at midnight on **April 1, 2027**.

Issued: August 30, 2021.

Original signed by Christine Alexander
Christine Alexander, Manager
Permits Section
Water Resources Division

Table of Contents

Part I Section A

1. Final Effluent Limitations and Monitoring Requirements....6
   a. Narrative Standard....6
   b. Unusual Discharge Characteristics....6
   c. Industrial Storm Water Certified Operator....6
   d. Implementation of Storm Water Pollution Prevention Plan....6
   e. Implementation of Short-Term Storm Water Characterization Study....6
   f. Implementation of a Benchmark Monitoring Study....6
   g. Storm Water Discharges from Special-Use Areas....6

Part I Section B

1. Storm Water Pollution Prevention Plan....7
2. Source Identification....7
   a. Site Map....7
   b. List of Significant Materials Associated with Industrial Activity....7
   c. List of Significant Spills and Leaks....8
   d. Summary of Storm Water Discharge Sampling Data....8
   e. Illicit Connection Investigation and Elimination....8
   f. Description of the Dust Suppression Material Used Onsite....8
3. Total Maximum Daily Loads (TMDLs)....9
4. Nonstructural Controls....9
   a. Preventative Maintenance....9
   b. Good Housekeeping Inspections....9
   c. Comprehensive Site Inspections....9
   d. Visual Assessments....10
   e. Material Handling and Spill Prevention/Reponse Procedures....11
   f. Annual Employee Training Program....11
5. Structural Controls....12
6. Keeping SWPPPs Current....12
7. Contact Information and Industrial Storm Water Certified Operator Update....13
8. Signature and SWPPP Certification....13

Part 1 Section C

1. Record Keeping....14
2. Non-Storm Water Discharges....14
3. Request for Approval to Use Water Treatment Additives....15
4. Tracer Dye Discharges....15
5. Facility Contact....16
6. Portable Industrial Facilities....16
7. Expiration and Reissuance....17
8. Termination of General Permit Coverage....17
9. Requirement to Obtain Individual Permit....17

10. Alternate Schedule Request for Comprehensive Site Inspections and/or Visual Assessment 18

Part I Section D

1. Short-Term Storm Water Characterization Study (STSWCS) 19
2. STSWCS Plan Requirements 19
   a. Description of Special Use Areas 19
   b. Sample Collection and Handling 19
   c. Sample Analysis 230
3. STSWCS Final Report Requirements 20

Part I Section E

1. Benchmark Monitoring 21
2. Benchmark Monitoring Compliance Schedule 21
   a. Option to Conduct Immediate Benchmark Monitoring 221
   b. Option to Request Approval for an Alternate Schedule for Benchmark Monitoring 221
   c. Option to Request Approval to Forgo Benchmark Monitoring 232
3. Benchmark Monitoring Study Plan Requirements 22
   a. Description of the Site 22
   b. Sample Collection and Handling 22
   c. Sample Analysis 23
4. Benchmark Monitoring Data Evaluation, Outcomes, and Required Responses 23
5. Benchmark Monitoring Study Report 25

Part I Section F

1. Covered Storm Water Discharges 26
2. SWPPP Requirements 26
   a. Material Handling Procedures 26
   b. Employee Training Program 26
   c. Structural Controls 26
   d. Inspection Requirements 27
3. Benchmark Concentration Tables 28

Part I Section G

1. Covered Storm Water Discharges 29
2. SWPPP Requirements 29
   a. Material Handling Procedures 29
   b. Employee Training Program 29
   c. Structural Controls 29
   d. Inspection Requirements 30
3. Benchmark Concentration Tables 31

Part II Section A: Definitions **32**

Part II Section B

1. Representative Samples 41
2. Test Procedures 41
3. Instrumentation 41
4. Recording Results 41
5. Records Retention 41

Part II Section C

1. Start-up Notification 42
2. Submittal Requirements for Self-Monitoring Data 42
3. Retained Self-Monitoring Requirements 43
4. Additional Monitoring by Permittee 43
5. Compliance Dates Notification 43
6. Noncompliance Notification 44
7. Spill Notification 44
8. Upset Noncompliance Notification 45
9. Bypass Prohibition and Notification 45
10. Bioaccumulative Chemicals of Concern (BCC) 46
11. Notification of Changes in Discharge 47
12. Changes in Facility Operations 47
13. Transfer of Ownership or Control 47
14. Operations and Maintenance Manual 47
15. Signatory Requirements 48
16. Electronic Reporting 48

Part II Section D

1. Duty to Comply 49
2. Operator Certification 49
3. Facilities Operation 49
4. Power Failures 49
5. Adverse Impact 49
6. Containment Facilities 50
7. Waste Treatment Residues 50
8. Right of Entry 50
9. Availability of Reports 50
10. Duty to Provide Information 50

Part II Section E

1. Discharge to the Groundwaters 51
2. POTW Construction 51
3. Civil and Criminal Liability 51
4. Oil and Hazardous Substance Liability 51
5. State Laws 51
6. Property Rights 51

PERMIT FEE REQUIREMENTS

In accordance with Section 324.3118 of the NREPA, the permittee shall make payment of an annual storm water fee to the Department for each January 1 the permit is in effect regardless of occurrence of discharge. The permittee shall submit the fee in response to the Department's annual notice. Payment may be made electronically via the Department's MiEnviro system. The MiEnviro website is located at https://mienviro.michigan.gov/ncore/external/home. Payment shall be submitted or postmarked by March 15 for notices mailed by February 1. Payment shall be submitted or postmarked no later than 45 days after receiving the notice for notices mailed after February 1.

CONTESTED CASE INFORMATION

Any person who is aggrieved by this permit may file a sworn petition with the Michigan Administrative Hearing System within the Michigan Department of Licensing and Regulatory Affairs, c/o the Michigan Department of Environment, Great Lakes, and Energy setting forth the conditions of the permit which are being challenged and specifying the grounds for the challenge. The Department of Licensing and Regulatory Affairs may reject any petition filed more than 60 days after issuance as being untimely.

PART I

Section A. Final Effluent Limitations and Monitoring Requirements

1. Final Effluent Limitations and Monitoring Requirements

During the period beginning on the effective date of this permit and the individual COC and lasting until the expiration of this permit or termination of the individual COC, the permittee is authorized to discharge storm water associated with industrial activity as defined under 40 CFR 122.26(b)(14)(i-ix) to surface waters of the state, including from special-use areas such as secondary containment structures required by state or federal law; lands on Michigan's List of Sites of Environmental Contamination pursuant to Part 201 of the NREPA; and areas with other activities that may contribute pollutants to the storm water. Such discharge shall be limited and monitored by the permittee as specified below.

a. Narrative Standard
In accordance with R 323.1050 of the Part 4 Rules promulgated pursuant to Part 31 of the NREPA, the receiving waters shall not have any of the following physical properties as a result of this discharge in unnatural quantities that are, or may become, injurious to any designated use: turbidity, color, oil films, floating solids, foams, settleable solids, suspended solids, or deposits.

b. Unusual Discharge Characteristics
Storm water discharges shall be monitored as required by this permit to ensure there is no unusual characteristics (i.e., unnatural turbidity, color, oil film, floating solids, foams, settleable solids, suspended solids, or deposits) that would cause a violation of the narrative standard or other water quality standards.

c. Industrial Storm Water Certified Operator
Storm water treatment and/or control measures associated with this discharge shall be under the direct supervision of an industrial storm water operator certified by the Department, as required by Section 3110 of the NREPA.

d. Implementation of Storm Water Pollution Prevention Plan
The permittee shall implement an acceptable Storm Water Pollution Prevention Plan (SWPPP) as required by this permit.

e. Implementation of Short-Term Storm Water Characterization Study
If specified in the COC, the permittee shall implement an approved Short-Term Storm Water Characterization Study (STSWCS) as required by this permit.

f. Implementation of a Benchmark Monitoring Study
If specified in the COC, the permittee shall implement an approved Benchmark Monitoring Study as required by this permit.

g. Storm Water Discharges from Special-Use Areas
In addition to the requirements set forth in Part I.A.1.a. through Part I.A.1.f., above, storm water may not be discharged from special-use areas if:

1) the storm water contains unusual turbidity, color, oil film, floating solids, foams, settleable solids, or suspended solids

2) the permittee knows, or has reason to believe, the storm water is contaminated by or has come into contact with significant materials present within the special-use area, unless the Department approves the discharge.

3) the permittee knows, or has reason to believe, the storm water is contaminated by or has come into contact with significant materials that may cause a violation of water quality standards, unless the Department approves the discharge.

PART I

Section B. Storm Water Pollution Prevention Plan

1. Storm Water Pollution Prevention Plan (SWPPP)

The SWPPP is a written plan that identifies sources of significant materials associated with industrial activity and includes procedures intended to reduce the exposure of significant materials to storm water. An acceptable SWPPP shall include the facility name, address, COC number, and meet the conditions specified in Part I.B.2. through Part I.B.8. of this permit. The SWPPP template and other guidance materials are available on the Industrial Storm Water Program webpage at: www.michigan.gov/industrialstormwater.

2. Source Identification

To identify potential sources of significant materials that have reasonable potential to pollute storm water and subsequently be discharged to surface waters of the state, the SWPPP shall, at a minimum, include the following:

a. Site Map
The site map shall identify and label the following:

1) buildings and other permanent structures;

2) all areas of industrial activity, industrial equipment, and/or industrial material storage;

3) storage, disposal, and/or recycling areas for significant materials;

4) the location of all storm water discharge points and monitoring points (numbered or otherwise uniquely labeled for reference);

5) the location of all storm water inlets (e.g., catch basins, roof drains, etc.) contributing to each storm water discharge point (numbered or otherwise uniquely labeled for reference);

6) the location of non-storm water NPDES-permitted discharges;

7) the location of all storm water conveyances (e.g., pipe, ditch, channel, etc.) and outlines of the drainage areas contributing to each storm water discharge point;

8) all structural controls (e.g., secondary containment, inlet filters, etc.) and/or storm water treatment equipment/devices;

9) area(s) of vegetation (with appropriate labeling such as lawn, old field, marsh, wooded, etc.);

10) area(s) that have the potential for soil erosion and sediment discharges (e.g., gravel lots, access roads, material stockpiles, outfalls, etc.);

11) impervious surfaces (e.g., roofs, asphalt, concrete, etc.);

12) name and location of receiving water(s); and

13) contaminated areas of the site regulated under Part 201 of the NREPA.

b. List of Significant Materials Associated with Industrial Activity
This list shall identify all significant materials that have a reasonable potential to pollute storm water and identify the activity or area in which the significant materials are handled or stored. For each activity or area identified, the inlet(s) and discharge point(s) impacted in the event of a spill or leak shall be included on the list. The following industrial activities and/or areas shall be evaluated for the potential to expose significant materials to storm water, as applicable:

PART I

Section B. Storm Water Pollution Prevention Plan

1) loading, unloading, and other industrial material handling activities;

2) outdoor industrial material storage areas, including secondary containment structures;

3) outdoor manufacturing or processing activities;

4) dust or particulate generating processes/activities;

5) discharges associated with vents, stacks, and air emission controls;

6) industrial waste or recyclable material storage or disposal areas;

7) activities associated with the maintenance and cleaning of vehicles, machines, and equipment;

8) area(s) that have the potential for soil erosion and sediment discharges (e.g., gravel lots, access roads, material stockpiles, outfalls, etc.);

9) areas of contamination regulated under Part 201 of the NREPA;

10) areas of significant material residues;

11) areas where animals (wild or domestic) congregate and deposit wastes; and

12) other areas where storm water may come into contact with significant materials.

c. List of Significant Spills and Leaks
This list shall identify the date, volume, and location of the significant spill/leak as defined under Part II.A. of this permit, and the cleanup actions undertaken. Significant spills/leaks shall be controlled in accordance with the SWPPP and are cause for the SWPPP to be updated as specified in Part I.B.6. of this permit. The permittee shall notify the Department of significant spills/leaks as specified in Part II.C.6 and/or Part II.C.7. of this permit. Written reports regarding significant spills/leaks shall be retained with the SWPPP records in accordance with Part I.C.1. of this permit.

d. Summary of Storm Water Discharge Sampling Data
If data has been collected, the SWPPP shall include a list of the pollutants detected, sources identified, and the control measures implemented to reduce the discharge of the detected pollutants. Storm water discharge sampling data shall be retained in accordance with Part I.C.1. of this permit

e. Illicit Connection Investigation and Elimination
The permittee shall implement an illicit connection investigation and elimination program. The SWPPP shall include a written description of the actions taken to identify, investigate, and eliminate illicit connections to Municipal Separate Storm Sewer Systems (MS4s) or surface waters of the state. Any discharge from an illicit connection to an MS4 or surface water of the state is a violation of this permit.

f. Description of the Dust Suppression Material Used Onsite
The SWPPP shall include a description of the dust suppression material used onsite, the areas where the material is used, and the actions implemented to prevent an unauthorized discharge of the material. If the permittee does not use dust suppression material onsite, the SWPPP shall indicate this.

PART I

Section B. Storm Water Pollution Prevention Plan

3. Total Maximum Daily Loads (TMDLs)

The permittee shall implement nonstructural and/or structural controls to reduce the discharge of the pollutant(s) associated with any TMDL(s) identified in the COC. The SWPPP shall include a list of all TMDL(s) identified in the COC, as well as references to control measures already listed in the SWPPP intended to reduce the discharge of the TMDL pollutant. The implementation of an acceptable SWPPP shall meet the control measure expectations of all TMDL(s) identified on the COC; however, the Department may require additional control measures if it is determined that the storm water discharge is negatively impacting the applicable TMDL(s). If no TMDLs are identified on the COC, this condition does not apply.

4. Nonstructural Controls

To manage and address sources of significant materials that have reasonable potential to pollute storm water and subsequently be discharged to surface waters of the state, the SWPPP shall, at a minimum, include the following nonstructural controls:

a. Preventative Maintenance
Preventive maintenance procedures shall list the storm water management and control devices, treatment systems, industrial equipment, etc. that will be routinely serviced and maintained to prevent significant material exposure to storm water. The written procedures shall include a maintenance schedule for each item listed.

b. Good Housekeeping Inspections
Good housekeeping procedures shall list the areas that will be routinely inspected and cleaned to prevent significant material exposure to storm water. The areas associated with the items listed in the preventative maintenance procedures shall also be included. The written procedures shall include an inspection and cleaning schedule for each area listed. A written report documenting the implementation of the inspection and cleaning schedule shall be retained in accordance with Part I.C.1. of this permit.

c. Comprehensive Site Inspections
Comprehensive site inspection procedures shall include all items listed below in Part I.B.4.c.3) that will be inspected by an Industrial Storm Water Certified Operator to ensure compliance with this permit. At a minimum, one inspection shall be performed during normal facility operating hours within each of the following quarters unless the Department has approved an alternate schedule in accordance with Part I.C.10.: January – March, April – June, July – September, and October – December. A written report documenting the comprehensive site inspection shall be retained in accordance with Part I.C.1. of this permit and shall include the following information:

1) the date of the inspection;

2) the Industrial Storm Water Certified Operator's name(s) and certification number(s);

3) all observations regarding significant material exposure and any necessary corrective actions related to the inspection of the following:

a) areas identified in Part I.B.2.a. and Part I.B.2.b. of this permit,

b) areas identified in Part I.B.2.c. of this permit where significant spills or leaks have occurred in the past three years,

c) all storm water inlets, conveyances (not including subsurface piping), and discharge points, and

d) all structural controls and/or storm water treatment equipment/devices;

PART I

Section B. Storm Water Pollution Prevention Plan

4) a review of the good housekeeping reports, and any other paperwork associated with the SWPPP; and

5) a written statement, based on the results of the comprehensive site inspection, certifying compliance with the terms of this permit and with the permittee's SWPPP.

d. Visual Assessments

At a minimum, one (1) storm water sample shall be collected for visual assessment during normal facility operating hours at each discharge point within each of the following quarters unless the Department has approved an alternate schedule in accordance with Part I.C.10. of this permit: January – March, April – June, July – September, and October – December. Visual assessment guidance is available on the Industrial Storm Water Program webpage at www.michigan.gov/industrialstormwater.

The following are the requirements of the visual assessments and shall be included in the written procedures:

1) The storm water sample(s) shall be collected during normal hours of operation by an Industrial Storm Water Certified Operator, Qualified Personnel as defined in Part II.A. of this permit, or automatic sampling device.

2) The storm water sample(s) shall be collected:

a) with clean equipment and containers, and

b) within the first 30 minutes of the start of a discharge resulting from a qualifying storm event as defined in Part II.A. of this permit. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample shall be collected as soon thereafter as practicable. In the case of snowmelt, samples shall be collected during a period with measurable discharge from the site.

3) The visual assessment of the storm water sample(s) shall be performed and documented by an Industrial Storm Water Certified Operator. Documentation shall be retained in accordance with Part I.C.1. of this permit and shall include the following information:

a) Sample location(s).

b) Storm water sample collection date(s), time(s), and if applicable, an explanation as to why sample(s) were not collected within the first 30 minutes of discharge.

c) Visual assessment date and time.

d) Name and certification number of the Industrial Storm Water Certified Operator.

e) Storm event information, including the length of event expressed in hours, approximate size of event expressed in inches of precipitation, duration of time since previous event that caused a discharge, date and time the discharge began, and nature of event (i.e., rainfall or snowmelt).

f) Name(s) of personnel who obtained the storm water sample(s) or document that an automatic sampling device was used.

g) Any notable observations of the discharge while the storm water samples were collected. This requirement is waived if an automatic sampling device was used to collect the storm water samples.

PART I

Section B. Storm Water Pollution Prevention Plan

h) Sample(s) shall be observed in a colorless glass or plastic container for the following characteristics: color, oil sheen, turbidity, floating solids, suspended solids, settleable solids, foam, and any other unusual characteristics.

i) Unaltered, full-color photograph of the storm water sample(s) against a white background.

j) A description of corrective actions taken if any unusual characteristics are identified during the visual assessment.

4) When a visual assessment cannot be completed for any reason (e.g., adverse weather conditions, no discharge, qualifying event occurred outside the normal facility operating hours, etc.) during any quarter, written documentation explaining the reason for not completing the visual assessment shall be included with the SWPPP records. Adverse weather conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, electrical storms, or situations that otherwise make sampling impractical such as drought or extended frozen conditions.

5) If the facility has two (2) or more storm water discharge points that are believed to discharge substantially identical storm water effluents, the facility may conduct visual assessments of the discharge at one (1) of the storm water discharge points and report that the results also apply to the other substantially identical storm water discharge point(s). The determination of substantially identical storm water discharge points is to be based on the significant material evaluation conducted as set forth under Part I.B.2.b. of this permit and shall be clearly documented in the SWPPP. Visual assessments shall be conducted on a rotating basis of each substantially identical storm water discharge point throughout the period of coverage under this permit.

e. Material Handling and Spill Prevention / Response Procedures

Significant material handling and storage procedures shall be developed to minimize the potential for leaks and spills that may be exposed to storm water. For each potential spill or leak area, the procedures shall identify the significant material handling and storage requirements, spill response actions, and locations of spill/leak kits. The SWPPP shall include language describing what a reportable spill or leak is, and the appropriate reporting requirements in accordance with Part II.C.6. and Part II.C.7. of this permit.

For Polluting Materials (as defined under Part II.A. of this permit), the SWPPP may reference any of the following plans:

- Pollution Incident Prevention Plan (PIPP) prepared in accordance with the Part 5 Rules (R 324.2001 through R 324.2009 of the Michigan Administrative Code)
- Hazardous Waste Contingency Plan prepared in accordance with 40 CFR 264 and 265 Subpart D, as required by Part 111 of the NREPA
- Spill Prevention Control and Countermeasure (SPCC) plan prepared in accordance with 40 CFR 112

f. Annual Employee Training Program

The SWPPP shall include a written description of the employee training program that will be implemented on an annual basis to inform appropriate personnel of the components of the SWPPP and requirements of this permit. Records of the annual employee training program shall be retained in accordance with Part I.C.1. of this permit.

PART I

Section B. Storm Water Pollution Prevention Plan

5. Structural Controls

Structural controls shall be used to reduce significant material exposure and/or the concentration of significant materials in the discharge to ensure compliance with Part I.A.1.a. and Part I.A.1.b. of this permit. The SWPPP shall provide a list of all structural controls utilized onsite and the significant material(s) intended to be managed by the structural controls. The location of the structural controls shall be identified on the site map. Where applicable, structural controls shall, at a minimum, be utilized to achieve the following:

a. prevent unauthorized discharges from industrial waste and recyclable material containers,

b. prevent the discharge of sediment and other particulates that can be mobilized by storm water, and

c. minimize channel/streambank erosion and scour in the immediate vicinity of outfalls.

6. Keeping SWPPPs Current

a. The permittee and/or an Industrial Storm Water Certified Operator shall review the SWPPP annually after it is developed and maintain a written report of the review. Based on the review, the permittee or an Industrial Storm Water Certified Operator shall amend the SWPPP as needed to ensure continued compliance with the terms and conditions of this permit. A SWPPP Annual Review Report form is available on the Industrial Storm Water Program webpage at www.michigan.gov/industrialstormwater. The written report of the SWPPP Annual Review shall be retained in accordance with Part I.C.1. of this permit

b. The SWPPP developed under the conditions of a previous permit shall be amended as necessary to ensure compliance with this permit.

c. The SWPPP shall be updated or amended whenever changes at the facility have the potential to increase the exposure of significant materials to storm water, significant spills/leaks occur at the facility, or when the SWPPP is determined by the permittee or the Department to be ineffective in achieving the general objectives of controlling pollutants in storm water discharges associated with industrial activity. SWPPP updates necessitated by increased activity or significant spills at the facility shall include a description of how the permittee intends to control any new sources of significant materials or respond to and prevent spills in accordance with the requirements of this permit.

d. The Department may notify the permittee at any time that the SWPPP does not meet minimum requirements of this permit. Such notification shall identify why the SWPPP does not meet minimum requirements of this permit. The permittee shall make the required changes to the SWPPP within 30 days after such notification from the Department and shall submit to the Department a written certification that the requested changes have been made.

e. Amendments to the SWPPP shall be signed and retained on-site with the SWPPP pursuant to Part I.B.8. of this permit.

PART I

Section B. Storm Water Pollution Prevention Plan

7. Contact Information and Industrial Storm Water Certified Operator Update

a. The SWPPP shall include contact information (i.e., name, mailing address, phone number, and email address) for the Facility Contact, Industrial Storm Water Certified Operator(s), environmental consultant, and/or any other appropriate individuals who manage the storm water program at the facility. The SWPPP shall be updated, as necessary, to ensure the contact information is current.

b. If the primary Industrial Storm Water Certified Operator is replaced, the permittee shall provide the name and certification number of the new Industrial Storm Water Certified Operator to the Department by updating the facility's MiEnviro site. If a facility has multiple Industrial Storm Water Certified Operators, the names and certification numbers of all shall be included in the SWPPP.

8. Signature and SWPPP Certification

a. The SWPPP shall be reviewed and signed by an Industrial Storm Water Certified Operator and by either the permittee or an authorized representative in accordance with 40 CFR 122.22. The SWPPP and associated records shall be retained on-site at the facility that generates the storm water discharge.

b. The permittee shall make the SWPPP and items required by Part I.C.1. of this permit available upon request to the Department. The Department makes the non-confidential business portions of the SWPPP available to the public.

PART I

Section C. Special Conditions

1. Record Keeping

The permittee shall maintain records of all SWPPP-related activities. All such records shall be retained for three (3) years. The following records are required by this permit:

a. good housekeeping inspection reports

b. comprehensive site inspection reports

c. visual assessment reports

d. employee training records

e. SWPPP annual review reports

f. significant spill/leak reports, and

g. storm water discharge sampling data, and

h. STSWCS data and/or benchmark monitoring data.

2. Non-Storm Water Discharges

Storm water is defined in Part II.A. of this permit to encompass non-storm water discharges included under the conditions of this permit. Any discharge of wastewater other than storm water as defined under the conditions of this permit shall be in compliance with an NPDES permit issued for the discharge. The non-storm water discharges included under the conditions of this permit are authorized under this permit, provided pollution prevention controls for the non-storm water component are identified in the permittee's SWPPP. The non-storm water discharges included under the conditions of this permit are as follows:

a. discharges from fire hydrant flushing

b. potable water sources, including water line flushing

c. water from fire system testing and fire-fighting training without burned materials or chemical fire suppressants

d. irrigation drainage

e. lawn watering

f. routine building wash-down that does not use detergents or other compounds

g. pavement wash waters where contamination by toxic or hazardous materials has not occurred (unless all contamination by toxic or hazardous materials has been removed) and where detergents are not used

h. uncontaminated condensate from air conditioners, coolers, and other compressors, and from the outside storage of refrigerated gases or liquids

i. springs

j. uncontaminated groundwater

PART I

Section C. Special Conditions

k. foundation or footing drains where flows are not contaminated with process materials such as solvents, and

l. discharges from fire-fighting activities. Discharges from fire-fighting activities are exempted from the requirement to be identified in the SWPPP.

3. Request for Approval to Use Water Treatment Additives

This permit does not authorize the use of any water treatment additive without prior written approval from the Department. Such approval is authorized under separate correspondence. Water treatment additives include any materials that are added to water used at the facility, or to wastewater generated by the facility, to condition or treat the water. Permittees proposing to use water treatment additives, including a proposed increased concentration of a previously approved water treatment additive, shall submit a request for approval via the Department's MiEnviro system. The MiEnviro website is located at https://mienviro.michigan.gov/ncore/external/home. Instructions for submitting such a request may be obtained at http://www.michigan.gov/eglenpdes (near the bottom of that page, click on one or both of the links located under the Water Treatment Additives banner). Additional monitoring and reporting may be required as a condition of approval to use the water treatment additive.

A request for approval to use water treatment additives shall include all of the following usage and discharge information for each water treatment additive proposed to be used:

a. The Safety Data Sheet (SDS);

b. Ingredient information, including the name of each ingredient, CAS number for each ingredient, and fractional content by weight for each ingredient;

c. The proposed water treatment additive discharge concentration with supporting calculations;

d. The discharge frequency (i.e., number of hours per day and number of days per year);

e. The outfall(s) and monitoring point(s) from which the water treatment additive is to be discharged;

f. The type of removal treatment, if any, that the water treatment additive receives prior to discharge;

g. The water treatment additive's function (i.e., microbiocide, flocculant, etc.);

h. The SDS shall include a 48-hour LC50 or EC50 for a North American freshwater planktonic crustacean (either *Ceriodaphnia sp.*, *Daphnia sp.*, or *Simocephalus sp.*). The results shall be based on the whole water treatment additive, shall not be results based on a similar product, and shall not be estimated; and

i. The SDS shall include the results of a toxicity test for one (1) other North American freshwater aquatic species (other than a planktonic crustacean) that meets a minimum requirement of R 323.1057(2) of the Water Quality Standards. The results shall be based on the whole water treatment additive, shall not be results based on a similar product, and shall not be estimated. Examples of tests that would meet this requirement include a 96-hour LC50 for rainbow trout, bluegill, or fathead minnow.

4. Tracer Dye Discharges

This permit does not authorize the discharge of tracer dyes without approval from the Department. Requests to discharge tracer dyes shall be submitted to the Department in accordance with Rule 1097 (R 323.1097 of the Michigan Administrative Code).

PART I

Section C. Special Conditions

5. Facility Contact

The "Facility Contact" was specified in the application. The permittee may replace the facility contact at any time. Within ten (10) days of taking such action, the permittee shall notify the Department in writing and update the Facility Contact in MiEnviro, including the name, physical address, email address, and telephone number of the new facility contact, The MiEnviro website is located at https://mienviro.michigan.gov/ncore/external/home (log in, select the site from the left-side menu, click on Details, click on Contacts from the top menu, click Add Contact, fill out the required fields, and select "Facility Contact" from the list of roles).

a. The facility contact shall be (or a duly authorized representative of this person):
- for a corporation, a principal executive officer of at least the level of vice president, or a designated representative, if the representative is responsible for the overall operation of the facility from which the discharge described in the permit application or other NPDES form originates,
- for a partnership, a general partner,
- for a sole proprietorship, the proprietor, or
- for a municipal, state, or other public facility, either a principal executive officer, the mayor, village president, city or village manager, or other duly authorized employee.

b. A person is a duly authorized representative only if:
- the authorization is made in writing to the Department by a person described in paragraph a. of this section; and
- the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the facility (a duly authorized representative may thus be either a named individual or any individual occupying a named position).

Nothing in this section obviates the permittee from properly submitting reports and forms as required by law.

6. Portable Industrial Facilities

a. Storm water discharges from satellite locations of a portable industrial facility may be authorized by obtaining a COC issued under this permit. To obtain a COC, an application shall be submitted to the Department for a primary mailing address of the owner or operator of the portable facility. Following receipt of a COC, if the portable facility is to be moved to a satellite location, the permittee shall notify the Department of the relocation, via MiEnviro, at least ten (10) days prior to start-up at the satellite location. The notification shall include the location (township, range, section, and quarter-quarter section) of the current and proposed sites for the portable facility, the receiving water for the discharge, and the anticipated date of the move. Failure to notify the Department concerning the satellite location is a permit violation.

b. The permittee shall submit an application for each portable facility that could be moved to a satellite location. A SWPPP shall be in place for each facility at the time of start-up and shall be modified for each new location as necessary.

PART I

Section C. Special Conditions

7. Expiration and Reissuance

On or before October 1, 2026, a permittee seeking continued authorization to discharge under this permit beyond the permit's expiration date shall submit to the Department an application for reissuance via the Department's MiEnviro system. The MiEnviro website is located at https://mienviro.michigan.gov/ncore/external/home. Without a timely application for reissuance, the permittee's authorization to discharge will **expire on April 1, 2027**. With a timely application for reissuance, the permittee shall continue to be subject to the terms and conditions of the expired permit until the Department takes action on the application, unless this permit is terminated or revoked.

If this permit is terminated or revoked, the Department will notify the permittee in writing and all authorizations to discharge under the permit shall expire on the date of termination or revocation. If this permit is modified, the Department will notify the permittee in writing of any required action. Upon the effective date of the modified permit, the permittee shall be subject to the terms and conditions of the modified permit, unless the Department notifies the permittee otherwise.

If the discharge authorized under this permit is terminated, the permittee shall submit to the Department an NPDES Permit Notice of Termination request via MiEnviro at https://mienviro.michigan.gov/ncore/external/home.

8. Termination of General Permit Coverage

A permittee may submit a request to the Department to terminate the COC for a facility when:

a. all storm water discharges authorized under this permit are eliminated, or

b. industrial activity has ceased, and no significant materials are exposed to storm water.

9. Requirement to Obtain Individual Permit

The Department may require any person who is authorized to discharge, by a COC and this permit, to apply for and obtain an Individual NPDES permit if any of the following circumstances apply:

a. the discharge is a significant contributor to pollution as determined by the Department on a case-by-case basis;

b. the discharger is not complying, or has not complied, with the conditions of this permit;

c. a change has occurred in the availability of demonstrated technology or practices for the control or abatement of waste applicable to the point source discharge;

d. effluent standards and limitations are promulgated for point source discharges subject to this permit; and/or

e. the Department determines that the criteria under which the permit was issued no longer apply.

Any person may request the Department to take action pursuant to the provisions of Rule 2191 (R 323.2191 of the Michigan Administrative Code).

PART I

Section C. Special Conditions

10. Alternate Schedule Request for Comprehensive Site Inspections and/or Visual Assessment

The permittee may request Department approval of an alternate schedule for comprehensive site inspections and/or visual assessments. Such a request may be made if the permittee meets the following criteria: the permittee is in full compliance with this permit, the permittee has an acceptable SWPPP, the permittee has installed and/or implemented adequate structural controls at the facility, the permittee has all required inspection reports available at the facility, and the permittee has an Industrial Storm Water Certified Operator at the facility. The Department may revoke the approval of an alternate schedule at any time upon notification to the permittee if these criteria are not being met.

PART I

Section D. Short-Term Storm Water Characterization Study

1. Short-Term Storm Water Characterization Study (STSWCS)

The purpose of a STSWCS is to determine the quality of the storm water being discharged from special-use areas. Within six (6) months of the effective date of a COC issued under this permit, the permittee shall submit to the Department an administratively complete STSWCS Plan developed in accordance with the requirements set forth in Part I.D.2. of this permit. For a facility with more than one category of special-use area, (e.g., a secondary containment structure and a Site of Environmental Contamination), the STSWCS Plan shall address each area individually. Upon approval of the STSWCS Plan, the permittee shall begin monitoring the authorized discharge as specified in the plan. The permittee shall notify the Department of any modifications made to the approved STSWCS Plan within 30 days. If the Department does not take action to approve or comment on the STSWCS Plan within 90 days after its submittal, the permittee shall begin storm water monitoring in accordance with the STSWCS Plan submitted.

2. STSWCS Plan Requirements

An administratively complete STSWCS Plan shall include the facility name, address, COC number, and the requirements set forth in Part I.D.2.a. through Part I.D.2.c. of this permit. The STSWCS Plan template and additional guidance for developing an administratively complete STSWCS Plan is available on the Industrial Storm Water Program webpage at www.michigan.gov/industrialstormwater. Nothing in this permit shall prevent additional sampling from being conducted beyond that specified in the STSWCS Plan.

a. Description of Special-Use Area(s)
The STSWCS Plan shall include a description of the special-use area(s). This description shall identify:

1) the type of special-use area(s) as defined in Part II.A. of this permit,

2) how storm water is discharged from the special-use area(s) and identification of impacted discharge points, and

3) the potential contaminants of concern (e.g., diesel fuel).

b. Sample Collection and Handling
Samples shall be collected during normal facility operating hours from discharges resulting from qualifying storm events occurring within three (3) consecutive quarters, unless otherwise stated in the approved STSWCS Plan. Quarters are defined as January – March, April – June, July – September, and October – December. The STSWCS Plan shall include information regarding sample collection and handling, as follows:

1) a description of the location(s) at which samples will be collected,

2) a site map detailing the sample location(s),

3) the type of samples that will be collected (i.e., grab or composite),

4) a description of how samples will be collected (i.e., manually or by automated sampler)

5) if the samples will be collected manually, the name(s) of the Industrial Storm Water Certified Operator or Qualified Personnel (as defined in Part II.A. of this permit) who will collect the samples, and

6) the timing of sample collection (e.g., within the first 30 minutes of a discharge from each qualifying storm event, or whenever discharge from the containment areas becomes necessary).

PART I

Section D. Short-Term Storm Water Characterization Study

c. Sample Analysis
The STSWCS Plan shall identify:

1) a list of pollutants to be monitored and their respective EPA-approved test procedures. The list shall include all pollutants that the permittee knows, or has reason to believe, are present in the special-use area, as well as any additional parameters (e.g., hardness, pH, etc.) that may be necessary to adequately evaluate pollutant concentrations in the discharge. All pollutants shall be analyzed in accordance with Part II.B.2. of this permit;

2) the quantification level for each analysis. Acceptable quantification levels for selected parameters are available in the NPDES Permit Application Appendix located at www.michigan.gov/eglenpdes. In the center of the page, under the 'Information' heading, click on 'How to Apply for an NPDES permit.' The Permit Application Appendix is under the 'Downloadable Information' header; and

3) the laboratory performing the analysis.

3. STSWCS Final Report Requirements

Within 90 days of the final sampling event conducted as part of the STSWCS, a final report summarizing the results of the STSWCS shall be submitted to the Department. The final report shall, at a minimum, provide:

a. dates and times the samples were collected and the name of the person(s) who collected each sample;

b. dates the samples were analyzed and all analytical results including copies of the lab sheets provided by the laboratory;

c. the following information for each qualifying storm event included in the STSWCS:

1) the qualifying storm event's date and duration,

2) a measurement or estimate of the rainfall, and

3) the time (in days) elapsed between the qualifying storm event sampled and the end-date of the previous qualifying storm event.

d. an explanation for any pollutants detected during the STSWCS and corrective actions that have been or will be taken to address issues identified during the STSWCS.

PART I

Section E. Benchmark Monitoring

1. Benchmark Monitoring

The purpose of a Benchmark Monitoring Study is to characterize the quality of the storm water being discharged from facilities within selected industrial sectors. Data obtained during the Benchmark Monitoring Study (BMS) shall be compared to benchmark concentrations as a means of evaluating the effectiveness of nonstructural and structural controls implemented at the facility. Benchmark concentrations are not effluent limitations; therefore, exceedance of a benchmark concentration is not a permit violation. However, if corrective actions are required as a result of a benchmark concentration exceedance, failure to implement the required corrective actions is a permit violation.

2. Benchmark Monitoring Compliance Schedule

Within six (6) months of the effective date of a COC issued under this permit, the permittee shall submit to the Department the requirements necessary to comply with one (1) of the following three (3) options of the permittee's choosing:

a. Option to Conduct Immediate Benchmark Monitoring
Permittees choosing this option shall conduct immediate benchmark monitoring. The permittee shall submit to the Department for review and approval a BMS Plan developed in accordance with the requirements set forth in Part I.E.3.a. through Part I.E.3.c. of this permit. The permittee shall correct any deficiencies in the Plan identified by the Department and shall resubmit the Plan within 30 days of receiving notification from the Department. Upon Department approval of the Plan, the permittee shall begin monitoring the authorized discharge as specified in the Plan. The permittee shall notify the Department of any modifications made to the approved BMS Plan within 30 days. If the Department does not take action to comment on the BMS Plan within 90 days after its submittal, the permittee shall commence benchmark monitoring in accordance with the Plan submitted.

b. Option to Request Approval for an Alternate Schedule for Benchmark Monitoring
Permittees choosing this option shall implement additional structural controls and/or significant site modifications before starting benchmark monitoring. The permittee shall submit to the Department for review and approval a written request for an alternate schedule for benchmark monitoring. The request shall include a timeline that specifies the approximate dates for installation of additional structural controls and/or completion of significant site modifications. The request shall also include the approximate submittal date for a BMS Plan. The permittee shall correct any deficiencies in the alternate schedule identified by the Department and resubmit the alternate schedule within 30 days of receiving notification from the Department. Upon approval from the Department and consistent with such approval, the permittee shall implement the approved alternate schedule for benchmark monitoring. If the Department does not take action to comment on the alternate schedule request within 90 days after submittal, the permittee shall implement the schedule as submitted.

Consistent with the Department-approved alternate schedule for benchmark monitoring, the permittee shall submit to the Department for review and approval a BMS Plan developed in accordance with the requirements set forth in Part I.E.3.a. through Part I.E.3.c. The permittee shall correct any deficiencies in the BMS Plan identified by the Department and resubmit the BMS Plan within 30 days of receiving notification from the Department. Upon Department approval for the BMS Plan, the permittee shall begin monitoring the authorized discharge as specified in the BMS Plan. The permittee shall notify the Department of any modifications made to the approved BMS Plan within 30 days. If the Department does not take action to comment on the BMS Plan within 90 days after its submittal, the permittee shall commence benchmark monitoring in accordance with the BMS Plan submitted.

In no case shall benchmark monitoring commence later than three (3) years after the effective date of the individual COC.

PART I

Section E. Benchmark Monitoring

c. Option to Request Approval to Forgo Benchmark Monitoring
The permittee choosing this option elects to request Department approval to forgo benchmark monitoring. The permittee shall submit to the Department a written request to forgo benchmark monitoring that certifies to the following:

1) The facility is in full compliance with the conditions set forth in this permit, including the sector-specific conditions set forth in Part I.F.2. or Part I.G.2.

2) Visual assessments from the three (3) most recent monitoring events confirm the effectiveness of nonstructural and/or structural controls.

3) The facility does not/will not accept metal particulates nor engage in practices that generate metal particulates unless the facility's operations and/or physical layout are designed and implemented to prevent contact between scrap metal and precipitation, including runoff, and/or eliminate discharges of storm water associated with areas of metal particulate storage or generation. Practices that generate metal particulates include but are not limited to shredding, cutting, grinding, and/or smelting. Metal particulates include but are not limited to turnings, grinding sludges, and/or swarf.

As part of the written request to forgo benchmark monitoring, the permittee shall submit a SWPPP that meets the conditions of this permit, including the sector-specific conditions set forth in Part I.F.2. or Part I.G.2. and the three (3) most recent visual assessment report forms.

Upon receipt of written approval from the Department, the permittee may forgo benchmark monitoring at the approved facility. If the Department does not take action to approve or comment on the request within 90 days after its submittal, the permittee may forgo benchmark monitoring at the facility. The Department may at any time deny or withdraw approval to forgo benchmark monitoring if it determines that the facility does not meet the criteria for such approval. If the approval to forgo benchmark monitoring is denied or withdrawn, within 90 days of receiving the notice of denial, the permittee shall submit a BMS Plan or a request for an alternate schedule in accordance with Part I.E.2.a. or Part I.E.2.b. of this permit, at the permittee's choosing

3. Benchmark Monitoring Study Plan Requirements

An administratively complete BMS Plan shall include the facility name, address, COC number, and the requirements set forth in Part I.E.3.a. through Part I.E.3.c. Additional guidance for developing an administratively complete BMS Plan is available on the Industrial Storm Water Program webpage at www.michigan.gov/industrialstormwater. Nothing in this permit shall prevent additional sampling from being conducted beyond that specified in the permittee's BMS Plan.

a. Description of the Site
The BMS Plan shall describe:

1) the facility's industrial activity and normal hours of operation,

2) the activities that generate metal particulates (e.g., shredding, cutting, grinding, smelting, etc.), and

3) the type of metal particulates handled onsite (e.g., turnings, grinding sludges, swarf, etc.).

b. Sample Collection and Handling
Benchmark monitoring samples shall be collected concurrently with the visual assessment samples required under Part I.B.4.d. of this permit, during normal facility operating hours from discharges resulting from qualifying storm events occurring within three (3) consecutive quarters. Samples shall be collected within the first 30 minutes of the start of a discharge resulting from a qualifying storm event as defined in Part II.A. of this permit. If it is not possible to collect the sample within the first 30 minutes of

PART I

Section E. Benchmark Monitoring

discharge, the sample shall be collected as soon thereafter as practicable. In the case of snowmelt, samples shall be collected during a period with measurable discharge from the site.

The BMS Plan shall include the following information regarding sample collection and handling:

1) a list of the discharge points where samples will be collected. If samples will not be collected at the discharge point, the alternate sampling location shall be described;

2) the sample type used (i.e., grab or composite);

3) a description of how samples will be collected (i.e., manually or automated sampler); and

4) if the samples will be collected manually, the name(s) of the Industrial Storm Water Certified Operator, or Qualified Personnel as defined in Part II.A. of this permit.

c. Sample Analysis
The BMS Plan shall identify:

1) the list of pollutants to be monitored and their respective EPA-approved test procedures. This list shall, at a minimum, include all parameters identified in the applicable sector-specific Benchmark Concentration Table provided in this permit (see Part I.F. or Part I.G. of this permit, as specified on the COC). All pollutants shall be analyzed in accordance with Part II.B.2. of this permit;

2) the receiving water hardness value. The applicable metal benchmark concentrations depend on the hardness of the receiving water. The permittee shall either use the receiving water hardness value provided on the COC or obtain an alternate hardness value by collecting a sample of the receiving water and having it analyzed for hardness. The analytical results of all hardness sampling shall be reported to the Department in accordance with Part I.E.5. of this permit;

3) the quantification level for each analysis. Acceptable quantification levels for selected parameters are available in the NPDES Permit Application Appendix located at www.michigan.gov/eglenpdes. In the center of the page, under the 'Information' heading, click on 'How to Apply for an NPDES permit.' The Permit Application Appendix is under the 'Downloadable Information' header; and

4) the laboratory performing the analysis.

4. Benchmark Monitoring Data Evaluation, Outcomes, and Required Responses

The permittee shall, at minimum, make two (2) comparisons as part of the data evaluation. The first comparison shall be made between each individual benchmark monitoring result and the benchmark concentration. The second comparison shall be made between the average of the three (3) benchmark monitoring results and the benchmark concentration. Benchmark concentrations are provided in the sector-specific Benchmark Concentration Tables (see Part I.F. or Part I.G. of this permit, as specified on the COC).

The evaluation of benchmark monitoring data may have several possible outcomes. These outcomes, and the required responses, are set forth below:

a. If the **average** of the three (3) benchmark monitoring results obtained for a given parameter **does not exceed** the benchmark concentration for that parameter, the permittee has fulfilled the benchmark monitoring requirements for that parameter for the duration of the COC issued under this permit. Within 90 days of receiving the final sampling event's analytical results, the permittee shall submit the required Benchmark Monitoring Study report prepared in accordance with Part I.E.5. of this permit

PART I

Section E. Benchmark Monitoring

b. If the **average** of the three (3) monitoring results obtained for any single parameter **exceeds** the benchmark concentration for that parameter, the permittee shall review the selection, design, installation, and implementation of the nonstructural and structural controls to determine if modifications are necessary to meet the exceeded benchmark concentration(s). Within 90 days of receiving such sample results, the permittee shall submit a BMS report to the Department for review and approval. The report shall be developed in accordance with Part I.E.5. of this permit. If the Department does not take action to approve or comment on the report within ninety (90) days after its submittal, the permittee shall begin taking any corrective actions identified in the report. All corrective actions identified in the report shall be completed within the schedule specified in the report. In addition, the permittee shall continue monitoring for an additional three (3) successive quarters, in which a qualifying storm event occurs, for any parameter(s) that exceeded the benchmark concentration(s) during the previous three (3) sampling events, until the average result no longer exceeds the benchmark concentration. This determination shall be made based on the three (3) most recent sample results.

After two (2) years of benchmark monitoring, the permittee may determine that no further pollutant reductions are technologically available and/or economically practicable or achievable, in light of best industry practice, to meet the benchmark concentrations. The permittee shall document the rationale for making this determination and retain all such documentation with the SWPPP. Within 30 days of making this determination, the permittee shall submit written notification of this determination to the Department for review. Following its review, the Department may approve the determination as is, comment and request changes, or determine that the discharge should be covered under an individual NPDES permit in accordance with the provisions set forth in Part I.C.9. of this permit. The permittee shall continue benchmark monitoring once per year unless/until instructed by the Department to do otherwise.

c. If **any single sample result obtained for any required metal exceeds**, by greater than three (3) times, the benchmark concentration for that metal, the permittee shall take corrective action to reduce the exceedance. Specifically, within 30 days of receiving the analytical result, the permittee shall:

1) review all nonstructural and structural controls and develop a schedule for implementing corrective actions;

2) submit a Benchmark Monitoring Study report to the Department for review and approval. The report shall be developed in accordance with Part I.E.5. of this permit; and

3) repeat the actions required above in 1) and 2) IF, after taking corrective action and conducting the next sampling event, one (1) or more metal result still exceeds, by greater than three (3) times, the benchmark concentration for that metal.

PART I

Section E. Benchmark Monitoring

5. Benchmark Monitoring Study Report

The permittee shall submit a report to the Department summarizing the results of the completed Benchmark Monitoring Study. The schedule for submittal of this report is dependent upon the outcome of the study (see requirements set forth under Part I.E.4. of this permit). At a minimum, the report shall include:

a. all analytical results including lab reports and associated quality assurance/quality control data. If an alternate hardness value obtained through sampling was used in the metals data evaluation, analytical results for hardness shall be provided;

b. for the qualifying storm event that is sampled, the report shall provide:

   1) a written record of the qualifying storm event's date,

   2) a measurement or estimate of the rainfall, and

   3) the time (in days or hours) elapsed between the qualifying storm event sampled and the end-date of the previous qualifying storm event;

c. a summary of the outcome of the data evaluation, including the hardness value used in the metals data evaluation;

d. written notification of any exceedances of benchmark concentrations; and

e. a description of the response(s) made to the data evaluation, including any corrective actions considered necessary and a schedule for implementing them. Responses shall be in accordance with Part I.E.4. of this permit.

PART I

Section F. Sector-Specific Requirements for Automobile Salvage Yards

1. Covered Storm Water Discharges

The requirements set forth herein apply to storm water discharges associated with industrial activity from all facilities classified under SIC Code 5015: Motor Vehicle Parts, Used. The requirements set forth herein also apply to SIC Code 5093: Scrap and Waste Materials, if the facility primarily dismantles motor vehicles for scrap.

2. SWPPP Requirements

In addition to the SWPPP requirements set forth in Part I.B. of this permit, the permittee shall also address the following sector-specific factors as part of the SWPPP:

a. Material Handling Procedures
The procedures shall address:

1) the collection, storage, recycling, and disposal of oil, solvents, antifreeze, mercury switches, lead-acid batteries, and other vehicular fluids;

2) the measures to be taken to (as soon as practicable) drain fluids from vehicles that are to be dismantled;

3) instructions for the use of an impervious surface where spilled fluids resulting from dismantling or draining activities will be contained, or equivalent means to prevent spills and leaks if vehicular fluids will not be drained;

4) the handling of any spills or leaks that do occur (e.g., from equipment or during vehicle processing); and

5) the use of a mercury spill kit to handle mercury releases.

b. Employee Training Program
The employee training program shall include instruction on the material handling procedures specified in Part I.F.2.a. of this permit.

c. Structural Controls
The SWPPP shall provide a description of the location, function, design criteria, and installation/construction schedule of structural controls for storm water pollution prevention and treatment within the following areas, as applicable:

1) storage areas/bins/containers where oily parts, engine blocks, scrap material, waste material, lead-acid batteries, or liquids are stored;

2) processing areas where vehicles are dismantled and crushed;

3) storm water discharge points – to control the release of sediment and/or petroleum products;

4) access roads (i.e. entrances and exits) – to reduce/prevent track-out of significant materials; and

PART I

Section F. Sector-Specific Requirements for Automobile Salvage Yards

5) equipment and vehicle wash areas intended to reduce/prevent unauthorized discharges.

d. Inspection Requirements
The SWPPP shall describe the procedures for carrying out required inspections as specified below:

1) Newly arrived salvage vehicles shall be inspected for leaks as soon as practicable after their arrival.

2) Routine preventative maintenance and good housekeeping inspections shall be conducted once every two weeks. At a minimum, these inspections shall include:

a) equipment used on site;

b) storage areas containing oily parts, hydraulic fluids, other fluids (e.g.: fuels, oils antifreeze, brake fluids, and solvents), lead-acid batteries, hazardous materials and/or mercury switches; and

c) all structural controls specified in Part I.F.2.c. of this permit.

The permittee may request Department approval for reduced inspection frequency. Such a request may be made if the permittee meets the criteria set forth in Part I.C.10. of this permit, AND if the outcome of the data evaluation shows that the average of each parameter's benchmark monitoring result obtained during the course of the Benchmark Monitoring Study does not exceed the parameter's benchmark concentration. Upon receipt of written approval and consistent with such approval, the permittee may reduce this inspection frequency. Frequency of inspections shall not be reduced to less than monthly unless site-specific circumstances warrant it. The Department may revoke its approval of reduced inspection frequency at any time upon notification to the permittee if criteria are not being met.

PART I

Section F. Sector-Specific Requirements for Automobile Salvage Yards

3. Benchmark Concentration Tables

Table 1.a.: Benchmarks for Automobile Salvage Yards	
Benchmark Parameter	**Benchmark Concentration**
Total Suspended Solids (TSS)	100 mg/l
Total Copper	Hardness Dependent, see Table 1.b.
Total Lead	Hardness Dependent, see Table 1.b.
Total Zinc	Hardness Dependent, see Table 1.b.

Table 1.b.: Hardness Dependent Benchmark Concentrations			
Receiving Water Hardness (mg/l)	**Benchmark Concentration (µg/l)**		
	Total Copper	**Total Lead**	**Total Zinc**
1-24.99	0.52	35	10
25-49.99	11	580	150
50-74.99	21	1,000	270
75-99.99	31	1,400	390
100-124.99	40	1,800	490
125-149.99	50	2,100	600
150-174.99	59	2,500	700
175-199.99	68	2,800	790
200-224.99	77	3,100	890
225-249.99	87	3,400	980
250-274.99	96	3,700	1,100
275-299.99	100	4,000	1,200
300-324.99	110	4,200	1,200
325+	120	4,500	1,300

PART I

Section G. Sector-Specific Requirements for Scrap and Waste Recycling Facilities

1. Covered Storm Water Discharges

The requirements set forth herein apply to storm water discharges associated with industrial activity from facilities classified under SIC Code 5093: Scrap and Waste Materials, and primarily engaged in assembling, breaking up, sorting and wholesale distribution of scrap metal and waste materials.

2. SWPPP Requirements

In addition to the SWPPP requirements set forth in Part I.B. of this permit, the permittee shall also address the following sector-specific factors as part of the SWPPP:

a. Material Handling Procedures
The procedures shall address:

1) the collection, storage, recycling, and disposal of oil, solvents, antifreeze, mercury switches, lead-acid batteries, and other vehicular fluids;

2) the measures to be taken to (as soon as practicable) drain fluids from vehicles or equipment that is to be dismantled, crushed, or shredded;

3) instructions for the use of an impervious surface where spilled fluids resulting from dismantling, crushing, shredding or draining activities will be contained, or equivalent means to prevent spills and leaks if vehicular fluids will not be drained;

4) the handling of any spills or leaks that do occur (e.g., from equipment or during vehicle processing); and

5) the use of a mercury spill kit to handle mercury releases.

b. Employee Training Program
The employee training program shall include instruction on the material handling procedures specified in Part I.G.2.a. of this permit and instruction on procedures for inspecting inbound materials in order to minimize the potential for significant materials to contaminate storm water.

c. Structural Controls
The SWPPP shall provide a description of the location, function, design criteria, and installation/construction schedule of structural controls for storm water pollution prevention and treatment within the following areas, as applicable:

1) storage areas/bins/containers where oily parts, engine blocks, scrap material, waste material, lead-acid batteries, or liquids are stored;

2) processing areas where vehicles are crushed or shredded;

3) storm water discharge points – to control the release of sediment and/or petroleum products;

4) access roads (i.e. entrances and exits) – to reduce/prevent track-out of significant materials;

5) equipment and vehicle wash areas intended to reduce/prevent unauthorized discharges; and

6) outdoor areas where significant materials are stored.

PART I

Section G. Sector-Specific Requirements for Scrap and Waste Recycling Facilities

d. Inspection Requirements
The SWPPP shall describe the procedures for carrying out required inspections as specified below:

1) Inbound materials shall be inspected to minimize the potential for significant materials to contaminate storm water.

2) Routine preventative maintenance and good housekeeping inspections shall be conducted once every two weeks. At a minimum, these inspections shall include:

a) equipment used on site;

b) storage areas containing oily parts, hydraulic fluids, other fluids (e.g.: fuels, oils antifreeze, brake fluids, and solvents), lead-acid batteries, hazardous materials and/or mercury switches; and

c) all structural controls specified in Part I.G.2.c. of this permit.

The permittee may request Department approval for reduced inspection frequency. Such a request may be made if the permittee meets the criteria set forth in Part I.C.10. of this permit, AND if the outcome of the data evaluation shows that the average of each parameter's benchmark monitoring result obtained during the course of the Benchmark Monitoring Study does not exceed the parameter's benchmark concentration. Upon receipt of written approval and consistent with such approval, the permittee may reduce this inspection frequency. Frequency of inspections shall not be reduced to less than monthly unless site-specific circumstances warrant it. The Department may revoke the approval of reduced inspection frequency at any time upon notification to the permittee if criteria are not being met.

PART I

Section G. Sector-Specific Requirements for Scrap and Waste Recycling Facilities

3. Benchmark Concentration Tables

Table 2.a.: Benchmarks for Scrap and Waste Recycling Facilities	
Benchmark Parameter	**Benchmark Concentration**
Total Suspended Solids (TSS)	100 mg/l
Chemical Oxygen Demand (COD)	120 mg/l
Total Copper	Hardness Dependent, see Table 2.b.
Total Lead	Hardness Dependent, see Table 2.b.
Total Zinc	Hardness Dependent, see Table 2.b.

Table 2.b.: Hardness Dependent Benchmark Concentrations			
Receiving Water Hardness (mg/l)	**Benchmark Concentration (µg/l)**		
	Total Copper	**Total Lead**	**Total Zinc**
1-24.99	0.52	35	10
25-49.99	11	580	150
50-74.99	21	1,000	270
75-99.99	31	1,400	390
100-124.99	40	1,800	490
125-149.99	50	2,100	600
150-174.99	59	2,500	700
175-199.99	68	2,800	790
200-224.99	77	3,100	890
225-249.99	87	3,400	980
250-274.99	96	3,700	1,100
275-299.99	100	4,000	1,200
300-324.99	110	4,200	1,200
325+	120	4,500	1,300

PART II

Part II may include terms and /or conditions not applicable to discharges covered under this permit.

Section A. Definitions

Acute toxic unit (TU_A) means $100/LC_{50}$ where the LC_{50} is determined from a whole effluent toxicity (WET) test which produces a result that is statistically or graphically estimated to be lethal to 50% of the test organisms.

Annual monitoring frequency refers to a calendar year beginning on January 1 and ending on December 31. When required by this permit, an analytical result, reading, value or observation shall be reported for that period if a discharge occurs during that period.

Authorized public agency means a state, local, or county agency that is designated pursuant to the provisions of Section 9110 of Part 91, Soil and Sedimentation Control, of the NREPA, to implement soil erosion and sedimentation control requirements with regard to construction activities undertaken by that agency.

Best management practices (BMPs) means structural devices or nonstructural practices that are designed to prevent pollutants from entering into storm water, to direct the flow of storm water, or to treat polluted storm water.

Bioaccumulative chemical of concern (BCC) means a chemical which, upon entering the surface waters, by itself or as its toxic transformation product, accumulates in aquatic organisms by a human health bioaccumulation factor of more than 1000 after considering metabolism and other physiochemical properties that might enhance or inhibit bioaccumulation. The human health bioaccumulation factor shall be derived according to R 323.1057(5). Chemicals with half-lives of less than 8 weeks in the water column, sediment, and biota are not BCCs. The minimum bioaccumulation concentration factor (BAF) information needed to define an organic chemical as a BCC is either a field-measured BAF or a BAF derived using the biota-sediment accumulation factor (BSAF) methodology. The minimum BAF information needed to define an inorganic chemical as a BCC, including an organometal, is either a field-measured BAF or a laboratory-measured bioconcentration factor (BCF). The BCCs to which these rules apply are identified in Table 5 of R 323.1057 of the Water Quality Standards.

Biosolids are the solid, semisolid, or liquid residues generated during the treatment of sanitary sewage or domestic sewage in a treatment works. This includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes and a derivative of the removed scum or solids.

Bulk biosolids means biosolids that are not sold or given away in a bag or other container for application to a lawn or home garden.

CAFO means concentrated animal feeding operation.

Certificate of Coverage (COC) is a document, issued by the Department, which authorizes a discharge under a general permit.

Chronic toxic unit (TU_C) means $100/MATC$ or $100/IC_{25}$, where the maximum acceptable toxicant concentration (MATC) and IC_{25} are expressed as a percent effluent in the test medium.

Class B biosolids refers to material that has met the Class B pathogen reduction requirements or equivalent treatment by a Process to Significantly Reduce Pathogens (PSRP) in accordance with the Part 24 Rules, Land Application of Biosolids, promulgated under Part 31 of the NREPA. Processes include aerobic digestion, composting, anaerobic digestion, lime stabilization and air drying.

Combined sewer system is a sewer system in which storm water runoff is combined with sanitary wastes.

Composite sample is a sample collected over time, either by continuous sampling or by mixing discrete samples. A composite sample represents the average wastewater characteristics during the compositing period. Various methods for compositing are available and are based on either time or flow-proportioning, the choice of which will depend on the permit requirements.

PART II

Section A. Definitions

Continuous monitoring refers to sampling/readings that occur at regular and consistent intervals throughout a 24-hour period and at a frequency sufficient to capture data that are representative of the discharge. The maximum acceptable interval between samples/readings shall be one (1) hour.

Daily concentration
FOR PARAMETERS OTHER THAN pH, DISSOLVED OXYGEN, TEMPERATURE, AND CONDUCTIVITY – Daily concentration is the sum of the concentrations of the individual samples of a parameter taken within a calendar day divided by the number of samples taken within that calendar day. The daily concentration will be used to determine compliance with any maximum and minimum daily concentration limitations. For guidance and examples showing how to perform calculations using results below quantification levels, see the document entitled "Reporting Results Below Quantification," available at
https://www.michigan.gov/-/media/Project/Websites/egle/Documents/Programs/WRD/MiEnviro/results-below-quantification.pdf

FOR pH, DISSOLVED OXYGEN, TEMPERATURE, AND CONDUCTIVITY – The daily concentration used to determine compliance with maximum daily pH, temperature, and conductivity limitations is the highest pH, temperature, and conductivity readings obtained within a calendar day. The daily concentration used to determine compliance with minimum daily pH and dissolved oxygen limitations is the lowest pH and dissolved oxygen readings obtained within a calendar day.

Daily loading is the total discharge by weight of a parameter discharged during any calendar day. This value is calculated by multiplying the daily concentration by the total daily flow and by the appropriate conversion factor. The daily loading will be used to determine compliance with any maximum daily loading limitations. When required by the permit, report the maximum calculated daily loading for the month in the "MAXIMUM" column under "QUANTITY OR LOADING" on the DMRs.

Daily monitoring frequency refers to a 24-hour day. When required by this permit, an analytical result, reading, value or observation shall be reported for that period if a discharge occurs during that period.

Department means the Michigan Department of Environment, Great Lakes, and Energy.

Detection level means the lowest concentration or amount of the target analyte that can be determined to be different from zero by a single measurement at a stated level of probability.

Discharge means the addition of any waste, waste effluent, wastewater, pollutant, or any combination thereof to any surface water of the state.

EC_{50} means a statistically or graphically estimated concentration that is expected to cause 1 or more specified effects in 50% of a group of organisms under specified conditions.

Fecal coliform bacteria monthly
FOR WWSLs THAT COLLECT AND STORE WASTEWATER AND ARE AUTHORIZED TO DISCHARGE ONLY IN THE SPRING AND/OR FALL ON AN INTERMITTENT BASIS – Fecal coliform bacteria monthly is the geometric mean of all daily concentrations determined during a discharge event. Days on which no daily concentration is determined shall not be used to determine the calculated monthly value. The calculated monthly value will be used to determine compliance with the maximum monthly fecal coliform bacteria limitations. When required by the permit, report the calculated monthly value in the "AVERAGE" column under "QUALITY OR CONCENTRATION" on the DMR. If the period in which the discharge event occurred was partially in each of two months, the calculated monthly value shall be reported on the DMR of the month in which the last day of discharge occurred.

FOR ALL OTHER DISCHARGES – Fecal coliform bacteria monthly is the geometric mean of all daily concentrations determined during a reporting month. Days on which no daily concentration is determined shall not be used to determine the calculated monthly value. The calculated monthly value will be used to determine compliance with the maximum monthly fecal coliform bacteria limitations. When required by the permit, report the calculated monthly value in the "AVERAGE" column under "QUALITY OR CONCENTRATION" on the DMR.

PART II

Section A. Definitions

Fecal coliform bacteria 7-day
FOR WWSLs THAT COLLECT AND STORE WASTEWATER AND ARE AUTHORIZED TO DISCHARGE ONLY IN THE SPRING AND/OR FALL ON AN INTERMITTENT BASIS – Fecal coliform bacteria 7-day is the geometric mean of the daily concentrations determined during any 7 consecutive days of discharge during a discharge event. If the number of daily concentrations determined during the discharge event is less than 7 days, the number of actual daily concentrations determined shall be used for the calculation. Days on which no daily concentration is determined shall not be used to determine the value. The calculated 7-day value will be used to determine compliance with the maximum 7-day fecal coliform bacteria limitations. When required by the permit, report the maximum calculated 7-day geometric mean value for the month in the "MAXIMUM" column under "QUALITY OR CONCENTRATION" on the DMRs. If the 7-day period was partially in each of two months, the value shall be reported on the DMR of the month in which the last day of discharge occurred.

FOR ALL OTHER DISCHARGES – Fecal coliform bacteria 7-day is the geometric mean of the daily concentrations determined during any 7 consecutive days in a reporting month. If the number of daily concentrations determined is less than 7, the actual number of daily concentrations determined shall be used for the calculation. Days on which no daily concentration is determined shall not be used to determine the value. The calculated 7-day value will be used to determine compliance with the maximum 7-day fecal coliform bacteria limitations. When required by the permit, report the maximum calculated 7-day geometric mean for the month in the "MAXIMUM" column under "QUALITY OR CONCENTRATION" on the DMRs. The first calculation shall be made on day 7 of the reporting month, and the last calculation shall be made on the last day of the reporting month.

Flow-proportioned composite sample is a composite sample in which either a) the volume of each portion of the composite is proportional to the effluent flow rate at the time that portion is obtained, or b) a constant sample volume is obtained at varying time intervals proportional to the effluent flow rate.

General permit means an NPDES permit authorizing a category of similar discharges.

Geometric mean is the average of the logarithmic values of a base 10 data set, converted back to a base 10 number.

Grab sample is a single sample taken at neither a set time nor flow.

IC_{25} means the toxicant concentration that would cause a 25% reduction in a nonquantal biological measurement for the test population.

Illicit connection means a physical connection to a municipal separate storm sewer system that primarily conveys non-storm water discharges other than uncontaminated groundwater into the storm sewer; or a physical connection not authorized or permitted by the local authority, where a local authority requires authorization or a permit for physical connections.

Illicit discharge means any discharge to, or seepage into, a municipal separate storm sewer system that is not composed entirely of storm water or uncontaminated groundwater. Illicit discharges include non-storm water discharges through pipes or other physical connections; dumping of motor vehicle fluids, household hazardous wastes, domestic animal wastes, or litter; collection and intentional dumping of grass clippings or leaf litter; or unauthorized discharges of sewage, industrial waste, restaurant wastes, or any other non-storm water waste directly into a separate storm sewer.

Individual permit means a site-specific NPDES permit.

Inlet means a catch basin, roof drain, conduit, drain tile, retention pond riser pipe, sump pump, or other point where storm water or wastewater enters into a closed conveyance system prior to discharge off site or into waters of the state.

PART II

Section A. Definitions

Interference is a discharge which, alone or in conjunction with a discharge or discharges from other sources, both: 1) inhibits or disrupts a POTW, its treatment processes or operations, or its sludge processes, use or disposal; and 2) therefore, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or, of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent state or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including state regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act. [This definition does not apply to sample matrix interference].

Land application means spraying or spreading biosolids or a biosolids derivative onto the land surface, injecting below the land surface, or incorporating into the soil so that the biosolids or biosolids derivative can either condition the soil or fertilize crops or vegetation grown in the soil.

LC_{50} means a statistically or graphically estimated concentration that is expected to be lethal to 50% of a group of organisms under specified conditions.

Maximum acceptable toxicant concentration (MATC) means the concentration obtained by calculating the geometric mean of the lower and upper chronic limits from a chronic test. A lower chronic limit is the highest tested concentration that did not cause the occurrence of a specific adverse effect. An upper chronic limit is the lowest tested concentration which did cause the occurrence of a specific adverse effect and above which all tested concentrations caused such an occurrence.

Maximum extent practicable means implementation of best management practices by a public body to comply with an approved storm water management program as required by a national permit for a municipal separate storm sewer system, in a manner that is environmentally beneficial, technically feasible, and within the public body's legal authority.

MBTU/hr means million British Thermal Units per hour.

MGD means million gallons per day.

Monthly concentration is the sum of the daily concentrations determined during a reporting period divided by the number of daily concentrations determined. The calculated monthly concentration will be used to determine compliance with any maximum monthly concentration limitations. Days with no discharge shall not be used to determine the value. When required by the permit, report the calculated monthly concentration in the "AVERAGE" column under "QUALITY OR CONCENTRATION" on the DMR.

For minimum percent removal requirements, the monthly influent concentration and the monthly effluent concentration shall be determined. The calculated monthly percent removal, which is equal to 100 times the quantity [1 minus the quantity (monthly effluent concentration divided by the monthly influent concentration)], shall be reported in the "MINIMUM" column under "QUALITY OR CONCENTRATION" on the DMRs.

Monthly loading is the sum of the daily loadings of a parameter divided by the number of daily loadings determined during a reporting period. The calculated monthly loading will be used to determine compliance with any maximum monthly loading limitations. Days with no discharge shall not be used to determine the value. When required by the permit, report the calculated monthly loading in the "AVERAGE" column under "QUANTITY OR LOADING" on the DMR.

Monthly monitoring frequency refers to a calendar month. When required by this permit, an analytical result, reading, value or observation shall be reported for that period if a discharge occurs during that period.

Municipal separate storm sewer means a conveyance or system of conveyances designed or used for collecting or conveying storm water which is not a combined sewer and which is not part of a POTW as defined in the Code of Federal Regulations at 40 CFR 122.2.

PART II

Section A. Definitions

Municipal separate storm sewer system (MS4) means all separate storm sewers that are owned or operated by the United States, a state, city, village, township, county, district, association, or other public body created by or pursuant to state law, having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under state law, such as a sewer district, flood control district, or drainage district, or similar entity, or a designated or approved management agency under Section 208 of the Clean Water Act that discharges to the waters of the state. This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings.

National Pretreatment Standards are the regulations promulgated by or to be promulgated by the Federal Environmental Protection Agency pursuant to Section 307(b) and (c) of the Clean Water Act. The standards establish nationwide limits for specific industrial categories for discharge to a POTW.

No observed adverse effect level (NOAEL) means the highest tested dose or concentration of a substance which results in no observed adverse effect in exposed test organisms where higher doses or concentrations result in an adverse effect.

Noncontact cooling water is water used for cooling which does not come into direct contact with any raw material, intermediate product, by-product, waste product or finished product.

Nondomestic user is any discharger to a POTW that discharges wastes other than or in addition to water-carried wastes from toilet, kitchen, laundry, bathing or other facilities used for household purposes.

Nonstructural controls are practices or procedures implemented by employees at a facility to manage storm water or to prevent contamination of storm water.

NPDES means National Pollutant Discharge Elimination System.

Outfall is the location at which a point source discharge first enters a surface water of the state.

Part 91 agency means an agency that is designated by a county board of commissioners pursuant to the provisions of Section 9105 of Part 91 of the NREPA; an agency that is designated by a city, village, or township in accordance with the provisions of Section 9106 of Part 91 of the NREPA; or the Department for soil erosion and sedimentation control activities under Part 615, Supervisor of Wells; Part 631, Reclamation of Mining Lands; or Part 632, Nonferrous Metallic Mineral Mining, of the NREPA, pursuant to the provisions of Section 9115 of Part 91 of the NREPA.

Part 91 permit means a soil erosion and sedimentation control permit issued by a Part 91 agency pursuant to the provisions of Part 91 of the NREPA.

Partially treated sewage is any sewage, sewage and storm water, or sewage and wastewater, from domestic or industrial sources that is treated to a level less than that required by the permittee's NPDES permit, or that is not treated to national secondary treatment standards for wastewater, including discharges to surface waters from retention treatment facilities.

Point of discharge is the location of a point source discharge where storm water is discharged directly into a separate storm sewer system.

Point source discharge means a discharge from any discernible, confined, discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, or rolling stock. Changing the surface of land or establishing grading patterns on land will result in a point source discharge where the runoff from the site is ultimately discharged to waters of the state.

PART II

Section A. Definitions

Polluting material means any material, in solid or liquid form, identified as a polluting material under the Part 5 Rules, Spillage of Oil and Polluting Materials, promulgated under Part 31 of the NREPA (R 324.2001 through R 324.2009 of the Michigan Administrative Code).

POTW is a publicly owned treatment work.

Predevelopment is the last land use prior to the planned new development or redevelopment.

Pretreatment is reducing the amount of pollutants, eliminating pollutants, or altering the nature of pollutant properties to a less harmful state prior to discharge into a public sewer. The reduction or alteration can be by physical, chemical, or biological processes, process changes, or by other means. Dilution is not considered pretreatment unless expressly authorized by an applicable National Pretreatment Standard for a particular industrial category.

Public (as used in the MS4 individual permit) means all persons who potentially could affect the authorized storm water discharges, including, but not limited to, residents, visitors to the area, public employees, businesses, industries, and construction contractors and developers.

Public body means the United States; the state of Michigan; a city, village, township, county, school district, public college or university, or single-purpose governmental agency; or any other body which is created by federal or state statute or law.

Qualified Personnel means an individual who meets qualifications acceptable to the Department and who is authorized by an Industrial Storm Water Certified Operator to collect the storm water sample.

Qualifying storm event means a storm event causing greater than 0.1 inch of rainfall and occurring at least 72 hours after the previous measurable storm event that also caused greater than 0.1 inch of rainfall. Upon request, the Department may approve an alternate definition meeting the condition of a qualifying storm event.

Quantification level means the measurement of the concentration of a contaminant obtained by using a specified laboratory procedure calculated at a specified concentration above the detection level. It is considered the lowest concentration at which a particular contaminant can be quantitatively measured using a specified laboratory procedure for monitoring of the contaminant.

Quarterly monitoring frequency refers to a three month period, defined as January through March, April through June, July through September, and October through December. When required by this permit, an analytical result, reading, value or observation shall be reported for that period if a discharge occurs during that period.

Regional Administrator is the Region 5 Administrator, U.S. EPA, located at R-19J, 77 W. Jackson Blvd., Chicago, Illinois 60604.

Regulated area means the permittee's urbanized area, where urbanized area is defined as a place and its adjacent densely-populated territory that together have a minimum population of 50,000 people as defined by the United States Bureau of the Census and as determined by the latest available decennial census.

Secondary containment structure means a unit, other than the primary container, in which significant materials are packaged or held, which is required by state or federal law to prevent the escape of significant materials by gravity into sewers, drains, or otherwise directly or indirectly into any sewer system or to the surface waters or groundwaters of the state.

Separate storm sewer system means a system of drainage, including, but not limited to, roads, catch basins, curbs, gutters, parking lots, ditches, conduits, pumping devices, or man-made channels, which is not a combined sewer where storm water mixes with sanitary wastes, and is not part of a POTW.

PART II

Section A. Definitions

Significant industrial user is a nondomestic user that: 1) is subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N; or 2) discharges an average of 25,000 gallons per day or more of process wastewater to a POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process waste stream which makes up five (5) percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the permittee as defined in 40 CFR 403.12(a) on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's treatment plant operation or violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

Significant materials means any material which could degrade or impair water quality, including but not limited to: raw materials; fuels; solvents, detergents, and plastic pellets; finished materials such as metallic products; hazardous substances designated under Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (see 40 CFR 372.65); any chemical the facility is required to report pursuant to Section 313 of Emergency Planning and Community Right-to-Know Act (EPCRA); polluting materials as identified under the Part 5 Rules (R 324.2001 through R 324.2009 of the Michigan Administrative Code); Hazardous Wastes as defined in Part 111, Hazardous Waste Management, of the NREPA; fertilizers; pesticides; and waste products such as ashes, slag, and sludge that have the potential to be released with storm water discharges.

Significant spills and significant leaks means any release of a polluting material reportable under the Part 5 Rules (R 324.2001 through R 324.2009 of the Michigan Administrative Code).

Special-use area means storm water discharges for which the Department has determined that additional monitoring is needed from: secondary containment structures required by state or federal law; lands on Michigan's List of Sites of Environmental Contamination pursuant to Part 201, Environmental Remediation, of the NREPA; and/or areas with other activities that may contribute pollutants to the storm water.

Stoichiometric means the quantity of a reagent calculated to be necessary and sufficient for a given chemical reaction.

Storm water means storm water runoff, snow melt runoff, surface runoff and drainage, and non-storm water included under the conditions of this permit.

Storm water discharge point is the location where the point source discharge of storm water is directed to surface waters of the state or to a separate storm sewer. It includes the location of all point source discharges where storm water exits the facility, including *outfalls* which discharge directly to surface waters of the state, and *points of discharge* which discharge directly into separate storm sewer systems.

Structural controls are physical features or structures used at a facility to manage or treat storm water.

SWPPP means the Storm Water Pollution Prevention Plan prepared in accordance with this permit.

Tier I value means a value for aquatic life, human health or wildlife calculated under R 323.1057 of the Water Quality Standards using a tier I toxicity database.

Tier II value means a value for aquatic life, human health or wildlife calculated under R 323.1057 of the Water Quality Standards using a tier II toxicity database.

Total maximum daily loads (TMDLs) are required by the Clean Water Act for waterbodies that do not meet water quality standards. TMDLs represent the maximum daily load of a pollutant that a waterbody can assimilate and meet water quality standards, and an allocation of that load among point sources, nonpoint sources, and a margin of safety.

Toxicity reduction evaluation (TRE) means a site-specific study conducted in a stepwise process designed to identify the causative agents of effluent toxicity, isolate the sources of toxicity, evaluate the effectiveness of toxicity control options, and then confirm the reduction in effluent toxicity.

PART II

Section A. Definitions

Water Quality Standards means the Part 4 Water Quality Standards promulgated pursuant to Part 31 of the NREPA, being R 323.1041 through R 323.1117 of the Michigan Administrative Code.

Weekly monitoring frequency refers to a calendar week which begins on Sunday and ends on Saturday. When required by this permit, an analytical result, reading, value, or observation shall be reported for that period if a discharge occurs during that period. If the calendar week begins in one month and ends in the following month, the analytical result, reading, value, or observation shall be reported in the month in which monitoring was conducted.

WWSL is a wastewater stabilization lagoon.

WWSL discharge event is a discrete occurrence during which effluent is discharged to the surface water up to 10 days of a consecutive 14-day period.

3-portion composite sample is a sample consisting of three equal-volume grab samples collected at equal intervals over an 8-hour period.

7-day concentration
FOR WWSLs THAT COLLECT AND STORE WASTEWATER AND ARE AUTHORIZED TO DISCHARGE ONLY IN THE SPRING AND/OR FALL ON AN INTERMITTENT BASIS – The 7-day concentration is the sum of the daily concentrations determined during any 7 consecutive days of discharge during a WWSL discharge event divided by the number of daily concentrations determined. If the number of daily concentrations determined during the WWSL discharge event is less than 7 days, the number of actual daily concentrations determined shall be used for the calculation. The calculated 7-day concentration will be used to determine compliance with any maximum 7-day concentration limitations. When required by the permit, report the maximum calculated 7-day concentration for the WWSL discharge event in the “MAXIMUM” column under “QUALITY OR CONCENTRATION” on the DMR. If the WWSL discharge event was partially in each of two months, the value shall be reported on the DMR of the month in which the last day of discharge occurred.

FOR ALL OTHER DISCHARGES – The 7-day concentration is the sum of the daily concentrations determined during any 7 consecutive days in a reporting month divided by the number of daily concentrations determined. If the number of daily concentrations determined is less than 7, the actual number of daily concentrations determined shall be used for the calculation. The calculated 7-day concentration will be used to determine compliance with any maximum 7-day concentration limitations in the reporting month. When required by the permit, report the maximum calculated 7-day concentration for the month in the “MAXIMUM” column under “QUALITY OR CONCENTRATION” on the DMR. The first 7-day calculation shall be made on day 7 of the reporting month, and the last calculation shall be made on the last day of the reporting month.

PART II

Section A. Definitions

7-day loading
FOR WWSLs THAT COLLECT AND STORE WASTEWATER AND ARE AUTHORIZED TO DISCHARGE ONLY IN THE SPRING AND/OR FALL ON AN INTERMITTENT BASIS – The 7-day loading is the sum of the daily loadings determined during any 7 consecutive days of discharge during a WWSL discharge event divided by the number of daily loadings determined. If the number of daily loadings determined during the WWSL discharge event is less than 7 days, the number of actual daily loadings determined shall be used for the calculation. The calculated 7-day loading will be used to determine compliance with any maximum 7-day loading limitations. When required by the permit, report the maximum calculated 7-day loading for the WWSL discharge event in the "MAXIMUM" column under "QUANTITY OR LOADING" on the DMR. If the WWSL discharge event was partially in each of two months, the value shall be reported on the DMR of the month in which the last day of discharge occurred.

FOR ALL OTHER DISCHARGES – The 7-day loading is the sum of the daily loadings determined during any 7 consecutive days in a reporting month divided by the number of daily loadings determined. If the number of daily loadings determined is less than 7, the actual number of daily loadings determined shall be used for the calculation. The calculated 7-day loading will be used to determine compliance with any maximum 7-day loading limitations in the reporting month. When required by the permit, report the maximum calculated 7-day loading for the month in the "MAXIMUM" column under "QUANTITY OR LOADING" on the DMR. The first 7-day calculation shall be made on day 7 of the reporting month, and the last calculation shall be made on the last day of the reporting month.

24-hour composite sample is a flow-proportioned composite sample consisting of hourly or more frequent portions that are taken over a 24-hour period and in which the volume of each portion is proportional to the discharge flow rate at the time that portion is taken. A time-proportioned composite sample may be used upon approval from the Department if the permittee demonstrates it is representative of the discharge.

PART II

Section B. Monitoring Procedures

1. Representative Samples

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations promulgated pursuant to Section 304(h) of the Clean Water Act (40 CFR Part 136 – Guidelines Establishing Test Procedures for the Analysis of Pollutants), unless specified otherwise in this permit. **Test procedures used shall be sufficiently sensitive to determine compliance with applicable effluent limitations**. For lists of approved test methods, go to https://www.epa.gov/cwa-methods. Requests to use test procedures not promulgated under 40 CFR Part 136 for pollutant monitoring required by this permit shall be made in accordance with the Alternate Test Procedures regulations specified in 40 CFR 136.4. These requests shall be submitted to the Manager of the Permits Section, Water Resources Division, Michigan Department of Environment, Great Lakes, and Energy, P.O. Box 30458, Lansing, Michigan, 48909-7958. The permittee may use such procedures upon approval.

The permittee shall periodically calibrate and perform maintenance procedures on all analytical instrumentation at intervals to ensure accuracy of measurements. The calibration and maintenance shall be performed as part of the permittee's laboratory Quality Assurance/Quality Control program.

3. Instrumentation

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring instrumentation at intervals to ensure accuracy of measurements.

4. Recording Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information: 1) the exact place, date, and time of measurement or sampling; 2) the person(s) who performed the measurement or sample collection; 3) the dates the analyses were performed; 4) the person(s) who performed the analyses; 5) the analytical techniques or methods used; 6) the date of and person responsible for equipment calibration; and 7) the results of all required analyses.

5. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years, or longer if requested by the Regional Administrator or the Department.

PART II

Section C. Reporting Requirements

1. Start-Up Notification

The permittee shall notify the Department of start-up if one of the following conditions applies and in accordance with the applicable condition:

a. Non-CAFOs

1) **If this is an individual permit** and the permittee will not discharge during the first 60 days following the effective date of this permit, the permittee shall notify the Department via MiEnviro within 14 days following the effective date of this permit, and then again 60 days prior to commencement of the discharge.

2) **If this is a general permit** and the permittee will not discharge during the first 60 days following the effective date of the Certificate of Coverage (COC) issued under this general permit, the permittee shall notify the Department via MiEnviro within 14 days following the effective date of the COC, and then again 60 days prior to commencement of the discharge.

b. CAFOs

1) **If this is an individual permit** and the permittee will not populate with animals during the first 60 days following the effective date of this permit, the permittee shall notify the Department via MiEnviro within 14 days following the effective date of this permit, and then again 60 days prior to populating with animals.

2) **If this is a general permit** and the permittee will not populate with animals during 60 days following the effective date of the Certificate of Coverage (COC) issued under this general permit, the permittee shall notify the Department via MiEnviro within 14 days following the effective date of the COC, and then again 60 days prior to populating with animals.

2. Submittal Requirements for Self-Monitoring Data

Part 31 of the NREPA (specifically Section 324.3110(7)); and R 323.2155(2) of Part 21, Wastewater Discharge Permits, promulgated under Part 31 of the NREPA, allow the Department to specify the forms to be utilized for reporting the required self-monitoring data. Unless instructed on the effluent limitations page to conduct "Retained Self-Monitoring," the permittee shall submit self-monitoring data via the Department's MiEnviro system.

The permittee shall utilize the information provided on the MiEnviro website, located at https://mienviro.michigan.gov/ncore/external/home, to access and submit the electronic forms. Both monthly summary and daily data shall be submitted to the Department no later than the 20th day of the month following each month of the authorized discharge period(s). The permittee may be allowed to submit the electronic forms after this date if the Department has granted an extension to the submittal date.

PART II

Section C. Reporting Requirements

3. Retained Self-Monitoring Requirements

If instructed on the effluent limits page (or otherwise authorized by the Department in accordance with the provisions of this permit) to conduct retained self-monitoring, the permittee shall maintain a year-to-date log of retained self-monitoring results and, upon request, provide such log for inspection to the staff of the Department. Retained self-monitoring results are public information and shall be promptly provided to the public upon request.

The permittee shall certify, in writing, to the Department, on or before January 10th (April 1st for animal feeding operation facilities) of each year, that: 1) all retained self-monitoring requirements have been complied with and a year-to-date log has been maintained; and 2) the application on which this permit is based still accurately describes the discharge. With this annual certification, the permittee shall submit a summary of the previous year's monitoring data. The summary shall include maximum values for samples to be reported as daily maximums and/or monthly maximums and minimum values for any daily minimum samples.

Retained self-monitoring may be denied to a permittee by notification in writing from the Department. In such cases, the permittee shall submit self-monitoring data in accordance with Part II.C.2., above. Such a denial may be rescinded by the Department upon written notification to the permittee. Reissuance or modification of this permit or reissuance or modification of an individual permittee's authorization to discharge shall not affect previous approval or denial for retained self-monitoring unless the Department provides notification in writing to the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report. Such increased frequency shall also be indicated.

Monitoring required pursuant to Part 41 of the NREPA or Rule 35 of the Mobile Home Park Commission Act, 1987 PA 96, as amended, for assurance of proper facility operation, shall be submitted as required by the Department.

5. Compliance Dates Notification

Within 14 days of every compliance date specified in this permit, the permittee shall submit a written notification to the Department via MiEnviro (https://mienviro.michigan.gov/ncore/external/home) indicating whether or not the particular requirement was accomplished. If the requirement was not accomplished, the notification shall include an explanation of the failure to accomplish the requirement, actions taken or planned by the permittee to correct the situation, and an estimate of when the requirement will be accomplished. If a written report is required to be submitted by a specified date and the permittee accomplishes this, a separate written notification is not required.

PART II

Section C. Reporting Requirements

6. Noncompliance Notification

Compliance with all applicable requirements set forth in the Clean Water Act, Parts 31 and 41 of the NREPA, and related regulations and rules is required. All instances of noncompliance shall be reported as follows:

a. 24-Hour Reporting
Any noncompliance which may endanger health or the environment (including maximum and/or minimum daily concentration discharge limitation exceedances) shall be reported, verbally, within 24 hours from the time the permittee becomes aware of the noncompliance by calling the Department at the number indicated on the second page of this permit (or, if this is a general permit, on the COC). A written submission shall also be provided via MiEnviro (https://mienviro.michigan.gov/ncore/external/home) within five (5) days.

b. Other Reporting
The permittee shall report, in writing via MiEnviro (https://mienviro.michigan.gov/ncore/external/home), all other instances of noncompliance not described in a. above at the time monitoring reports are submitted; or, in the case of retained self-monitoring, within five (5) days from the time the permittee becomes aware of the noncompliance.

Reporting shall include: 1) a description of the discharge and cause of noncompliance; 2) the period of noncompliance, including exact dates and times, or, if not yet corrected, the anticipated time the noncompliance is expected to continue; and 3) the steps taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge.

7. Spill Notification

The permittee shall immediately report any release of any polluting material which occurs to the surface waters or groundwaters of the state, unless the permittee has determined that the release is not in excess of the threshold reporting quantities specified in the Part 5 Rules (R 324.2001 through R 324.2009 of the Michigan Administrative Code), by calling the Department at the number indicated on the second page of this permit (or, if this is a general permit, on the COC); or, if the notice is provided after regular working hours, by calling the Department's 24-hour Pollution Emergency Alerting System telephone number, 1-800-292-4706.

Within 10 days of the release, the permittee shall submit to the Department via MiEnviro (https://mienviro.michigan.gov/ncore/external/home) a full written explanation as to the cause of the release, the discovery of the release, response measures (clean-up and/or recovery) taken, and preventive measures taken or a schedule for completion of measures to be taken to prevent reoccurrence of similar releases.

PART II

Section C. Reporting Requirements

8. Upset Noncompliance Notification

If a process "upset" (defined as an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee) has occurred, the permittee who wishes to establish the affirmative defense of upset shall notify the Department by telephone within 24 hours of becoming aware of such conditions; and within five (5) days, provide in writing, the following information:

a. that an upset occurred and that the permittee can identify the specific cause(s) of the upset;

b. that the permitted wastewater treatment facility was, at the time, being properly operated and maintained (note that an upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation); and

c. that the permittee has specified and taken action on all responsible steps to minimize or correct any adverse impact in the environment resulting from noncompliance with this permit.

No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

In any enforcement proceedings, the permittee, seeking to establish the occurrence of an upset, has the burden of proof.

9. Bypass Prohibition and Notification

a. Bypass Prohibition
Bypass is prohibited, and the Department may take an enforcement action, unless:

1) bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

2) there were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass; and

3) the permittee submitted notices as required under b. or c. below.

b. Notice of Anticipated Bypass
If the permittee knows in advance of the need for a bypass, the permittee shall submit written notification to the Department before the anticipated date of the bypass. This notification shall be submitted at least 10 days before the date of the bypass; however, the Department will accept fewer than 10 days advance notice if adequate explanation for this is provided. The notification shall provide information about the anticipated bypass as required by the Department. The Department may approve an anticipated bypass, after considering its adverse effects, if it will meet the three (3) conditions specified in a. above.

c. Notice of Unanticipated Bypass
As soon as possible but no later than 24 hours from the time the permittee becomes aware of the unanticipated bypass, the permittee shall notify the Department by calling the number indicated on the second page of this permit (or, if this is a general permit, on the COC); or, if notification is provided after regular working hours, call the Department's 24-hour Pollution Emergency Alerting System telephone number, 1-800-292-4706.

d. Written Report of Bypass
A written submission shall be provided within five (5) working days of commencing any bypass to the Department, and at additional times as directed by the Department. The written submission shall contain a description of the bypass and its cause; the period of bypass, including exact dates and times,

PART II

Section C. Reporting Requirements

and if the bypass has not been corrected, the anticipated time it is expected to continue; steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass; and other information as required by the Department.

e. Bypass Not Exceeding Limitations
The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to ensure efficient operation. These bypasses are not subject to the provisions of a., b., c., and d., above. This provision does not relieve the permittee of any notification responsibilities under Part II.C.11. of this permit.

f. Definitions

1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

10. Bioaccumulative Chemicals of Concern (BCC)

Consistent with the requirements of R 323.1098 and R 323.1215 of the Michigan Administrative Code, the permittee is prohibited from undertaking any action that would result in a lowering of water quality from an increased loading of a BCC unless an increased use request and antidegradation demonstration have been submitted and approved by the Department.

PART II

Section C. Reporting Requirements

11. Notification of Changes in Discharge

The permittee shall notify the Department, via MiEnviro (https://mienviro.michigan.gov/ncore/external/home), as soon as possible but within no more than 10 days of knowing, or having reason to believe, that any activity or change has occurred or will occur which would result in the discharge of: 1) detectable levels of chemicals on the current Michigan Critical Materials Register, priority pollutants or hazardous substances set forth in 40 CFR 122.21, Appendix D, or the Pollutants of Initial Focus in the Great Lakes Water Quality Initiative specified in 40 CFR 132.6, Table 6, which were not acknowledged in the application or listed in the application at less than detectable levels; 2) detectable levels of any other chemical not listed in the application or listed at less than detection, for which the application specifically requested information; or 3) any chemical at levels greater than five times the average level reported in the complete application (see the first page of this permit, for the date(s) the complete application was submitted). Any other monitoring results obtained as a requirement of this permit shall be reported in accordance with the compliance schedules.

12. Changes in Facility Operations

Any anticipated action or activity, including but not limited to facility expansion, production increases, or process modification, which will result in new or increased loadings of pollutants to the receiving waters must be reported to the Department by a) submission of an increased use request (application) and all information required under R 323.1098 (Antidegradation) of the Water Quality Standards or b) by written notice if the following conditions are met: 1) the action or activity will not result in a change in the types of wastewater discharged or result in a greater quantity of wastewater than currently authorized by this permit; 2) the action or activity will not result in violations of the effluent limitations specified in this permit; 3) the action or activity is not prohibited by the requirements of Part II.C.10.; and 4) the action or activity will not require notification pursuant to Part II.C.11. Following such written notice, the permit or, if applicable, the facility's COC, may be modified according to applicable laws and rules to specify and limit any pollutant not previously limited.

13. Transfer of Ownership or Control

In the event of any change in ownership or control of facilities from which the authorized discharge emanates, the following requirements apply: Not less than 30 days prior to the actual transfer of ownership or control – for non-CAFOs, or within 30 days of the actual transfer of ownership or control – for CAFOs, the permittee shall submit to the Department via MiEnviro (https://mienviro.michigan.gov/ncore/external/home) a written agreement between the current permittee and the new permittee containing: 1) the legal name and address of the new owner; 2) a specific date for the effective transfer of permit responsibility, coverage and liability; and 3) a certification of the continuity of or any changes in operations, wastewater discharge, or wastewater treatment.

If the new permittee is proposing changes in operations, wastewater discharge, or wastewater treatment, the Department may propose modification of this permit in accordance with applicable laws and rules.

14. Operations and Maintenance Manual

For wastewater treatment facilities that serve the public (and are thus subject to Part 41 of the NREPA), Section 4104 of Part 41 and associated Rule 2957 of the Michigan Administrative Code allow the Department to require an Operations and Maintenance (O&M) Manual from the facility. An up-to-date copy of the O&M Manual shall be kept at the facility and shall be provided to the Department upon request. The Department may review the O&M Manual in whole or in part at its discretion and require modifications to it if portions are determined to be inadequate.

At a minimum, the O&M Manual shall include the following information: permit standards; descriptions and operation information for all equipment; staffing information; laboratory requirements; record keeping requirements; a maintenance plan for equipment; an emergency operating plan; safety program information; and copies of all pertinent forms, as-built plans, and manufacturer's manuals.

PART II

Section C. Reporting Requirements

Certification of the existence and accuracy of the O&M Manual shall be submitted to the Department at least sixty days prior to start-up of a new wastewater treatment facility. Recertification shall be submitted sixty days prior to start-up of any substantial improvements or modifications made to an existing wastewater treatment facility.

15. Signatory Requirements

All applications, reports, or information submitted to the Department in accordance with the conditions of this permit and that require a signature shall be signed and certified as described in the Clean Water Act and the NREPA.

The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

The NREPA (Section 3115(2)) provides that a person who at the time of the violation knew or should have known that he or she discharged a substance contrary to this part, or contrary to a permit, COC, or order issued or rule promulgated under this part, or who intentionally makes a false statement, representation, or certification in an application for or form pertaining to a permit or COC or in a notice or report required by the terms and conditions of an issued permit or COC, or who intentionally renders inaccurate a monitoring device or record required to be maintained by the Department, is guilty of a felony and shall be fined not less than $2,500.00 or more than $25,000.00 for each violation. The court may impose an additional fine of not more than $25,000.00 for each day during which the unlawful discharge occurred. If the conviction is for a violation committed after a first conviction of the person under this subsection, the court shall impose a fine of not less than $25,000.00 per day and not more than $50,000.00 per day of violation. Upon conviction, in addition to a fine, the court in its discretion may sentence the defendant to imprisonment for not more than 2 years or impose probation upon a person for a violation of this part. With the exception of the issuance of criminal complaints, issuance of warrants, and the holding of an arraignment, the circuit court for the county in which the violation occurred has exclusive jurisdiction. However, the person shall not be subject to the penalties of this subsection if the discharge of the effluent is in conformance with and obedient to a rule, order, permit, or COC of the Department. In addition to a fine, the attorney general may file a civil suit in a court of competent jurisdiction to recover the full value of the injuries done to the natural resources of the state and the costs of surveillance and enforcement by the state resulting from the violation.

16. Electronic Reporting

Upon notice by the Department that electronic reporting tools are available for specific reports or notifications, the permittee shall submit electronically via MiEnviro (https://mienviro.michigan.gov/ncore/external/home) all such reports or notifications as required by this permit, on forms provided by the Department.

PART II

Section D. Management Responsibilities

1. Duty to Comply

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit, more frequently than, or at a level in excess of, that authorized, shall constitute a violation of the permit.

It is the duty of the permittee to comply with all the terms and conditions of this permit. Any noncompliance with the Effluent Limitations, Special Conditions, or terms of this permit constitutes a violation of the NREPA and/or the Clean Water Act and constitutes grounds for enforcement action; for permit or COC termination, revocation and reissuance, or modification; or denial of an application for permit or COC renewal.

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

2. Operator Certification

The permittee shall have the waste treatment facilities under direct supervision of an operator certified at the appropriate level for the facility certification by the Department, as required by Sections 3110 and 4104 of the NREPA. Permittees authorized to discharge storm water shall have the storm water treatment and/or control measures under direct supervision of a storm water operator certified by the Department, as required by Section 3110 of the NREPA.

3. Facilities Operation

The permittee shall, at all times, properly operate and maintain all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures.

4. Power Failures

In order to maintain compliance with the effluent limitations of this permit and prevent unauthorized discharges, the permittee shall either:

a. provide an alternative power source sufficient to operate facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit; or

b. upon the reduction, loss, or failure of one or more of the primary sources of power to facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit, the permittee shall halt, reduce or otherwise control production and/or all discharge in order to maintain compliance with the effluent limitations and conditions of this permit.

5. Adverse Impact

The permittee shall take all reasonable steps to minimize or prevent any adverse impact to the surface waters or groundwaters of the state resulting from noncompliance with any effluent limitation specified in this permit including, but not limited to, such accelerated or additional monitoring as necessary to determine the nature and impact of the discharge in noncompliance.

PART II

Section D. Management Responsibilities

6. Containment Facilities

The permittee shall provide facilities for containment of any accidental losses of polluting materials in accordance with the requirements of the Part 5 Rules (R 324.2001 through R 324.2009 of the Michigan Administrative Code). For a POTW, these facilities shall be approved under Part 41 of the NREPA.

7. Waste Treatment Residues

Residuals (i.e. solids, sludges, biosolids, filter backwash, scrubber water, ash, grit, or other pollutants or wastes) removed from or resulting from treatment or control of wastewaters, including those that are generated during treatment or left over after treatment or control has ceased, shall be disposed of in an environmentally compatible manner and according to applicable laws and rules. These laws may include, but are not limited to, the NREPA, Part 31 for protection of water resources, Part 55 for air pollution control, Part 111 for hazardous waste management, Part 115 for solid waste management, Part 121 for liquid industrial wastes, Part 301 for protection of inland lakes and streams, and Part 303 for wetlands protection. Such disposal shall not result in any unlawful pollution of the air, surface waters or groundwaters of the state.

8. Right of Entry

The permittee shall allow the Department, any agent appointed by the Department, or the Regional Administrator, upon the presentation of credentials and, for animal feeding operation facilities, following appropriate biosecurity protocols:

a. to enter upon the permittee's premises where an effluent source is located or any place in which records are required to be kept under the terms and conditions of this permit; and

b. at reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect process facilities, treatment works, monitoring methods and equipment regulated or required under this permit; and to sample any discharge of pollutants.

9. Availability of Reports

Except for data determined to be confidential under Section 308 of the Clean Water Act and Rule 2128 (R 323.2128 of the Michigan Administrative Code), all reports prepared in accordance with the terms of this permit and required to be submitted to the Department shall be available for public inspection via MiEnviro (https://mienviro.michigan.gov/ncore/external/home). As required by the Clean Water Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Clean Water Act and Sections 3112, 3115, 4106 and 4110 of the NREPA.

10. Duty to Provide Information

The permittee shall furnish to the Department via MiEnviro (https://mienviro.michigan.gov/ncore/external/home), within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or the facility's COC, or to determine compliance with this permit. The permittee shall also furnish to the Department, upon request, copies of records required to be kept by this permit.

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

PART II

Section E. Activities Not Authorized by This Permit

1. Discharge to the Groundwaters

This permit does not authorize any discharge to the groundwaters. Such discharge may be authorized by a groundwater discharge permit issued pursuant to the NREPA.

2. POTW Construction

This permit does not authorize or approve the construction or modification of any physical structures or facilities at a POTW. Approval for the construction or modification of any physical structures or facilities at a POTW shall be by permit issued under Part 41 of the NREPA.

3. Civil and Criminal Liability

Except as provided in permit conditions on "Bypass" (Part II.C.9. pursuant to 40 CFR 122.41(m)), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond the permittee's control, such as accidents, equipment breakdowns, or labor disputes.

4. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee may be subject under Section 311 of the Clean Water Act except as are exempted by federal regulations.

5. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act.

6. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize violation of any federal, state or local laws or regulations, nor does it obviate the necessity of obtaining such permits, including any other Department of Environment, Great Lakes, and Energy permits, or approvals from other units of government as may be required by law.