



***STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES***

**PERMIT TO DISCHARGE UNDER THE
WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of Chapter 283, Wisconsin Statutes:

CITY OF SHEBOYGAN

is permitted to discharge storm water from

ALL PORTIONS OF THE MUNICIPAL SEPARATE STORM SEWER SYSTEM

owned or operated by the **City of Sheboygan** to waters of the state in the following watersheds:

**LAKE MICHIGAN
SHEBOYGAN RIVER
PIGEON RIVER
FISHERMAN'S CREEK
BLACK RIVER**

in accordance with the conditions set forth in this permit.

This permit will become effective on the date of signature.

This permit to discharge shall expire at midnight, **July 31, 2010**.

To retain authorization to discharge after this expiration date, an application shall be filed for reissuance of this permit in accordance with the requirements of Chapter NR 216, Wis. Adm. Code, at least 180 days prior to this expiration date.

State of Wisconsin Department of Natural Resources For the Secretary

By

Susan A. Beaumier
Stormwater Specialist

Date of Signature

EFFECTIVE DATE: August 1, 2005
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**GENERAL DESCRIPTION AND PURPOSE OF THE WPDES STORM WATER PERMIT
FOR THE CITY OF SHEBOYGAN**

The City of Sheboygan owns and operates a municipal separate storm sewer system that discharges to waters of the state.

Discharges from storm sewer systems may consist of runoff from rain events or snow melt and fluids from spills or illicit connections. Pollutants of concern found in storm sewer system discharges include organic materials, suspended solids, metals, nutrients, bacteria, pesticides, fertilizer, and traces of toxic materials.

This WPDES permit regulates discharges from the City of Sheboygan's municipal separate storm sewer system in accordance with s. 283.33, Wis. Stats., and ch. NR 216, Wis. Adm. Code. The permit requirements are intended to restore and maintain the chemical, physical, and biological integrity of waters of the state through pollution prevention and storm water management of urban runoff.

PART I. APPLICABILITY

- A. **PERMITTED AREA:** This permit covers all areas within the jurisdiction of the City of Sheboygan that contribute to discharges from the municipal separate storm sewer systems owned or operated by the City of Sheboygan. Municipal separate storm sewer system means a conveyance or system of conveyances designed or used for the collection or conveyance of storm water. These include, but are not limited to; storm sewers, roads with drainage systems, municipal streets, catch basins, inlets, curbs, gutters, ditches, constructed channels or storm drains.
- B. **AUTHORIZED DISCHARGES:** This permit authorizes storm water point source discharges to waters of the state from the municipal separate storm sewer systems in the permitted area. This permit also authorizes the discharge of storm water commingled with flows contributed by process wastewater, non-process wastewater, and storm water associated with industrial activity, provided the discharges are regulated by other WPDES permits or are discharges which are not considered illicit discharges.
- C. **WATER QUALITY STANDARDS:** This permit specifies the conditions under which storm water can be discharged to waters of the state for the purpose of achieving water quality standards contained in chs. NR 102 through 105, Wis. Adm. Code. For the term of this permit, compliance with water quality standards will be addressed by adherence to general narrative-type storm water discharge limitations and implementation of storm water management programs and practices. If the Department of Natural Resources (Department) determines that the discharge of storm water from a permittee's Municipal Separate Storm Sewer System (MS4) contributes to an exceedence of any applicable water quality standard, the Department may require the permittee to develop an action plan to adequately address the identified water quality concern, or submit valid and verifiable data and information that are representative of ambient conditions to indicate that the receiving water is attaining the water quality standard.
- D. **GENERAL STORM WATER DISCHARGE LIMITATIONS:** The City of Sheboygan may not discharge the following substances from the municipal separate storm sewer systems in amounts that have an unreasonable effect on receiving water quality or aquatic life:
1. Solids that may settle to form putrescence or otherwise objectionable sludge deposits.
 2. Oil, grease, and other floating material that form noticeable accumulations of debris, scum, foam, or sheen.
 3. Color or odor that is unnatural and to such a degree as to create a nuisance.
 4. Toxic substances in amounts toxic to aquatic life, wildlife, or humans.
 5. Nutrients conducive to the excessive growth of aquatic plants and algae to the extent that such growths are detrimental to desirable forms of aquatic life, create conditions that are unsightly, or are a nuisance.
 6. Any other substances that may impair, or threaten to impair, beneficial uses of the receiving water.
- E. **INDIVIDUAL RESPONSIBILITY:** The City of Sheboygan is responsible for:
1. Compliance with conditions of this permit relating to discharges from those portions of the municipal separate storm sewer system where the municipality is the owner or operator.
 2. Storm water management program implementation, as required by this permit, on portions of the City that drain to its municipal separate storm sewer system where it is the owner or operator.
 3. All other activities required by this permit.

Part II. INDIVIDUAL CONDITIONS

A. PUBLIC EDUCATION AND OUTREACH: The City of Sheboygan shall continue existing public education and outreach programs to increase the awareness of stormwater impacts on waters of the state to encourage changing public behavior to reduce such impacts. The City of Sheboygan shall establish measurable goals for its public education program. The ongoing program shall, at least once per year, address each of the following elements:

Note: Previously called Information and Education

1. Promote detection and elimination of illicit discharges and water quality impacts associated with discharges of pollution into municipal separate storm sewer systems. This may include storm water inlet stenciling, neighborhood storm watches, and hot lines to report dumping.
2. Inform and educate the public to facilitate the proper management of materials that may cause storm water pollution from sources including automobiles, pets, household hazardous waste and household practices.
3. Promote beneficial onsite reuse of leaves and grass clippings and proper use of lawn and garden fertilizers and pesticides.
4. Promote the management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways.
5. Promote infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks.
6. Inform and educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities.
7. Inform and educate lawn care companies and restaurants on methods of storm water pollution prevention.
8. Promote environmentally sensitive land development designs by developers and designers.

B. ILLICIT DISCHARGE DETECTION AND ELIMINATION: The City of Sheboygan shall continue a program to detect and remove illicit connections and discharges to the municipal separate storm sewer system. The City of Sheboygan shall establish measurable goals for illicit discharge detection and elimination program. The program shall include:

1. The Illicit Discharge and Connection Stormwater Ordinance to prevent and eliminate illicit discharges and connections to the municipal separate storm sewer system. At a minimum, the City shall continue to enforce the Illicit Discharge and Connection Stormwater Ordinance to:
 - a. Prohibit the discharge, spill or dumping of non-storm water substances or material into waters of the state or the storm sewer system.
 - b. Identify non-storm water discharges or flows that are not considered illicit discharges. Non-storm water discharges that are not considered illicit discharges including water line flushing, landscape irrigation, diverted stream flows, uncontaminated groundwater infiltration, uncontaminated pumped groundwater, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, fire fighting and discharges authorized under a WPDES permit unless identified by the permittee as significant source of pollutants to waters of the state.
 - c. Maintain inspection and enforcement authority.
2. On-going dry weather field screening of outfalls during the term of the permit. Outfalls will be evaluated on an on-going basis at a minimum of **once per year at all major outfalls** during dry weather periods

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(typically 72 hours after any measurable rainfall) or as approved alternative by the Department. At a minimum, field screening shall include:

- a. Visual Observation - A narrative description of visual observations including color, odor, turbidity, oil sheen or surface scum, flow rate and any other relevant observations regarding the potential presence of non-storm water discharges or illegal dumping. (Include narrative in annual report)
 - b. Field Analysis - If flow is observed, one grab sample will be tested at each location using a field test kit to determine the presence of illicit non-storm water discharges or illegal dumping. The test kit will provide approximate readings for pH, total chlorine, total copper, total phenols, and detergents or surfactants.
 - i. Field screening points shall, where possible, be located downstream of any source of suspected illegal or illicit activity.
 - ii. Field screening points shall be located where practicable at the farthest manhole or other accessible location downstream in the system. Safety of personnel and accessibility of the location shall be considered in making this determination.
 - iii. Consideration shall be given to hydrological conditions, total drainage area of the site, population density of the site, traffic density, age of the structures or building in the area, history of the area and land use types.
3. Procedures for responding to known or suspected illicit discharges. At a minimum, procedures shall continue to:
- a. Immediately investigate portions of the municipal separate storm sewer system that, based on the results of field screening or other information, indicate a reasonable potential for containing illicit discharges or other sources of non-storm water discharges.
 - b. Responding to spills that discharge into and/or from the municipal separate storm sewer system including tracking the source of the spill if unknown.
 - c. Preventing and containing spills that may discharge into or are already within the municipal separate storm sewer system.
 - d. Notifying the Department in accordance with ch. NR 706, Wis. Adm. Code, in the event that the permittee identifies a spill or release of a hazardous substance, which results in the discharge of pollutants into waters of the state. The Department shall be notified via the 24-hour toll free spill hotline at 1-800-943-0003. The permittee shall cooperate with the Department in efforts to investigate and prevent such discharges from polluting waters of the state.
 - e. Identified illicit discharges shall be eliminated within three working days to the maximum extent practicable.
 - f. Eliminating or minimizing leakage from sanitary conveyance systems into the municipal separate storm sewer system.
 - g. Providing the Department with advance notice of the time and location of dye testing within a MS4. (Because the dye may get reported to the Department as an illicit discharge or spill, the Department requires prior notification of dye testing.)

- C. CONSTRUCTION SITE POLLUTANT CONTROL. The City of Sheboygan shall continue a program to control erosion and sediment from construction sites and establish measurable goals for its construction site pollutant control program.
1. The City shall:
 - a. Only approve plans with design criteria, standards and specifications that meet the technical standards approved by the Department.
 - b. Enforce construction site performance standards in ss. NR 151.11 and 151.23.
 - c. Only approve erosion and sediment control plan requirements that are in compliance with Sheboygan's ordinance.
 - d. Enforce permitting requirements, procedures and fees.
 - e. Maintain inspection and enforcement authority.
 2. Procedures for construction site inspection and enforcement of erosion and sediment control measures shall include monthly construction site inspection, documentation and enforcement if violations occur.
- D. POST-CONSTRUCTION STORM WATER MANAGEMENT. The City of Sheboygan shall continue a program to control the quantity and quality of discharges from areas of new development and redevelopment, after construction is completed. The City of Sheboygan shall establish measurable goals for its post-construction storm water management program. The city shall continue to implement:
1. The Stormwater Management Ordinance to regulate post-construction storm water discharges from new development and re-development. At a minimum, the City shall enforce:
 - a. Applicability and jurisdiction.
 - b. Design criteria, standards and specifications equivalent to the technical standards approved by the Department.
 - c. Minimum post-construction performance standards as established in ss. NR 151.12 and 151.24, Wis. Adm. Code.
 - d. Storm water plan requirements.
 - e. Permitting requirements, procedures and fees.
 - f. Long-term maintenance requirements.
 - g. Enforcement authority.
 2. Procedures that will be used to ensure the long-term maintenance of storm water management facilities.

- E. **POLLUTION PREVENTION:** The City of Sheboygan shall continue a pollution prevention program and establish measurable goals which includes:
1. Routine inspection and maintenance of municipally owned or operated structural storm water management facilities.
 2. Each catch basin will be cleaned one time per year or as needed (when they reach 40% capacity).
 3. Sweeping the streets in the critical areas once per week and all others once per month, beginning around March 1 and ending by November.
 4. Proper disposal of street sweeping and catch basin cleaning waste.
 5. Application of road salt to the minimum amount necessary to maintain public safety.
 6. Proper collection and disposal of leaves and grass clippings.
 7. Storm water pollution prevention planning for municipal garages, storage areas and other municipal sources of storm water pollution, including quarterly inspections of all department of public work yards.
 8. Application of lawn and garden fertilizers on municipally controlled properties, with pervious surfaces over 5 acres each, in accordance with a site-specific nutrient application schedule based on appropriate soil tests.
- F. **STORM WATER QUALITY MANAGEMENT:** The City of Sheboygan shall continue a municipal storm water management program. The storm water management program shall achieve compliance with the developed urban area performance standards of s. NR 151.13(2), Wis. Adm. Code, for those areas of the municipality that were not subject to the post-construction performance standards of ss. NR 151.12 or 151.24, Wis. Adm. Code.(Note: projects prior to Oct. 1, 2004). The program shall continue:
1. Implementation of storm water management practices necessary to achieve a 20% reduction in the annual average mass of total suspended solids discharging from the municipal separate storm sewer system to waters of the state as compared to no controls, to the maximum extent practicable, by October 1, 2008. (Please note that by Oct. 1, 2013 the requirement for reduction of total suspended solids will be 40%)
 2. Assessment of compliance with s. NR 151.13(2), Wis. Adm. Code, by conducting a pollutant-loading analysis using a model such as SLAMM, P8 or equivalent methodology approved by the Department. At a minimum, the average annual total suspended solids and phosphorus loads shall be determined for the cumulative discharge from all outfalls for the controls and no controls conditions. Additionally, pollutant loads for grouped drainage areas as modeled shall be reported. The modeling shall calculate the theoretical annual average mass of total suspended solids generated for the entire area served by a municipal separate storm sewer system within the permittee's jurisdiction with no controls or BMPs applied. Modeling to reflect the current state of controls and BMPs shall be judged against the no controls condition to determine the percent of reduction. A storm water infiltration system is considered to be a control and/or BMP. Controls and BMPs that exist at the time of permit issuance may be used to achieve this reduction. This pollutant level reduction applies to total suspended solids only. Areas that are or were subject to the requirements of subch. III of NR 151, Wis. Adm. Code, shall not be included in the calculation to meet this reduction. If the assessment of compliance indicates that compliance with s. NR 151.13(2), Wis. Adm. Code, will not be achieved by October 1, 2008, a compliance plan and schedule shall be developed.

- G. STORM SEWER SYSTEM MAP. The City of Sheboygan shall maintain a current municipal separate storm sewer system map. The municipal storm sewer system map shall include:
1. Identification of waters of the state, watershed boundaries, storm water drainage basin boundaries and municipal separate storm sewer conveyance systems.
 2. Identification of all known municipal storm sewer system outfalls discharging to waters of the state or other municipal separate storm sewer systems. Major outfalls shall be uniquely identified.
 3. Location of any known discharge to the municipal separate storm sewer system that has been issued a WPDES permit by the Department.
 4. Location of municipally owned or operated structural storm water facilities including detention basins, infiltration basins, and manufactured treatment devices.
 5. Identification of publicly owned parks, recreational areas and other open lands.
 6. Location of municipal garages and other public works facilities.
- H. ANNUAL REPORT. The City of Sheboygan shall submit an annual report for each calendar year. The municipal governing body, interest groups and the general public shall be encouraged to review and comment on the annual report. The annual report shall include:
1. The status of implementing the permit requirements and compliance with permit schedules.
 2. Updated storm sewer system maps, where necessary, to identify any new outfalls, structural controls, or other note worthy changes.
 3. A summary describing:
 - a. The number and nature of inspections and enforcement actions conducted to ensure compliance with the required ordinances.
 - b. Public education programs for each of the eight areas.
 - c. Spill responses.
 - d. Street sweeping frequency and the amount collected.
 - e. Catch basin cleaning frequency and the amount collected.
 - f. Any other activities that have measurable results.
 4. A summary of revisions made to the stormwater management plan.
 5. Proposed revisions to the stormwater management program.
 6. A fiscal analysis which includes the annual expenditures and budget for the reporting year, and the budget for the next year.
 7. Identification of water quality improvements or degradation as perceived by the City of Sheboygan.
 8. A duly authorized representative of each municipality shall sign and certify the annual report and include a statement or resolution that the municipal governing body or delegated representatives have reviewed or been appraised of the content of the annual report. A signed copy of the annual report and other required reports shall be submitted to the DNR Milwaukee Service Center, 2300 North Dr. Martin Luther King Jr.

Drive, Milwaukee, WI 53212.

PART III. COMPLIANCE SCHEDULE

The **City of Sheboygan** shall achieve compliance with the special permit conditions contained in Parts II and III in accordance with the following schedule:

PERMIT CONDITION	ACTIVITY	DUE DATE
Public Education and Outreach - Part II.A	Address the eight elements	Minimum of one time per year
Illicit Discharge Detection and Elimination - Part III.B	1. Dry weather field screening of outfalls	Minimum of once per year
	2. Enforce the Illicit Discharge and Connection Stormwater Ordinance	Ongoing
Construction Site Pollutant Control - Part III.C	1. Enforce the Construction Site Pollutant Control Ordinance	Ongoing
	2. Construction site inspection, documentation, and enforcement	Monthly - Ongoing
Post-Construction Storm Water Management - Part III.D	1. Enforce the Post-Construction Stormwater Management Ordinance	Ongoing
	2. Continue procedures for long-term maintenance procedures	Ongoing
Pollution Prevention - Part III.E	1. Inspection and maintenance of municipal owned or operated structural stormwater management facilities	Ongoing
	2. Catch basin cleaning	One time per year and as needed - Ongoing
	3. Street sweeping	Critical areas – once per week All others – once per month Ongoing
	4. Proper collection and disposal of leaves and grass clippings	Ongoing
	5. Inspections of all department of public work yards	Quarterly - Ongoing
	6. Application of lawn and garden fertilizers on municipally controlled properties, with pervious surfaces over 5 acres each, in accordance with a site-specific nutrient application schedule based on appropriate soil tests	Ongoing
Storm Water Quality Management - Part IV.F	1. 20% reduction in total suspended solids in runoff that enters waters of the state, to the maximum extent practicable	October 1, 2008
	2. 40% reduction in total suspended solids in runoff that enters waters of the state, to the maximum extent practicable	October 1, 2013
Storm Sewer System Map - Part III.G	Maintain a current storm sewer system map	Ongoing
Annual Report - Part III.H	Submit annual reports	March 31, 2006
		March 31, 2007
		March 31, 2008
		March 31, 2009
	Submit new application	March 31, 2010
	Submit new application	February 1, 2010

PART IV. GENERAL CONDITIONS

The conditions in s. NR 205.07(1) and (3), Wis. Adm. Code, are included by reference in this permit. The City of Sheboygan shall be responsible for meeting these requirements. Some of these requirements are outlined below in paragraph A. through R. Requirements not specifically outlined below can be found in s. NR 205.07(1) and (3), Wis. Adm. Code.

- A. **DUTY TO COMPLY:** The municipality shall comply with all conditions of the permit. Any permit noncompliance is a violation of the permit and is grounds for enforcement action, permit revocation or modification, or denial of a permit reissuance application.
- B. **COMPLIANCE SCHEDULES:** Reports of compliance or noncompliance with interim and final requirements contained in any compliance schedule of the permit shall be submitted in writing within 14 days after the schedule date, except that progress reports shall be submitted in writing on or before each schedule date for each report. Any report of noncompliance shall include the cause of noncompliance, a description of remedial actions taken, and an estimate of the effect of the noncompliance on the municipality's ability to meet the remaining schedule dates.
- C. **NONCOMPLIANCE NOTIFICATION:**
 - 1. Upon becoming aware of any permit noncompliance that may endanger public health or the environment, the municipalities shall report this information by a telephone call to the Department within 24 hours. A written report describing the noncompliance shall be submitted to the Department within 5 days after the municipalities became aware of the noncompliance. The Department may waive the written report on a case-by-case basis based on the oral report received within 24 hours. The written report shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and if the noncompliance has not been corrected, the length of time it is expected to continue.
 - 2. Reports of any other noncompliance not covered under General Condition's B., C.1, or E. shall be submitted with the annual report. The reports shall contain all the information listed in General Condition C.1.
- D. **DUTY TO MITIGATE:** The municipality shall take all reasonable steps to minimize or prevent any adverse impact on the waters of the state resulting from noncompliance with the permit.
- E. **SPILL REPORTING:** The municipality shall notify the Department, in accordance with ch. NR 706, Wis. Adm. Code, in the event of a spill or accidental release of hazardous substances which results in a discharge of pollutants into waters of the state. The Department shall be notified via the 24-hour spill hotline (1-800-943-0003).
- F. **PROPER OPERATION AND MAINTENANCE:** The municipality shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the municipalities to achieve compliance with the conditions of the permit and the storm water management plan.
- G. **BYPASS:** The municipality may temporarily bypass storm water treatment facilities if necessary for maintenance, or due to runoff from a storm event which exceeds the design capacity of the treatment facility, or during an emergency.
- H. **DUTY TO HALT OR REDUCE ACTIVITY:** Upon failure or impairment of best management practices identified in the storm water management program, the municipalities shall, to the extent practicable and necessary to maintain permit compliance, modify or curtail operations until the best management practices are restored or an alternative method of storm water pollution control is provided.

- I. **REMOVED SUBSTANCES:** Solids, sludges, filter backwash or other pollutants removed from or resulting from treatment or control of storm water shall be stored and disposed of in a manner to prevent any pollutant from the materials from entering the waters of the state, and to comply with all applicable Federal, State, and Local regulations.
- J. **ADDITIONAL MONITORING:** If a municipality monitors any pollutant more frequently than required by the permit, the results of that monitoring shall be recorded and reported in accordance with this chapter. Results of this additional monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
- K. **INSPECTION AND ENTRY:** The municipality shall allow an authorized representative of the Department, upon the presentation of credentials, to:
1. Enter upon the municipal premises where a regulated facility or activity is located or conducted, or where records are required under the conditions of the permit.
 2. Have access to and copy, at reasonable times, any records that are required under the conditions of the permit.
 3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under the permit.
 4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance, any substances or parameters at any location.
- L. **DUTY TO PROVIDE INFORMATION:** The municipality shall furnish the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking or reissuing the permit or to determine compliance with the permit. The municipalities shall also furnish the Department, upon request, copies of records required to be kept by the municipality.
- M. **PROPERTY RIGHTS:** The permit does not convey property rights of any sort, or any exclusive privilege. The permit does not authorize any injury or damage to private property or an invasion of personal rights, or any infringement of federal, state or local laws or regulations.
- N. **DUTY TO REAPPLY:** If the **City of Sheboygan** wishes to continue an activity regulated by the permit after the expiration date of the permit, the **City of Sheboygan** shall apply for a new permit at least 180 days prior to the expiration date of the permit. If the permit is not reissued by the time the existing permit expires, the existing permit remains in effect.
- O. **OTHER INFORMATION:** Where the municipality 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 correct information to the department.
- P. **RECORDS RETENTION:** The municipality shall retain records of all monitoring information, copies of all reports required by the permit, and records of all data used to complete the application for the permit for a period of at least 5 years from the date of the sample, measurement, report or application. The Department may request that this period be extended by issuing a public notice to modify the permit.
- Q. **PERMIT ACTIONS:** As provided in s. 283.53, Wis. Stats., after notice and opportunity for a hearing the permit may be modified or revoked and reissued for cause. If the municipalities file a request for a permit modification, revocation or reissuance, or a notification of planned changes or anticipated noncompliance, this action by itself does not relieve the municipalities of any permit condition.
- R. **SIGNATORY REQUIREMENT:** All applications, reports or information submitted to the Department shall be signed for by a ranking elected official, or other person authorized by them who has responsibility for the overall operation of the municipal separate storm sewer system and storm water management program activities regulated by the permit. The representative shall certify that the information was gathered and prepared under their supervision and based on inquiry of the people directly under their supervision that, to the best of their knowledge,

the information is true, accurate, and complete.

PART V. DEFINITIONS

Definitions for some of the terms found in this permit are as follows:

Controls Condition means a pollutant-loading analysis that includes pollutant reductions from storm water management practices.

Department means Department of Natural Resources.

Illicit Connection means any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer system.

Illicit Discharge means any discharge to a municipal separate storm sewer system that is not composed entirely of storm water except discharges authorized by a WPDES permit or other discharge not requiring a WPDES permit such as water line flushing, landscape irrigation, individual residential car washing, fire fighting and similar discharges.

Infiltration means the entry and movement of precipitation or runoff into or through soil.

Major Outfall means a municipal separate storm sewer outfall that meets one of the following criteria:

1. A single pipe with an inside diameter of 36 inches or more or equivalent conveyance (cross sectional area of 1,018 square inches) which is associated with a drainage area of more than 50 acres.
2. A single pipe with an inside diameter of 12 inches or more or equivalent conveyance (cross sectional area of 113 square inches) which receives runoff from land zoned for industrial activity and is associated with a drainage area of more than 2 acres.

Maximum Extent Practicable means a level of implementing management practices in order to achieve a performance standard specified in ch. NR 151, Wis. Adm. Code, which takes into account the best available technology, cost effectiveness and other competing issues such as human safety and welfare, endangered and threatened resources, historic properties and geographic features.

Outfall means the point at which storm water is discharged to waters of the state or leaves one municipality and enters another.

No Controls Condition means a pollutant-loading analysis that does not include pollutant reductions from storm water management practices.

Riparian Landowners are the owners of lands bordering lakes and rivers.

Storm Water Management Practice means structural or non-structural measures, practices, techniques or devices employed to avoid or minimize soil, sediment or pollutants carried in runoff to waters of the state.

Storm Water Pollution Prevention Planning refers to the development of a site-specific plan that describes the measures and controls that will be used to prevent and/or minimize pollution of storm water.

Structural Storm Water Management Facilities are engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins and grassed swales.

Waters of the State include surface waters, groundwater and wetlands.