



# WPDES PERMIT

## STATE OF WISCONSIN

### DEPARTMENT OF NATURAL RESOURCES

#### GENERAL PERMIT TO DISCHARGE UNDER THE WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of Chapter 283, Wisconsin Statutes, any facility that meets the applicability criteria listed in this permit and receives a letter from the Department granting coverage under this permit is permitted to discharge a

### SHORT DURATION DISCHARGE

to State of Wisconsin surface waters, groundwater, or both in accordance with the effluent limitations, monitoring and reporting requirements, and other conditions set forth in this permit.

State of Wisconsin Department of Natural Resources  
For the Secretary

By *Susan Sylvester*  
Susan Sylvester  
Director, Bureau of Water Quality

*December 20, 2014*  
Date Permit Signed/Issued

PERMIT TERM: EFFECTIVE DATE - January 1, 2015

EXPIRATION DATE - December 31, 2019

# 1 Applicability Criteria

## 1.1 Facilities Covered

This permit applies only to discharges that meet all of the following conditions:

- The discharge occurs over a period, beginning on the first day of discharge and ending on the last day of discharge, of 90 days or less and only one period of discharge occurs in any 12-consecutive-month period;
- The discharge does not occur in consecutive years;
- The discharge complies with ch. NR 214, Wis. Adm. Code, when applicable; and
- The discharge has been determined by the Department to be appropriately regulated by this permit.

The Department may allow an extension of discharge duration and frequency criteria specified above for discharges that result solely for research purposes under the conditions that the applicant provides a research proposal to the Department in advance of initiating the discharge and a final report summarizing the results of the research.

## 1.2 Facilities Not Covered:

This permit does not apply to discharges that meet any of the following conditions:

- The discharge is a spill, bypass, or overflow;
- The discharge contains domestic wastewater;
- The discharge will be to a wetland and the Department has determined that the discharge of pollutants will not meet the requirements of ch. NR 103, Wis. Adm. Code;
- The discharge will be to an outstanding resource water, as defined in s. NR 102.10, Wis. Adm. Code, or will lower the water quality of a downstream outstanding resource water;
- The discharge will be to an exceptional resource water, as defined in s. NR 102.11, Wis. Adm. Code, or will lower the water quality of a downstream exceptional resource water;
- The discharge will require a categorical effluent limitation pursuant to s. 283.13 (2), Wis. Stats., and ch. NR 220, Wis. Adm. Code, or a technology-based effluent limitation pursuant to subch. II, ch. NR 217, Wis. Adm. Code;
- The discharge will contain pollutants, including heat, in quantities that must be limited to prevent harm to animal, plant, or aquatic life, would require a water quality-based effluent limitation pursuant to chs. NR 102, NR 104, NR 105, NR 106, NR 207 or NR 217, Wis. Adm. Code, or would violate a groundwater quality standard in ch. NR 140, Wis. Adm. Code; or
- The discharge includes a pollutant of concern to an impaired water body unless the discharge is consistent with a State and federally approved total maximum daily load (TMDL) allocation for the impaired water body.

## 1.3 Determination of Coverage

Until the Department issues a letter of determination that grants coverage for discharge, the discharge is not authorized under this permit and may not be initiated. Unless the letter specifies otherwise, coverage under this permit commences on the date of the letter and ends 90 days from the date of the letter. The Department may specify a period of coverage shorter than 90 days in the letter.

# 2 Requirements for all Covered Facilities

## 2.1 Submittal of Monitoring Results

Monitoring results required by this permit shall be submitted to the Department office identified in the letter granting coverage, and in a form and manner established by the letter. Monitoring results shall be submitted to the Department by the 15<sup>th</sup> day of the month following the month during which the last day of discharge occurred unless the letter granting coverage specifies earlier reporting of monitoring results.

If the permittee monitors any parameter more frequently than required by this permit, the monitoring results shall also be submitted to the Department.

## 2.2 Noncompliance Reporting

The permittee shall report any violation of a maximum discharge limitation for any of the pollutants listed in this permit by a telephone call to the Department's regional office within 24 hours after becoming aware of the noncompliance.

A written report describing the noncompliance shall also be submitted to the Department within 5 days after the permittee becomes aware of the noncompliance. 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.

## 2.3 Water Treatment Additives

Consistent with Section 1.2, discharges containing water treatment additives shall not discharge the additive at a rate that requires a water quality-based effluent limitation pursuant to chs. NR 102, NR 104, NR 105, NR 106, NR 207 or NR 217, Wis. Adm. Code, for surface water discharges, and ch. NR 140, Wis. Adm. Code, for groundwater discharges.

The permittee shall submit a request and receive written approval from the Department prior to initiating use of an additive or increasing the usage rate of an additive other than the additives and usage rates listed in the request for coverage under this permit.

## 2.4 Planned Changes

The permittee shall submit a request for coverage and receive from the Department a letter granting coverage prior to any facility expansion, production increase, process modifications or any other change which would result in new, different or increased discharges of pollutants.

# 3 Monitoring Requirements and Effluent Limitations

## 3.1 Surface Water Discharges

Discharges to surface waters shall meet the requirements outlined in this section of the permit. Samples taken in compliance with the monitoring requirements specified in the following table shall be representative of the discharge and shall be taken at each outfall following treatment, when treatment is provided, and prior to discharge to surface waters.

Parameter	Effluent Limitations	Sample Frequency	Sample Type	Notes
Flow Rate (gallons per day)	—	Monthly	Estimated	See Sections 3.1.1 and 3.1.2
BOD <sub>5</sub> , Total	40 mg/L Daily Maximum	Monthly	Grab	
Suspended Solids, Total	40 mg/L Daily Maximum	Monthly	Grab	
Oil and Grease (Hexane)	15 mg/L Daily Maximum	Monthly	Grab	
pH	6.0 s.u. Daily Minimum 9.0 s.u. Daily Maximum	Monthly	Grab	
Phosphorus, Total	—	Monthly	Grab	
Temperature, Maximum	—	Monthly	Grab	

### 3.1.1 Sample Types

An “estimated” sample type means a reasonable approximation of the average daily flow based on a water balance, an uncalibrated weir, calculations from the velocity and cross section of the discharge, intake water meter readings, discharge water meter readings, or any other method approved by the Department. A “grab” sample type means a

single sample taken at one moment of time or a combination of several smaller samples of equal volume taken in less than a two-minute period.

**3.1.2 Maximum Temperature Monitoring and Reporting**

If temperature is monitored more than once during the day, report on the discharge monitoring report the maximum temperature measured during the day.

**3.2 Discharge to Groundwater**

Discharges to groundwater shall meet the requirements outlined in this section of the permit. Samples taken in compliance with the monitoring requirements specified in the following table shall be representative of the discharge and shall be taken at each outfall following treatment, when treatment is provided, prior to discharge to groundwater.

Parameter	Effluent Limitations	Sample Frequency	Sample Type	Notes
Flow Rate (gallons per day)	—	Monthly	Estimated	See Section 3.2.1
Oil and Grease (Hexane)	15 mg/L Daily Maximum	Monthly	Grab	

**3.2.1 Sample Types**

An “estimated” sample type means a reasonable approximation of the average daily flow based on a water balance, an uncalibrated weir, calculations from the velocity and cross section of the discharge, intake water meter readings, discharge water meter readings, or any other method approved by the Department. A “grab” sample type means a single sample taken at one moment of time or a combination of several smaller samples of equal volume taken in less than a two-minute period.

## 4 Standard Requirements

All facilities covered by this permit shall meet the following requirements.

### 4.1 Chapter NR 205, Wisconsin Administrative Code

The conditions in ss. NR 205.07(1) and NR 205.07(3), with the exception of s. NR 205.07(1)(n), Wis. Adm. Code, are included by reference in this permit. The permittee shall comply with all of these requirements. Some of the requirements are outlined below.

### 4.2 Water Quality Sampling and Testing Procedures

Effluent sampling and laboratory testing procedures shall be performed as specified in s. NR 205.07(1)(p), ch. NR 218 and ch. NR 219, Wis. Adm. Code, and shall be performed by a laboratory certified or registered in accordance with the requirements of ch. NR 149, Wis. Adm. Code. Analytical methods used shall enable the laboratory to quantitate all substances for which monitoring is required at levels below the effluent limitation. If the required level cannot be met by any of the methods available in NR 219, Wis. Adm. Code, then the method with the lowest limit of detection shall be selected.

### 4.3 Recording of Results

The permittee shall maintain records which provide the following information for each effluent measurement or sample taken:

- the date, exact place, method and time of sampling or measurements;
- the individual who performed the sampling or measurements;
- the date the analysis was performed;
- the individual who performed the analysis;
- the analytical techniques or methods used; and
- the results of the analysis.

### 4.4 Reporting of Monitoring Results

The permittee shall use the following conventions when reporting effluent monitoring results:

- pollutant concentrations less than the method's limit of detection (non-detects) shall be reported as < (less than) the value of the limit of detection; and
- pollutant concentrations equal to or greater than the limit of detection, but less than the limit of quantitation, shall be reported and the limit of quantitation shall be specified.

### 4.5 Records Retention

The permittee shall retain records of all monitoring information for a period of at least 3 years from the date of the sampling or measurement.

### 4.6 Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in its request for coverage for this permit or submitted incorrect information to the Department, it shall promptly submit such facts or correct information to the Department.

### 4.7 Bypassing

Any bypass is prohibited and the Department may take enforcement action against a permittee for such occurrences under s. 283.89, Wis. Stats. "Bypass" means the intentional diversion of waste streams from any portion of a wastewater treatment facility.

### 4.8 Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of this permit.

## 4.9 Spill Reporting

The permittee shall notify the Department in accordance with ch. NR 706, Wis. Adm. Code, in the event that a spill or accidental release of any material or substance results in the discharge of pollutants to the waters of the state at a rate or concentration greater than the effluent limitations established in this permit, or the spill or accidental release of the material is unregulated in this permit, unless the spill or release of pollutants has been reported to the Department in accordance with s. NR 205.07 (1)(s), Wis. Adm. Code.

NOTE: Section 292.11(2)(a), Wis. Stats., requires any person who possesses or controls a hazardous substance or who causes the discharge of a hazardous substance to notify the Department immediately of any discharge not authorized by the permit. The discharge of a hazardous substance that is not authorized by this permit or that violates this permit may be a hazardous substance spill. To report a hazardous substance spill, call DNR's 24-hour HOTLINE at 1-800-943-0003.

## 4.10 Duty to Halt or Reduce Activity

Upon failure or impairment of treatment facility operation, the permittee shall, to the extent necessary to maintain compliance with its permit, curtail production or wastewater discharges or both until the treatment facility operations are restored or an alternative method of treatment is provided.

## 4.11 Surface Water Uses and Criteria

In accordance with NR 102.04, Wis. Adm. Code, practices attributable to industrial, commercial, domestic, agricultural, land development or other activities shall be controlled so that all surface waters including the mixing zone meet the following conditions at all times and under all flow and water level conditions:

- There shall be no discharge of floating solids or visible foam in other than trace amounts to surface waters.
- Substances that will cause objectionable deposits on the shore or in the bed of a body of water, shall not be present in such amounts as to interfere with public rights in waters of the state.
- Floating or submerged debris, oil, scum or other material shall not be present in such amounts as to interfere with public rights in waters of the state.
- Materials producing color, odor, taste or unsightliness shall not be present in such amounts as to interfere with public rights in waters of the state.
- Substances in concentrations or in combinations which are toxic or harmful to humans shall not be present in amounts found to be of public health significance, nor shall substances be present in amounts which are acutely harmful to animal, plant or aquatic life.