

# Stormwater Pollution Prevention Plan (SWPPP)

Indiana General Permit for Stormwater Discharges  
Associated with Industrial Activity

Sonoco Flexible Packaging  
6502 South U.S Highway 31  
Edinburgh, Indiana 46124

Revision 2.0  
January 2022

Customer # 3393

Prepared by:



**Cornerstone**  
ENVIRONMENTAL HEALTH AND SAFETY, INC  
ISO 9001:2015 REGISTERED QUALITY SYSTEM

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## FOREWORD

This Stormwater Pollution Prevention Plan (SWPPP) has been prepared to comply with Indiana's *General Permit for Stormwater Discharges Exposed to Industrial Activity* in accordance with Indiana Administrative Code, Title 327, Article 15, Rule 6 [Title 327 IAC 15-6].

The purpose of the SWPPP is to operate and maintain the permitted facility in such a manner that exposure of stormwater to potential sources of significant pollutant material is minimized.

This SWPPP must be reviewed by the management of the facility and accepted as an operating plan, the implementation of which must be completed within 365 days from the date of the Notice of Intent (NOI) submittal.

## WARRANTY

The basis for this SWPPP is information provided by the customer for its specific facility. Cornerstone Environmental, Health and Safety, Inc. has exercised due diligence in analyzing the information and compiling the information and recommendations into this plan.

The responsibility and liability for the accuracy and completeness of the input data remains solely with the provider (the customer) of the information.

Requests for unusual additions or corrections, or requests for representation or attendance at meetings for the purpose of discussion of the information contained in the Plan; such will be subject to negotiation for additional remuneration beyond that included in the initial contract.

Note: This document contains forms which correspond to specific regulatory compliance requirements contained within this plan. It is the responsibility of the user to ensure that he/she uses the most up-to-date version of any/all forms.

## 1.0 PURPOSE AND SCOPE

In 1972, Congress passed significant amendments to the Federal Water Pollution Control Act (commonly referred to as the Clean Water Act or CWA) to prohibit the discharge of any pollutant to waters of the United States from a point source, unless the discharge was authorized by a National Pollutant Discharge Elimination System (NPDES) permit. NPDES permits specify monitoring, reporting and control requirements, including allowable levels of pollutants in discharges.

Industrial process discharges and sewage outfalls were easily identified as responsible for poor water quality conditions. However, it became evident that more diffuse sources of water pollution were also major causes of water quality problems. In 1987, the Clean Water Act was revised by adding Section 402(p) to address stormwater. Under the act the EPA was required to establish NPDES permit application requirements for stormwater discharges associated with industrial activity and municipal separate systems. On November 16, 1990, the EPA issued regulations establishing permit application requirements. These regulations are primarily contained in Part 122.26, Title 40 of the Code of Federal Regulations.

The State of Indiana became an NPDES-delegated state in 1992 and assumed jurisdiction over the stormwater permit program for facilities in Indiana. The Indiana General Permit for Stormwater Discharges Exposed to Industrial Activity is required for facilities that have industrial activities classified under SIC codes or facility types established in 327 IAC 15-6-2, meet the NPDES general permit rule applicability requirements under 327 IAC 5-2-3, have not received a conditional no exposure exclusion from stormwater permitting under 327 IAC 15-6-12, and have a new or existing point source discharge composed entirely of stormwater and allowable non-stormwater discharges.

Under the Indiana General Permit, the permittee is required to file a NOI letter, develop a SWPPP, and conduct specific inspection, sampling and reporting activities. The permittee is required to maintain their facility so as to reduce the potential for pollutants to be exposed to stormwater.

The Rule 6 permit is valid for a period of five years from the date that the Indiana Department of Environmental Management (IDEM) receives an original or renewal NOI letter from the permittee.

## 2.0 FACILITY INFORMATION

<b>FACILITY NAME:</b>	Sonoco Flexible Packaging
<b>STREET ADDRESS:</b>	6502 South U.S. Highway 31 Edinburgh, IN 46124
<b>TELEPHONE:</b>	(812) 526-5511
<b>CONTACT NAMES:</b>	Luke Ricke, EHS Supervisor Michael Leuck – Plant Manager
<b>LOCATION:</b>	The facility is located in Johnson County, Indiana, in the City of Edinburgh. Facility geographic coordinates are Latitude 39° 22' 56.49" and Longitude -85° 59' 51.50".
<b>FACILITY DESCRIPTION AND LAYOUT:</b>	The Sonoco Flexible Packaging facility is an onshore, non-transportation related manufacturing facility involved in the manufacture of flexible packaging. The SIC Code for the facility is 2671, "Packaging Paper and Plastics Film, Coated and Laminated".  The Sonoco Flexible Packaging facility is a 175,000 square-foot building which includes thin film, flexible packing manufacture, adhesive use, and printing operations using solvent and water-based inks.
<b>HOURS OF OPERATION:</b>	The facility currently employs approximately 145 people and operates three shifts, 24 hours per day, 7 days per week.

### 2.1 DRAINAGE ASSOCIATED WITH INDUSTRIAL ACTIVITY

Precipitation that falls upon the property flows into the swale along US-31 to the east of the facility and to dry wells located throughout the facility grounds. Storm water flowing to the swale is eventually discharged to Sugar Creek several miles south of the facility. Water entering the dry wells percolate into the soil and subsequently into the groundwater.

Of the facility's total drainage area associated with manufacturing, processing and material storage areas, all exterior surfaces are impervious, as the result of building roofs and concrete or asphalt ground cover; however, most of these impervious areas drain to dry wells. Only drainage associated with resin unload and storage does not drain to a dry well. The facility has no illicit connections or process wastewater discharges to the storm sewer system. The facility discharges non-contact cooling water and boiler blowdown to Sugar Creek via Outfall 001 under an NPDES discharge permit issued by the Indiana Department of Environmental Management (IDEM). The ultimate receiving waters for discharge from the storm sewer system are Sugar Creek and infiltration to groundwater. Drainage associated with industrial activity primarily drains to the on-site dry wells. Drainage associated with resin storage and unloading partially drains to the swale west of US-31.

### 2.2 OUTSIDE STORAGE AND INDUSTRIAL ACTIVITY

Industrial activity at Sonoco Flexible Packaging that occurs outside the facility includes shipping and receiving of raw and finished materials and outside forklift and truck activity. There are two loading docks for raw materials on the south side of the facility and three loading docks on the west side of the facility. Two trash compactors are located outside on of the facility; one compactor is in a covered area on the west side of the facility, and the other is uncovered on the north end. There are also open-top trash and scrap metal roll-off containers located on the southwest end of the facility, on the paved lot. Empty raw material totes and drums are stored outside near the south loading dock. Metal racks, empty wooden boxes, and wood shipping pallets are also stored on the southwest side of the facility.

Plastic resin is delivered via railcar and truck and is pneumatically transferred to storage silos located on the north side of the facility. Five solvent bulk storage tanks ranging from 4,000 gallons to 10,000 gallons in capacity are located on the south side of the facility. There is one bulk liquid nitrogen storage tank on the west side of the facility. Two electrical transformers are located outside near the elevated water tank. Multiple drums of raw material are stored on a containment pad on the south-west corner of the facility. No underground storage containers are located at the facility. No manufacturing activity occurs outside, and all hazardous waste storage is located inside the facility. No vehicle washing or refueling occurs at the site.

**3.1 FACILITY LAYOUT**

The layout illustrates local area and site features, which include required information as follows:

- All on-site stormwater drainage and discharge conveyances, which may include pipes, ditches, swales, and erosion channels, related to a stormwater discharge;
- Known adjacent property drainage and discharge conveyances, if directly associated with run-off from the facility;
- All on-site and known adjacent property waterbodies, including wetlands and springs;
- An outline of the drainage area for each stormwater outfall;
- An outline of the facility property indicating directional flows, via arrows, of surface drainage patterns;
- An outline of impervious surfaces, which includes pavement and buildings, and an estimate of the impervious and pervious surface square footage for each drainage area placed in a map legend;
- On-site injection wells, as applicable;
- On-site wells used as potable water sources, as applicable; and
- All existing structural control measures to reduce pollutants in stormwater run-off.

The following items will be noted on the map(s) for those areas that generate stormwater discharges exposed to industrial activity and have a reasonable potential for stormwater exposure to pollutants. Historical locations are mapped only if the historical locations have a reasonable potential for stormwater exposure to historical pollutants.

- All existing and historical underground or aboveground storage tank locations, as applicable;
- All permanently designated plowed or dumped snow storage locations;
- All loading and unloading areas for solid and liquid bulk materials;
- All existing and historical outdoor storage areas for raw materials, intermediary products, final products, and waste materials;
- All existing or historical outdoor storage areas for fuels, processing equipment, and other containerized materials, for example, in drums and totes;
- Outdoor processing areas;
- Dust or particulate generating process areas;
- Outdoor waste storage or disposal areas;
- Pesticide or herbicide application areas; and
- Vehicular access roads.

**3.2 TOPOGRAPHIC MAP**

The topographic map illustrates an area map, which includes the required information as follows:

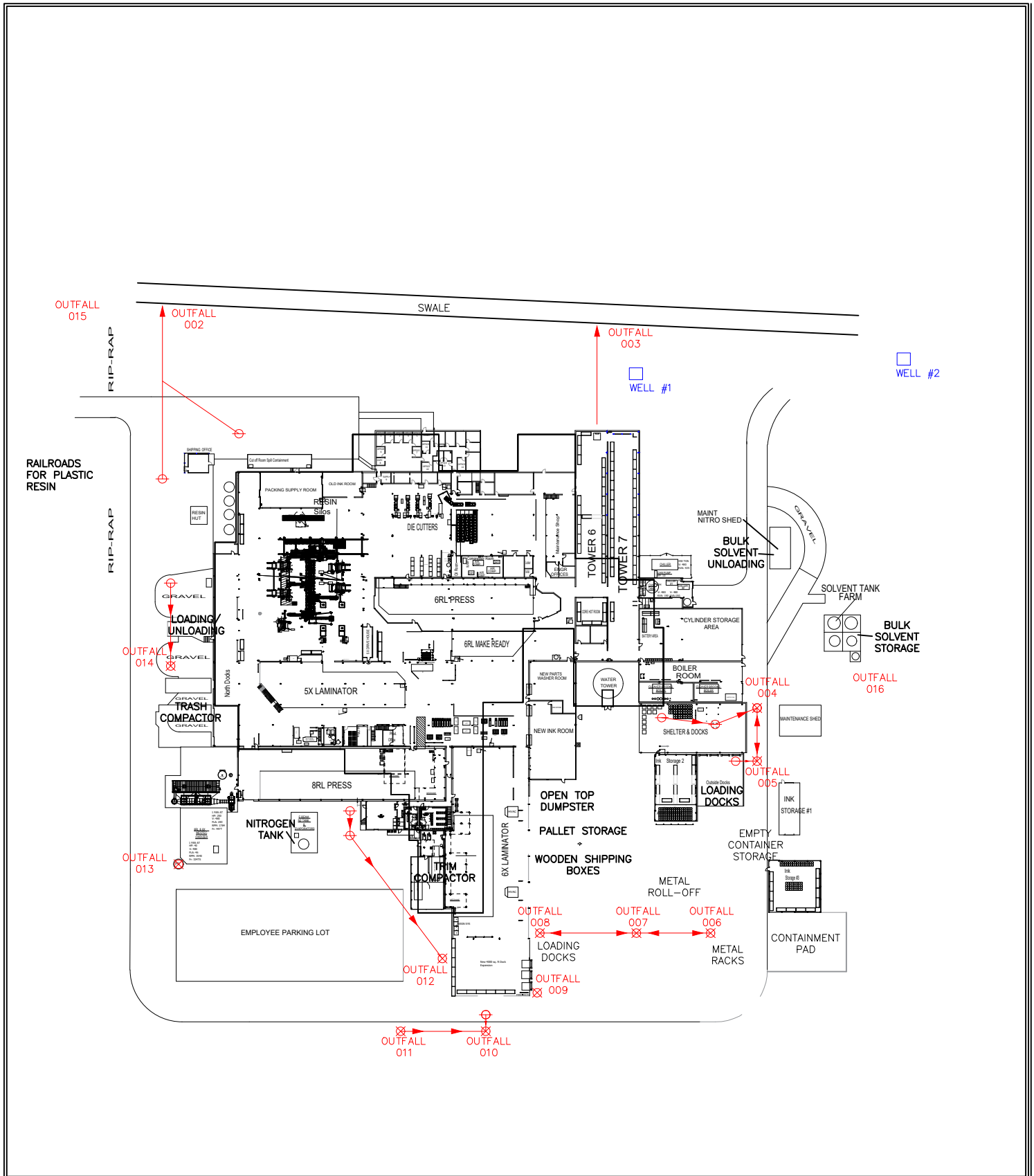
- The topographic relief or similar elevations to determine surface drainage patterns;
- The facility boundaries outlined in a contrasting color;
- All receiving waters; and
- All known drinking water wells.

### 3.3 SOILS MAP

The soils map in Appendix J illustrates the types of soils found on the facility property and includes the required information as follows:

- Predominant soil types, as determined by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Soil Survey, or an equivalent publication;
- The facility boundaries outlined in a contrasting color; and
- A soil legend.



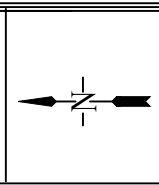


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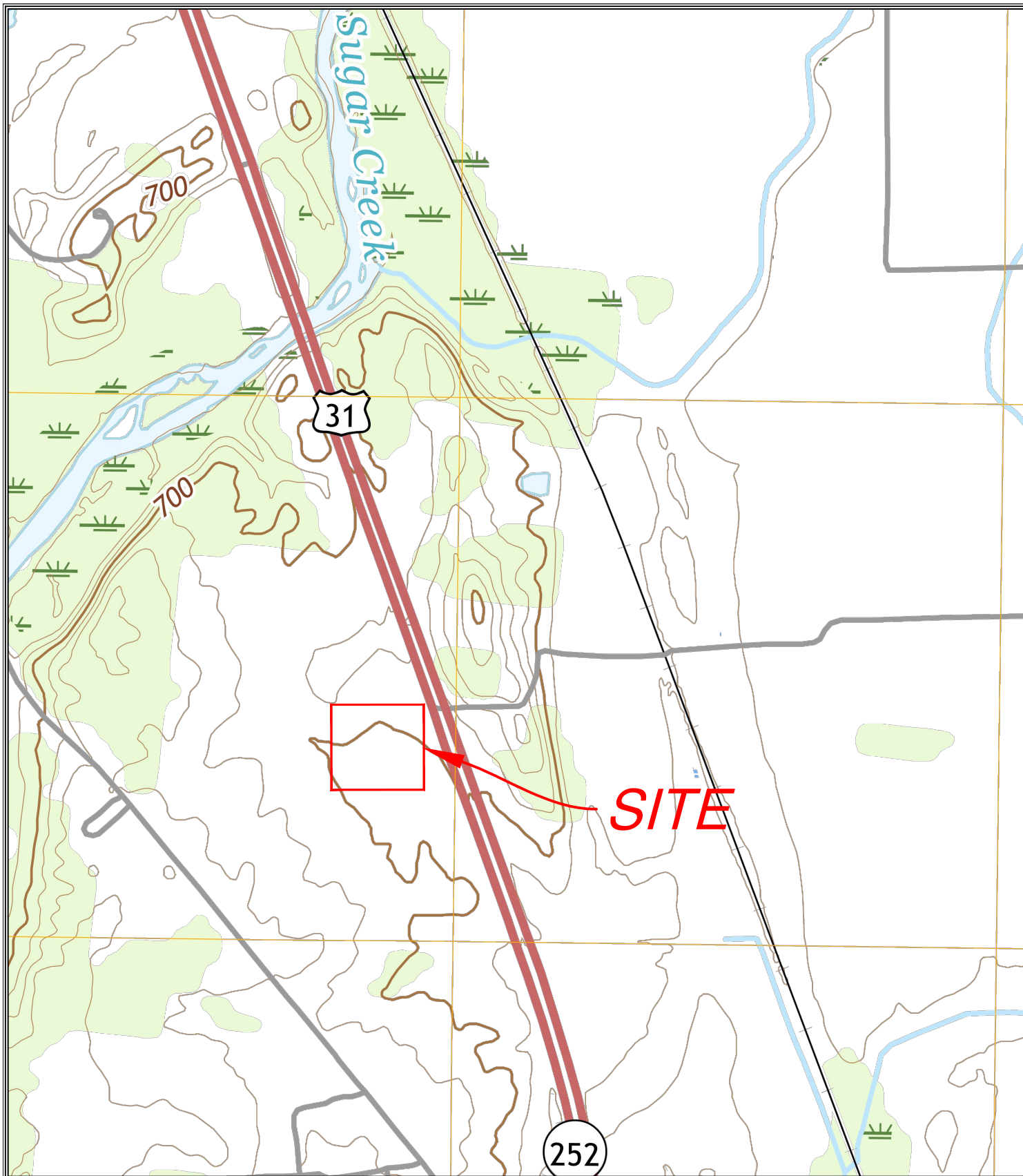
880 LENNOX COURT  
 ZIONSVILLE, INDIANA 46077

**LEGEND**

- STORMWATER FLOW
- ⊕ BASIN
- ⊗ DRY WELL



<b>Facility Layout</b>	
COMPANY: SONOCO FLEXIBLE PACKAGING	
ADDRESS: 6502 S. US HIGHWAY 31	
CITY: EDINBURGH	STATE: IN
COUNTY: BARTHOLOMEW	REV: 2.0
DATE: 01/19/2022	ACCT#: 3393



USGS 7.5' Quadrangle: MARIETTA, IN (2019)

SITE: Latitude 39° 22' 53.868" N  
 Longitude 85° 59' 19.968" W

Universal Transverse Mercator (UTM)  
 North American Datum of 1983 (NAD83)

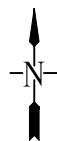
Contour Interval 10 FEET  
 North American Vertical Datum of 1988 (NAVD88)



880 LENNOX COURT  
 ZIONSVILLE, INDIANA 46077

LEGEND

SITE BOUNDARY



TOPOGRAPHIC MAP

COMPANY: SONOCO FLEXIBLE PACKAGING	
ADDRESS: 6502 S. US HIGHWAY 31	
CITY: EDINBURGH	STATE: IN
COUNTY: BARTHOLOMEW	REV: 2.0
DATE: 01/19/2022	ACCT#: 3393

## 4.0 POTENTIAL POLLUTANT SOURCES

### 4.1 INDUSTRIAL MATERIALS AND ACTIVITIES

The following table identifies potential sources of pollution that may reasonably be expected to affect the quality of stormwater discharges exposed to industrial activity from the facility. Consideration has been given to all areas that generate stormwater discharges exposed to industrial activity and are a reasonable potential source of stormwater exposure to pollutants.

MATERIAL	LOCATION	QUANTITY STORED	METHODS OF STORAGE (TO INCLUDE SECONDARY CONTAINMENT IF PRESENT)	REMEDIAL ACTIONS TAKEN, IF NECESSARY	RISK IDENTIFICATION AND LIKELIHOOD OF STORMWATER CONTACT	PAST SIGNIFICANT SPILL OR LEAK	
						YES	NO
Bulk solvent storage	2 x 10,000 gal. tanks 2 x 5,000 gal. tanks 1 x 4,000 gal. tank	5 tanks	Uncovered, located in concrete containment; equipped with valves to isolate spills	N/A	Minor pollution potential during storage. Each tank is within a containment cell of sufficient size to contain the volume of the tank.		X
Bulk solvent unloading	Bulk unload area north-east of solvent tanks	1 unload station	Covered, located in concrete curbed area; equipped with valves to isolate spills	N/A	Minor to moderate pollution potential during tanker unloading.		X
Resin silos	North side of facility 4 x 160,000 lbs.	4	Silos are located on concrete and are fully enclosed	N/A	Minor to moderate pollution potential during railcar unloading.		X
Railcars of plastic resin	North side of facility	1 railcar	None	N/A	Minor to moderate pollution potential during railcar unloading		X
Electrical transformers	South-west of buildings with access via the west	2	Located on concrete pads in gravel area	N/A	Minor pollution potential if transformers malfunction.		X
Material handling around facility	Around facility	Various	None	N/A	Vehicle fluids or raw materials may be released during material handling around facility. Spill response planning, measures, training and equipment minimize the chances the spill will be undetected and unmitigated. Risk of discharge is small.		X
Compactors 1 x Trash 1 x Trim	Compactors located on the west and north side of the facility	2	Compactors are enclosed located on concrete; trim compactor is in a covered area	N/A	Pollution potential if trash or trim material is spilled outside compactor(s) during loading or unloading; hydraulic unit on compactor may leak.		X
Scrap metal roll-off container	One scrap metal roll-off container located on the west side of the building	1	Open top steel containers	N/A	Moderate pollution potential if unauthorized liquids are placed in the container(s) or if lubricants drain from scrap metal.		X

MATERIAL	LOCATION	QUANTITY STORED	METHODS OF STORAGE (TO INCLUDE SECONDARY CONTAINMENT IF PRESENT)	REMEDIAL ACTIONS TAKEN, IF NECESSARY	RISK IDENTIFICATION AND LIKELIHOOD OF STORMWATER CONTACT	PAST SIGNIFICANT SPILL OR LEAK	
						YES	NO
Metal racks	Empty metal racks are stored on the west side of the building	Varies	Not covered	N/A	Minor pollution potential if material is contaminated and comes into contact with storm water.		X
Material and empty container storage	Located on the south and west sides of the building on paved areas	Varies	Not covered	N/A	Moderate pollution potential if material is contaminated and comes into contact with storm water or raw material drums leak and material is mobilized by storm water.		X
Open top dumpster	One dumpster located on the southwest side of the building in the parking lot	1	Open top steel container	N/A	Moderate pollution potential if unauthorized liquids are placed in the container.		X
Wooden shipping pallets	Located on the west side of the building	Varies	Not covered	N/A	Pollution potential if material is contaminated and comes into contact with storm water.		X
Wooden shipping boxes	Located on the west side of the building	Varies	Not covered	N/A	Pollution potential if material is contaminated and comes into contact with storm water.		X
Liquid nitrogen tank	Located west of the building on the north side of the facility	1	Not covered	N/A	Pollution potential is minor; any spills or leaks would be released to the air.		X
Load/Unload Docks	Five docks on the south and west side of the building	5	Dock areas are uncovered	N/A	Minimal pollution potential as all material is handled inside the building or in a covered area. Pollution potential exists if spills occur.		X

## 4.2 NON-STORMWATER ASSESSMENT

Non-stormwater discharges described below may be allowed provided they have not been identified by the permittee or IDEM as a significant contributor of pollutants to a water of the state. If an allowable non-stormwater discharge is determined to be a significant contributor of pollutants to a water of the state an individual wastewater permit may be required for the discharge.

The following is a list of allowable non-stormwater discharges exposed to industrial activity:

- Discharges from firefighting activities;
- Fire hydrant flushings;
- Potable water sources, including waterline flushings;
- Irrigation drainage;
- Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions;
- Routine external building washdown that does not include detergents;
- Pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred, unless all spilled material has been removed, and where detergents are not used;
- Uncontaminated ground water or spring water;
- Foundation or footing drains where flows are not contaminated with process materials, such as solvents;
- Uncontaminated air conditioning or compressor condensate;
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but no intentional discharges from the cooling tower (for example, piped cooling tower blowdown or drains);
- Vehicle washwater where uncontaminated water, without detergents or solvents, is utilized;
- Run-off from the use of dust suppressants approved for use by other program areas within the Department.

Facilities must certify that stormwater discharges entering a water of the state have been evaluated for the presence of illicit discharges and non-stormwater contributions and include the following:

- Detergent or solvent-based washing of equipment or vehicles that would allow wash water additives to enter any storm drainage system or receiving water shall not be allowed at the facility.
- All interior maintenance area floor drains with the potential for maintenance fluids or other materials to enter storm sewers must be either sealed, connected to a sanitary sewer with prior authorization, or appropriately permitted under the NPDES wastewater program pursuant to 327 IAC 5. The sealing, sanitary sewer connecting, or permitting of drains must be documented as part of the non-stormwater assessment.
- The certification shall include a description of the method used, the date of any testing, and the on-site drainage points that were directly observed during the test.
- Complete the non-stormwater assessment at least annually or anytime there is a significant change in outfalls.

The table located in Appendix Q includes a certification that the property and discharge has been tested or evaluated for the presence of illicit discharges and non-stormwater contributions. The certification includes the identification of potential significant sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test.

Water discharged from the property is composed of stormwater only and the facility does not have any non-stormwater contributions. No detergent or solvent-based washing of vehicles or equipment occurs on site.

## 5.0 DESCRIPTION OF CONTROL MEASURES – BEST MANAGEMENT PRACTICES (BMP)

Control Measures (also referred to as “Best Management Practices”, or “BMPs”), are designed to prevent or reduce the pollution of run-off from a facility. Appropriate methods for control at the facility have been selected, designed, installed, and implemented in accordance with good engineering practices and manufacturer’s specifications.

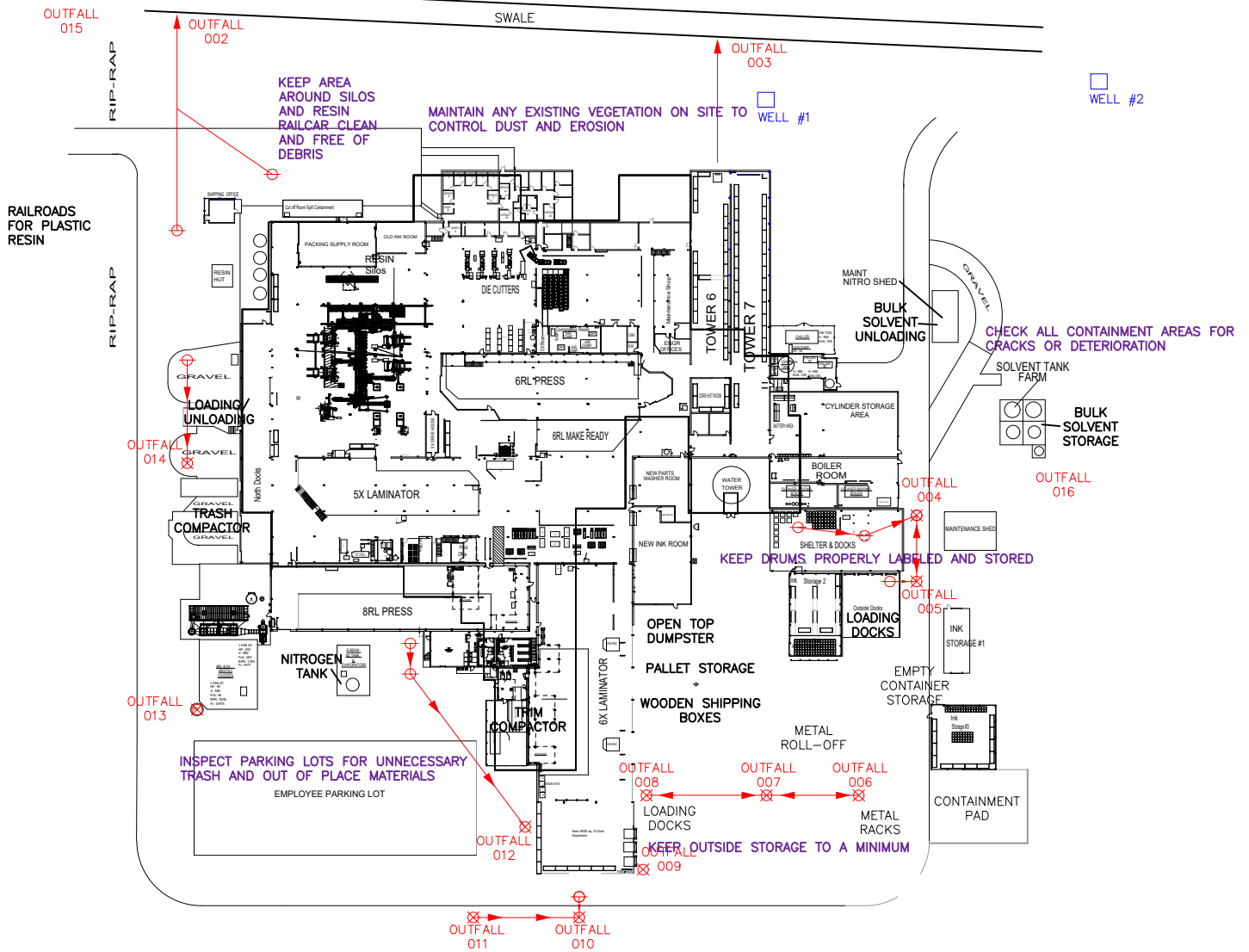
Facilities must minimize the exposure of manufacturing, processing, and material storage areas to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings. If control measures are not achieving their intended effect of minimizing pollutant discharges, facilities must modify these control measures as expeditiously as practicable.

The following table lists each of the control measures or best management practices in place at Sonoco.

BEST MANAGEMENT PRACTICE (BMP)	DESCRIPTION OF ACTIVITIES
<p><b>GOOD HOUSEKEEPING</b>  <i>Minimize the exposure of industrial activities to precipitation and run-off by locating inside or protecting with containment</i></p>	<ul style="list-style-type: none"> <li>• Routinely inspect outside storage areas for leaks or conditions that could cause contamination of storm water runoff.</li> <li>• Keep area around the silos and resin railcar clean and free of debris.</li> <li>• Make sure that all containers and equipment are clean prior to storing outside.</li> <li>• Clean up spills immediately.</li> <li>• Label all materials and keep materials orderly.</li> <li>• Store materials in appropriate containers and locations.</li> <li>• Use drip pans under trucks or equipment parked on site if leaking fluids are noticed.</li> <li>• Keep outside areas well swept and free of trash or debris.</li> <li>• Keep drums properly labeled and stored.</li> <li>• Avoid unloading materials outside when raining.</li> </ul>
<p><b>PREVENTATIVE MAINTENANCE</b>  <i>Regularly inspect, test, maintain and repair industrial equipment to avoid release of pollutants to stormwater</i></p>	<ul style="list-style-type: none"> <li>• Keep outside storage to a minimum.</li> <li>• Maintain absorbent materials and replace as necessary.</li> <li>• Perform scheduled maintenance of on-site vehicles and equipment to prevent possible fluid leaks.</li> <li>• Check all containment areas for cracks or deterioration.</li> <li>• Conduct inspections before forecasted rainfall events and immediately after storm events. If spilled or leaked materials are observed, begin cleanup immediately.</li> <li>• Keep area around storm drains clean.</li> </ul>
<p><b>INSPECTIONS</b>  <i>Keep clean all exposed areas that are potential sources of pollutants</i></p>	<ul style="list-style-type: none"> <li>• Inspect all outside storage areas on regular basis.</li> <li>• Inspect trucks and equipment on site that may be leaking fluids.</li> <li>• Inspect parking lots for unnecessary trash and out-of-place materials.</li> <li>• Inspect plant equipment for proper operation.</li> <li>• Inspect bulk unloading area and tank containment.</li> </ul>

<b>BEST MANAGEMENT PRACTICE (BMP)</b>	<b>DESCRIPTION OF ACTIVITIES</b>
<p><b>SPILL PREVENTION AND RESPONSE</b></p> <p><i>Minimize the potential for leaks, spills, and other releases and develop plans for effective response.</i></p>	<ul style="list-style-type: none"> <li>• Identify areas where spills can occur outdoors and their drainage points.</li> <li>• Maintain materials to block storm drains, outfalls and basins, in the event of a major spill from a tank truck on-site or a spill from chemical container storage and handling activities.</li> <li>• Properly label chemical containers to encourage proper handling and facilitate rapid response if spills or leaks occurs.</li> <li>• Use material transfer procedures that reduce the chance of leaks or spills.</li> <li>• Train employees in the location and proper use of absorbent materials. Make sure employees know importance of keeping spills from reaching storm drain or dry well.</li> <li>• Ensure that any spill prevention equipment at the facility is maintained in proper order and inspected on a regular basis.</li> </ul>
<p><b>SEDIMENT AND EROSION CONTROL</b></p> <p><i>Stabilize exposed areas and contain runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation</i></p>	<ul style="list-style-type: none"> <li>• Identify areas that, due to topography, construction activities, etc., have a high potential for soil erosion.</li> <li>• Maintain any existing vegetation on site to control dust and erosion.</li> <li>• Maintain integrity of concrete pads and asphalt in outside storage areas.</li> </ul>
<p><b>MANAGEMENT OF RUNOFF</b></p> <p><i>Divert, infiltrate, reuse, contain, or otherwise reduce stormwater runoff, to minimize pollutants in your discharges.</i></p>	<ul style="list-style-type: none"> <li>• Continue the present management practices for storm water control, based on the facility's design.</li> <li>• Conduct pollution prevention training for affected employees.</li> <li>• Maintain storm drains and do not allow them to be filled or obstructed with raw materials.</li> </ul>
<p><b>EMPLOYEE TRAINING</b></p> <p><i>Train all employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of this permit</i></p>	<ul style="list-style-type: none"> <li>• Conduct training for affected employees at least yearly.</li> <li>• Training includes the storm water pollution prevention plan, spill prevention and response procedures, and good housekeeping measures. Identify problem areas and how they can be improved.</li> <li>• Use reminders such as employee briefings, postings, and involvement in inspections and site sweeps as regular reinforcement of the importance of storm water protection.</li> </ul>
<p><b>NON-STORMWATER DISCHARGES</b></p> <p><i>Eliminate non-stormwater discharges not authorized by an NPDES permit.</i></p>	<ul style="list-style-type: none"> <li>• Monitor the site on a regular basis for the presence of new discharges.</li> </ul>
<p><b>VEHICLE TRACKING OF INDUSTRIAL MATERIALS</b></p> <p><i>Off-site tracking of raw, final, or waste materials.</i></p>	<ul style="list-style-type: none"> <li>• Pay attention to the condition of the graveled and dirt areas used for vehicles. To avoid tracking contaminates to off-site areas, make sure these areas are free of any leaked or spilled materials that could be introduced into the waters of the state.</li> </ul>
<p><b>WASTE, GARBAGE AND FLOATABLE DEBRIS</b></p> <p><i>Ensure that waste, garbage, and floatable debris are not discharged to receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged.</i></p>	<ul style="list-style-type: none"> <li>• Conduct regular litter control sweeps of the facility.</li> <li>• Inspect trash management areas for litter on a regular basis and especially after trash hauls and times of high winds.</li> </ul>

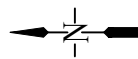
# BEST MANAGEMENT PRACTICES



880 LENNOX COURT  
ZIONSVILLE, INDIANA 46077

## LEGEND

- STORMWATER FLOW
- ⊕ BASIN
- ⊗ DRY WELL



## Facility Layout

COMPANY: SONOCO FLEXIBLE PACKAGING	
ADDRESS: 6502 S. US HIGHWAY 31	
CITY: EDINBURGH	STATE: IN
COUNTY: BARTHOLOMEW	REV: 2.0
DATE: 01/19/2022	ACCT#: 3393



This section contains information on existing and planned management practices and measures used at the facility to improve the quality of stormwater run-off entering a water of the state.

### 6.1 POLLUTION PREVENTION TEAM

Appendix A lists those individuals that are responsible for implementing and maintaining the SWPPP and ensuring that all the requirements are met. Pollution Prevention Team responsibilities include the following:

- Implementation of permit requirements, including quarterly inspections, annual sampling of stormwater discharge, and submittal of annual reports.
- Ensuring availability of spill response materials for use in the event of a spill or leak which may reach outdoor areas of the plant.
- Ensuring that all necessary employees are trained in pollution prevention and good housekeeping measures.
- Making efforts to reduce outside storage of materials where possible.
- Conducting frequent inspections of outside storage areas and performing cleanup where necessary.

### 6.2 EMPLOYEE TRAINING

In accordance with General Permit requirements, employee training will be conducted to inform personnel at all levels of responsibility that have the potential to engage in industrial activities that impact stormwater quality of the components and goals of the Plan. Training will occur annually, and will address the following topics:

- Spill response procedures
- Good housekeeping measures and materials management practices
- Identification of pollution prevention team and associated responsibilities

All employee training sessions, including relevant stormwater topics discussed and a roster of attendees, will be documented and contained with this SWPPP. Training suggestions and a blank roster are in Appendix I which may be used to document training sessions.

### 6.3 STRUCTURAL AND NONSTRUCTURAL CONTROLS

All materials are stored on concrete or asphalt to prevent infiltration of spills or leaks. The Sonoco Flexible Packaging property is designed so that any spills in the materials handling areas to the west and south of the building will be directed to storm water detention basins and dry wells. Bulk liquid storage tanks are within containment. Each tank is in an individual containment cell of sufficient size to contain the volume of the associated tank. The containment valves remain closed under normal operation. Precipitation that enters the unload or tank containment areas is inspected for signs of solvent contamination that may be associated with a release from a tank prior to the valve being opened and the accumulated water discharged to the ground near the containment. In the event of a spill, the containment is pumped out for offsite disposal. The log included as Appendix K may be used to document when precipitation accumulated the containment is drained.

Containerized materials storage is in covered areas or within buildings. Ink storage sheds are curbed to contain any liquid releases and prevent exposure to storm water. Daily inspections of the facility are performed daily by trained personnel; the inspections include waste areas, drums and tanks, and trash collection areas.

The front employee and visitor parking area is drained via a storm drain (Outfall 002) to the ditch on the east boundary of the property.

Facility personnel are present 24 hours per day, limiting the potential for unauthorized access to materials handling areas.

#### **6.4 SOLID OR FLUID WASTE DISPOSAL**

Solid or fluid waste collected in structural control measures on site (such as a dike, trench or containment pit) must be collected and properly disposed of, rather than discharged. Structural control measures, as listed in Section 7.1, are in place for areas outside that could collect rainwater.

#### **6.5 STORMWATER TREATMENT**

Storm water receives no treatment prior to discharge from the property.

#### **6.6 POTENTIAL SOIL EROSION AREAS**

The areas along the drainage ditch on the east side of the Sonoco Flexible Packaging property is the only potential soil erosion area, however this area is vegetated, thus minimizing erosion.

#### **6.7 INDUSTRIAL MATERIAL STORAGE PILES**

No salt, sand or other industrial storage piles are located outside at the Sonoco Flexible Packaging location where they could contaminate storm water run-off.

#### **6.8 PREVENTATIVE MAINTENANCE PROGRAM**

A preventative maintenance program must be implemented at the facility and include:

- Maintenance of stormwater management measures, for example, catch basins or the cleaning of oil or water separators.
- Inspection and testing of facility equipment and systems that are in areas of the facility that generate stormwater discharges and have a reasonable potential for stormwater exposure to pollutants to ensure appropriate maintenance of such equipment and systems and to uncover conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters.
- All maintenance must be documented and contained in Appendix R.

#### **6.9 GOOD HOUSEKEEPING PRACTICES**

Good housekeeping practices have been implemented to ensure the facility will be operated in a clean and orderly manner and that pollutants will not have the potential to be exposed to stormwater via vehicular tracking or other means.

Facility management conduct regular walk-throughs of outside areas of the facility to ensure that industrial materials are properly stored and take corrective action if improperly stored items are noted.

Quarterly inspections will be conducted by the members of the Pollution Prevention Team. Any maintenance performed on storm water management measures (catch basins or dry wells) must be documented. This documentation will be contained in the quarterly inspection checklists.

#### **6.10 QUARTERLY INSPECTIONS**

At a minimum, quarterly inspections of the stormwater management measures and stormwater run-off conveyances must be conducted. Inspections must be documented and maintained with this SWPPP. Quarterly inspections must also be documented and reported annually to IDEM as part of the Annual Report.

A Quarterly Inspection Checklist has been provided in Appendix D of this SWPPP. This checklist shall be used as needed to complete the quarterly inspection requirements.

## 7.0 MONITORING

Facilities are required to monitor for any pollutant attributable to a facility's industrial activity that is reasonably expected to be present in the discharge, as well as for any other pollutant that has the potential to be present in a stormwater discharge as requested by IDEM.

### 7.1 REPRESENTATIVE DISCHARGE

Samples must be taken at a point representative of the discharge but prior to entry into surface waters of the state or a municipal separate storm sewer conveyance unless an alternative location has been granted by IDEM. For discharges that flow through on-site detention basins, samples shall be taken at a point representative of the discharge from the basin.

Grab samples must be collected at the storm water outfalls identified in the revised NOI letter, which are Outfall 002, where the pipe discharges to the swale on the west side of US-31, and Outfall 015, where the rip-rap drainage ditch discharges to the swale on the west side of US-31. The swale eventually discharges into Sugar Creek south of the facility. Samples must be taken at points representative of the discharge but prior to entry into a surface water of the state (Sugar Creek). Samples must be collected at Outfall 002 and Outfall 015 prior to discharging to the swale west of US-31. See facility layout in Section 3.1 for a graphical representation of the locations of the outfalls.

### 7.2 MONITORING SCHEDULE

Within one year of the original or renewal NOI letter submittal a facility shall sample and analyze the discharge from the outfall identified in the approved NOI letter.

The monitoring schedule begins from the date on the initial NOI letter submittal or the expiration date of the previous five-year permit term. During years one through five the facility must submit results of the sampling data and submit the annual report.

IDEM may require a permittee to sample additional storm events beyond the required five annual events upon finding reasonable cause. IDEM shall notify the facility in writing that additional sampling is required.

### 7.3 PARAMETERS

Each discharge outfall identified, or representative discharge identified at the facility must be composed entirely of stormwater and allowable non-stormwater run-off, and shall be monitored for the following parameters:

PARAMETER	UNITS	SAMPLE TYPE	FREQUENCY	BENCHMARK LEVEL
Oil and Grease	mg/L	Grab*	Annual	15 mg/L
CBOD <sub>5</sub> (Carbonaceous biochemical oxygen demand)	mg/L	Grab	Annual	30 mg/L
COD (Chemical Oxygen Demand)	mg/L	Grab	Annual	120 mg/L
TSS (Total Suspended Solids)	mg/L	Grab	Annual	100 mg/L
TKN (Total Kjeldahl Nitrogen)	mg/L	Grab	Annual	N/A
Total phosphorous	mg/L	Grab	Annual	2.0 mg/L
pH**	s.u.	Grab	Annual	6.0 – 9.0 s.u.
Nitrate + Nitrite Nitrogen	mg/L	Grab	Annual	0.68 mg/L

*\*Grab samples are defined as discrete, individual samples taken within a short period of time. Analysis of grab samples characterizes the quality of a stormwater discharge at a given time of the discharge.*

*\*\*The pH measurement must be conducted in the field, at the time the grab sample is collected, by using a pH meter that is properly calibrated according to manufacturer's specifications and provides results displayed in numeric units. A color comparison analysis for pH is not acceptable.*

## 7.4 BENCHMARK LEVELS

The objective of monitoring is to work towards continuous improvement at a facility; which focuses on operational changes and the implementation of additional stormwater quality measures. However, the Indiana Industrial Stormwater General Permit does not provide a clear objective or target for each parameter that is to be sampled. IDEM has developed Industrial Stormwater Permit Monitoring Benchmark guidelines which can be found in Appendix P.

These guidelines identify acceptable discharge benchmarks that can be used to calibrate the monitoring and can be used as an indicator when additional operational changes and/or stormwater quality measures may need to be addressed.

## 7.5 SAMPLING CRITERIA

Criteria for sampling at each outfall are listed below:

1. Samples must be collected from a discharge resulting from a measurable storm event at least seventy-two hours from the previous measurable storm event. A measurable storm event is defined as one which results in a total measured accumulation equal to or greater than one-tenth inch of rainfall.
2. There must be a minimum of three months between reported sampling events.
3. Run-off events from snow or ice melt must not be sampled and may not be used to meet the minimum annual monitoring requirements.
4. Grab samples must be collected during the first 30 minutes of discharge at the stormwater outfalls identified in the NOI letter or as soon thereafter as practicable.

## 7.6 SAMPLE REPORTING

Results from sampling events must be entered on the Discharge Monitoring Report (DMR) and submitted to online in IDEM's NetDMR Program. Results from sampling events must also be entered on the Annual Stormwater Report and emailed to IDEM. Results must be submitted within 30 days after laboratory analyses have been completed. The monitoring data must include completed field data sheets, chain-of-custody forms, and laboratory results. If stormwater discharge enters a municipal separate storm sewer system, permittees must also submit sampling data results to the operator of system upon request.

If a facility monitors a pollutant more frequently than required under the permit, the results of such monitoring must be reported as additional information in the report. Such increased frequency must also be indicated in the report.

To submit results online for the DMR in IDEM's NetDMR program facilities will need to create an account at <https://cdxnodengn.epa.gov/net-netdmr/action/registration>. Select "NetDMR: Indiana DEM". The facility permittee (signature) account must be set up by a representative of the facility who has been delegated the authority to sign and certify this type of report.

The Annual Report Form must be emailed to IDEM at [stormwat@idem.in.gov](mailto:stormwat@idem.in.gov).

## 7.7 DISCHARGE MONITORING REPORT

For each measurement or sample taken record and submit the following information:

- The exact place, date, and time of the start of the discharge, the duration of the storm event sampled, a measurement of the rainfall in inches, and time of sampling.
- The duration between the storm event sampled and the end of the previous measurable storm event.
- The individual who performed the sampling.
- The dates the analyses were performed.
- The individual or lab who performed the analyses.
- The analytical techniques or methods used.
- The results of all required analyses and measurements.
- A complete copy of the laboratory report, including chain-of-custody.

The Discharge Monitoring Report (DMR) Form is provided in Appendix N of this SWPPP. This DMR form shall be used to complete the reporting requirements each year. The data for each outfall shall be listed individually. The DMR form must be signed by a facility representative.

To submit results online for the DMR in IDEM's NetDMR program facilities will need to create an account at <https://cdxnodengn.epa.gov/net-netdmr/action/registration>. Select "NetDMR: Indiana DEM". The facility permittee (signature) account must be set up by a representative of the facility who has been delegated the authority to sign and certify this type of report.

## 7.8 ANNUAL REPORT SUBMITTAL

Facilities shall submit an annual report to IDEM that contains the following information:

- Any changes to the original NOI letter.
- Any changes to the facility, the facility's operations or industrial activities.
- During the second through fifth years of permit coverage, a copy of the comparison of all sampling data results
- Any additional BMPs implemented, or corrective measures taken, as a result of sampling data results.

The annual report must contain information obtained during the previous year of regulation and be submitted initially no later than 365 days from the initial NOI submittal date or the expiration date of the previous five-year permit term. Subsequent annual report submittals shall be provided no later than 365 days from the previous report in years two through five.

The Annual Report Form is provided in Appendix O of this SWPPP. This Annual Report form shall be used to complete the reporting requirements each year. The data for each outfall shall be listed individually. The Annual Report form must be signed by a facility representative. The Annual Report Form must be emailed to IDEM at [stormwat@idem.in.gov](mailto:stormwat@idem.in.gov).

## 7.9 COMPARISON OF MONITORING DATA

The monitoring data taken from the first event shall be used by the facility as an aid in developing and implementing the SWPPP. Subsequent annual sampling data shall be used to verify the effectiveness of the SWPPP and will aid the facility with revising the SWPPP and implementation of additional BMPs, as necessary.

As two or more sample monitoring events are completed, the laboratory results must be compared to indicate water quality improvements in the run-off from the facility. If the parameters and sample type are identical, historical stormwater monitoring data at each discharge outfall identified, or representative discharge outfall can be used in the comparison to provide data that is more reflective of initial water quality conditions.

If parameter reductions are not indicated in the comparison conducted and they cannot be attributed to laboratory error or significant variability in the rainfall events, the source of the pollutant parameter must be investigated and either eliminated or reduced via a management practice or measure to the extent technologically practicable and cost beneficial.

A lack of reduction does not, in and of itself, constitute a violation of the permit. However, insufficient reductions may be used by IDEM to identify facilities that would be more appropriately covered under an individual stormwater NPDES permit. If parameter concentrations are at, or below, laboratory detection limitations, further reductions are not necessary.

## 7.10 RECORDS RETENTION

The monitoring data must be maintained with the SWPPP. All records and information resulting from the monitoring activities, including all records of analyses performed and calibration and maintenance of instrumentation, must be retained for a minimum of either one year following the date on a Notice of Termination letter, three years following the expiration of the facility's permit, or longer if requested by IDEM. As applicable, the records for calibration and maintenance of instrumentation can be maintained at an off-site laboratory but must be available to IDEM upon request. All calibration and maintenance records for on-site instruments, such as pH meters, used by a facility must be documented with the SWPPP.

The Pollution Prevention Team listed the plan are responsible for coordinating spill response efforts, including containment, coordination of cleanup, and reporting to outside agencies, if necessary.

**Spills must be reported when discharged in quantities that may be harmful to public health or welfare or the environment.**

Discharges in quantities that may be harmful include those that:

- Violate applicable water quality standards
- Cause a film or sheen upon, or discoloration of, the surface of the water or adjoining shoreline; or
- Cause a sludge or emulsion deposit beneath the surface of the water or adjoining shorelines

### 8.1 STATE NOTIFICATION REQUIREMENTS

In Indiana the following spills from a facility must be reported:

- Spill of petroleum to a surface water of the State that causes a sheen upon the water
- Spill of petroleum beyond the facility boundary, when the amount spilled exceeds 55 gallons
- Spill of petroleum within the facility boundary, when the amount spilled exceeds 1,000 gallons
- Spill of a hazardous material exceeding 100 pounds or the Reportable Quantity
- Spill of a hazardous material beyond the facility boundary
- Any spill for which spill response has not been done

When in doubt, report the spill to IDEM to help you make a determination on whether it is reportable. A copy of the Indiana spill reporting summary is in Appendix G.

### 8.2 REQUIRED INFORMATION FOR SPILL NOTIFICATION

When reporting a spill, the following information must be communicated. A blank Spill Reporting Form is located in Appendix E for use when reporting a spill. Documentation of any significant spills or leaks must be kept in Appendix F.

- Address or location of facility
- Phone number of the facility
- Date and time of the discharge
- Type of material discharged
- Estimate of the total quantity discharged
- The source of the discharge
- Description of all affected media
- Cause of discharge
- Any damages or injuries caused by the discharge
- Actions being used to stop, remove, and mitigate the effects of the discharge
- Whether an evacuation may be needed; and
- Name of individuals and/or organizations who have also been contacted

### **8.3 SPILL PREVENTION MEASURES**

Containerized liquid materials such as inks and adhesives are stored inside the facility at both locations. Absorbent materials are stored on site for cleanup of small spills. If a spill should occur, the Pollution Prevention Team members listed in Appendix A will be responsible for coordinating spill response efforts.

Refilling of the aboveground storage tanks occurs by bulk unloading from tanker trucks. The tankers come on site as needed for refilling. The truck drivers must monitor the entire unloading operation and follow DOT regulations when performing bulk unloading.

In the event that small quantities of plastic resin pellets are released during the railcar unloading process, they are immediately cleaned up to prevent mobilization by storm water.

## 9.0 PERMIT REQUIREMENTS

Sonoco must take specific steps to obtain coverage under the General Permit and maintain compliance with the Permit. These requirements are listed below.

### 9.1 PERMIT COMPLIANCE

The permit compliance schedule begins from the date on the initial NOI letter submittal or the expiration date of the previous five-year permit term. The following schedule must be followed:

Permit Year	Start Date	End Date	Permit Requirements
1	1/26/2021	1/25/2022	<ol style="list-style-type: none"> <li>1. Implement/update SWPPP by 1/25/2022</li> <li>2. SWPPP Checklist must be submitted by 1/25/2022</li> <li>3. Take a stormwater sample between 1/26/2021 and 1/25/2022</li> <li>4. Submit Stormwater Annual Report via email to IDEM by 1/25/2022</li> <li>5. Submit DMR online by 2/25/2022</li> </ol>
2	1/26/2022	1/25/2023	<ol style="list-style-type: none"> <li>1. Take a stormwater sample between 1/26/2022 and 1/25/2023</li> <li>2. Submit Stormwater Annual Report via email to IDEM by 1/25/2023</li> <li>3. Submit DMR online by 2/25/2023</li> </ol>
3	1/26/2023	1/25/2024	<ol style="list-style-type: none"> <li>1. Take a stormwater sample between 1/26/2023 and 1/25/2024</li> <li>2. Submit Stormwater Annual Report via email to IDEM by 1/25/2024</li> <li>3. Submit DMR online by 2/25/2024</li> </ol>
4	1/26/2024	1/25/2025	<ol style="list-style-type: none"> <li>1. Take a stormwater sample between 1/26/2024 and 1/25/2025</li> <li>2. Submit Stormwater Annual Report via email to IDEM by 1/25/2025</li> <li>3. Submit DMR online by 2/25/2024</li> </ol>
5	1/26/2025	1/25/2026	<ol style="list-style-type: none"> <li>1. Submit Renewal NOI by 10/25/2025, making the new permit start 1/25/2026</li> <li>2. Take a stormwater sample between 1/26/2025 and 1/25/2026</li> <li>3. Submit Stormwater Annual Report via email to IDEM by 1/25/2026</li> <li>4. Submit DMR online by 1/25/2026</li> </ol>

### 9.2 PERMIT TERM AND RENEWAL

The General Permit is valid for five years from the date of initial or renewal NOI submission. For newly constructed industrial facilities, the NOI letter shall be submitted 90 days prior to startup of industrial operations. For existing industrial facilities that have not been regulated by this rule but now meet the applicability requirements of this rule, the NOI letter must be submitted within 90 days of the effective date of meeting the applicability requirements of the rule unless permission for a later date has been granted by IDEM. For existing industrial facilities that already have coverage under the General Permit renewal of coverage may be obtained by submitting a new NOI letter to IDEM 90 days prior to the expiration of coverage under the current permit.

Coverage under the General Permit was effective on January 25, 2021 and will expire on January 24, 2026. Renewal of coverage under the General Permit may be obtained by submitting a renewal NOI letter to IDEM 90 days prior to the expiration of permit coverage (by October 25, 2025).



### 9.3 NOTICE OF INTENT (NOI) SUBMITTAL

The following information must be submitted with the NOI letter:

- Name of responsible corporate officer or written authorization for an alternate individual or position to act as the duly authorized representative for that individual, if appropriate, who will be responsible for all signatory responsibilities.
- Name and contact information of the individual who can provide assistance with information pertaining to the facility's permit.
- A brief narrative description of the industrial processes performed at the facility.
- Identification of the number and location of each outfall where stormwater exposed to industrial activity discharges to a water of the state, including a narrative description of the industrial activity associated with the drainage area of each identified outfall.
- Identification of substantially similar outfalls of stormwater and the outfall to be monitored as representative of all such discharges. Include an explanation of the rationale used to identify why certain outfalls are similar.
- The identification of past and present NPDES permits, if applicable.
- The identification of the regulated MS4 entity receiving the stormwater discharge, if applicable.
- Proof of publication of the following statement in the newspaper of largest circulation in the area.

### 9.4 PERMIT TERMINATION

The current permit must be terminated if any of the following conditions occur:

- Closure of the facility;
- Transfer of ownership or operator;
- No exposure of all facility industrial activities to stormwater;
- All stormwater run-off from the facility flows into a combined sewer system; or
- Stormwater does not have the potential to impact a water of the state.

Upon closure of the facility, or transfer of ownership or operator, a Notice of Termination (NOT) must be submitted to IDEM within 30 days of the date of closure or transfer. The new owner or operator must submit a new NOI letter within 60 days of the date of closure or transfer. For a permittee to claim termination based on no exposure to industrial activities, a complete "No Exposure Certification" form must be submitted with the NOT letter request.

## **9.5 SWPPP IMPLEMENTATION DEADLINE**

This Stormwater Pollution Prevention Plan (SWPPP) must be implemented on or before 365 days after submission of a timely-submitted NOI letter or the expiration date of the previous five-year permit term.

## **9.6 SWPPP CERTIFICATION CHECKLIST**

The facility must submit a SWPPP Certification Checklist to IDEM within thirty days of the SWPPP implementation date, but no later than three hundred sixty-five days after the submission of a timely-submitted initial NOI letter or the expiration date of the previous five-year permit term.

The SWPPP Certification Checklist certifies that the SWPPP has been prepared and contains all the required elements set forth in 327 IAC 15-6-7. The SWPPP Certification Checklist must be signed by a facility representative and by a Qualified Professional.

Re-submittal of the SWPPP Certification Checklist is not required following permit renewals, unless there have been substantial changes made on site or to the SWPPP since inception.

The SWPPP Certification Checklist is provided in Appendix M of this SWPPP. This SWPPP Certification Checklist shall be used to complete the checklist requirements when needed.

## **9.7 REQUIRED SIGNATURES**

The SWPPP is to be signed by a representative of the facility who has been delegated the authority to sign and certify this type of document. A signature statement has been included in Appendix S of this SWPPP.

The SWPPP must also be certified by a Qualified Professional, an individual who is trained and experienced in stormwater treatment techniques and related fields. This may be demonstrated by state registration, professional certification, experience, or completion of coursework that enable the individual to make sound, professional judgments regarding stormwater control or treatment and monitoring, pollutant fate and transport, and drainage planning. The Qualified Professional signature is in Appendix T of this SWPPP.

## **9.8 SWPPP LOCATION AND PUBLIC ACCESS**

This SWPPP must be retained at the facility and be available for review by a representative of IDEM upon request, or in the case of a stormwater discharge exposed to industrial activity which discharges through a regulated municipal separate storm sewer system conveyance, by the operator or operators of the regulated municipal system.

## **9.9 SWPPP AMENDMENTS**

This SWPPP must be amended in the following circumstances:

- Whenever there is a change in design, construction, operation, or maintenance at the facility, which may have a significant effect on the potential for the discharge of pollutants to surface waters of the state.
- Upon written notice from IDEM that the SWPPP proves to be ineffective in controlling pollutants in stormwater discharges exposed to industrial activity. Within sixty days of such notification from IDEM, the permittee shall make the required changes to the SWPPP and shall submit the amended plan to IDEM for review.

The SWPPP amendments must be signed by a representative of the facility and by a Qualified Professional.



## APPENDIX A: POLLUTION PREVENTION TEAM

### **Team Leader Responsibilities:**

The Team Leader coordinates SWPPP development and implementation of Best Management Practices (BMPs), maintaining relevant records and correspondence on file, ensuring that inspections are conducted, reviewing SWPPP at least annually and updating as needed.

TEAM LEADER	
<b>Name:</b> Luke Ricke	<b>Office #</b> (812) 526-5511 ext. 297
<b>Title:</b> EHS Supervisor	<b>Cell #</b> (317) 258-2548

### **Team Member Responsibilities:**

Additional personnel work with the Team Leader on BMP implementation, conducting walk-throughs of outside areas and maintaining good housekeeping. Also assist with inspections, if necessary.

TEAM MEMBER(S)	
<b>Name:</b> Matt Sullivan	<b>Office #</b> (812) 526-5511 ext. 252
<b>Title:</b> Plant Engineer	<b>Cell #</b> N/A
<b>Name:</b> Doug Webber	<b>Office #</b> (812) 526-5511
<b>Title:</b> Hazardous Materials Specialist	<b>Cell #</b> N/A

## APPENDIX B: SWPPP TABLE OF ONGOING REQUIREMENTS

DESCRIPTION	SCHEDULE	PROCEDURES
<b>GOOD HOUSEKEEPING</b>	Quarterly	See Section 5.0 and use Quarterly Inspection Checklist in Appendix H to ensure compliance with Best Management Practices.
<b>BEST MANAGEMENT PRACTICES</b>	As Needed	Check and re-stock absorbent materials as needed. Review table in Section 5.0.
<b>PREVENTATIVE MAINTENANCE</b>	Varies by Equipment or System	Maintain all equipment and systems according to established Preventative Maintenance Program. All maintenance records must be documented and contained in Appendix R.
<b>EMPLOYEE TRAINING</b>	Upon hire for affected employees. Annual Refreshers and regular reminders.	See Section 6.2 for complete descriptions and schedules for employee training program and procedures. Retain completed training forms in Appendix I with Plan.
<b>MONITORING</b>	Annually	Permit requires monitoring of each outfall annually once a year for five years. See Section 7.0 for complete details regarding monitoring.
<b>REPORTING OF MONITORING DATA</b>	Annually	Submit monitoring data no later than 30 days after receiving the laboratory results. See Section 7.0 for complete details regarding monitoring and Appendix N and Appendix O for further details.
<b>DISCHARGE MONITORING REPORT</b>	Annually	See Section 7.7 for complete details regarding the Discharge Monitoring Report and Appendix N for further details.
<b>ANNUAL REPORT</b>	Annually	See Section 7.8 for complete details regarding the annual report and Appendix O for further details.
<b>ROUTINE FACILITY INSPECTIONS</b>	Quarterly	Quarterly inspections of stormwater management measures at the facility are required. See Section 6.10 and Quarterly Inspection Checklist in Appendix H for further details.
<b>PLAN REVIEW</b>	Annually	Annually review the plan and make updates if needed. Ensure plan is fully approved by management and any changes have been implemented. If there are significant changes an amended Notice of Intent may need to be submitted as well as an updated SWPPP Certification Checklist.
<b>PERMIT RENEWAL</b>	Every 5 Years	Submit renewal Notice of Intent to IDEM every five years. Renewals must be submitted ninety days prior to the permit expiration date. See Section 9.2 for further details.
<b>SWPPP CHECKLIST</b>	No later than 365 days after submitting an initial NOI Letter or after any significant changes to the facility	Verify that all items listed on the SWPPP Certification Checklist have been completed. See Section 9.6 and Appendix M for further details.
<b>NON-STORMWATER ASSESSMENT</b>	Annually	Evaluate for the presence of illicit discharges and non-stormwater contributions. See Section 4.2 for further details and see Appendix Q for table to complete.
<b>SPILL RESPONSE MEASURES</b>	As Needed	In the event of a spill alert Pollution Prevention Team listed in Appendix A of the Plan. Follow procedures listed in Appendix C, D, E and F for notification requirements and any written reports that may be required. A copy of Indiana's spill reporting summary can be found in Appendix G.

## APPENDIX C: FACILITY SPILL RESPONSE NOTIFICATION

The following table lists organizations that may be contacted by the responsible facility personnel depending on the situation. This list should be updated on a regular basis as changes may occur.

TYPE	AGENCY NAME	PHONE NUMBER
<b>SPILL RESPONSE CONTRACTOR</b>	Heritage Environmental	(877) 436-8778
<b>STATE OR LOCAL AGENCIES</b>	IDEM - OFFICE OF ENVIRONMENTAL RESPONSE	(888) 233-7745
	Johnson County Local Emergency Planning Committee (LEPC)	(317) 735-5155
<b>FIRE</b>	Local Fire Department	911
	State Fire Marshal	(317) 232-2222
<b>POLICE</b>	Local Police Department	911
	State Police— Franklin, IN	(317) 736-3670
<b>MEDICAL</b>	Medical Emergency	911
	Johnson Memorial Hospital	(317) 736-3300
<b>OUTSIDE CONTRACTOR</b>	Univar Solutions	(800) 531-7106
<b>FEDERAL AGENCIES</b>	National Response Center	(800) 424-8802
	EPA Region 5 – Chicago, IL	(312) 353-2000 (800) 621-8431

## APPENDIX D: FACILITY SPILL RESPONSE PROCEDURES

In the event of a spill, implement the following spill response procedures:

1. Locate source of spill or leak.
2. Alert other employees and Pollution Prevention Team.
3. Evaluate material that has spilled, size of spill and direction of flow. Employees may not begin clean-up until responsible facility personnel have evaluated the spill.
  - a. If the spilled material is flammable, remove all ignition sources
  - b. Evacuate all unnecessary personnel from the area (if necessary)
4. Pollution Prevention Team shall initiate outside emergency response assistance if needed.
5. Attempt to stop discharge as quickly as possible – if it can be done safely.
  - a. Close valve, shut down pump, use drum overpack, or other appropriate actions.
  - b. Contain the migration of the spilled substance by diking with absorbent material (sand, pigs, granular absorbents, etc.) or other materials as necessary to stop the migration of the liquid.
  - c. Protect any drains near the spill that may lead to the public sewer system and outfalls by covering with drain covers, diking with absorbent material, or directing the flow of materials with squeegees.
6. Clean the spill using absorbent materials or a vacuum designed for wet materials and collect all materials in a drum or other leak-proof container.
7. Make sure that all materials generated from the cleanup are disposed of or recycled in accordance with local, state, or federal regulations.
8. Pollution Prevention Team shall report the emergency release to local, state and federal authorities (as needed).
  - a. If a spill enters a municipal sewer system notify the wastewater treatment system as needed.
9. File written spill reports with local/state/federal agencies if required.
10. Clean, restore or replace spill response equipment and return it to its original location.

**APPENDIX E: SPILL EVENT REPORTING FORM**

<b>GENERAL INFORMATION</b>	
Facility Name:	
Street Address:	
City, State ZIP:	
Your Name:	
Title:	
Phone #	
<b>INCIDENT INFORMATION</b>	
1) Date of Incident:	
2) An adequate description of the facility, including maps and flow diagrams:	
3) Maximum storage capacity and normal daily throughput:	
4) The cause of the discharge(s) including a failure analysis of the system in which the failure occurred:	
5) Corrective actions or countermeasures taken, including a description of equipment repairs and replacements:	
6) Preventive measures taken or contemplated to minimize the possibility of recurrence:	
7) Other information if requested by Regional Administrator:	



**APPENDIX F: SIGNIFICANT SPILLS AND LEAKS**

If a spill should occur at the facility, which reaches a storm drain or off-site areas or exceeds the reportable quantity for that particular material, the spill must be reported as quickly as possible to State and Federal reporting hotlines with details documented on this table.

DATE	LOCATION	TYPE OF MATERIAL	ESTIMATED VOLUME RELEASED	RESPONSE PROCEDURE	POST-CLEANUP: REMEDIATION OR DISPOSAL PROCEDURES

## APPENDIX G: STATE SPILL REPORTING SUMMARY

**Is this an:** **Oil Spill**

- Is there a sheen on the water leaving the facility grounds, or creating an emulsion or sludge under state waters or on adjoining shorelines?
- Is the spill of petroleum beyond the facility boundary and greater than 55 gallons?
- You must report a release within 2 hours of its discovery or sooner, depending on your local jurisdiction. When in doubt about reporting or you need technical support or guidance call Indiana Department of Environmental Management (IDEM)'s spill reporting hotline.
- Is it any spill for which an immediate spill response (within 2 hours) has not been done?
  - Using absorbents, booms, pigs, etc. stop the flow/spread of oil
  - Call 911
  - Call IDEM spill hotline: (888) 233-7745 (24-hr)
  - Call National Response Center (NRC): (800) 424-8802
- Is it a spill of less than 1,000 gallons and has not left the property?
  - Contain the spill and clean up

 **Hazardous Material**

- Does the volume exceed 100 pounds or the Reportable Quantity?
- Has the hazardous material exited the facility boundary?
  - Call 911
  - Call IDEM spill hotline: (888) 233-7745
  - Call National Response Center (NRC): (800) 424-8802
- Is the spill less than the Reportable Quantity and still on facility property?
  - Contain the spill and clean up

 **Non-Hazardous Material**

- Contain the spill and clean up



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

# Emergency Response Quick Reference Sheet

*Eric J. Holcomb*  
Governor

*Bruno L. Pigott*  
Commissioner

(317) 232-8603 • (800) 451-6027

[www.idem.IN.gov](http://www.idem.IN.gov)

100 N. Senate Ave., Indianapolis, IN 46204

Contact numbers and evaluation techniques for environmental threats

**PERSONAL SAFETY, ESPECIALLY YOURS, IS ALWAYS THE FIRST PRIORITY. Do not endanger yourself by entering hazardous environments. Stay upwind of spills and air releases. Never taste spilled materials. Never inhale smells to identify spills. Never touch unknown materials without proper Personal Protective Equipment. Be aware of highway, water and night- time safety issues. The burden of providing information and performing spill responses ALWAYS falls on the spiller, not you. Please let us know if you need additional guidance or do not feel comfortable being involved in a situation.**

### Contact Telephone Numbers

#### **State Contacts:**

IDEM Emergency Response, 24 hour spill reporting	888-233-7745
IDEM, general information	800-451-6027
IDEM, complaints	800-451-6027 ext. 2-4464
IERC (Indiana Emergency Response Commission)	317-232-4679
ISFM (Indiana State Fire Marshal)	317-232-2222
ISDH (Indiana State Department of Health)	800-382-9480
IDNR (Indiana Department of Natural Resources), customer service center	877-463-6367
OISC (Office of the Indiana State Chemist)	765-494-1492
IOSHA (Indiana Occupational Safety and Health)	317-232-2655
Illinois Environmental Protection Agency, 24 hours spill reporting	800-782-7860
Michigan Department of Environmental Quality, 24 hour spill reporting	800-292-4706
Ohio Environmental Protection Agency, 24 hour spill reporting	800-282-9378
Kentucky Department of Environmental Protection, 24 hour spill reporting	800-928-2380

#### **Federal Contacts:**

NRC (National Response Center)	800-424-8802
U.S. EPA Region V, spill reporting	312-353-2318
Agency for Toxic Substance and Disease Registry	800-232-4636
U.S. Coast Guard, Marine Safety Office, Louisville, KY	502-969-4006
U.S. Coast Guard, Marine Safety Office, Chicago, IL	773-775-2451
FBI (Federal Bureau of Investigations), Indianapolis Field Office	317-595-4000

#### **Other Contacts:**

Indiana 811, Know what's below. Call before you dig.	811 or 800-382-5544
Chemtrec, chemical data information	800-424-9300

# Spill Reporting Criteria


- The **spill**\* has **damaged**\*\* or threatened to damage **waters**\* of the state so as to cause death or acute injury or illness to humans or **animals**\*, including fish and other **aquatic life**\* (see Sections 5(1) and 6(1) of Indiana Spill Rule 327 IAC 2-6.1).
- The spill is located within a **facility boundary**\*, has damaged or threatened to damage waters of the state, and the spill is located (see Section 5(3) of the Indiana Spill Rule):
  - Within 50 feet of a private drinking water well located beyond the facility property, **OR**
  - Within 100 yards of any water which is:
    - Designated as an "outstanding state resource" (see 327 IAC 2-1-2 (3)).
    - Designated as "exceptional use" (see 327 IAC 2-13(a)(6) and 327 IAC 2-1-11(b)).
    - Designated as capable of supporting a salmonid fishery (see 327 IAC 2-1-6(c)(1)).
    - A fish hatchery, fish and wildlife area, nature preserve, or recreational water owned by the state or the federal government.
- The spill is located outside a facility boundary (including transportation-related spills) and/or within a wellhead protection area and consists of (see Sections 5(2), 5(4)(A)&(B), and 6(3) of the Indiana Spill Rule):
  - **Hazardous substances**\* or **extremely hazardous substances**\* in an amount exceeding 100 pounds or the **reportable quantity**\* (whichever is less), **OR**
  - Petroleum product in an amount exceeding 55 gallons to soil or causing a sheen on the water, **OR**
  - **Objectionable substances**\*.
- The spill has occurred to soil within a facility boundary and consists of (see Section 5(4)(C) of the Indiana Spill Rule):
  - Hazardous substances or extremely hazardous substances in an amount exceeding the reportable quantity, **OR**
  - Petroleum product in an amount exceeding 1,000 gallons, **OR**
  - Objectionable substances.
- The spill is from a **mode of transportation**\* and has damaged or threatened to damage surface waters. Spills of petroleum products that exceed 55 gallons and enter or threaten to enter a waterway must be reported, contained and cleaned up and the free liquids removed and recovered. If the spill of petroleum product is less than 55 gallons, you still must do a **spill response**\* but you don't have to report the spill if you complete the response within 2 hours of the spill. However, if you do not complete a spill response on this type of spill, you **MUST** report it (see Sections 6(2)&(4) of the Indiana Spill Rule).
- Any spill for which an immediate spill response (within 2 hours of the spill) **HAS NOT** been done (see Sections 5(5) and 6(4) of the Indiana Spill Rule).
- The spill occurred in a sole source aquifer region (located in parts of Elkhart, Kosciusko, St. Joseph and LaGrange counties and karst regions in mid-southern Indiana) (see Section 2 of the Indiana Spill Rule).

# Exclusions

The reporting requirements of Indiana Spill Rule 327 IAC 2-6.1 **DO NOT** apply to the following occurrences (see Section 3 of the Indiana Spill Rule).

- Discharges permitted under an applicable permit **AND** acute injury or illness to animals or humans does not occur.
- Lawful application of materials, including fertilizers, pesticides, and dust suppression materials (excluding used oil).
- The application of petroleum necessary for construction that **DOES NOT** damage the waters of the state.
- Spills that damage or threaten to damage waters of the state that are less than 1 pound or 1 pint.
- Spills of integral operating fluids used in the use of motor vehicles or other equipment that **DO NOT** exceed 55 gallons, **DO NOT** damage the waters of the state, are **contained**\* **AND** have undergone a spill response (i.e., spills are contained, released material is recovered and removed or neutralized, etc.). If a spill response has **NOT** been done for such a spill, the spill **MUST** be reported.
- Oil sheens produced as a result of normal operation of properly functioning watercraft.
- Releases of substances used for a spill response activity that have been approved and authorized by an IDEM or federal **on-scene coordinator**\*.

**IMPORTANT:** Three federal laws require you to do special reporting when you spill certain quantities of hazardous substances and/or extremely hazardous substances:



*Comprehensive Environmental Response, Compensation, and Liability Act; Superfund Amendments and Reauthorization Act Title 3; and Resource Conservation and Recovery Act. Ask IDEM for details!*

# Spill Reporting Procedures

If your spill meets any of the spill reporting criteria, you, as owner and/or operator, must:

- 1) **Call IDEM's 24-Hour Spill Reporting Hotline, (888) 233-7745 (toll free in Indiana) or (317) 233-7745 and notify emergency response personnel of the spill or any new or updated information about the spill** (see Sections 7(3), 4(17), and 8 of the Indiana Spill Rule):
  - As soon as possible, **BUT**
  - No more than 2 hours after discovering the spill, **OR**
  - When in doubt about reporting or if you need technical support or guidance.
- 2) **Submit a written report detailing the spill event to IDEM, if requested, to** (see Sections 7(4) and 4(17) of the Indiana Spill Rule):  
 Indiana Department of Environmental Management  
 Office of Environmental Response  
 P.O. Box 6015  
 Indianapolis, IN 46206-6015

**The written spill report\* must include:**

- Name, address, and telephone number of the person making the spill report.
- Name, address, and telephone number of a contact person, if different than above.
- Location and time of the spill.
- Identification and quantity of the substance spilled.
- Duration and source of the spill.
- Name and location of the waters damaged.
- Identity of the organization responding to the spill.
- Measures that have been or will be taken to perform a spill response.
- Any other significant information.
- Any other information requested by IDEM in writing.

**If you operate a fixed facility and/or pipeline, you must exercise due diligence and document attempts to notify** (see Section 7(5) of the Indiana Spill Rule):

- For spills to surface water—The nearest affected **downstream water user(s)**\* located within 10 miles of the spill.
- For spills to soil outside the facility boundary—Affected property owners, operators, and occupants.

## Quick Reference Information Sheet for assessing spills and threats to water

### CONTACTS

1. **Spiller information:** name, address, contact numbers
2. **Land owner information** (if different): name, address, contact numbers
3. **Spill location** (if different): facility name, address, directions, contact numbers
4. **Other contacts:** for lease holders, contractors, response agencies

### CIRCUMSTANCES

5. **Spilled material/description.** Safety Data Sheet. What is it used for?
6. **Date and time** of spill (when found vs. when spill likely began)
7. **Cause** of spill.
8. Has the spill led to threats of **human** safety? Any evacuations? Any injuries?
9. Has the **release stopped?** Can it be stopped without compromising safety?
10. Was there an immediate or any **spill response?** Many fire and street departments initially dam or absorb spills with kitty litter or sand. Spillers are ultimately responsible for initiating and completing a spill response.

### SPILL CHARACTERISTICS

11. Describe **area affected**, estimate square feet or miles of affected water.
12. Describe **amount spilled**, amount contained, and capacity of containers or vessels.
13. **Amount recovered** or why no recovery (very few exceptions).

### SPILLS TO WATER

14. Are there **surface waters** nearby or involved? Roadside ditches, streams, ponds?
15. Are the surface waters **standing, flowing, discharging?** To where?
16. Do you see **fish** or other animals in or near the water? Are they alive, stressed, dead?
17. Are there ditches, low areas, storm drains inlets, field tile risers to water?

### SPILLS TO SOIL

18. Are there **sandy or gravelly native soils**, backfill areas, dry wells nearby/involved?
19. Are there **water wells, pipelines, phone lines, or utilities** that spills might follow?

### SPILLS TO TILES, SEWERS, STORM DRAINS

20. For impacted **storm drains/storm sewers**, are there signs of the spilled material in **manholes or catchment basins?** Check where the storm drain exits into surface water. Can spilled materials be safely contained and collected from catchment basins or storm drain outlets before entering water?
21. For impacted **combined or sanitary sewer** systems, contact the wastewater utility. Will the material be safely treated? Will it upset or flow through the plant? Can they safely separate and contain it without hurting their plant? Are they experiencing any bypass events where spilled materials may discharge directly to water? Check bypass outfalls for spilled material. **Call IDEM Emergency Response Section at 888-233-7745 immediately for upset plants.** Non-emergency treatment plant questions will be advised during normal business hours by calling IDEM, Office of Water Quality (OWQ), at 317-232-8670.



**INDIANA SPILL REPORTING RULE  
TITLE 327 WATER POLLUTION CONTROL BOARD**

**327 IAC 2-6.1-1 Applicability**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 1. This rule applies to the reporting and containment of, and the response to those spills of hazardous substances, extremely hazardous substances, petroleum, and objectionable substances that are of a quantity, type, duration and in a location as to damage the waters of the state. Nothing in this rule is intended to affect reporting or clean-up requirements set forth by other federal, state, or local laws. *(Water Pollution Control Division; 327 IAC 2-6.1-1; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1731; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

**327 IAC 2-6.1-2 Special areas**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 2. Certain areas of the state are recognized as having unique geology. A large section of the mid-southern part of the state is a karst region. Portions of Saint Joseph, Elkhart, Kosciusko, and LaGrange Counties contain a sole source aquifer as referenced in 42 U.S.C. 300h-3(e). The waters of the state are particularly vulnerable to damage from spills in these areas, and care should be exercised when evaluating damage from spills. Information about these areas can be obtained by calling the Department of Environmental Management, Office of Land Quality, Emergency Response Section: Area Code 1-888-233-7745 for in-state calls (toll free), (317) 233-7745 for out-of-state calls. *(Water Pollution Control Division; 327 IAC 2-6.1-2; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1731; adopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; errata filed May 27, 2008, 2:06 p.m.: 20080625-IR-327080419ACA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

**327 IAC 2-6.1-3 Exclusions**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 3. Notwithstanding any other section of this rule, the reporting requirement of this rule does not apply to the following occurrences:

- (1) Discharges or exceedances that are under the jurisdiction of an applicable permit when the substance in question is covered by the permit and death or acute injury or illness to animals or humans does not occur.
- (2) Lawful application of materials, including, but not limited to:
  - (A) commercial or natural fertilizers and pesticides on or to land or water; or
  - (B) dust suppression materials.
- (3) The application of petroleum necessary for construction that does not damage waters of the state.
- (4) Spills of less than one (1) pound or one (1) pint.
- (5) Spills of integral operating fluids, in the use of motor vehicles or other equipment, the total volume of which is less than or equal to fifty-five (55) gallons and which do not damage waters of the state.
- (6) Oil sheens produced as a result of the normal operation of properly functioning watercraft.
- (7) A release of a substance integral to a spill response activity that has been approved and authorized by a state or federal on-scene coordinator.

*(Water Pollution Control Division; 327 IAC 2-6.1-3; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1731; errata filed Mar 7, 1997, 2:25 p.m.: 20 IR 1738; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed*

Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)

### 327 IAC 2-6.1-4 Definitions

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17; IC 14-8-2-7; IC 14-25-7-13; IC 14-25-7-15

Sec. 4. In addition to the definitions contained in IC 13-11-2-17(d), IC 13-11-2-35(a), IC 13-11-2-51, IC 13-11-2-158(a), IC 13-11-2-160, IC 13-11-2-260, IC 13-11-2-265, and in 327 IAC 1, the following definitions apply throughout this rule:

- (1) "Animal" means all mammals, birds, reptiles, amphibians, fish, crustaceans, and mollusks.
- (2) "Aquatic life" means those plants and macroinvertebrates that are dependent upon an aquatic environment.
- (3) "Contain" means to take such immediate action as necessary to dam, block, restrain, or otherwise act to most effectively prevent a spill from entering waters of the state or minimize damage to the waters of the state from a spill.
- (4) "Damage" means the actual or imminent alteration of the waters of the state so as to render the waters harmful, detrimental, or injurious to:
  - (A) public health, safety, or welfare;
  - (B) domestic, commercial, industrial, agricultural, or recreational uses; or
  - (C) animals or aquatic life.
- (5) "Downstream water user" means:
  - (A) a community public water supply, as identified by the department of natural resources under IC 14-25-7-13(d);
  - (B) a significant water withdrawal facility as registered with the department of natural resources under IC 14-25-7-15;
  - (C) users of recreational waters; or
  - (D) any other user made known to the person who has a spill.
- (6) "Extremely hazardous substance" means a substance identified pursuant to 42 U.S.C. 11002 and 11004. (40 CFR 355 Appendix A.)
- (7) "Facility" means all land, buildings, equipment, structures, and other stationary items that are located on single site or on contiguous sites and that are owned or operated by the same person or by any person who controls, is controlled by, or is under common control with, such person.
- (8) "Facility boundary" means the boundary of a facility or an easement or right-of-way.
- (9) "Hazardous substance" has the meaning set forth in 42 U.S.C. 9601(14).
- (10) "Mode of transportation" includes, but is not limited to, carriage by:
  - (A) rail and motor vehicles;
  - (B) aircraft;
  - (C) watercraft;
  - (D) pipelines; or
  - (E) other means of transportation;in commerce. This definition excludes carriage within a facility by transportation equipment owned, operated, or controlled by that facility.
- (11) "Objectionable substances" means substances that are:
  - (A) of a quantity and a type; and
  - (B) present for a duration and in a location;so as to damage waters of the state. This definition excludes hazardous substances, extremely hazardous substances, petroleum, and mixtures thereof.
- (12) "On-scene coordinator" means a state or federal official designated by the department, the United States Environmental Protection Agency, or the United States Coast Guard to direct and coordinate special spill response activities.
- (13) "Recreational waters" means any water used for:
  - (A) boating, swimming, fishing, hunting, trapping, or wildlife viewing; or
  - (B) public access areas that are owned by the department of natural resources or the federal government;



as listed by the department.

(14) "Reportable quantity" means the amount of a hazardous substance or extremely hazardous substance that is required to be reported under federal law under 42 U.S.C. 9602(a) and (b) and 42 U.S.C. 9603(a). (40 CFR 302.4 or 40 CFR 355Appendix A.)

(15) "Spill" means any unexpected, unintended, abnormal, or unapproved dumping, leakage, drainage, seepage, discharge or other loss of petroleum, hazardous substances, extremely hazardous substances, or objectionable substances. The term does not include releases to impermeable surfaces when the substance does not migrate off the surface or penetrate the surface and enter the soil.

(16) "Spill response", for purposes of this rule, means the following:

- (A) The spill is contained; and
- (B) Free material is removed or neutralized.

(17) "Spill report" means an oral report that includes the following information about a spill, to the extent that the information is known at the time of the report:

- (A) The name, address, and telephone number of the person making the spill report.
- (B) The name, address, and telephone number of a contact person if different from clause (A).
- (C) The location of the spill.
- (D) The time of the spill.
- (E) The identification of the substance spilled.
- (F) The approximate quantity of the substance that has been or may further be spilled.
- (G) The duration of the spill.
- (H) The source of the spill.
- (I) Name and location of the waters damaged.
- (J) The identity of any response organization responding to the spill.
- (K) What measures have been or will be undertaken to perform a spill response.
- (L) Any other information that may be significant to the response action.

(18) "Waters", as defined in IC 13-11-2-265, means the accumulations of water, surface and underground, natural and artificial, public and private, or parts thereof, that are wholly or partially within, flow through, or border upon this state. The term does not include any private pond or any off-stream pond, reservoir, or facility built for reduction or control of pollution or cooling of water prior to discharge unless the discharge from the pond, reservoir, or facility causes or threatens to cause water pollution.

*(Water Pollution Control Division; 327 IAC 2-6.1-4; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1731; errata filed Mar 7, 1997, 2:25 p.m.: 20 IR 1738; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR- 327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

### **327 IAC 2-6.1-5 Reportable spills; facility**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 5. The following spills from a facility must be reported:

- (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals.
- (2) Spills from a facility that has been notified in writing by a water utility that it is located in a delineated public water supply wellhead protection area as approved by the department under 327 IAC 8-4.1 that are spills of:
  - (A) hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less;
  - (B) petroleum when the amount spilled exceeds fifty-five (55) gallons; or
  - (C) objectionable substances as defined in section 4(11) of this rule.
- (3) Spills that damage waters of the state and that are located:
  - (A) within fifty (50) feet of a known private drinking water well located beyond the facility property boundary; or
  - (B) within one hundred (100) yards of:

- (i) any high quality water classified as an outstanding state resource water listed in 327 IAC 2-1-11(b), 327 IAC 2-1.3-3(d), or 327 IAC 2-1.5-19(b), excluding Lake Michigan;
- (ii) any water designated as capable of supporting a salmonid fishery pursuant to 327 IAC 2-1-6(c)(1) or 327 IAC 2-1.5-5(a)(3), except Lake Michigan; or
- (iii) any water that is a fish hatchery, fish and wildlife area, nature preserve, or recreational water owned by the department of natural resources or the federal government.

(4) For any spill that does not meet the criteria in subdivisions (1) through (3), the following must be reported:

- (A) Spills to surface waters that include one (1) or more of the following:
  - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less.
  - (ii) Petroleum of such quantity as to cause a sheen upon the waters.
  - (iii) Objectionable substances as defined in section 4(11) of this rule.
- (B) Spills to soil beyond the facility boundary that include one (1) or more of the following:
  - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less.
  - (ii) Petroleum when the amount spilled exceeds fifty-five (55) gallons.
  - (iii) Objectionable substances as defined in section 4(11) of this rule.
- (C) Spills to soil within the facility boundary that include one (1) or more of the following:
  - (i) Hazardous substances or extremely hazardous substances when the amount spilled exceeds the reportable quantity.
  - (ii) Petroleum when the spilled amount exceeds one thousand (1,000) gallons.
  - (iii) Objectionable substances as defined in section 4(11) of this rule.

(5) Any spill for which a spill response has not been done.

*(Water Pollution Control Division; 327 IAC 2-6.1-5; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1732; errata filed Mar 7, 1997, 2:25 p.m.: 20 IR 1738; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Nov 10, 2014, 1:51 p.m.: 20141210-IR-327130290FRA)*

### **327 IAC 2-6.1-6 Reportable spills; transportation**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 6. The following spills from a mode of transportation must be reported:

- (1) Spills that damage the waters of the state so as to cause death or acute injury or illness to humans or animals.
- (2) Spills that damage surface waters.
- (3) Spills to soil:
  - (A) spills of hazardous substances or extremely hazardous substances when the amount spilled exceeds one hundred (100) pounds or the reportable quantity, whichever is less;
  - (B) spills of petroleum when the amount spilled exceeds fifty-five (55) gallons; or
  - (C) spills of objectionable substances as defined in section 4(11) of this rule.

(4) Any spill for which a spill response has not been done.

*(Water Pollution Control Division; 327 IAC 2-6.1-6; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1733; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

### **327 IAC 2-6.1-7 Reportable spills; responsibilities**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 7. Any person who operates, controls, or maintains any mode of transportation or facility from which a spill occurs shall, upon discovery of a reportable spill to the soil or surface waters of the state, do the following:

- (1) Contain the spill, if possible, to prevent additional spilled material from entering the waters of the state.
- (2) Undertake or cause others to undertake activities needed to accomplish a spill response.
- (3) As soon as possible, but within two (2) hours of discovery, communicate a spill report to the Department of Environmental Management, Office of Land Quality, Emergency Response Section: Area Code 1-888-233-7745 for in-state calls (toll free), (317) 233-7745 for out-of-state calls. If new or updated spill report information becomes known that indicates a significant increase in the likelihood of damage to the waters of the state, the responsible party shall notify the department as soon as possible but within two (2) hours of the time the new or updated information becomes known.
- (4) Submit to the Indiana Department of Environmental Management, Office of Land Quality, Emergency Response Section (MC 66-30), 2525 N. Shadeland Ave., Suite 100, Indianapolis, IN 46219-1787, a written copy of the spill report if requested in writing by the department.
- (5) Except from modes of transportation other than pipelines, exercise due diligence and document attempts to notify the following:
  - (A) For spills to surface water that cause damage, the nearest affected downstream water user located within ten (10) miles of the spill and in the state of Indiana; and
  - (B) For spills to soil outside the facility boundary, the affected property owner or owners, operator or operators, or occupant or occupants.

*(Water Pollution Control Division; 327 IAC 2-6.1-7; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1733; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1936; errata filed Oct 20, 2006, 10:08 a.m.: 20061101-IR-327060497ACA; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; errata filed May 27, 2008, 2:06 p.m.: 20080625-IR-327080419ACA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

### **327 IAC 2-6.1-8 Emergency spill response actions**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 8. Notwithstanding any other section of this rule, emergency spill response actions take precedence over reporting requirements, and when emergency spill response activities render spill reporting inconsistent with effective response activities, communication of the spill report to the Indiana department of environmental management may be delayed. In situations where the spill report is delayed, the burden of proving the need for the delay shall be upon the responsible person.

*(Water Pollution Control Division; 327 IAC 2-6.1-8; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1734; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

### **327 IAC 2-6.1-9 Compliance confirmation**

Authority: IC 13-14-8-7

Affected: IC 13-11-2; IC 13-18-1; IC 13-18-3; IC 13-18-8; IC 13-18-17

Sec. 9. When spill reporting and response, as provided for in this rule, has occurred, the department shall, upon request, issue a letter confirming compliance with this rule and stating that no further action is required under this rule.

*(Water Pollution Control Division; 327 IAC 2-6.1-9; filed Feb 25, 1997, 1:00 p.m.: 20 IR 1734; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA)*

## APPENDIX H: QUARTERLY INSPECTION CHECKLIST

All stormwater management measures, and stormwater run-off conveyances must be inspected quarterly. Any corrective actions or improvements taken as a result of the inspections must also be documented on this form.

NAME OF PERSON(S) CONDUCTING INSPECTION:	INSPECTION DATE:		
		YES	NO
A. Is good housekeeping noted in outside areas? This includes minimizing outside storage of materials and maintaining a clean work environment to reduce potential for pollutants to enter stormwater.			
B. Are there any signs of leaking fluids outside from trucks or equipment?			
C. Are all storm drains and outfalls clean and free of debris?			
D. Have measures been taken or continued to minimize exposure of industrial activities to stormwater run-on and run-off?			
E. Are all areas where potential sources of pollutants (chemicals, fine particles, trash) are exposed to stormwater kept clean by sweeping, proper storage, organization, and labeling?			
F. Are measures in place to minimize soil erosion?			
G. Is all industrial equipment maintained to avoid situations that may result in leaks, spills, and other pollutants to stormwater?			
H. Are containers that could release pollutants to stormwater labeled properly and plainly?			
I. Are spill barriers such as curbs, dikes, or secondary containment present and in good repair?			
J. Are spill procedures (spill plans, absorbents, spill training, agency notification) in place?			
K. Are measures used to minimize and control pollutants in runoff such as detention ponds in place and in good condition?			
L. Is dust and off-site tracking of industrial materials by vehicles minimized?			
M. Is debris, oily sheen, or other evidence of contaminants present in drainage swale?			
N. Is the baghouse operating properly to minimize the release of dust to the environment and have the bags been changed out, if needed?			
O. Are facility spill kits stocked?			
P. Have any new potential pollutants been identified?			
Q. Do changes need to be made to this written plan as a result of the inspection?			
COMMENTS AND CORRECTIVE ACTIONS	DUE DATE	RESPONSIBLE PARTY	

**APPENDIX I: EMPLOYEE TRAINING PROGRAM**

Employee training must take place annually, to inform personnel at all levels of responsibility that have the potential to engage in industrial activities that impact stormwater quality of the components and goals of the SWPPP.

**SUGGESTED TRAINING TOPICS**

- Identify pollution prevention team members and associated responsibilities.
- Emphasize good housekeeping and the importance of keeping materials and equipment in their proper locations.
- Discuss best management practices to ensure their effectiveness.
- Discuss conducting regular inspections of outside storage areas and drainage points.
- Identify locations to collect stormwater samples and procedures to submit results and annual reports.
- Identify potential for spills or leaks, and the drainage pathways that could be involved.
- Review spill response procedures and communicate these procedures to employees.

**TRAINING CLASS INFORMATION**

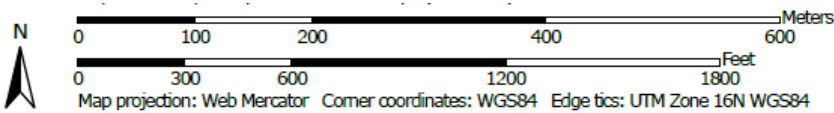
<b>TRAINER:</b>	
-----------------	--

<b>TRAINING DATE:</b>	
-----------------------	--

<b>ATTENDEE NAME</b>	<b>SIGNATURE:</b>

**RECOMMENDATIONS / SUGGESTIONS**


APPENDIX J: SOILS MAP



**SONOCO FLEXIBLE PACKAGING**  
**6502 SOUTH U.S. HIGHWAY 31**  
**EDINBURGH, INDIANA 46124**

MAP UNIT SYMBOL	MAP UNIT NAME
CrA	Crosby silt loam, fin-loamy subsoil, 0 to 2 percent slopes
FoB2	Fox loam, 2 to 6 percent slopes, eroded
MnB2	Miami silt loam, 2 to 6 percent slopes, eroded
MnC2	Miami silt loam, 6 to 12 percent slopes, eroded
MnD2	Miami silt loam, 18 to 25 percent slopes
MnE	Miami silt loam, 18 to 25 percent slopes
ObaA	Ockley loam, 0 to 2 percent slopes
We	Westland clay loam

**3.2 SOILS MAP**



APPENDIX K: NOTICE OF INTENT LETTER





Indiana Department of Environmental Management

Rule 6 Coordinator

100 N. Senate Avenue

Mail Code 65-42, Room 1255

Indianapolis, IN 46204-2251

Rule 6 Coordinator,

This letter is to notify you that Sonoco Flexible Packaging (INRM01786) is applying for Rule 6 renewal. Please find the attached NOI letter and Annual Report. Attached is also a copy of the public notice. Additionally, a check for the \$50 NOI fee was mailed directly from Sonoco to IDEM on 10/8/20. Please apply that check to this renewal. Please contact me at 812-526-5511 ext. 297 or at [lucas.ricke@sonoco.com](mailto:lucas.ricke@sonoco.com) if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'LR', is written over the name 'Luke Ricke'.

Luke Ricke

Environmental, Health and Safety Coordinator

Sonoco Flexible Packaging

Enclosures



# RULE 6 NOTICE OF INTENT (NOI) LETTER

State Form 51286 (R8 / 2-15)  
Approved by State Board of Accounts, 2010  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Mail this form to:  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
STORM WATER PROGRAM – IGCN, Room 1255  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

Web Access: [www.idem.IN.gov/4896.htm](http://www.idem.IN.gov/4896.htm)

- NOTE:**
- This form must be used to apply for a general NPDES permit pursuant to 327 IAC 15-6.
  - Please type or print in ink.

For questions regarding this form, required addenda, and permit requirements contact the IDEM Storm Water Permit Coordinator at telephone number (317) 233-1864 or (800) 451-6027, ext. 31864 (within Indiana)

EXCLUSIONS	
Permit coverage under 327 IAC 15-6 applies to all entities that:	
1.	are not required to obtain an individual NPDES permit under 327 IAC 15-2-9(b);
2.	meet the general permit rule applicability requirements under 327 IAC 15-2-3;
3.	have not received an approved "No Exposure" exclusion for storm water permitting;
4.	have a discharge composed entirely of storm water and allowed non-storm water contributions; and
5.	operate, maintain, or otherwise have responsibility for an industrial facility meeting the applicability requirements of 327 IAC 15-6-2.

APPLICATION TYPE (check one)	
<input type="checkbox"/>	Initial NOI letter
<input checked="" type="checkbox"/>	Renewal NOI letter
<input type="checkbox"/>	Amended NOI letter
Was there a change of ownership since the last NOI letter?	
<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

## PART A: GENERAL INFORMATION FOR FACILITY

1. Name of facility						Sonoco Flexible Packaging					
2. Standard Industrial Classification (SIC) Code for the facility (4 digits)						2671					
3. Address of facility location						6502 S US 31					
City: Edinburgh				ZIP code: 46124		County: Johnson					
4. Longitude and Latitude of the approximate center of the facility to the nearest fifteen (15) seconds											
Decimal Longitude: -85.988301						Decimal Latitude: 39.381753					
LONGITUDE						LATITUDE					
Degrees		Minutes		Seconds		Degrees		Minutes		Seconds	
-85°		59'		17.8836"		39°		22'		54.3108"	
5. Name of On-site Facility Contact						Luke Ricke					
6. Title of On-site Facility Contact						EHS Supervisor					
7. Telephone number of On-site Facility Contact						812*-526-5511 ext 297					
8. Facsimile numbr of On-site Facility Contact (if applicable)											
9. E-mail address of On-site Facility Contact (if applicable)						lucas.ricke@sonoco.com					
10. Has the facility been issued a past or present NPDES permit? (if yes, provide permit numbers)						<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No		
Permit Number(s):		IN- INRM01786		IN- 0003409		IN-		IN-			
11. Brief narrative description of the industrial processes performed at the facility (attach additional sheets if necessary) The facility manufactures flexible packaging. Sonoco converts raw polyethylene, polypropolene, papers and aluminum foil into flexible packaging material via lamination and coating as well as rotogravure printing . (SIC Codes 2758 and 2754). Markets include pharmaceutical, confection and industrial sites.											

**PART B:  
 GENERAL INFORMATION FOR RESPONSIBLE INDIVIDUAL**

12. Name of Responsible Individual	Michael Leuck		
13. Title of Responsible Individual	Plant Manager		
14. Mailing address of Responsible Individual	6502 S US 31		
City	Edinburgh	State	IN ZIP code 46124
15. Telephone number of Responsible Individual	812-526-5511 ext 230		
16. Facsimile number of Responsible Individual (if applicable)			
17. E-mail address of Responsible Individual (if applicable)	michael.leuck@sonoco.com		

**PART C:  
 GENERAL INFORMATION FOR BILLING CONTACT**

18. Name of Billing Contact	same		
19. Title of Billing Contact			
20. Mailing address of Billing Contact			
City		State	ZIP code
21. Telephone number of Billing Contact			
22. Facsimile number of Billing Contact (if applicable)			
23. E-mail address of Billing Contact (if applicable)			

**PART D: (CORPORATIONS ONLY) GENERAL INFORMATION FOR REGISTERED AGENT**

24. Name of Registered Agent	same		
25. Title of Registered Agent			
26. Mailing address of Registered Agent			
City		State	ZIP code
27. Telephone number of Registered Agent			
28. Facsimile number of Registered Agent (if applicable)			
29. E-mail address of Registered Agent (if applicable)			

**PART E:  
 GENERAL INFORMATION FOR STORM WATER DISCHARGE(S) FROM FACILITY**

30. Identification of the number and location of each outfall where storm water exposed to industrial activity discharges to a water of the state, including a narrative description of the industrial activity associated with the drainage area of each identified outfall
Railcar resin unload spur: US-31 swale via Outfall 002 Railcar resin unload spur, resin silos, employee parking: US-31 swale via Outfall 002 Roof drains, US-31 swale via Outfall 003 Storage Shelter, solvent unload area, and south road; percolates into ground via Outfall 004 (drywell) Outside docks, empty drum and recyclables storage area, ink storage buildings and south road; percolates into ground via Outfall 005 and Outfall 006 (drywells) Outside docks, compacto, empty tote and recyclables storage area and west road; percolates into ground via Outfall 007, Outfall 008 and Outfall 009 (drywells) West road and roof drains; percolate into ground via Outfall 010, Outfall 011, and Outfall 012 (drywells) West road, nitrogen storage and regenerative thermal oxidizers; percolate into ground via Outfall 012 and Outfall 013 (drywells) North road, unload docks and resin unload and storage; percolates into ground via Outfall 014 (drywell)
31. Identification of any outfalls, listed above in item 30, that are substantially similar (Include reason as to why outfalls are deemed similar)
NA
32. Identification of the outfall(s) to be monitored as representative of all such discharges
002, 015
33. Identification of receiving water(s) for the storm water discharge outfall(s) identified above in item 30
Sugar Creek
34. Does the facility discharge storm water into a municipal separate storm sewer system (MS4)? (If yes, provide the name of the MS4)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Name of the MS4 entity NA

**PART F: MATERIALS TO BE SUBMITTED WITH THIS NOI LETTER**

► In addition to the information in Parts A, B, C, and D facility representative must provide the following (check when completed)

- 1)  Proof of publication in a newspaper of largest circulation in the affected area. The proof of publication **Must** include "(Facility name, address, address of the location of the discharging facility, and the stream(s) receiving the discharge(s)) is submitting an NOI letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-6 to discharge storm water exposed to industrial activities."

Notices without the proper information will not be sufficient, and IDEM will require that a new notice be placed in the newspaper. The actual proof of publication from the newspaper should be submitted. If the proof of publication is not available, a legible photocopy of the article, along with the name of the newspaper and the date(s) that the article was run is also acceptable.

**Example:** "Xert Industries (with corporate offices at 10 Willow Lane, Indianapolis, Indiana 46206) is submitting an NOI letter for our facility (located at 5 South Wet Street, Indianapolis, Indiana 46206) to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-6 to discharge storm water exposed to industrial activities. Run-off from the facility will discharge to the White River. Questions or comments should be directed to Walter Water at the above mentioned Xert Industries corporate address."

**PART G: FEES, CERTIFICATION, AND SIGNATURE**

- Upon submission of this NOI letter, the responsible individual or registered agent shall pay a fee in the amount of fifty dollars (\$50). Make all checks and money orders payable to "IDEM."
- Pursuant to 327 IAC 15, the fee is **NOT**:
  - Transferable from one (1) facility location to another;
  - Transferable from one (1) person to another;
  - Transferable to any other type of permit issued by IDEM; or
  - Refundable.

Unless requested by the responsible individual or registered agent and approved by IDEM within three (3) days of submittal to IDEM or prior to the NOI letter processing by IDEM, whichever is earlier.

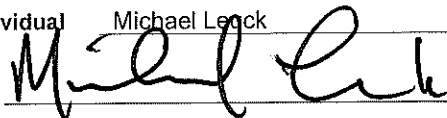
- There is also an annual fee of one hundred dollars (\$100), for which you will be billed.
- Pursuant to 327 IAC 15, the NOI letter is **NOT**:
  - Transferable from one (1) facility location to another (a new NOI letter is required for each facility location);
  - Transferable from one (1) facility name to another at the same location (a new NOI letter is required for a name change to the facility location).
- Pursuant to 327 IAC 15, the annual fee requirement is terminated:
  - When a written request for the "no exposure" exclusion from the facility is approved by IDEM;
- When a period of five (5) years passes, from the date of the NOI letter submittal. (Within ninety (90) days from the five (5) year permit term ending, a new, reapplication NOI letter must be submitted.)
- Allow a minimum of four (4) weeks for processing the NOI letter information and receipt of your Notice of Sufficiency.
- Make sure you have completed all appropriate sections of this NOI letter and have included all required addenda. Sign and date the NOI letter and return it to the address shown on page one (1) of this NOI letter. Incomplete or incorrect NOI letters will result in a delay in processing and issuance of your Notice of Sufficiency.
- Unless not applicable, all information requested in this NOI letter is **MANDATORY** for the administration and processing of your permit pursuant to 327 IAC 15-6. All data received will be regarded as a public record.

► The persons listed in "Part B: Responsible Individual" must sign the following certification statement:

*"By signing this NOI letter, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Type or print Name of Responsible Individual Michael Leuck

Signature of Responsible Individual



Date 10/20/2020  
(mm/dd/year)

Page : 1 of 1 10/19/2020 09:17:41

Order Number : 60062330  
PO Number :  
Customer : F13515700 Sonoco Flexible Pkg./Legal  
Contact :  
Address1 : 6502 S. US 31  
Address2 :  
City St Zip : Edinburgh IN 46124  
Phone : (812) 526-5511  
Fax :  
Credit Card :  
Printed By : Cindy Warren  
Entered By : Cindy Warren

Keywords : Legal Advertisement Sonoco Flexible Packaging is s  
Notes :  
Zones :

Ad Number : 50078626  
Ad Key :  
Salesperson : 83 - DJ Unassigned  
Publication : Daily Journal  
Section : 60 Notices  
Sub Section : 60 Notices  
Category : 6015 Legals  
Dates Run : 10/08/2020-10/08/2020  
Days : 1  
Size : 1 x 1.75, 18 lines  
Words : 66  
Ad Rate : L-Variance  
Ad Price : 28.80  
Amount Paid : 0.00  
Amount Due : 28.80

---

**Legal Advertisement**

Sonoco Flexible Packaging is submitting an NOI letter for our facility at 6502 S US 31 Edinburgh IN, 46124 to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-6 to discharge storm water exposed to industrial activities. Run-off from the facility will discharge to an unknown tributary of Sugar Creek.  
60062330 hspaxlp  
(J) 10-08-2020

# DAILY JOURNAL

Prescribed by State Board of Accounts

General Form No. 99P (Rev. 2009A)

Attn: Accounts Payable  
Name: Sonoco  
Order: 60062330  
NOI  
(Governmental Unit)

Daily Journal  
30 Water St. Ste A  
Franklin, IN 46131  
FED I.D. #32-0472774

County: Johnson

## PUBLISHER'S CLAIM

### LINE COUNT

Data for computing costs: Number of lines per column.....	18
Number of Columns.....	1
Number of Insertions.....	1

### COMPUTATION OF CHARGES

18 lines, 1 column x rate of 1.60 per line	28.80
Additional charges for notices containing rule or tabular work (50 per cent of above amount)	\$
Charge for extra proofs of publication (\$5.00 for each proof in excess of two)	\$
<b>TOTAL AMOUNT OF CLAIM</b>	<b>\$ 28.80</b>

Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid. Not paid

### PUBLISHER'S AFFIDAVIT

I, Sally Clark, Legal Advertising Clerk of the Daily Journal Newspaper of general circulation printed and published in the English language in the (city/town) of Franklin in state and county aforesaid, and that the printed matter attached hereto is a true copy, which publication being as follows:

8-Oct-2020

*Sally Clark*

Sally Clark/Legal Advertising Clerk



# RULE 6 INDUSTRIAL STORM WATER GENERAL PERMIT - ANNUAL REPORT

State Form 54185 (12- 09)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- This form must contain information obtained during the previous year of regulation and, for the first submittal, be submitted no later than three hundred sixty-five (365) days from the initial NOI submittal date or the expiration date of the previous five (5) year permit term.
- Subsequent annual report submittals shall be provided no later than three hundred sixty-five (365) days from the previous report in years two (2) through five (5).

**For questions regarding this form, contact:**

IDEM – Rule 6 Coordinator  
100 North Senate Avenue, Room 1255  
Mail Code 65-42  
Indianapolis, IN 46204

Phone: (317) 233-0202 or  
(800) 451-6027, ext. 30202 (within Indiana)

Web Access:  
[www.idem.IN.gov/4901.htm](http://www.idem.IN.gov/4901.htm)

## PART A: GENERAL PERMIT INFORMATION

1. Facility name SONOCO FLEXIBLE PACKAGING	2. Facility Permit Number INRM01786	
3. Facility address 6502 S US 31 N		
4. City EDINBURGH	5. County JOHNSON	6. ZIP code 46124
7. Facility contact person LUKE RICKE		
8. Facility contact phone 812-526-5511	9. E-mail LUCAS.RICKE@SONOCO.COM	

## PART B: GENERAL ANNUAL REPORT INFORMATION

10. Were there any changes to the original Notice of Intent letter? <b>If yes, have these changes been:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Made to the on-site Storm Water Pollution Prevention Plan (SWP3)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
12. Submitted to the Department in an amended Notice of Intent Form?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
13. Were there any changes to the facility?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
14. If yes to question 13, have these changes been included in an amended SWP3?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
15. Were there any changes to the facility operations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
16. Were there any additional potential source pollutants?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
17. Were there any changes to the facility's industrial activities?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
18. If yes to questions 15, 16, or 17 was the SWP3 updated to reflect the facility's changes?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
19. Is there a comparison of sampling data results included in the SWP3 or a reference in the SWP3 to the on-site location where the information is stored? Please include this information in Part D below.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
20. Were there any additional Best Management Practices implemented or corrective measures taken, as a result of sampling data analysis?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
21. If yes to question 20, please list any measures or additional practices implemented	
22. Are good housekeeping practices inspected regularly?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

## PART C: QUARTERLY VISUAL INSPECTIONS

23. Quarterly visual inspections of each storm water management measures and storm water run-off conveyances are required. Below, please list the location of the quarterly inspection (for example outfall number) and the date each outfall was inspected in the previous permit year. If you have more than five (5) locations/outfalls, please include that information in an attachment.

Location of Quarterly Inspection:	Date of Quarterly Inspection			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
all plant premises, outfall 002, 015	03/24/2020	05/20/2020	08/25/2020	10/5/2020

**PART D: COMPARISON TABLE OF SAMPLING RESULTS**

24. A comparison of all sampling data results should be submitted in the box below. Any additional parameter analyzed should be included in the comparison. Write the constituent name in the extra blank boxes below the required eight parameters. Any additional comments can be included in the comments box.

PARAMETER	YEAR 1 RESULT	YEAR 2 RESULT	YEAR 3 RESULT	YEAR 4 RESULT	YEAR 5 RESULT
Oil and Grease (mg/l)	<5.0	<5.0	<5.0	<5.0	<5.0
CBOD5 (mg/l)	6	9	227	18	179
COD (mg/l)	28.7	18.3	380	43.3	349
TSS (mg/l)	6	3	7	5	24
TKN (mg/l)	2.19	<.50	12.3	1.70	4.76
Total Phosphorus (mg/l)	.055	<.08	.230	<.1	.073
pH	6.97	7.48	7.06	6.77	6.87
Nitrate-Nitrite Nitrogen (mg/l)	.67	<.10	.41	.21	.24

**Additional Comments**

**PART E: CERTIFICATION STATEMENT**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of responsible corporate officer or duly authorized representative under 327 IAC 15-4-3(g)

Print Name Michael Leuck

Title Plant Manager

Signature 

Date (month, day, year) 10/26/2020





# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • [www.idem.IN.gov](http://www.idem.IN.gov)

Eric J. Holcomb  
Governor

Bruno L. Pigott  
Commissioner

April 22, 2021

65-42 WQS/RJB  
Michael Leuck  
Sonoco Flexible Packaging  
6502 S US Hwy 31  
Edinburgh, Indiana 46124

Dear Mr. Leuck:

Re: **Notice of Sufficiency (NOS)**  
Industrial Stormwater  
NOI Submittal  
Sonoco Flexible Packaging  
6502 S US Hwy 31  
Edinburgh, IN  
Johnson County  
Permit #: INRM01786

The Notice of Intent (NOI) letter submitted for the above referenced facility has been reviewed for completeness by staff of the Indiana Department of Environmental Management (IDEM). The NOI submittal meets the requirements of the National Pollutant Discharge Elimination System (NPDES) general permit rules for stormwater discharge associated with industrial activity (327 IAC 15-6).

An NPDES general permit number is assigned to each facility that has submitted an NOI to comply with 327 IAC 15-6. This number is used as an identification number and should be included with any future correspondence submitted to IDEM relating to the NPDES general permit for stormwater. The general permit number assigned to this facility is: **INRM01786**.

Permittees can now manage their permit on-line, including permit amendments, renewals, terminations, and exclusions (i.e. no exposure) through the Regulatory Service Portal (RSP). The RSP may be accessed at <http://www.in.gov/idem/5964.htm>.

A permit issued under 327 IAC 15-6 is valid for a period of five (5) years from the date the Department receives the NOI letter. This facility has a permit start date of **January 25, 2021**. The permit start date is the date the permit is effective at your facility and will establish the schedule for the submittal of all required elements specified in the Rule.

It is important that all activities associated with your facility are in compliance with the requirements of 327 IAC 15-6 (Rule 6). The following are dates, based on the permit start date for which information is to be submitted to IDEM.

1. A Stormwater Pollution Prevention Plan Checklist (State Form 51287) of the general permit rule must be submitted no later than three hundred sixty-five (365) days from **January 25, 2021**. The submittal of a checklist is required for all initial and renewal NOI letters.
2. An Industrial Stormwater Discharge Monitoring Report (State Form 53590) shall be submitted annually. Permit year one (1) stormwater discharge monitoring report must be submitted no later than three hundred sixty-five (365) days from **January 25, 2021**. Please refer to 327 IAC 15-6-7.3 for guidance on the required information to be included with your analytical results submittal.
3. An Annual Report (State Form 54185) shall be submitted annually to IDEM containing information from the previous year of regulation. Permit year one (1) annual report must be submitted no later than three hundred sixty-five (365) days from **January 25, 2021**.

For additional information related to permit requirements, please refer to 327 IAC 15-6 and the stormwater program website at <http://www.in.gov/idem/stormwater/>. Program forms are available on the program website or on the Forms Page at <http://www.in.gov/idem/5157.htm> (Scroll to the bottom of the page, the forms are listed under the heading Stormwater and Wetlands).

The General Permit issued for the above referenced facility will expire on **January 24, 2026**. Permittees who continue to operate shall submit a renewal NOI letter not less than ninety (90) days prior to the expiration date.

Any questions regarding this letter may be directed to the Stormwater Permit Coordinator at 317-233-1864 or 800-451-6027, extension 1864. Questions may also be emailed to the program email account of Stormwat@idem.IN.gov.

Sincerely,



Randy J. Braun, CPESC, CPMSM  
Section Chief  
Stormwater and Wetlands  
Office of Water Quality

APPENDIX L: INDIANA STORMWATER PERMIT

# ARTICLE 15. NPDES GENERAL PERMIT RULE PROGRAM

## Rule 1. General Provisions

### 327 IAC 15-1-1 Purpose

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 1. The purpose of this article is to establish NPDES administrative general permit authority for certain classes or categories of discharges, except those covered by individual permits, within a geographical area within the state. (*Water Pollution Control Division; 327 IAC 15-1-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 15; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

### 327 IAC 15-1-2 Definitions

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 2. In addition to the definitions contained in IC 13-11-2 and 327 IAC 5-1.5, the following definitions apply throughout this article:

(1) "Existing discharge" means any point source discharge of process or storm water which occurs either continuously or intermittently from a property at the time coverage under an individual NPDES permit is being sought.

(2) "General permit rule boundary" means an area based upon existing geographic or political boundaries indicating the area within which a facility affected by this article is located.

(3) "Individual NPDES permit" means an NPDES permit issued to one (1) facility which contains requirements specific to that facility.

(4) "Notice of intent letter" or "NOI" means a written notification indicating a person's intention to comply with the terms of a specified general permit rule in lieu of applying for an individual NPDES permit and includes information as required under 327 IAC 15-3 and the applicable general permit rule.

(5) "Storm water" means water resulting from rain, melting or melted snow, hail, or sleet.

(*Water Pollution Control Division; 327 IAC 15-1-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 15; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

### 327 IAC 15-1-3 Department request for data

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 3. (a) The commissioner may, in a general permit issued under this article, require any person who is subject to this article to:

(1) establish and maintain such records;

(2) make such reports;

(3) install, use, and maintain such monitoring equipment or methods (including, where appropriate, biomonitoring methods);

(4) sample such effluents, internal wastestreams where appropriate, or other material; and

(5) provide such other data, including, but not limited to, raw materials, catalysts, intermediate products, byproducts, production rates, and related process information;

at such locations, at such times, and in such a manner, as the commissioner may reasonably prescribe.

(b) Sampling of internal wastestreams under subsection (a)(4) and the provisions of data under subsection (a)(5) shall not be required by the commissioner unless:

(1) such data are reasonably expected to facilitate the identification or quantification of pollutants which may be released to the environment from facilities operated by the person to whom the request is made, and the identification or

quantification of such pollutants could not reasonably be made by the commissioner in the absence of the requested information; or

(2) such data are necessary to properly control wastewater treatment processes.

*(Water Pollution Control Division; 327 IAC 15-1-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 16; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

### **327 IAC 15-1-4 Enforcement**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4; IC 13-30

Sec. 4. This article shall be enforced as provided in IC 13-30. *(Water Pollution Control Division; 327 IAC 15-1-4; filed Aug 31, 1992, 5:00 p.m.: 16 IR 16; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

## **Rule 2. Basic NPDES General Permit Rule Requirements**

### **327 IAC 15-2-1 Purpose and scope**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2-79; IC 13-18-3-15; IC 13-18-4

Sec. 1. This rule defines the basic programmatic requirements of the NPDES general permit program to be administered by the commissioner consistent with NPDES requirements under the Clean Water Act, as defined at IC 13-11-2-79. *(Water Pollution Control Division; 327 IAC 15-2-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 16; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

### **327 IAC 15-2-2 NPDES general permit requirements**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4; IC 13-18-12-9

Sec. 2. (a) The commissioner may regulate the following discharges under an NPDES general permit:

(1) Storm water discharges associated with industrial activity, as defined in 40 CFR 122.26(b)(14) consistent with the EPA 2008 NPDES Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity, as modified, effective May 27, 2009.

(2) Storm water discharges associated with construction activity consistent with the EPA 2012 NPDES General Permit for Discharges from Construction Activities effective February 16, 2012.

(3) Small municipal separate storm sewer system discharges consistent with EPA's general permit requirements for small municipal separate storm sewer systems (MS4s) in 40 CFR 122, Subpart B.

(4) Discharges of pesticides to waters of the state consistent with EPA's NPDES Pesticide General Permit (PGP) for Point Source Discharges to Waters of the United States from the Application of Pesticides, effective October 31, 2011.

(5) Discharges of treated sewage from on-site residential sewage discharging disposal systems within the Allen County on-site waste management district for which an operating permit has been issued pursuant to IC 13-18-12-9.

(6) Such other categories or subcategories of discharges or sludge use or disposal practices or facilities, sites, and entities operating within the state that:

(A) involve the same or substantially similar types of operations;

(B) discharge the same types of wastes;

(C) require the same effluent limitations, or operating conditions; and

(D) require the same or similar monitoring requirements;

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consistent with the federal NPDES permit program administered by the EPA.

(b) The commissioner may determine that an individual permit must be obtained under section 9 of this rule.

(c) Each general permit issued by the commissioner must meet the criteria for general permits in 40 CFR 122.28.

(d) As provided in 40 CFR 122.28(b)(2)(v), the commissioner may authorize a person to discharge under a general permit without submitting a notice of intent if the commissioner finds that a notice of intent would be inappropriate. However, this provision does not apply to discharges from:

- (1) publicly owned treatment works;
- (2) combined sewer overflows;
- (3) municipal separate storm sewer systems;
- (4) primary industrial facilities; and
- (5) storm water discharges associated with industrial activity.

*(Water Pollution Control Division; 327 IAC 15-2-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 16; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**327 IAC 15-2-2.3 Public notice and comment**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 2.3. The commissioner shall make draft general permits available for public comment for not less than thirty (30) days, consistent with Section 402 of the Clean Water Act (33 U.S.C. 1342). *(Water Pollution Control Division; 327 IAC 15-2-2.3; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**327 IAC 15-2-3 NPDES general permit applicability requirements**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 3. (a) A general permit may regulate all designated categories of discharges for which a general permit exists except:

- (1) as provided under section 6 or 9 of this rule or the applicable general permit; and
- (2) discharges meeting the applicability requirements of a general permit that are already subject to individual NPDES permits prior to the effective date of a general permit.

(b) Persons excluded from general permit regulation solely because they have an existing individual NPDES permit may request to be regulated under a general permit and may request that the individual NPDES permit be revoked or modified to remove the discharge from the existing permit. Upon revocation or expiration of the individual NPDES permit, the general permit shall apply to such discharges regulated under this article. This allowance to change from an individual NPDES permit to a general NPDES permit does not apply to municipal separate storm sewer system permittees who were issued an individual NPDES permit before January 1, 2000.

(c) A person that holds an individual NPDES permit may have discharges regulated under an applicable general permit if such discharges are not addressed in the individual permit. *(Water Pollution Control Division; 327 IAC 15-2-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 17; filed Oct 27, 2003, 10:15 a.m.: 27 IR 830; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

**327 IAC 15-2-4 Administrative requirement for NPDES general permit rules (Repealed)**

Sec. 4. *(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**327 IAC 15-2-5 Notice of intent letter**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

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Sec. 5. (a) Except as provided in 40 CFR 122.28(b)(2)(v), any person seeking to obtain an NPDES general permit shall submit an NOI letter in accordance with the requirements of the applicable general permit.

(b) An NOI letter shall be submitted to the commissioner by the time specified in the applicable general permit. (*Water Pollution Control Division; 327 IAC 15-2-5; filed Aug 31, 1992, 5:00 p.m.: 16 IR 17; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**327 IAC 15-2-6 Exclusions**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 6. (a) Except as provided in subsection (b), an individual NPDES permit issued under 327 IAC 5 is required for a discharge:

(1) to a receiving stream identified as an:

(A) outstanding state resource water; or

(B) outstanding national resource water;

as defined under IC 13-11-2-149.6 or IC 13-11-2-149.5, respectively; or

(2) that would significantly lower the water quality as defined under 327 IAC 2-1.3-2(50) of such a water downstream of the discharge.

(b) A discharge to an outstanding national resource water or outstanding state resource water that consists only of storm water may be permitted under this article if the commissioner determines the discharge will not significantly lower the water quality as defined under 327 IAC 2-1.3-2(50) of such a water downstream of that discharge. (*Water Pollution Control Division; 327 IAC 15-2-6; filed Aug 31, 1992, 5:00 p.m.: 16 IR 17; filed Jan 14, 1997, 12:00 p.m.: 20 IR 1476; filed Oct 27, 2003, 10:15 a.m.: 27 IR 830; filed May 29, 2012, 3:19 p.m.: 20120627-IR-327080764FRA; filed Nov 10, 2014, 1:51 p.m.: 20141210-IR-327130290FRA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**327 IAC 15-2-7 Effect of general permit rule**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 4-22-2; IC 13-11-2; IC 13-18-4

Sec. 7. (a) Compliance with a general permit rule constitutes compliance with all applicable standards and limitations of the CWA and state law.

(b) Compliance with an applicable general permit rule does not:

(1) convey any property rights of any sort or any exclusive privileges;

(2) authorize any injury to persons or private property or invasion of other private rights or any infringement of federal, state, or local laws or regulations; or

(3) preempt any duty to obtain state or local assent required by law for the discharge or for construction or operation of the facility from which the discharge is made.

(*Water Pollution Control Division; 327 IAC 15-2-7; filed Aug 31, 1992, 5:00 p.m.: 16 IR 17; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**327 IAC 15-2-8 Transferability of notification requirements**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 4-22-2; IC 13-11-2; IC 13-18-4

Sec. 8. (a) Unless other requirements are found within specific rules under this article, compliance with the NOI letter submission requirements under this article may be transferred if the following occurs:

(1) The current permittee notifies the commissioner at least thirty (30) days in advance of the proposed transfer date in subdivision (2).

(2) A written agreement containing a specific date for transfer of permit responsibility and coverage between the current

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permittee and the transferee (including acknowledgment that the existing permittee is liable for violations up to that date and that the transferee is liable for violations from that date on) is submitted to the commissioner.

(3) The transferee certifies in writing to the commissioner intent to operate the facility without making such material and substantial alterations or additions to the facility as would significantly change the nature or quantities of pollutants discharged.

(b) The commissioner may require that a new NOI letter be submitted rather than agreeing to the transfer of the NOI letter requirements. (*Water Pollution Control Division; 327 IAC 15-2-8; filed Aug 31, 1992, 5:00 p.m.: 16 IR 18; filed Oct 27, 2003, 10:15 a.m.: 27 IR 831*)

**327 IAC 15-2-9 Special requirements for NPDES general permits**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 4-21.5; IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 9. (a) The commissioner may require any person either with an existing discharge subject to the requirements of this article or who is proposing a discharge that would otherwise be subject to the requirements of this article to apply for and obtain an individual NPDES permit if any of the following occurs:

(1) The applicable requirements contained in this article are not adequate to ensure compliance with:

(A) water quality standards under 327 IAC 2-1 or 327 IAC 2-1.5; or

(B) the provisions that implement water quality standards contained in 327 IAC 5.

(2) The person is not in compliance with the terms and conditions of an NPDES general permit.

(3) A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants from the discharge.

(4) Effluent limitations guidelines that are more stringent than the requirements in the general permit are subsequently promulgated for discharges regulated by the general permit.

(5) A water quality management plan containing more stringent requirements applicable to such discharges is approved.

(6) Circumstances have changed since the activity regulated under this article began so that the discharger is no longer appropriately controlled under the general permit or either a temporary or permanent reduction or elimination of the authorized discharge is necessary.

(7) The water is identified as impaired for a pollutant proposed to be discharged and listed pursuant to Section 303(d) of the Clean Water Act (33 U.S.C. 1313(d)) and listed at <http://www.in.gov/idem/nps/2647.htm>.

(8) The commissioner has revoked the person's coverage under the general permit.

Interested persons may petition the commissioner to take action under this subsection.

(b) If, under subsection (a), the commissioner requires an individual NPDES permit, pursuant to 327 IAC 5-3, the commissioner shall notify the person in writing that an individual NPDES permit application is required. This notice shall be issued pursuant to IC 4-21.5 and shall also include the following:

(1) A brief statement of the reasons for this decision.

(2) An application form.

(3) A statement setting a time for the person to file the application.

(4) A statement that on the effective date of the individual NPDES permit, the general permit as it applies to the individual person shall no longer apply.

The commissioner may grant additional time upon request of the applicant for completion of the application.

(c) A person having financial responsibility or operational control for a facility, project site, or municipal separate storm sewer system area and the associated storm water discharges, that meets the applicability requirements of the general permit and is not covered by an existing individual NPDES permit, must submit an application under 40 CFR 122.26 and 327 IAC 5-3 if the operator seeks to cover the discharge under an individual permit. (*Water Pollution Control Division; 327 IAC 15-2-9; filed Aug 31, 1992, 5:00 p.m.: 16 IR 18; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; errata, 16 IR 751; filed Jan 14, 1997, 12:00 p.m.: 20 IR 1476; filed Oct 27, 2003, 10:15 a.m.: 27 IR 831; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)



**327 IAC 15-2-10 Prohibitions**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-3-15; IC 13-18-4

Sec. 10. No general permit shall be issued where the terms and conditions of the permit do not comply with the applicable guidelines and requirements of:

- (1) the Clean Water Act;
- (2) effective regulations promulgated under the Clean Water Act;
- (3) 327 IAC 2;
- (4) 327 IAC 5; or
- (5) this article.

*(Water Pollution Control Division; 327 IAC 15-2-10; filed Aug 31, 1992, 5:00 p.m.: 16 IR 18; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 3. NOI Requirements**

**327 IAC 15-3-1 Purpose**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 1. The purpose of this rule is to establish the requirements and procedures for submitting an NOI letter under a general permit rule for a general permit under 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, or 327 IAC 15-14. The NOI letter shall be sent to the following address:

Indiana Department of Environmental Management  
Office of Water Quality  
100 North Senate Avenue, Room N1255  
Indianapolis, Indiana 46204  
Attention: Permits Section, General Permit Desk

*(Water Pollution Control Division; 327 IAC 15-3-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 19; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 832; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

**327 IAC 15-3-2 Content requirements of an NOI letter**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 2. Except as provided in 327 IAC 15-5 and 327 IAC 15-13, the NOI letter shall include the following:

- (1) Name, mailing address, and location of the facility for which the notification is submitted.
- (2) Standard Industrial Classification (SIC) codes, as defined in 327 IAC 5, up to four (4) digits, that best represent the principal products or activities provided by the facility.
- (3) The person's name, address, telephone number, e-mail address (if available), ownership status, and status as federal, state, private, public, or other entity.
- (4) The latitude and longitude of the approximate center of the facility to the nearest fifteen (15) seconds, and, if the section, township, and range are provided, the nearest quarter section in which the facility is located.
- (5) The name of receiving water, or, if the discharge is to a municipal separate storm sewer, the name of the municipal operator of the storm sewer and the ultimate receiving water.
- (6) A description of how the facility complies with the applicability requirements of the general permit rule.
- (7) Any additional NOI letter information required by the applicable general permit rule.

(8) The NOI letter must be signed by a person meeting the signatory requirements in 327 IAC 15-4-3(g) and 327 IAC 15-4-3(h).

*(Water Pollution Control Division; 327 IAC 15-3-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 19; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 832; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1563; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

**327 IAC 15-3-3 Deadline for submittal of an NOI letter; additional requirements**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 3. (a) Any person proposing a new discharge that will be subject to a general permit under 327 IAC 15-6, 327 IAC 15-7, or 327 IAC 15-14 shall submit an NOI letter and additional information as required by the applicable general permit rule at least one hundred eighty (180) days before the date on which the discharge is to commence unless permission for a later date has been granted by the commissioner or is established in the applicable general permit rule.

(b) For construction activity under 327 IAC 15-5-5, a construction activity NOI letter shall be submitted in accordance with 327 IAC 15-5-6.

(c) For municipal separate storm sewer system discharges under 327 IAC 15-13, a municipal separate storm sewer system NOI letter shall be submitted in accordance with 327 IAC 15-13-6 and 327 IAC 15-13-9. *(Water Pollution Control Division; 327 IAC 15-3-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 19; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; errata, 16 IR 898; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 832; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

**327 IAC 15-3-4 Procedures for exemption from an individual NPDES permit (Repealed)**

Sec. 4. *(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 4. Standard Conditions for NPDES General Permit Rules**

**327 IAC 15-4-1 General conditions**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4; IC 13-18-11; IC 13-30-4-1; IC 13-30-10

Sec. 1. (a) The conditions in this section apply to all NPDES general permits issued under 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, and 327 IAC 15-14.

(b) Any violation of this article constitutes a violation of the CWA and environmental management laws and is subject to enforcement under IC 13-30. A person who violates this article may be required to obtain an individual NPDES permit.

(c) In accordance with IC 13-30-4-1, any person who violates a rule or standard adopted by the board is subject to a civil penalty not to exceed twenty-five thousand dollars (\$25,000) per day of such violation. Knowing, willful, or reckless violations of NPDES permit conditions are subject to criminal penalties under IC 13-30-10. If the conviction is for a violation committed after a first conviction of such person under this subsection, punishment shall be a fine of not more than fifty thousand dollars (\$50,000) per day of violation, or by imprisonment for not more than two (2) years, or both. Except as provided in applicable general permit rule conditions on bypassing under section 2(c) of this rule, and upsets under section 2(d) of this rule, nothing in this article shall be construed to relieve persons in violation of it from civil or criminal penalties for noncompliance.

(d) Persons in violation of this article shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from their noncompliance.

(e) Persons regulated by this article shall furnish to the commissioner, within a reasonable time, any information which the

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commissioner may request to determine whether cause exists for revoking and reapproving or terminating the approval to discharge under this article or to determine compliance with this article. Those persons shall also furnish to the commissioner, upon request, copies of records required to be kept by this article.

(f) Notwithstanding the provisions of 327 IAC 15-2-9, if a toxic effluent standard, prohibition, or sediment, wet weather, or biological criteria (including any schedule of compliance specified in such effluent standard or prohibition) is established under the CWA for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in an applicable general permit rule, the rule shall be modified to conform to the toxic effluent standard or prohibition. The person shall comply with effluent standards or prohibitions established under the CWA for toxic pollutants injurious to human health within the time provided in the regulations that establish those standards or prohibitions, even if the rule has not yet been modified to incorporate the requirement.

(g) When cyanide or cyanogen compounds are used in any of the processes at a facility regulated under this article, the person responsible for that facility shall provide approved facilities for the containment of any losses of these compounds in accordance with the requirements under 327 IAC 2-2-1.

(h) Persons regulated by this article shall have all wastewater treatment facilities, if any, under the direct supervision of an operator certified by the commissioner as required under IC 13-18-11 and 327 IAC 8-12.

(i) Nothing in this article shall be construed to relieve anyone from any responsibility, liability, or penalty to which they are or may be subject to under the CWA.

(j) The applicability of this article does not convey any property rights of any sort or any exclusive privileges.

(k) The provisions of this article are severable and, if any provision of this article or the application of any provision of this article to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this article shall not be affected thereby.

(l) Persons regulated by this article shall allow the commissioner, or an authorized representative, (including an authorized contractor or representative of another governmental agency acting as a representative on behalf of the commissioner), at reasonable times, and in a manner to minimize disruption of the business, upon the presentation of credentials and such other documents as may be required by law, to:

(1) enter upon the premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this article;

(2) have access to and copy, at reasonable times, any records that must be kept under the conditions of this article;

(3) inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this article; and

(4) sample or monitor, at reasonable times, for the purposes of assuring compliance with the applicable general permit rule conditions or as otherwise authorized by the CWA any substances or parameters at any location.

(m) Persons regulated by this article shall not construct, install, or modify any water pollution control facility without a valid construction permit issued by the department under 327 IAC 3-2.

(n) A person with a new facility to which 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, or 327 IAC 15-14 applies must comply with all applicable requirements of this article including the submittal of the appropriate NOI. (*Water Pollution Control Division; 327 IAC 15-4-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 19; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; errata, 16 IR 751; errata, 16 IR 898; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA*)

**327 IAC 15-4-2 Management requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4

Affected: IC 13-18

Sec. 2. (a) Persons regulated by this article shall, at all times, maintain in good working order and efficiently operate all facilities and systems (and related appurtenances) for collection and treatment which are installed or used by the person and which are necessary for achieving compliance with the terms and conditions of this article.

(b) The following definitions, with regard to bypass of treatment facilities, apply throughout this rule:

(1) "Bypass" means the intentional diversion of a wastestream from any portion of a treatment facility normally utilized for

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treatment of the wastestream.

(2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause 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 at the facility.

(c) Bypass which causes, or is likely to cause, applicable effluent limitations to be exceeded is prohibited unless the following conditions are met:

(1) Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage.

(2) There are no feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal period of equipment downtime.

(3) The person submits notice of an unanticipated bypass to the commissioner within twenty-four (24) hours of becoming aware of the bypass. (If this information is provided orally, a written submission must be provided within five (5) days.)

Where the person knows, or should have known, in advance of the need for a bypass, this prior notification shall be submitted for approval to the commissioner, if possible, at least ten (10) days before the date of the bypass.

An anticipated bypass which meets the criteria under this subsection may be allowed under conditions determined to be necessary by the commissioner to minimize any adverse effects.

(d) With regard to upset conditions, as used in this rule, "upset" means an exceptional incident in which there is unintentional and temporary noncompliance with the requirements of the applicable general permit rule because of factors beyond the reasonable control of the responsible person. An upset does not include noncompliance to the extent caused by any of the following:

(1) Operational error.

(2) Improperly designed treatment facilities.

(3) Inadequate treatment facilities.

(4) Lack of preventive maintenance.

(5) Careless or improper operation.

(e) An upset shall constitute an affirmative defense to an action brought for noncompliance with such effluent limitations if the requirements under subsection (d) are met.

(f) A person regulated under this article who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:

(1) An upset occurred and the regulated person has identified the specific cause of the upset, if possible.

(2) The facility was, at the time being operated, in compliance with proper operation and maintenance procedures.

(3) The regulated person complied with any remedial measures required under section 1(d) of this rule.

(g) Solids, sludges, filter backwash, or other pollutants removed from or resulting from treatment or control of waters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters and to be in compliance with all Indiana statutes and rules relative to liquid and/or solid waste disposal. (*Water Pollution Control Division; 327 IAC 15-4-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 21*)

### **327 IAC 15-4-3 Reporting requirements**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4; IC 13-30

Sec. 3. (a) Any change in the information submitted in the NOI letter shall be reported as soon as practicable to the commissioner. Changes which are reasonably expected to alter the characteristics of the discharge regulated under a general permit rule must be reported prior to the change. Following such notice, the commissioner may request the person to submit an application for an individual NPDES permit.

(b) Monitoring results shall be reported at the intervals and in the form specified in the applicable general permit rule.

(c) The following are requirements for twenty-four (24) hour reporting:

(1) Persons regulated by 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, or 327 IAC 15-14 shall orally report information to the office of water quality at (317) 232-8670 on the following types of noncompliance within one (1) business

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day from the time the person becomes aware of such noncompliance:

- (A) Any unanticipated bypass which exceeds any effluent limitation in the applicable general permit rule.
- (B) Violation of a maximum daily discharge limitation for any of the pollutants listed by the commissioner in the rule to be reported within one (1) business day.

(C) Any noncompliance which may pose a significant danger to human health or the environment.

(2) A written submission shall also be provided to the office of water quality within five (5) business days of the time the person becomes aware of the circumstances. The written submission shall contain the following:

- (A) A description of the noncompliance and its cause.
- (B) The period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated duration.

(C) Steps taken or planned to reduce and eliminate the noncompliance and prevent its recurrence.

The commissioner may waive the written report on a case-by-case basis if the oral report has been received within one (1) business day.

(d) Persons regulated under 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, or 327 IAC 15-14 shall report any instance of noncompliance not reported under subsection (c) at the time the pertinent discharge monitoring report is submitted. The report shall contain the information specified under subsection (c)(2).

(e) When a person becomes aware that any relevant facts were omitted, or incorrect information was submitted in an NOI letter, or in any report required to be submitted under this article, the person shall promptly submit such facts or corrected information.

(f) Persons regulated under 327 IAC 15-5, 327 IAC 15-6, 327 IAC 15-7, 327 IAC 15-13, or 327 IAC 15-14 shall notify the commissioner as soon as they know, or have reason to believe, the following:

(1) That any activity has occurred, or will occur, that would result in the discharge of any pollutant identified as toxic, under the CWA, which is not limited in the applicable general permit rule, if that discharge will exceed the highest of the following notification levels:

- (A) One hundred (100) micrograms per liter.
- (B) Two hundred (200) micrograms per liter for acrolein and acrylonitrile; five hundred (500) micrograms per liter for 2,4-dinitrophenol and 2-methyl-4,6-dinitrophenol; and one (1) milligram per liter for antimony.
- (C) A level established elsewhere in an applicable rule by the commissioner.

(2) That any toxic pollutant not reported in the NOI letter is or will be used or manufactured as an intermediate or final product or byproduct.

(g) Signatory requirements for reports required by this article and other information requested by the commissioner shall be signed by a person or by a duly authorized representative of that person according to the following:

(1) For a corporation, by a responsible corporate officer. As used in this section, "responsible corporate officer" means:

- (A) a president, secretary, treasurer, any vice president of the corporation in charge of a principal business function, or any other person who performs similar policy making or decision making functions for the corporation; or
- (B) the manager of one (1) or more manufacturing, production, or operating facilities provided the manager:

(i) is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty to:

- (AA) make major capital investment recommendations; and
- (BB) initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; and

(ii) can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements;

and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(2) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency or political subdivision thereof, by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes:

- (A) the chief executive officer of the agency; or

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(B) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (for example, Regional Administrators of EPA).

(4) Permit applicants who meet the criteria set forth in this subsection may also utilize agency-approved electronic application mechanisms in lieu of paper NPDES applications.

(h) A person is a duly authorized representative only if:

(1) the authorization is made in writing by a person described under subsection (g);

(2) 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, or position of equivalent responsibility (a duly authorized representative may thus be either a named individual or any individual occupying a named position); and

(3) the written authorization is submitted to the commissioner.

If an authorization under this subsection is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of this subsection must be submitted to the commissioner prior to or together with any reports, information, or applications to be signed by an authorized representative.

(i) Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(j) Except for data determined to be confidential under confidentiality rules at 327 IAC 12.1, all reports prepared in accordance with the terms of the applicable general permit rule shall be available for public inspection at the offices of the Indiana department of environmental management and the U.S. Environmental Protection Agency Regional Administrator. As required by the CWA, information contained in the NOI letter and effluent data shall not be considered confidential.

(k) The following are subject to the criminal penalties and provisions of IC 13-30, including criminal fines and imprisonment under IC 13-30-10:

(1) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under the applicable general permit rule, including monitoring reports or reports of compliance or noncompliance.

(2) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this article.

*(Water Pollution Control Division; 327 IAC 15-4-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 21; errata filed Apr 10, 2006, 2:46 p.m.: 29 IR 2547; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

## **Rule 5. Storm Water Run-Off Associated with Construction Activity**

### **327 IAC 15-5-1 Purpose**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges from construction activities of one (1) acre or more to protect the public health, existing water uses, and aquatic biota. *(Water Pollution Control Division; 327 IAC 15-5-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; errata, 16 IR 898; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 833; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-5-2 Applicability of general permit rules**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4; IC 14-34

Sec. 2. (a) The requirements under this rule apply to all persons who:

- (1) do not obtain an individual NPDES permit under 327 IAC 15-2-6;
- (2) meet the general permit rule applicability requirements under 327 IAC 15-2-3; and
- (3) are involved in construction activity, except operations that result in the land disturbance of less than one (1) acre of total land area as determined under subsection (h) and are not part of a larger common plan of development or sale.

(b) The requirements under this rule do not apply to persons who are involved in:

- (1) agricultural land disturbing activities; or
- (2) forest harvesting activities.

(c) The requirements under this rule do not apply to the following activities, provided other applicable permits contain provisions requiring immediate implementation of soil erosion control measures:

- (1) Landfills that have been issued a certification of closure under 329 IAC 10.
- (2) Coal mining activities permitted under IC 14-34.
- (3) Municipal solid waste landfills that are accepting waste pursuant to a permit issued by the department under 329 IAC 10 that contains equivalent storm water requirements, including the expansion of landfill boundaries and construction of new cells either within or outside the original solid waste permit boundary.

(d) The project site owner shall do the following:

(1) Complete and submit:

- (A) an NOI; and
- (B) a construction plan in accordance with section 6 of this rule.

(2) Ensure compliance with this rule during:

- (A) the construction activity; and
- (B) implementation of the construction plan.

(3) Submit a notice of termination letter (NOT) in accordance with section 8 of this rule.

(4) Ensure that all persons engaging in construction activities on a permitted project site comply with the applicable requirements of this rule and the approved construction plan.

(e) For off-site construction activities that provide services (for example, road extensions, sewer, water, and other utilities) to a permitted project site, these off-site activity areas must be considered a part of the permitted project site when the activity is under the control of the project site owner.

(f) For an individual lot where land disturbance is expected to be one (1) acre or more and the lot lies within a project site permitted under this rule, the individual lot owner shall:

- (1) complete his or her own notice of intent letter; and
- (2) ensure that a sufficient construction plan is completed and submitted in accordance with section 6 of this rule.

(g) For an individual lot where the land disturbance is less than one (1) acre and the lot lies within a project site permitted under this rule, the individual lot operator shall comply with:

- (1) the provisions and requirements of the plan developed by the project site owner; and
- (2) section 7.5 of this rule.

A separate notice of intent letter and construction plan are not required to be submitted.

(h) Multi-lot project sites shall be regulated as follows:

(1) A determination of the area of land disturbance shall be calculated by adding the total area of land disturbance for improvements, such as roads, utilities, or common areas, and the expected total disturbance on each individual lot, as determined by the following:

- (A) For a single-family residential project site where the lots are one-half (0.5) acre or more, one-half (0.5) acre of land disturbance must be used as the expected lot disturbance.
- (B) For a single-family residential project site where the lots are less than one-half (0.5) acre in size, the total lot must be calculated as being disturbed.

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(C) For all other types of project sites, such as industrial and commercial project sites, lot disturbance shall be calculated as follows:

(i) Where lots are one (1) acre or greater in size, a minimum of one (1) acre of land disturbance shall be the expected lot disturbance.

(ii) Where the lots are less than one (1) acre in size, the total lot must be calculated as being disturbed.

(2) For purposes of this rule, strip developments:

(A) are considered as one (1) project site; and

(B) must comply with this rule;

unless the total combined disturbance on all individual lots is less than one (1) acre and is not part of a larger common plan of development or sale.

(i) Submittal of a NOI and construction plans is not required for construction activities associated with a single-family residential dwelling disturbing less than five (5) acres when the dwelling is not part of a larger common plan of development or sale. Provisions in section 7(b)(1) through 7(b)(5), 7(b)(10) through 7(b)(17), 7(b)(19), and 7(b)(20) of this rule shall be complied with throughout construction activities and until the areas are permanently stabilized.

(j) The commissioner may waive the permit requirements under this rule for construction activities that disturb less than five (5) acres if the applicant certifies that:

(1) a total maximum daily load (TMDL) for the pollutants of concern from storm water discharges associated with construction activity indicates that controls on construction site discharges are not needed to protect water quality; or

(2) in receiving waters that do not require a TMDL study, an equivalent analysis demonstrates water quality is not threatened by storm water discharges, and it has been determined that allocations for the pollutants of concern from the construction site discharges are not needed to protect water quality based on consideration of existing in-stream concentrations, expected growth in pollutant contributions from all sources, and a margin of safety.

*(Water Pollution Control Division; 327 IAC 15-5-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 833; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-5-3 General permit rule boundary**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 3. This general permit covers all lands within Indiana. *(Water Pollution Control Division; 327 IAC 15-5-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 834; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-5-4 Definitions**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 14-32; IC 14-34

Sec. 4. In addition to the definitions contained in IC 13-11-2, 327 IAC 5, and 327 IAC 15-1-2, the following definitions apply throughout this rule:

(1) "Agricultural conservation practices" means practices that are constructed on agricultural land for the purposes of controlling soil erosion and sedimentation. These practices include grass waterways, sediment basins, terraces, and grade stabilization structures.

(2) "Agricultural land disturbing activity" means tillage, planting, cultivation, or harvesting operations for the production of agricultural or nursery vegetative crops. The term also includes pasture renovation and establishment, the construction of agricultural conservation practices, and the installation and maintenance of agricultural drainage tile. For purposes of this rule, the term does not include land disturbing activities for the construction of agricultural related facilities, such as:



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- (A) barns;
  - (B) buildings to house livestock;
  - (C) roads associated with infrastructure;
  - (D) agricultural waste lagoons and facilities;
  - (E) lakes and ponds;
  - (F) wetlands; and
  - (G) other infrastructure.
- (3) "Construction activity" means land disturbing activities and land disturbing activities associated with the construction of infrastructure and structures. This term does not include routine ditch or road maintenance or minor landscaping projects.
- (4) "Construction plan" means a representation of a project site and all activities associated with the project. The plan includes the location of the project site, buildings and other infrastructure, grading activities, schedules for implementation, and other pertinent information related to the project site. A storm water pollution prevention plan is a part of the construction plan.
- (5) "Construction site access" means a stabilized stone surface at all points of ingress or egress to a project site for the purpose of capturing and detaining sediment carried by tires of vehicles or other equipment entering or exiting the project site.
- (6) "Contractor" or "subcontractor" means an individual or company hired by the project site or individual lot owner, their agent, or the individual lot operator to perform services on the project site.
- (7) "Developer" means:
- (A) any person financially responsible for construction activity; or
  - (B) an owner of property who offers for sale or lease any lots in a subdivision.
- (8) "Erosion" means the detachment and movement of soil, sediment, or rock fragments by water, wind, ice, or gravity.
- (9) "Erosion and sediment control measure" means a practice, or a combination of practices, to control erosion and resulting sedimentation.
- (10) "Erosion and sediment control system" means the use of appropriate erosion and sediment control measures to minimize sedimentation by first reducing or eliminating erosion at the source and then, as necessary, trapping sediment to prevent it from being discharged from or within a project site.
- (11) "Final stabilization" means the establishment of permanent vegetative cover or the application of a permanent non-erosive material to areas where all land disturbing activities have been completed and no additional land disturbing activities are planned under the current permit.
- (12) "Grading" means the cutting and filling of the land surface to a desired slope or elevation.
- (13) "Impervious surface" means surfaces, such as pavement and rooftops, that prevent the infiltration of storm water into the soil.
- (14) "Individual building lot" means a single parcel of land within a multi-parcel development.
- (15) "Individual lot operator" means a contractor or subcontractor working on an individual lot.
- (16) "Individual lot owner" means a person who has financial control of construction activities for an individual lot.
- (17) "Land disturbing activity" means any manmade change of the land surface, including removing vegetative cover that exposes the underlying soil, excavating, filling, transporting, and grading.
- (18) "Larger common plan of development or sale" means a plan, undertaken by a single project site owner or a group of project site owners acting in concert, to offer lots for sale or lease; where such land is contiguous, or is known, designated, purchased or advertised as a common unit or by a common name, such land shall be presumed as being offered for sale or lease as part of a larger common plan. The term also includes phased or other construction activity by a single entity for its own use.
- (19) "Measurable storm event" means a precipitation event that results in a total measured precipitation accumulation equal to, or greater than, one-half (0.5) inch of rainfall.
- (20) "MS4 area" means a land area comprising one (1) or more places that receives coverage under one (1) NPDES storm water permit regulated by 327 IAC 15-13 or 327 IAC 5-4-6(a)(4) and 327 IAC 5-4-6(a)(5).
- (21) "MS4 operator" means the person responsible for development, implementation, or enforcement of the minimum control measures for a designated MS4 area regulated under 327 IAC 15-13.

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- (22) "Municipal separate storm sewer system" or "MS4" has the same meaning set forth at 327 IAC 15-13-5(42).
- (23) "Peak discharge" means the maximum rate of flow during a storm, usually in reference to a specific design storm event.
- (24) "Permanent stabilization" means the establishment, at a uniform density of seventy percent (70%) across the disturbed area, of vegetative cover or permanent non-erosive material that will ensure the resistance of the soil to erosion, sliding, or other movement.
- (25) "Phasing of construction" means sequential development of smaller portions of a large project site, stabilizing each portion before beginning land disturbance on subsequent portions, to minimize exposure of disturbed land to erosion.
- (26) "Project site" means the entire area on which construction activity is to be performed.
- (27) "Project site owner" means the person required to submit the NOI letter under this article and required to comply with the terms of this rule. The term includes a:
- (A) developer; and
  - (B) person who has financial and operational control of construction activities and project plans and specifications, including the ability to make modifications to those plans and specifications.
- (28) "Sediment" means solid material (both mineral and organic) that is in suspension, is being transported, or has been moved from its site of origin by air, water, gravity, or ice and has come to rest on the earth's surface.
- (29) "Sedimentation" means the settling and accumulation of unconsolidated sediment carried by storm water run-off.
- (30) "Soil" means the unconsolidated mineral and organic material on the surface of the earth that serves as the natural medium for the growth of plants.
- (31) "Soil and Water Conservation District" or "SWCD" means a political subdivision established under IC 14-32.
- (32) "Storm water pollution prevention plan" means a plan developed to minimize the impact of storm water pollutants resulting from construction activities.
- (33) "Storm water quality measure" means a practice, or a combination of practices, to control or minimize pollutants associated with storm water run-off.
- (34) "Strip development" means a multi-lot project where building lots front on an existing road.
- (35) "Subdivision" means any land that is divided or proposed to be divided into lots, whether contiguous or subject to zoning requirements, for the purpose of sale or lease as part of a larger common plan of development or sale.
- (36) "Temporary stabilization" means the covering of soil to ensure its resistance to erosion, sliding, or other movement. The term includes vegetative cover, anchored mulch, or other non-erosive material applied at a uniform density of seventy percent (70%) across the disturbed area.
- (37) "Tracking" means the deposition of soil that is transported from one (1) location to another by tires, tracks of vehicles, or other equipment.
- (38) "Trained individual" means an individual who is trained and experienced in the principles of storm water quality, including erosion and sediment control as may be demonstrated by state registration, professional certification, experience, or completion of coursework that enable the individual to make judgments regarding storm water control or treatment and monitoring.

*(Water Pollution Control Division; 327 IAC 15-5-4; filed Aug 31, 1992, 5:00 p.m.: 16 IR 23; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 834; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-5-5 NOI requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4  
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 5. (a) A complete NOI letter must contain the following:

- (1) Name, mailing address, and location of the project site for which the notification is submitted.
- (2) The project site owner's name, address, telephone number, e-mail address (if available), ownership status as federal, state, public, private, or other entity.
- (3) Contact person (if different than project site owner), person's name, company name, address, e-mail address (if available),

and telephone number.

(4) A brief description of the construction project, including a statement of the total acreage of the project site. Total acreage claimed in the NOI letter shall be consistent with the acreage covered in the construction plan.

(5) Estimated dates for initiation and completion of construction activities. Within forty-eight (48) hours of the initiation of construction activity, the project site owner must notify the commissioner and the appropriate plan reviewing agency of the actual project start date.

(6) The latitude and longitude of the approximate center of the project site to the nearest fifteen (15) seconds, and the nearest quarter section, township, range, and civil township in which the project site is located.

(7) Total impervious surface area, in square feet, of the final project site including structures, roads, parking lots, and other similar improvements.

(8) The number of acres to be involved in the construction activities.

(9) Proof of publication in a newspaper of general circulation in the affected area that notified the public that a construction activity is to commence, that states, "(Company name, address) is submitting an NOI letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-5 to discharge storm water from construction activities for the following project: (name of the construction project, address of the location of the construction project). Run-off from the project site will discharge to (stream(s) receiving the discharge(s)).".

(10) As applicable, a list of all MS4 areas designated under 327 IAC 15-13 within which the project site lies.

(11) A written certification by the operator that:

(A) the storm water quality measures included in the construction plan comply with the requirements under sections 6.5, 7, and 7.5 of this rule and that the storm water pollution prevention plan complies with all applicable federal, state, and local storm water requirements;

(B) the measures required by section 7 of this rule will be implemented in accordance with the storm water pollution prevention plan;

(C) if the projected land disturbance is one (1) acre or more, the applicable soil and water conservation district or other entity designated by the department has been sent a copy of the construction plan for review;

(D) storm water quality measures beyond those specified in the storm water pollution prevention plan will be implemented during the life of the permit if necessary to comply with section 7 of this rule; and

(E) implementation of storm water quality measures will be inspected by trained individuals.

(12) The name of receiving water or, if the discharge is to a municipal separate storm sewer, the name of the municipal operator of the storm sewer and the ultimate receiving water.

(13) The NOI letter must be signed by a person meeting the signatory requirements in 327 IAC 15-4-3(g) and 327 IAC 15-4-3(h).

(14) A notification from the SWCD, or other entity designated by the department as the reviewing agency indicating that the constructions plans comply with this rule. This requirement may be waived if the project site owner has not received notification from the reviewing agency within the time frame specified in 327 IAC 15-5-6(b)(3).

(b) Send NOI letters to:

Indiana Department of Environmental Management  
Office of Water Quality  
100 North Senate Avenue, Room N1255  
Indianapolis, Indiana 46204.

*(Water Pollution Control Division; 327 IAC 15-5-5; filed Aug 31, 1992, 5:00 p.m.: 16 IR 24; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 836; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-5-6 Submittal of an NOI and construction plans**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

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Sec. 6. (a) After the project site owner has received notification from the reviewing agency that the construction plans meet the requirements of the rule or the review period outlined in subsection (b)(3) has expired, all NOI letter information required under section 5 of this rule shall be submitted to the commissioner at least forty-eight (48) hours prior to the initiation of land disturbing activities at the site. A copy of the completed NOI letter must also be submitted to all SWCDs, or other entity designated by the department, where the land disturbing activities are to occur. If the NOI letter is determined to be deficient, the project site owner must address the deficient items and submit an amended NOI letter to the commissioner at the address specified in section 5 of this rule.

(b) For a project site where the proposed land disturbance is one (1) acre or more as determined under section 2 of this rule, the following requirements must be met:

(1) A construction plan must be submitted according to the following:

(A) Prior to the initiation of any land disturbing activities.

(B) Sent to the appropriate SWCD or other entity designated by the department for:

(i) review and verification that the plan meets the requirements of the rule; or

(ii) a single coordinated review in accordance with subsection (d)(3) if:

(AA) the construction activity will occur in more than one (1) SWCD; and

(BB) the project site owner has made a request for a single coordinated review.

(2) If the construction plan required by subdivision (1) is determined to be deficient, the SWCD, or other entity designated by the department as the reviewing agency may require modifications, terms, and conditions as necessary to meet the requirements of the rule. The initiation of construction activity following notification by the reviewing agency that the plan does not meet the requirements of the rule is a violation and subject to enforcement action. If notification of a deficient plan is received after the review period outlined in subdivision (3) and following commencement of construction activities, the plans must be modified to meet the requirements of the rule and resubmitted within fourteen (14) days of receipt of the notification of deficient plans.

(3) If the project site owner does not receive notification within twenty-eight (28) days after the plan is received by the reviewing agency stating that the reviewing agency finds the plan is deficient, the project site owner may submit the NOI letter information.

(c) The following apply for a project where construction activity occurs inside a single MS4 area regulated under 327 IAC 15-13:

(1) A copy of the completed NOI letter must be submitted to the appropriate MS4 operators.

(2) The project site owner must comply with all appropriate ordinances and regulations within the MS4 area related to storm water discharges. The MS4 operator ordinance as required by 327 IAC 15-13-15(b) and 327 IAC 15-13-16(b) will be considered to have the same authority as this rule within the regulated MS4 area.

(d) For a project that will occur in more than one (1) jurisdiction, such as an SWCD or regulated MS4 area, the following must be met:

(1) Project site owners of project sites occurring in multiple MS4 areas, but not in nondesignated areas, shall submit the information required in subsection (c) to each appropriate MS4 operator.

(2) Project site owners of project sites occurring in one (1) or more MS4 areas and nondesignated areas shall submit the information required in subsections (a) through (c) to all appropriate MS4 operators, and the SWCD or other entity designated by the department.

(3) Project site owners of project sites occurring in multiple nondesignated areas, but not occurring within an MS4 area, may request a single coordinated review through the IDEM Office of Water Quality at the following address:

100 North Senate Avenue

Room N1255

Indianapolis, Indiana 46204.

*(Water Pollution Control Division; 327 IAC 15-5-6; filed Aug 31, 1992, 5:00 p.m.: 16 IR 24; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 837; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-5-6.5 Requirements for construction plans**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 6.5. (a) For project sites that do not meet the criteria in subsection (b), the project site owner shall develop a set of construction plans. Storm water quality measures included in the plan must achieve the minimum project site requirements specified in section 7 of this rule. The construction plans must include the following:

- (1) Project narrative and supporting documents, including the following information:
  - (A) An index indicating the location, in the construction plans, of all information required by this subsection.
  - (B) Description of the nature and purpose of the project.
  - (C) Legal description of the project site. The description should be to the nearest quarter section, township, and range, and include the civil township.
  - (D) Soil properties, characteristics, limitations, and hazards associated with the project site and the measures that will be integrated into the project to overcome or minimize adverse soil conditions.
  - (E) General construction sequence of how the project site will be built, including phases of construction.
  - (F) Hydrologic Unit Code (14 Digit) available from the United States Geological Survey (USGS).
  - (G) A reduced plat or project site map showing the lot numbers, lot boundaries, and road layout and names. The reduced map must be legible and submitted on a sheet or sheets no larger than eleven (11) inches by seventeen (17) inches for all phases or sections of the project site.
  - (H) Identification of any other state or federal water quality permits that are required for construction activities associated with the owner's project site.
- (2) Vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads, such as a USGS topographic quadrangle map or county or municipal road map.
- (3) An existing project site layout that must include the following information:
  - (A) Location and name of all wetlands, lakes, and water courses on or adjacent to the project site.
  - (B) Location of all existing structures on the project site.
  - (C) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.
  - (D) Soil map of the predominant soil types, as determined by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Soil Survey, or an equivalent publication, or as determined by a soil scientist. A soil legend must be included with the soil map.
  - (E) Identification and delineation of vegetative cover, such as grass, weeds, brush, and trees, on the project site.
  - (F) Land use of all adjacent properties.
  - (G) Existing topography at a contour interval appropriate to indicate drainage patterns.
- (4) Final project site layout, including the following information:
  - (A) Location of all proposed site improvements, including roads, utilities, lot delineation and identification, proposed structures, and common areas.
  - (B) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.
  - (C) Proposed final topography at a contour interval appropriate to indicate drainage patterns.
- (5) A grading plan, including the following information:
  - (A) Delineation of all proposed land disturbing activities, including off-site activities that will provide services to the project site.
  - (B) Location of all soil stockpiles and borrow areas.
  - (C) Information regarding any off-site borrow, stockpile, or disposal areas that are associated with a project site and under the control of the project site owner.
  - (D) Existing and proposed topographic information.
- (6) A drainage plan, including the following information:
  - (A) An estimate of the peak discharge, based on the ten (10) year storm event, of the project site for both preconstruction and postconstruction conditions.
  - (B) Location, size, and dimensions of all storm water drainage systems, such as culverts, storm sewers, and conveyance

channels.

(C) Locations where storm water may be directly discharged into ground water, such as abandoned wells or sinkholes. Please note if none exists.

(D) Locations of specific points where storm water discharge will leave the project site.

(E) Name of all receiving waters. If the discharge is to a separate municipal storm sewer, identify the name of the municipal operator and the ultimate receiving water.

(F) Location, size, and dimensions of features, such as permanent retention or detention facilities, including existing or manmade wetlands, used for the purpose of storm water management.

(7) A storm water pollution prevention plan associated with construction activities. The plan must be designed to, at least, meet the requirements of sections 7 and 7.5 of this rule and must include the following:

(A) Location, dimensions, detailed specifications, and construction details of all temporary and permanent storm water quality measures.

(B) Temporary stabilization plans and sequence of implementation.

(C) Permanent stabilization plans and sequence of implementation.

(D) Temporary and permanent stabilization plans shall include the following:

(i) Specifications and application rates for soil amendments and seed mixtures.

(ii) The type and application rate for anchored mulch.

(E) Construction sequence describing the relationship between implementation of storm water quality measures and stages of construction activities.

(F) Self-monitoring program including plan and procedures.

(G) A description of potential pollutant sources associated with the construction activities, that may reasonably be expected to add a significant amount of pollutants to storm water discharges.

(H) Material handling and storage associated with construction activity shall meet the spill prevention and spill response requirements in 327 IAC 2-6.1.

(8) The postconstruction storm water pollution prevention plan. The plan must include the following information:

(A) A description of potential pollutant sources from the proposed land use, that may reasonably be expected to add a significant amount of pollutants to storm water discharges.

(B) Location, dimensions, detailed specifications, and construction details of all postconstruction storm water quality measures.

(C) A description of measures that will be installed to control pollutants in storm water discharges that will occur after construction activities have been completed. Such practices include infiltration of run-off, flow reduction by use of open vegetated swales and natural depressions, buffer strip and riparian zone preservation, filter strip creation, minimization of land disturbance and surface imperviousness, maximization of open space, and storm water retention and detention ponds.

(D) A sequence describing when each postconstruction storm water quality measure will be installed.

(E) Storm water quality measures that will remove or minimize pollutants from storm water run-off.

(F) Storm water quality measures that will be implemented to prevent or minimize adverse impacts to stream and riparian habitat.

(G) A narrative description of the maintenance guidelines for all postconstruction storm water quality measures to facilitate their proper long term function. This narrative description shall be made available to future parties who will assume responsibility for the operation and maintenance of the postconstruction storm water quality measures.

(b) For a single-family residential development consisting of four (4) or fewer lots or a single-family residential strip development where the developer offers for sale or lease without land improvements, and the project is not part of a larger common plan of development or sale, the project site owner shall develop a set of construction plans containing storm water quality measures that achieve the minimum project site requirements specified in section 7 of this rule. The construction plan must include the following:

(1) Project narrative and supporting documents, including the following information:

(A) An index indicating the location, in the construction plans, of all required items in this subsection.

(B) Description of the nature and purpose of the project.

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- (C) Legal description of the project site. The description should be to the nearest quarter section, township, and range, and include the civil township.
  - (D) Soil properties, characteristics, limitations, and hazards associated with the project site and the measures that will be integrated into the project to overcome or minimize adverse soil conditions.
  - (E) Hydrologic Unit Code (14 Digit) available from the United States Geological Survey (USGS).
  - (F) Identification of any other state or federal permits that are required for construction activities associated with the project site owner's project site.
- (2) Vicinity map depicting the project site location in relationship to recognizable local landmarks, towns, and major roads, such as a USGS topographic quadrangle map or county or municipal road map.
- (3) A project site layout that must include the following information:
- (A) Location and name of all wetlands, lakes, and water courses on or adjacent to the project site.
  - (B) Location of all existing structures on the project site (if applicable).
  - (C) One hundred (100) year floodplains, floodway fringes, and floodways. Please note if none exists.
  - (D) Soil map of the predominant soil types, as determined by the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Soil Survey, or an equivalent publication, or as determined by a soil scientist. A soil legend must be included with the soil map.
  - (E) Identification and delineation of vegetative cover, such as grass, weeds, brush, and trees, on the project site.
  - (F) Land use of all adjacent properties.
  - (G) Existing and proposed topography at a contour interval appropriate to indicate drainage patterns.
  - (H) Location of all proposed site improvements, including roads, utilities, lot delineation and identification, and proposed structures.
- (4) A storm water pollution prevention plan associated with construction activities. The plan must be designed to, at least, meet the requirements of sections 7 and 7.5 of this rule and must include the following:
- (A) Delineation of all proposed land disturbing activities, including off-site activities that will provide services to the project site.
  - (B) Location of all soil stockpiles and borrow areas.
  - (C) Location, size, and dimensions of all storm water drainage systems, such as culverts, storm sewers, and conveyance channels.
  - (D) Locations where storm water may be directly discharged into ground water, such as abandoned wells or sinkholes. Please note if none exist.
  - (E) Locations of specific points where storm water discharge will leave the project site.
  - (F) Name of all receiving waters. If the discharge is to a separate municipal storm sewer, identify the name of the municipal operator and the ultimate receiving water.
  - (G) Location, dimensions, detailed specifications, and construction details of all temporary and permanent storm water quality measures.
  - (H) Temporary stabilization plans and sequence of implementation of storm water quality measures.
  - (I) Temporary and permanent stabilization plans shall include the following:
    - (i) Specifications and application rates for soil amendments and seed mixtures.
    - (ii) The type and application rate for anchored mulch.
  - (J) Self-monitoring program plan and procedures.
- (c) The SWCD or other designated entity may upon finding reasonable cause require modification to the construction plan if it is determined that changes are necessary due to site conditions or project design changes. Revised plans, if requested, must be submitted to the appropriate entity within twenty-one (21) calendar days of a request for a modification. (*Water Pollution Control Division; 327 IAC 15-5-6.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 838; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-5-7 General requirements for storm water quality control**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7. (a) All storm water quality measures and erosion and sediment controls necessary to comply with this rule must be implemented in accordance with the construction plan and sufficient to satisfy subsection (b).

(b) A project site owner shall, at least, meet the following requirements:

(1) Sediment-laden water which otherwise would flow from the project site shall be treated by erosion and sediment control measures appropriate to minimize sedimentation.

(2) Appropriate measures shall be implemented to minimize or eliminate wastes or unused building materials, including garbage, debris, cleaning wastes, wastewater, concrete truck washout, and other substances from being carried from a project site by run-off or wind. Identification of areas where concrete truck washout is permissible must be clearly posted at appropriate areas of the site. Wastes and unused building materials shall be managed and disposed of in accordance with all applicable statutes and regulations.

(3) A stable construction site access shall be provided at all points of construction traffic ingress and egress to the project site.

(4) Public or private roadways shall be kept cleared of accumulated sediment that is a result of run-off or tracking. Bulk clearing of sediment shall not include flushing the area with water. Cleared sediment shall be redistributed or disposed of in a manner that is in accordance with all applicable statutes and regulations.

(5) Storm water run-off leaving a project site must be discharged in a manner that is consistent with applicable state or federal law.

(6) The project site owner shall post a notice near the main entrance of the project site. For linear project sites, such as a pipeline or highway, the notice must be placed in a publicly accessible location near the project field office. The notice must be maintained in a legible condition and contain the following information:

(A) Copy of the completed NOI letter and the NPDES permit number, where applicable.

(B) Name, company name, telephone number, e-mail address (if available), and address of the project site owner or a local contact person.

(C) Location of the construction plan if the project site does not have an on-site location to store the plan.

(7) This permit and posting of the notice under subdivision (6) does not provide the public with any right to trespass on a project site for any reason, nor does it require that the project site owner allow members of the public access to the project site.

(8) The storm water pollution prevention plan shall serve as a guideline for storm water quality, but should not be interpreted to be the only basis for implementation of storm water quality measures for a project site. The project site owner is responsible for implementing, in accordance with this rule, all measures necessary to adequately prevent polluted storm water run-off.

(9) The project site owner shall inform all general contractors, construction management firms, grading or excavating contractors, utility contractors, and the contractors that have primary oversight on individual building lots of the terms and conditions of this rule and the conditions and standards of the storm water pollution prevention plan and the schedule for proposed implementation.

(10) Phasing of construction activities shall be used, where possible, to minimize disturbance of large areas.

(11) Appropriate measures shall be planned and installed as part of an erosion and sediment control system.

(12) All storm water quality measures must be designed and installed under the guidance of a trained individual.

(13) Collected run-off leaving a project site must be either discharged directly into a well-defined, stable receiving channel or diffused and released to adjacent property without causing an erosion or pollutant problem to the adjacent property owner.

(14) Drainage channels and swales must be designed and adequately protected so that their final gradients and resultant velocities will not cause erosion in the receiving channel or at the outlet.

(15) Natural features, including wetlands and sinkholes, shall be protected from pollutants associated with storm water run-off.

(16) Unvegetated areas that are scheduled or likely to be left inactive for fifteen (15) days or more must be temporarily or



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permanently stabilized with measures appropriate for the season to minimize erosion potential. Alternative measures to site stabilization are acceptable if the project site owner or their representative can demonstrate they have implemented erosion and sediment control measures adequate to prevent sediment discharge. Vegetated areas with a density of less than seventy percent (70%) shall be restabilized using appropriate methods to minimize the erosion potential.

(17) During the period of construction activities, all storm water quality measures necessary to meet the requirements of this rule shall be maintained in working order.

(18) A self-monitoring program that includes the following must be implemented:

(A) A trained individual shall perform a written evaluation of the project site:

- (i) by the end of the next business day following each measurable storm event; and
- (ii) at a minimum of one (1) time per week.

(B) The evaluation must:

- (i) address the maintenance of existing storm water quality measures to ensure they are functioning properly; and
- (ii) identify additional measures necessary to remain in compliance with all applicable statutes and rules.

(C) Written evaluation reports must include:

- (i) the name of the individual performing the evaluation;
- (ii) the date of the evaluation;
- (iii) problems identified at the project site; and
- (iv) details of corrective actions recommended and completed.

(D) All evaluation reports for the project site must be made available to the inspecting authority within forty-eight (48) hours of a request.

(19) Proper storage and handling of materials, such as fuels or hazardous wastes, and spill prevention and clean-up measures shall be implemented to minimize the potential for pollutants to contaminate surface or ground water or degrade soil quality.

(20) Final stabilization of a project site is achieved when:

(A) all land disturbing activities have been completed and a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of seventy percent (70%) has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures have been employed; and

(B) construction projects on land used for agricultural purposes are returned to its preconstruction agricultural use or disturbed areas, not previously used for agricultural production, such as filter strips and areas that are not being returned to their preconstruction agricultural use, meet the final stabilization requirements in clause (A).

*(Water Pollution Control Division; 327 IAC 15-5-7; filed Aug 31, 1992, 5:00 p.m.:16 IR 24; readopted filed Jan 10, 2001, 3:23 p.m.:24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 840; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-5-7.5 General requirements for individual building lots within a permitted project**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7.5. (a) All storm water quality measures, including erosion and sediment control, necessary to comply with this rule must be implemented in accordance with the plan and sufficient to satisfy subsection (b).

(b) Provisions for erosion and sediment control on individual building lots regulated under the original permit of a project site owner must include the following requirements:

- (1) The individual lot operator, whether owning the property or acting as the agent of the property owner, shall be responsible for erosion and sediment control requirements associated with activities on individual lots.
- (2) Installation and maintenance of a stable construction site access.
- (3) Installation and maintenance of appropriate perimeter erosion and sediment control measures prior to land disturbance.
- (4) Sediment discharge and tracking from each lot must be minimized throughout the land disturbing activities on the lot

until permanent stabilization has been achieved.

(5) Clean-up of sediment that is either tracked or washed onto roads. Bulk clearing of sediment shall not include flushing the area with water. Cleared sediment must be redistributed or disposed of in a manner that is in compliance with all applicable statutes and rules.

(6) Adjacent lots disturbed by an individual lot operator must be repaired and stabilized with temporary or permanent surface stabilization.

(7) For individual residential lots, final stabilization meeting the criteria in section 7(b)(20) of this rule will be achieved when the individual lot operator:

(A) completes final stabilization; or

(B) has installed appropriate erosion and sediment control measures for an individual lot prior to occupation of the home by the homeowner and has informed the homeowner of the requirement for, and benefits of, final stabilization.

*(Water Pollution Control Division; 327 IAC 15-5-7.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 843; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-5-8 Project termination**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 8. (a) The project site owner shall plan an orderly and timely termination of the construction activities, including the implementation of storm water quality measures that are to remain on the project site.

(b) The project site owner shall submit a notice of termination (NOT) letter to the commissioner and a copy to the appropriate SWCD or other designated entity in accordance with the following:

(1) Except as provided in subdivision (2), the project site owner shall submit an NOT letter when the following conditions have been met:

(A) All land disturbing activities, including construction on all building lots, have been completed and the entire site has been stabilized.

(B) All temporary erosion and sediment control measures have been removed.

The NOT letter must contain a verified statement that each of the conditions in this subdivision has been met.

(2) The project site owner may submit an NOT letter to obtain early release from compliance with this rule if the following conditions are met:

(A) The remaining, undeveloped acreage does not exceed five (5) acres, with contiguous areas not to exceed one (1) acre.

(B) A map of the project site, clearly identifying all remaining undeveloped lots, is attached to the NOT letter. The map must be accompanied by a list of names and addresses of individual lot owners or individual lot operators of all undeveloped lots.

(C) All public and common improvements, including infrastructure, have been completed and permanently stabilized and have been transferred to the appropriate local entity.

(D) The remaining acreage does not pose a significant threat to the integrity of the infrastructure, adjacent properties, or water quality.

(E) All permanent storm water quality measures have been implemented and are operational.

(c) Following acceptance of the NOT letter and written approval from the department for early release under subsection (b), the project site owner shall notify all current individual lot owners and all subsequent individual lot owners of the remaining undeveloped acreage and acreage with construction activity that they are responsible for complying with section 7.5 of this rule. The remaining individual lot owners do not need to submit an NOI letter or NOT letter. The notice must contain a verified statement that each of the conditions in subsection (b)(2) have been met. The notice must also inform the individual lot owners of the requirements to:

(1) install and maintain appropriate measures to prevent sediment from leaving the individual building lot; and

(2) maintain all erosion and sediment control measures that are to remain on-site as part of the construction plan.

(d) The SWCD, other entity designated by the department or a regulated MS4 entity, or the department may inspect the project site to evaluate the adequacy of the remaining storm water quality measures and compliance with the NOT letter requirements. If the inspecting entity finds that the project site owner has sufficiently filed an NOT, letter, the entity shall forward notification to the department. Upon receipt of the verified NOT letter by the department and receipt of written approval from the department, the project site owner shall no longer be responsible for compliance with this rule.

(e) After a verified NOT letter has been submitted for a project site, maintenance of the remaining storm water quality measures shall be the responsibility of the individual lot owner or occupier of the property. (*Water Pollution Control Division; 327 IAC 15-5-8; filed Aug 31, 1992, 5:00 p.m.: 16 IR 25; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 843; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-5-9 Standard conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4  
 Affected: IC 13-18

Sec. 9. The standard conditions for NPDES general permit rules under 327 IAC 15-4 shall apply to this rule. (*Water Pollution Control Division; 327 IAC 15-5-9; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-5-10 Inspection and enforcement**

Authority: IC 13-13-5-2; IC 13-15-1-2; IC 13-15-2-1; IC 13-18  
 Affected: IC 13-14-10; IC 13-15-7; IC 13-18-3; IC 13-18-4; IC 13-30

Sec. 10. (a) The department or its designated representative may inspect any project site involved in construction activities regulated by this rule at reasonable times. The department or its designated representatives may make recommendations to the project site owner or their representative to install appropriate measures beyond those specified in the storm water pollution prevention plan to achieve compliance.

(b) All persons engaging in construction activities on a project site shall be responsible for complying with the storm water pollution prevention plan and the provisions of this rule.

(c) The department shall investigate potential violations of this rule to determine which person may be responsible for the violation. The department shall, if appropriate, consider public records of ownership, building permits issued by local units of government, and other relevant information, which may include site inspections, storm water pollution prevention plans, notices of intent, and other information related to the specific facts and circumstances of the potential violation. Any person causing or contributing to a violation of any provisions of this rule shall be subject to enforcement and penalty under IC 13-14-10, IC 13-15-7, and IC 13-30.

(d) If remaining storm water quality measures are not properly maintained by the person occupying or owning the property, the department may pursue enforcement against that person for correction of deficiencies under 327 IAC 15-1-4.

(e) Construction plans and supporting documentation associated with the quality assurance plan must be made available to the department or its designated representatives within forty-eight (48) hours of such a request. (*Water Pollution Control Division; 327 IAC 15-5-10; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; filed Mar 23, 2000, 4:15 p.m.: 23 IR 1912; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 844; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-5-11 Notification of completion (Repealed)**

Sec. 11. (*Repealed by Water Pollution Control Division; filed Oct 27, 2003, 10:15 a.m.: 27 IR 863*)

**327 IAC 15-5-12 Duration of coverage**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 12. (a) A permit issued under this rule is granted by the commissioner for a period of five (5) years from the date coverage commences.

(b) Once the five (5) year permit term duration is reached, a general permit issued under this rule will be considered expired, and, as necessary for construction activity continuation, a new NOI letter would need to be submitted in accordance with subsection (c).

(c) To obtain renewal of coverage under this rule, the information required under sections 5 and 6 of this rule must be submitted to the commissioner ninety (90) days prior to the termination of coverage under this NPDES general permit rule, unless the commissioner determines that a later date is acceptable. Coverage under renewal NOI letters will begin on the date of expiration from the previous five (5) year permit term. (*Water Pollution Control Division; 327 IAC 15-5-12; filed Oct 27, 2003, 10:15 a.m.: 27 IR 844; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**Rule 6. Storm Water Discharges Exposed to Industrial Activity**

**327 IAC 15-6-1 Purpose**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges exposed to industrial activity that are composed entirely of storm water and allowable nonstorm water to protect the public health, existing water uses, and aquatic biota. (*Water Pollution Control Division; 327 IAC 15-6-1; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 845; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-2 Applicability of the general permit rule for storm water discharges exposed to industrial activity**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 4-21.5; IC 13-12-3-1; IC 13-18-1

Sec. 2. (a) Except as provided in subsections (c) through (j), the requirements under this rule apply to all facilities that meet the following requirements:

- (1) Are not prohibited from regulation under an NPDES general permit rule under 327 IAC 15-2-6.
- (2) Meet the NPDES general permit rule applicability requirements under 327 IAC 15-2-3.
- (3) Have not received a conditional no exposure exclusion from storm water permitting under section 12 of this rule.
- (4) Have a new or existing point source discharge composed entirely of storm water and the following allowable nonstorm water discharges exposed to industrial activity:
  - (A) Discharges from firefighting activities.
  - (B) Fire hydrant flushings.
  - (C) Potable water sources, including waterline flushings.
  - (D) Irrigation drainage.
  - (E) Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions.
  - (F) Routine external building washdown that does not use detergents.
  - (G) Pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred, unless all spilled material has been removed, and where detergents are not used.

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- (H) Uncontaminated ground water or spring water.
- (I) Foundation or footing drains where flows are not contaminated with process materials, such as solvents.
- (J) Uncontaminated air conditioning or compressor condensate.
- (K) Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (for example, piped cooling tower blowdown or drains).
- (L) Vehicle washwaters where uncontaminated water, without detergents or solvents, is utilized.
- (M) Run-off from the use of dust suppressants approved for use by other program areas within the department.

Allowable nonstorm water discharges described under this subdivision may be allowed under this rule provided they have not been identified by the permittee or commissioner as a significant contributor of pollutants to a water of the state. If an allowable nonstorm water discharge is determined to be a significant contributor of pollutants to a water of the state an individual wastewater permit may be required for the discharge.

(5) Have industrial activities classified by one (1) or more of the following categories:

(A) Facilities classified under the following SIC codes:

- (i) 20 (food and kindred products).
- (ii) 21 (tobacco products).
- (iii) 22 (textile mill products).
- (iv) 23 (apparel and other textile products).
- (v) 24 (lumber and wood products).
- (vi) 25 (furniture and fixtures).
- (vii) 26 (paper and allied products).
- (viii) 27 (printing and publishing).
- (ix) 28 (chemicals and allied products).
- (x) 29 (petroleum and coal products).
- (xi) 30 (rubber and miscellaneous plastic products).
- (xii) 31 (leather and leather products).
- (xiii) 32 (stone, clay, and glass products).
- (xiv) 33 (primary metal industries).
- (xv) 34 (fabricated metal products).
- (xvi) 35 (industrial machinery and equipment).
- (xvii) 36 (electronic and other electric equipment).
- (xviii) 37 (transportation equipment).
- (xix) 38 (instruments and related products).
- (xx) 39 (miscellaneous manufacturing industries).

(B) Except for those facilities identified in subsection (e), mining operations classified under the following SIC codes:

- (i) 10 (metal mining).
- (ii) 13 (oil and gas extraction).
- (iii) 14 (nonmetallic minerals, except fuels).

(C) Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under Subtitle C of the Resource Conservation and Recovery Act (RCRA), (42 U.S.C. 6921)\*\*.

(D) Except for those facilities identified in subsection (f), landfills, land application sites, open dumps, and transfer stations that receive, or have received, industrial process wastes, as defined in rules of the board at 329 IAC 10-2-95, from any of the types of facilities described under this subdivision.

(E) Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards, including those classified under the following SIC codes:

- (i) 5015 (motor vehicles parts, used).
- (ii) 5093 (scrap and waste materials).

(F) Steam electric power generating facilities except for those facilities identified in subsection (g).

(G) Transportation facilities that have vehicle or aircraft maintenance (including vehicle or aircraft rehabilitation, mechanical repairs, painting, fueling, and lubrication), airport runway or aircraft deicing operations, or industrial

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equipment cleaning areas and are classified under the following SIC codes:

- (i) 40 (railroad transportation).
- (ii) 41 (local and interurban passenger transit).
- (iii) 42 (trucking and warehousing).
- (iv) 43 (United States Postal Service).
- (v) 44 (water transportation).
- (vi) 45 (transportation by air).

(H) Except for those facilities identified in subsections (i) and (j), treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of one million (1,000,000) gallons per day or more, or that are required to have an approved pretreatment program under 40 CFR 403\*\*\*.

(I) Distribution facilities limited to the portions of the facility that are involved in the material handling of agricultural chemicals (chemical fertilizers and pesticides) or are otherwise identified under this clause shall comply with the requirements of this rule if the following conditions are met:

(i) Have been notified by the department of a determination that the facility is subject to this rule because review of available information shows that:

- (AA) the facility had a discharge of a pollutant; or
- (BB) there is a likelihood of a discharge of a pollutant to waters of the state.

A facility that has been notified by the department according to this item that the facility is subject to this rule may exercise its right granted under IC 4-21.5.

(ii) Are involved in the processing, transfer, or storage of agricultural chemicals (chemical fertilizers and pesticides), which meet any of the following storage capacity criteria:

- (AA) Fluid bulk fertilizer in undivided quantities in excess of either two thousand five hundred (2,500) gallons for one (1) vessel or seven thousand five hundred (7,500) gallons total for multiple vessels (3 × 2,500 gallon vessels) at a facility.
- (BB) Dry bulk fertilizer in undivided quantities exceeding twelve (12) tons.
- (CC) Liquid pesticide in undivided quantities in excess of four hundred (400) gallons.
- (DD) Dry pesticide in undivided quantities in excess of one hundred (100) pounds and that is in solid form prior to any application or mixing for application and includes formulations, such as dusts, wettable powders, dry flowable powders, and granules.

(J) Facilities engaged in selling fuel or lubricating oils to the trucking industry, where the facility has on-site vehicle maintenance activities, serves as a truck stop or plaza, and are classified as SIC code 5541 (gasoline service stations). Truck stops and plazas that do not have vehicle maintenance activities and gasoline dispensing facilities, such as automotive service stations, convenience stores, and marinas, are not required to comply with this rule.

(b) When a facility, meeting the applicability requirements of subsection (a), is owned by one (1) person but the regulated industrial activity is conducted by another person, it is the duty of the person conducting the regulated industrial activity to apply for a permit under this rule.

(c) A facility classified in one (1) of the following subcategories of facilities that has storm water effluent guidelines for at least one (1) of its subcategories, in effect on February 12, 1992, shall apply for an individual NPDES storm water permit:

- (1) Cement manufacturing (40 CFR 411).
- (2) Feedlots (40 CFR 412).
- (3) Fertilizer manufacturing (40 CFR 418).
- (4) Petroleum refining (40 CFR 419).
- (5) Phosphate manufacturing (40 CFR 422).
- (6) Steam electric power generation (40 CFR 423).
- (7) Coal mining (40 CFR 434).
- (8) Mineral mining and processing (40 CFR 436).
- (9) Ore mining and dressing (40 CFR 440).

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(10) Asphalt (40 CFR 443).

(d) A facility subject to storm water effluent limitation guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR Chapter I, Subchapter N\* shall apply for an individual NPDES storm water permit.

(e) A sand, gravel, or dimension stone facility classified under SIC code 14 is not subject to this rule if:

(1) it is regulated under a general permit issued by the department; and

(2) all the regulated facility's storm water discharges are addressed by the general permit issued by the department.

(f) A landfill is not subject to this rule if it has satisfied one (1) or more of the following conditions:

(1) Has completed landfill closure approved by the department.

(2) Is regulated under an individual municipal solid waste landfill permit that:

(A) is issued according to 329 IAC 10; and

(B) includes requirements for addressing the quality of storm water run-off.

(g) Steam electric power generating facilities that are involved in the processing, handling, or storage of coal and associated byproducts are not subject to this rule and must apply for an individual NPDES storm water permit.

(h) Transportation facilities identified by SIC code 5171 (petroleum bulk stations and terminals) are not subject to this rule and shall, if facility conditions meet the applicability requirements for a general permit issued by the department, obtain a "Wastewater Discharge Associated with Petroleum Products Terminals" general permit.

(i) Municipal treatment works are not subject to this rule if the treatment works meet the following conditions:

(1) Treat domestic sewage or any other sewage sludge or wastewater.

(2) Have a design flow equal to or greater than one million (1,000,000) gallons per day.

(3) Are considered part of a municipality regulated under 327 IAC 15-13.

(4) Are adequately covered under the requirements of 327 IAC 15-13-17.

(j) Farmland, domestic gardens, or land used for sludge management is not subject to this rule if the following conditions are met:

(1) Sludge is beneficially reused.

(2) The land is not physically located within:

(A) the confines of a municipal treatment works facility; or

(B) areas that are in compliance with Section 405 of the Clean Water Act (33 U.S.C. 1345)\*\*\*\*.

\*Copies of the Code of Federal Regulations (CFR) 40 CFR Chapter I, Subchapter N referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204.

\*\*Copies of the Subtitle C of the Resource Conservation and Recovery Act (RCRA), (42 U.S.C. 6921) referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204.

\*\*\*Copies of the Code of Federal Regulations (CFR) 40 CFR 403 referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204.

\*\*\*\*Copies of Section 405 of the Clean Water Act (33 U.S.C. 1345) referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204. (*Water Pollution Control Division; 327 IAC 15-6-2; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; errata, 16 IR 751; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 845; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-3 General permit rule boundary**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4

Affected: IC 13-18

Sec. 3. Facilities existing within the boundaries of the state of Indiana affected by this rule are regulated under this rule. (*Water Pollution Control Division; 327 IAC 15-6-3; filed Aug 31, 1992, 5:00 p.m.: 16 IR 26; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-4 Definitions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-11-2; IC 13-12-3-1; IC 13-18-1

Sec. 4. In addition to the definitions contained in IC 13-11-2, 327 IAC 5, and 327 IAC 15-1-2, the following definitions apply throughout this rule:

(1) "Best management practices" or "BMPs" means any of the following measures to prevent or reduce the pollution of waters of the state:

- (A) Schedules of activities.
- (B) Prohibitions of practice.
- (C) Treatment requirements.
- (D) Operation and maintenance procedures.
- (E) Use of containment facilities.
- (F) Other management practices.

BMPs may be employed, for example, to control plant site run-off, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage, resulting from regulated industrial activities.

(2) "Concentration" means the mass of any given material present in a unit volume of liquid. Unless otherwise indicated under this rule, concentration values must be expressed in milligrams per liter.

(3) "Deicing operations" means the use of urea, glycol, or other deicing substances to remove ice from aircraft or runways.

(4) "Drainage" means the flow patterns of storm water run-off.

(5) "Drainage area" means the surface area draining storm water run-off.

(6) "Facility" means a parcel of land or site, together with all buildings, equipment, structures, and other stationary items that are:

- (A) located on a single site or on contiguous or adjacent sites; and
- (B) owned or operated by:
  - (i) the same person; or
  - (ii) any person that controls, is controlled by, or is under common control with the same person.

(7) "Good housekeeping" means maintaining a clean work environment to reduce or eliminate the potential mobilization of pollutants by storm water.

(8) "Impervious surface" means any surface that prevents storm water from readily infiltrating into the soils.

(9) "Injection well" means any hole that is deeper than it is wide and through which fluids can enter the ground water. Injection wells are regulated under 40 CFR 145 and 40 CFR 144.

(10) "Material handling activity" means the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, byproduct, or waste product.

(11) "Measurable storm event" means a precipitation event which results in a total measured precipitation accumulation equal to, or greater than, one-tenth (0.1) inch of rainfall.

(12) "Municipal separate storm sewer system" or "MS4" means a conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains that is:

- (A) owned or operated by a federal entity or state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over storm water, including special districts under



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state law, such as a sewer district, flood control district or drainage district, or similar entity, or a designated and approved management agency under Section 208 of the Clean Water Act (33 U.S.C. 1288)\* that discharges into waters of the state;

(B) designed or used for collecting or conveying storm water;

(C) not a combined sewer; and

(D) not part of a publicly owned treatment works (POTW) as defined in 40 CFR 122.2\*\*.

(13) "No exposure" means a condition of a facility that exists when all industrial materials and activities are protected by a storm-resistant shelter to prevent exposure to precipitation or run-off.

(14) "Nonstructural control measure" means the use of nonphysical best management practices to reduce or eliminate mobilization of pollutants by storm water (for example, sweeping, inspections, training, and preventative maintenance).

(15) "Notice of termination letter" or "NOT letter" means a written notification indicating that facility has met the conditions to terminate its permit coverage under this rule.

(16) "Outfall" means the point of discharge from a point source.

(17) "Pervious surface" means a ground surface that readily allows storm water to infiltrate or percolate into the soils.

(18) "Qualified professional" means an individual who is trained and experienced in storm water treatment techniques and related fields as may be demonstrated by state registration, professional certification, experience, or completion of coursework that enable the individual to make sound, professional judgments regarding storm water control or treatment and monitoring, pollutant fate and transport, and drainage planning.

(19) "Qualified storm event" means a discharge resulting from a measurable storm event at least seventy-two (72) hours after the previous measurable storm event. The term does not include discharges of snowmelt.

(20) "Risk identification" means a non-statistical assessment to determine the potential for storm water to be exposed to pollutants and the facility's subsequent need for additional protection practices and measures.

(21) "Secondary containment structure" means a structure or a part of a structure that prevents or impedes a hazardous material that is released accidentally from entering surface water or ground water.

(22) "Storm water discharge" means the release or flow of storm water from a point source, which enters a water of the state.

(23) "Storm water discharge exposed to industrial activity" means storm water discharge that has been exposed to the manufacturing and processing activities, or raw materials or intermediate products storage areas at an industrial facility. For the categories of industries identified in section 2(a)(5) of this rule, the term includes the following:

(A) Storm water discharges from industrial plant yards.

(B) Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or byproducts used or created by the facility.

(C) Material handling sites.

(D) Refuse sites.

(E) Sites used for the application or disposal of process wastewaters (as defined in 40 CFR 401).

(F) Sites used for the storage and maintenance of material handling equipment.

(G) Sites used for residual treatment, storage, or disposal.

(H) Shipping and receiving areas.

(I) Manufacturing buildings.

(J) Storage areas (including tank farms) for raw materials and intermediate and finished products.

(K) Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water.

(24) "Storm water pollution prevention plan" or "SWP3" means a written document that addresses storm water run-off pollution prevention for a specific industrial facility.

(25) "Structural control measure" means a physical structure designed to reduce or eliminate the mobilization of pollutants by storm water, for example, detention structures, berming, and vegetated swales.

\*Copies of Section 208 of the Clean Water Act (33 U.S.C. 1288) referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204.

\*\*Copies of the Code of Federal Regulations (CFR) 40 CFR 122.2 referenced in this section may be obtained from the

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Government Printing Office, Washington, D.C. 20402 or the Indiana Department of Environmental Management, Office of Water Quality, Indiana Government Center North, 100 North Senate Avenue, Room N1255, Indianapolis, Indiana 46204. (*Water Pollution Control Division; 327 IAC 15-6-4; filed Aug 31, 1992, 5:00 p.m.: 16 IR 27; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; errata, 16 IR 751; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 848; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-5 Additional NOI letter requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 5. In addition to the NOI letter requirements under 327 IAC 15-3, the following information must be submitted with the NOI letter under this rule:

- (1) Name of responsible corporate officer or written authorization for an alternate individual or position to act as the duly authorized representative for that individual, if appropriate, who will be responsible for all signatory responsibilities for the facility under 327 IAC 15-4-3(g).
- (2) Name and contact information of the individual who can provide assistance with information pertaining to the facility's permit.
- (3) A brief narrative description of the industrial processes performed at the facility.
- (4) Identification of the number and location of each outfall where storm water exposed to industrial activity discharges to a water of the state, including a narrative description of the industrial activity associated with the drainage area of each identified outfall.
- (5) Identification of substantially similar outfalls of storm water identified in subdivision (4) and the outfall to be monitored as representative of all such discharges. Include an explanation of the rationale used to identify why certain outfalls are similar.
- (6) The identification of past and present NPDES permits, if applicable.
- (7) The identification of the regulated MS4 entity receiving the storm water discharge, if applicable.
- (8) Proof of publication of the following statement in the newspaper of largest circulation in the area of the discharge: "(Facility name, address, address of the location of the discharging facility, and the stream(s) receiving the discharge(s)) is submitting an NOI letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-6 to discharge storm water exposed to industrial activities."

(*Water Pollution Control Division; 327 IAC 15-6-5; filed Aug 31, 1992, 5:00 p.m.: 16 IR 28; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 851; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-6 Deadline for submittal of an NOI letter; additional information**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 6. All information required under 327 IAC 15-3 and section 5 of this rule shall be submitted to the commissioner in accordance with 327 IAC 15-3-3. For newly constructed industrial facilities, the NOI letter shall be submitted ninety (90) days prior to start up of industrial operations. For existing industrial facilities regulated by this rule, the NOI letter must be submitted in accordance with 327 IAC 15-2-9. For existing industrial facilities that have not been regulated by this rule but now meet the applicability requirements of this rule, the NOI letter must be submitted within ninety (90) days of the effective date of this rule unless permission for a later date has been granted by the commissioner. (*Water Pollution Control Division; 327 IAC 15-6-6; filed Aug 31, 1992, 5:00 p.m.: 16 IR 28; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 851; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-*

*IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-6-7 General requirements for a storm water pollution prevention plan (SWP3)**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7. (a) The person having financial responsibility or operational control for a facility regulated under this rule shall develop implement, update, and maintain a SWP3 that:

- (1) identifies potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges exposed to industrial activity from the facility;
- (2) describes practices and measures to be used in reducing the potential for pollutants to be exposed to storm water;
- (3) assures compliance with the terms and conditions of this rule;
- (4) lists, by position title, the member or members of a facility storm water pollution prevention team, who will be responsible for developing the storm water pollution prevention plan and assisting the facility or plant manager in its implementation, maintenance, and revision; and
- (5) clearly identifies the responsibilities of each storm water pollution prevention team member.

(b) The SWP3 must include a map and description of all areas of the facility that generate storm water discharges exposed to industrial activity and have a reasonable potential for storm water to be exposed to pollutants. At a minimum, the plan shall contain the following:

- (1) A copy of the complete NOI letter.
- (2) A soils map indicating the types of soils found on the facility property and showing the boundaries of the facility property outlined in a contrasting color. If a facility's property only has impervious surfaces, the soils map requirement can be omitted.
- (3) A graphical representation, such as aerial photographs or site layout maps, drawn to an appropriate scale, which contains a legend and compass coordinates, indicating, at a minimum, the following:
  - (A) All on-site storm water drainage and discharge conveyances, which may include pipes, ditches, swales, and erosion channels, related to a storm water discharge.
  - (B) Known adjacent property drainage and discharge conveyances, if directly associated with run-off from the facility.
  - (C) All on-site and known adjacent property waterbodies, including wetlands and springs.
  - (D) An outline of the drainage area for each storm water outfall.
  - (E) An outline of the facility property indicating directional flows, via arrows, of surface drainage patterns.
  - (F) An outline of impervious surfaces, which includes pavement and buildings, and an estimate of the impervious and pervious surface square footage for each drainage area placed in a map legend.
  - (G) On-site injection wells, as applicable.
  - (H) On-site wells used as potable water sources, as applicable.
  - (I) All existing structural control measures to reduce pollutants in storm water run-off.
  - (J) All existing and historical underground or aboveground storage tank locations, as applicable.
  - (K) All permanently designated plowed or dumped snow storage locations.
  - (L) All loading and unloading areas for solid and liquid bulk materials.
  - (M) All existing and historical outdoor storage areas for raw materials, intermediary products, final products, and waste materials.
  - (N) All existing or historical outdoor storage areas for fuels, processing equipment, and other containerized materials, for example, in drums and totes.
  - (O) Outdoor processing areas.
  - (P) Dust or particulate generating process areas.
  - (Q) Outdoor waste storage or disposal areas.
  - (R) Pesticide or herbicide application areas.
  - (S) Vehicular access roads.

The on-site mapping of items listed in clauses (J) through (S) is required only in those areas that generate storm water discharges exposed to industrial activity and have a reasonable potential for storm water exposure to pollutants. The mapping

of historical locations is only required if the historical locations have a reasonable potential for storm water exposure to historical pollutants.

(4) An area map that indicates:

- (A) the topographic relief or similar elevations to determine surface drainage patterns;
- (B) the facility boundaries outlined in a contrasting color;
- (C) all receiving waters; and
- (D) all known drinking water wells;

and includes, at a minimum, the features in clauses (A), (C), and (D) within a one-fourth (1/4) mile radius beyond the property boundaries of the facility. This map must be to scale and include legend and compass coordinates.

(5) A narrative description of areas that generate storm water discharges exposed to industrial activity and have a reasonable potential for storm water exposure to pollutants, including descriptions for any existing or historical areas listed in subdivision (3)(J) through (3)(S), and any other areas thought to generate storm water discharges exposed to industrial activity and be a reasonable potential source of storm water exposure to pollutants. The narrative descriptions for each identified area must include the following:

- (A) Type and typical quantity of materials present in the area.
- (B) Methods of storage, including presence of any secondary containment measures.
- (C) Any remedial actions undertaken in the area to eliminate pollutant sources or exposure of storm water to those sources. If a corrective action plan was developed, the type of remedial action and plan date shall be referenced.
- (D) Any significant release or spill history dating back a period of three (3) years from the date of the initial NOI letter, in the identified area, for materials spilled outside of secondary containment structures and impervious surfaces in excess of their reportable quantity, including the following:
  - (i) The date and type of material released or spilled.
  - (ii) The estimated volume released or spilled.
  - (iii) A description of the remedial actions undertaken, including disposal or treatment.

Depending on the adequacy or completeness of the remedial actions, the spill history shall be used to determine additional pollutant sources that may be exposed to storm water. In subsequent permit terms, the history shall date back for a period of five (5) years from the date of the NOI letter.

(E) Where the chemicals or materials have the potential to be exposed to storm water discharges, the descriptions for each identified area must include a risk identification analysis of chemicals or materials stored or used within the area.

The analysis must include the following:

- (i) Toxicity data of chemicals or materials used within the area, referencing appropriate material safety data sheet information locations.
- (ii) The frequency and typical quantity of listed chemicals or materials to be stored within the area.
- (iii) Potential ways in which storm water discharges may be exposed to listed chemicals and materials.
- (iv) The likelihood of the listed chemicals and materials to come into contact with storm water.

(6) A narrative description of existing and planned management practices and measures to improve the quality of storm water run-off entering a water of the state. Descriptions must be created for existing or historical areas listed in subdivision (3)(J) through (3)(S) and any other areas thought to generate storm water discharges exposed to industrial activity and be a potential source of storm water exposure to pollutants. The description must include the following:

- (A) Any existing or planned structural and nonstructural control practices and measures.
- (B) Any treatment the storm water receives prior to leaving the facility property or entering a water of the state.
- (C) The ultimate disposal of any solid or fluid wastes collected in structural control measures other than by discharge.

(7) If applicable, the specific control practices and measures for potential pollutant source areas must include the following:

- (A) Identification of areas that, due to topography, activities, or other factors, have a high potential for significant soil erosion and identify and implement measures to limit erosion.
- (B) A plan to cover, or otherwise reduce the potential for pollutants in storm water discharge from, deicing salt and sand or other commercial or industrial material storage piles, except for exposure resulting from the addition or removal of materials from the pile. For piles that do not have the potential for polluting storm water run-off, the plan needs to provide the basis for determining no exposure potential. The plan must be included in the SWP3.

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(C) Storage piles of sand and salt or other commercial or industrial materials must be stored in a manner to reduce the potential for polluted storm water run-off and in accordance with the plan required under clause (B).

(8) Information or other documentation required under subsection (d).

(9) The results of monitoring required in section 7.3 of this rule. The monitoring data must include completed field data sheets, chain-of-custody forms, and laboratory results. If the monitoring data is not placed into the facility's SWP3, the on-site location for storage of the information must be referenced in the SWP3. As two (2) or more sample monitoring events are completed, the laboratory results must be compared to indicate water quality improvements in the run-off from the facility. If the parameters and sample type are identical, historical storm water monitoring data at each discharge outfall identified in section 5(4) of this rule, or representative discharge outfall identified in section 5(5) of this rule, can be used in the comparison to provide data that is more reflective of initial water quality conditions.

(10) A mapped or narrative description of any such management practice or measure pursuant to subsection (c)(4) must be added to the SWP3.

(c) For areas of the facility that generate storm water discharges and have a reasonable potential for storm water exposure to pollutants, storm water exposure to pollutants must be minimized. To ensure this reduction, the following practices and measures must be planned and implemented:

(1) A written preventative maintenance program, including the following:

(A) Implementation of good housekeeping practices to ensure the facility will be operated in a clean and orderly manner and that pollutants will not have the potential to be exposed to storm water via vehicular tracking or other means.

(B) Maintenance of storm water management measures, for example, catch basins or the cleaning of oil or water separators. All maintenance must be documented and either contained in, or have the on-site record keeping location referenced in, the SWP3.

(C) Inspection and testing of facility equipment and systems that are in areas of the facility that generate storm water discharges and have a reasonable potential for storm water exposure to pollutants to ensure appropriate maintenance of such equipment and systems and to uncover conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters.

(D) At a minimum, quarterly inspections of the storm water management measures and storm water run-off conveyances. Inspections must be documented and either contained in, or have the on-site record keeping location referenced in, the SWP3.

(E) An employee training program to inform personnel at all levels of responsibility that have the potential to engage in industrial activities that impact storm water quality of the components and goals of the SWP3. Training must occur at a minimum annually and should address topics such as spill response, good housekeeping, and material management practices. All employee training sessions, including relevant storm water topics discussed and a roster of attendees, must be documented and either contained in, or have the on-site record keeping location referenced in, the SWP3.

(2) A written spill response program, including the following:

(A) Location, description, and quantity of all response materials and equipment.

(B) Response procedures for facility personnel to respond to a release.

(C) Contact information for reporting spills, both for facility staff and external emergency response entities.

(3) A written nonstorm water assessment, including the following:

(A) A certification letter stating that storm water discharges entering a water of the state have been evaluated for the presence of illicit discharges and nonstorm water contributions.

(B) Detergent or solvent-based washing of equipment or vehicles that would allow washwater additives to enter any storm drainage system or receiving water shall not be allowed at the facility.

(C) All interior maintenance area floor drains with the potential for maintenance fluids or other materials to enter storm sewers must be either sealed, connected to a sanitary sewer with prior authorization, or appropriately permitted under the NPDES wastewater program pursuant to 327 IAC 5. The sealing, sanitary sewer connecting, or permitting of drains under this clause must be documented in the written nonstorm water assessment program.

(D) The certification shall include a description of the method used, the date of any testing, and the on-site drainage

points that were directly observed during the test.

(4) If parameter reductions are not indicated in the comparison conducted under subsection (b)(9) and they cannot be attributed to laboratory error or significant variability in the rainfall events, the source of the pollutant parameter must be investigated and either eliminated or reduced via a management practice or measure to the extent technologically practicable and cost beneficial. A lack of reduction does not, in and of itself, constitute a violation of this permit. However, insufficient reductions may be used to identify facilities that would be more appropriately covered under an individual storm water NPDES permit. If parameter concentrations are at, or below, laboratory detection limitations, further reductions are not necessary.

(d) The SWP3 must meet the following general requirements:

(1) The plan shall be certified by a qualified professional.

(2) The plan must be retained at the facility and be available for review by a representative of the commissioner upon request or, in the case of a storm water discharge exposed to industrial activity that discharges through a regulated municipal separate storm sewer system conveyance, by the operator or operators of the regulated municipal system.

(3) The plan must be completed and implemented on or before three hundred sixty-five (365) days after submission of a timely-submitted initial NOI letter or the expiration date of the previous five (5) year permit term. The commissioner may grant an extension of this time frame based on a request by the person showing reasonable cause.

(4) The person having financial responsibility or operational control for a facility shall complete and submit to the commissioner a storm water pollution prevention plan certification checklist form within thirty (30) days of the plan completion date, but no later than three hundred sixty-five (365) days after the submission of a timely-submitted initial NOI letter or the expiration date of the previous five (5) year permit term. This checklist must also be signed by a qualified professional.

(5) A permittee regulated under this rule shall amend the plan by either of the following:

(A) Whenever there is a change in design, construction, operation, or maintenance at the facility, which may have a significant effect on the potential for the discharge of pollutants to surface waters of the state.

(B) Upon written notice by the commissioner that the SWP3 proves to be ineffective in controlling pollutants in storm water discharges exposed to industrial activity. Within sixty (60) days of such notification from the commissioner, the permittee shall make the required changes to the SWP3 and shall submit the amended plan to the commissioner for review.

(6) If a permittee has other written plans, required under applicable federal or state law, such as operation and maintenance, spill prevention control and countermeasures, or risk contingency plans, which fulfill certain requirements of a SWP3, these plans may be referenced, at the permittee's discretion, in the appropriate sections of the SWP3 to meet those section requirements.

(7) A permittee may combine the requirements of the SWP3 with another written plan if:

(A) the plan is retained at the facility and available for review;

(B) all the requirements of the SWP3 are contained within the plan; and

(C) a separate, labeled section is utilized in the plan for the SWP3 requirements.

*(Water Pollution Control Division; 327 IAC 15-6-7; filed Aug 31, 1992, 5:00 p.m.: 16 IR 28; errata filed Sep 10, 1992, 12:00 p.m.: 16 IR 65; errata, 16 IR 898; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 851; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2284; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-6-7.3 Monitoring requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7.3. (a) Monitoring requirements shall be as follows:

(1) Each discharge outfall identified in section 5(4) of this rule, or representative discharge outfall identified in section 5(5) of this rule, composed entirely of storm water and allowable nonstorm water run-off, shall be monitored as follows:

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Parameter	Units	Sample Type	Frequency
Oil and grease	mg/l	grab	Annual
CBOD <sub>5</sub> (Carbonaceous biochemical oxygen demand)	mg/l	grab	Annual
COD (Chemical oxygen demand)	mg/l	grab	Annual
TSS (Total suspended solids)	mg/l	grab	Annual
TKN (Total Kjeldahl nitrogen)	mg/l	grab	Annual
Total phosphorous	mg/l	grab	Annual
pH	s.u.	grab	Annual
Nitrate plus nitrite nitrogen	mg/l	grab	Annual

(2) Each discharge outfall subject to subdivision (1) shall be monitored for any pollutant attributable to a facility's industrial activity that is reasonably expected to be present in the discharge, as well as for any other pollutant that has the potential to be present in a storm water discharge as requested by the commissioner.

(3) Within one (1) year of the original or renewal NOI letter submittal and prior to implementation of the SWP3, a permittee regulated under this rule shall sample and analyze the discharge from the outfall identified in the approved NOI letter. The monitoring data taken from this first year event shall be used by the permittee as an aid in developing and implementing the SWP3. Subsequent annual sampling data shall be used to verify the effectiveness of the SWP3 and will aid the permittee with revising the SWP3 and implementation of additional BMPs, as necessary.

(4) The commissioner may require a permittee to sample additional storm events beyond the required five (5) annual events upon finding reasonable cause. The commissioner shall notify the facility in writing that additional sampling is required.

(5) A grab sample must be collected during the first thirty (30) minutes of discharge at the storm water outfalls identified in the NOI letter or as soon thereafter as practicable.

(6) The pH measurement must be taken at the time the grab sample is collected and by using a pH meter that has been properly calibrated according to manufacturer's specifications and provides results displayed in numeric units. A color comparison analysis for pH is not acceptable.

(7) There shall be a minimum of three (3) months between reported sampling events.

(8) Samples must be taken at a point representative of the discharge but prior to entry into surface waters of the state or a municipal separate storm sewer conveyance unless an alternative location has been granted by the commissioner. For discharges that flow through on-site detention basins, samples shall be taken at a point representative of the discharge from the basin.

(9) All samples must be collected from a discharge resulting from a measurable storm event at least seventy-two (72) hours from the previous measurable storm event. Documentation of weather conditions that prevent sampling as described in this subsection must be provided to the commissioner.

(10) The analytical and sampling methods used must meet the requirements of 327 IAC 5-2-13(d)(1) and 327 IAC 5-2-13(d)(2) for quality assurance and quality control.

(11) Run-off events resulting from snow or ice melt should not be sampled and shall not be used to meet the minimum annual monitoring requirements.

(b) Reporting requirements shall be as follows:

(1) All samples must be reported as a value of concentration or loading.

(2) For each measurement or sample taken under this rule, the permittee shall record and submit the following information to the commissioner:

(A) The exact place, date, and time of the start of the discharge, the duration of the storm event sampled, a measurement of the rainfall in inches, and time of sampling.

(B) The duration between the storm event sampled and the end of the previous measurable storm event.

(C) The individual who performed the sampling or measurements.

(D) The dates the analyses were performed.

(E) The individual who performed the analyses.

(F) The analytical techniques or methods used.

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(G) The results of all required analyses and measurements.

(H) A complete copy of the laboratory report, including chain-of-custody.

(3) All records and information resulting from the monitoring activities required under this rule, including all records of analyses performed and calibration and maintenance of instrumentation, must be retained for a minimum of either one (1) year following the date on an NOT letter, three (3) years following the expiration of the facility's permit, or longer if requested by the commissioner. As applicable, the records for calibration and maintenance of instrumentation can be maintained at an off-site laboratory but must be available to the commissioner upon request. All calibration and maintenance records for on-site instruments, such as pH meters, used by a facility for compliance with this rule must be documented and either contained in, or have the on-site record keeping location referenced in, the SWP3.

(4) A permittee regulated under this rule shall submit sampling data results to the commissioner at the address specified in section 8.5 of this rule within thirty (30) days after laboratory analyses have been completed.

(5) A permittee regulated under this rule that has a discharge that enters a regulated municipal separate storm sewer conveyance shall also submit a copy of the sampling data results to the operator of the regulated municipal system conveyance upon request.

(6) If a permittee regulated under this rule monitors a pollutant more frequently than required under this rule, using analytical methods referenced in subsection (a)(10), the results of such monitoring must be reported as additional information in the annual report. Such increased frequency must also be indicated in the report.

*(Water Pollution Control Division; 327 IAC 15-6-7.3; filed Oct 27, 2003, 10:15 a.m.: 27 IR 857; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2285; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-6-7.5 Annual reports**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 7.5. A permittee regulated under this rule shall submit an annual report to the commissioner that contains the following information:

(1) Any changes to the original NOI letter.

(2) Any changes to the facility, the facility's operations or industrial activities.

(3) During the second through fifth years of permit coverage, a copy of the comparison of all sampling data results included in the facility's SWP3 and required under section 7(b)(9) of this rule.

(4) Any additional BMPs implemented, or corrective measures taken, as a result of sampling data results.

The annual report must contain information obtained during the previous year of regulation and be submitted initially no later than three hundred sixty-five (365) days from the initial NOI submittal date or the expiration date of the previous five (5) year permit term. Subsequent annual report submittals shall be provided no later than three hundred sixty-five (365) days from the previous report in years two (2) through five (5). *(Water Pollution Control Division; 327 IAC 15-6-7.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 858; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-6-8 Standard conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4

Affected: IC 13-18

Sec. 8. In addition to the conditions set forth in this rule, the standard conditions for the NPDES general permit rule under 327 IAC 15-4 shall apply also to this rule. *(Water Pollution Control Division; 327 IAC 15-6-8; filed Aug 31, 1992, 5:00 p.m.: 16 IR 32; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*



**327 IAC 15-6-8.5 Permit compliance schedule**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-18-1

Sec. 8.5. The following compliance schedule must be followed:

Permit Compliance Schedule

To apply for coverage	Submit a completed NOI letter
1st year of permit coverage	Submit results of sampling data Develop and implement the SWP3 Submit SWP3 certification checklist Submit annual report
2nd year of permit coverage	Submit results of sampling data Submit annual report
3rd year of permit coverage	Submit results of sampling data Submit annual report
4th year of permit coverage	Submit results of sampling data Submit annual report
5th year of permit coverage	Submit results of sampling data Submit annual report
90 days before permit expires	Resubmit a completed NOI letter
Permit renewals	Repeat annual sampling schedule Submit SWP3 certification checklist during the first year of renewal coverage only if substantial changes have been made on site or to the plan since its inception Submit annual reports

The compliance schedule begins from the date on the initial NOI letter submittal or the expiration date of the previous five (5) year permit term. All submittals to the commissioner must be sent to:

Indiana Department of Environmental Management  
Office of Water Quality  
100 North Senate Avenue, Room N1255  
Indianapolis, Indiana 46204.

*(Water Pollution Control Division; 327 IAC 15-6-8.5; filed Oct 27, 2003, 10:15 a.m.: 27 IR 859; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-6-9 Inspection and enforcement**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-12-3-1; IC 13-14-10; IC 13-15-7; IC 13-18-1; IC 13-30

Sec. 9. (a) The commissioner or designated representative may inspect any facility regulated under this rule at any time. The storm water pollution prevention plan as required by section 7 of this rule and monitoring records as required by section 7.3 of this rule must be available on-site for review by the commissioner. The department or its designated representatives may make recommendations to the facility owner or its representative to install appropriate measures beyond those specified in the storm water pollution prevention plan to achieve compliance.

(b) The department shall investigate potential violations of this rule to determine which person may be responsible for the violation. The department shall, if appropriate, consider public records of ownership and other relevant information, which may include site inspections, storm water pollution prevention plans, notices of intent, contracts, and other information, related to the

specific facts and circumstances of the potential violation.

(c) Any person causing or contributing to a violation of any provision of this rule shall be subject to enforcement and penalty as set forth under IC 13-14-10, IC 13-15-7, and IC 13-30. (*Water Pollution Control Division; 327 IAC 15-6-9; filed Aug 31, 1992, 5:00 p.m.: 16 IR 32; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; filed Oct 27, 2003, 10:15 a.m.: 27 IR 859; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-10 Duration of coverage and renewal**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4  
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 10. A permit issued under this rule is valid for a period of five (5) years from the date that the commissioner receives an original NOI letter. To obtain renewal of coverage under this rule, the information required under 327 IAC 15-3 and section 5 of this rule must be submitted to the commissioner ninety (90) days prior to the expiration of coverage under this rule unless the commissioner determines that a later date is acceptable. Coverage under renewal NOI letters will begin on the date of expiration from the previous five (5) year permit. (*Water Pollution Control Division; 327 IAC 15-6-10; filed Oct 27, 2003, 10:15 a.m.: 27 IR 859; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-11 Termination of coverage; permit not transferable**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4  
Affected: IC 13-12-3-1; IC 13-18-1

Sec. 11. (a) An NOT letter, on a form provided by the commissioner, must be submitted by a permittee regulated under this rule for any of the following:

- (1) Closure of the facility.
- (2) Transfer of ownership or operator.
- (3) No exposure of all facility industrial activities to storm water.
- (4) All storm water run-off from the facility flows into a combined sewer system.
- (5) Storm water does not have the potential to impact a water of the state.

(b) An NOT letter for closure of a facility or transfer of ownership or operator must be submitted within thirty (30) days of the date of closure or transfer.

(c) For transfers, the new owner or operator must submit a new NOI letter within sixty (60) days of the date of transfer.

(d) For a permittee to make a claim of termination based on no exposure to industrial activities, a complete "No Exposure Certification" completed in accordance with section 12 of this rule must be submitted with the NOT letter.

(e) For a permittee to make a claim of termination based on all storm water run-off flowing into a combined sewer system, a certification letter from the responsible party of the combined sewer system, on responsible party letterhead, must be submitted with the NOT letter.

(f) The completed NOT will be reviewed by the commissioner within sixty (60) days of the submittal date. The permit remains in effect during the review timeframe.

(g) Upon completion of review the commissioner may:

- (1) approve the NOT letter request;
- (2) deny the NOT request; or
- (3) request an on-site verification inspection.

(h) If the permittee does not receive a notification under subsection (g) within sixty (60) days of the NOT request submittal, the NOT request will be deemed approved.

(i) The commissioner may issue an NOT letter for any of the following occurrences:

- (1) Effluent standards and limitations are promulgated for discharges subject to this rule.
- (2) It is determined that a general permit is not adequate to protect water quality.

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When a general permit is not adequate, an individual NPDES storm water permit will be issued. (*Water Pollution Control Division; 327 IAC 15-6-11; filed Oct 27, 2003, 10:15 a.m.: 27 IR 860; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**327 IAC 15-6-12 Conditional no exposure exclusion**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2; IC 13-18-3; IC 13-18-4

Affected: IC 13-11-2; IC 13-12-3-1; IC 13-18-1

Sec. 12. (a) In addition to the definitions contained in IC 13-11-2, 327 IAC 5, 327 IAC 15-1-2, and section 4 of this rule, the following definitions apply throughout this section:

- (1) "Adequately maintained vehicle" means a vehicle (truck, automobile, forklift, trailer, or other general purpose vehicle) found on facility property that is not industrial machinery and not leaking or otherwise a potential source of contaminants.
  - (2) "Final product" means a product that is not used in producing other products and is built and intended for use outdoors, provided the final product has not deteriorated or has otherwise become a potential source of contaminants.
  - (3) "Industrial materials and activities" means:
    - (A) material handling equipment or activities;
    - (B) industrial machinery;
    - (C) raw materials, intermediate products, byproducts, and final products; or
    - (D) waste products.
  - (4) "Intermediate product" means a product that is used in the composition of yet another product.
  - (5) "Material handling activity" means the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, byproduct, or waste product. The term does not include activities conducted on facility property separate from the facility's industrial activities, such as office buildings and accompanying parking lots, as long as the drainage from the excluded areas is not mixed with storm water drained from the included areas.
  - (6) "Sealed container" means a container that has been banded or otherwise secured, without operational taps or valves, provided the container is not deteriorated and does not leak.
  - (7) "Storm-resistant shelter" means a completely roofed and walled building or structure, as well as a structure with only a top cover but no side coverings, provided material under the structure is not otherwise subject to any run-on and subsequent run-off of storm water.
- (b) A facility regulated under this rule may request an exclusion from permit coverage by:
- (1) submitting a complete "No Exposure Certification" form provided by the commissioner;
  - (2) allowing the commissioner to inspect the facility to determine compliance with the "no exposure" conditions;
  - (3) allowing the commissioner to make any "no exposure" inspection reports available to the public upon request; and
  - (4) for facilities that discharge through a regulated MS4 conveyance, upon request, submitting a copy of the certification of "no exposure" to the MS4 operator, as well as allowing inspection and public reporting by the MS4 operator.
- (c) New or existing facilities that were not previously required to obtain a permit under this rule, but are subject to it, must either obtain permit coverage in accordance with sections 5 and 6 of this rule or comply with the procedures in subsection (b).
- (d) To determine if a facility can apply for the no exposure certification, the following must be considered:
- (1) A condition of no exposure exists at an industrial facility when all industrial materials and activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and run-off.
  - (2) The conditional no exposure exclusion is available on a facility-wide basis only, not for individual outfalls, and a no exposure certification must be provided for each facility qualifying for the no exposure exclusion.
  - (3) The no exposure certification requirement applies to all industrial facilities regulated under this rule, including light industrial facilities that were previously not required to submit documentation to be excluded from storm water permitting requirements.
  - (4) A storm-resistant shelter is not required for the following industrial materials and activities:
    - (A) Drums, barrels, tanks, and similar containers that are tightly sealed, provided these containers are not deteriorated and do not leak.

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- (B) Adequately maintained vehicles used in material handling.
- (C) Final products, except those products that would be mobilized in storm water discharges (for example, rock salt), products that may, when exposed to storm water, oxidize, deteriorate, leak, or otherwise be a potential source of contaminants, or final products that are in actuality intermediate products.
- (5) Particulate matter emissions from roof stacks and vents that are otherwise regulated by, and in compliance with, the department's other environmental protection programs (for example, air quality control programs) and do not cause storm water contamination are considered not exposed. Particulate matter or visible deposits of residuals from roof stacks and vents not otherwise regulated (for example, under an air quality control program) and evident in storm water discharges are considered exposed. Likewise, visible "track out" (pollutants carried on the tires of vehicles) and windblown raw materials are considered exposed.
- (6) General and industrial refuse and trash contained in covered, nonleaking containers are not considered exposed as long as the containers are completely covered and nothing can drain out holes in their bottoms or be lost in loading onto a garbage truck. General and industrial refuse and trash that are left uncovered, however, are considered exposed.
- (7) Storm water run-off from separate office buildings and their associated parking lots do not need to be considered when determining no exposure at an industrial facility.
- (8) Temporary covers may be used to shelter materials and activities until permanent enclosure can be achieved. The temporary sheltering of industrial materials and activities is only allowed during facility renovation or construction.
- (9) Aboveground storage tanks (ASTs) are generally considered not exposed and may be exempt from the prohibition against adding or withdrawing materials to or from external containers. For an AST to be operational and qualify for no exposure:
  - (A) it must be physically separated from, and not associated with, vehicle maintenance operations;
  - (B) there must be no piping, pumps, or other equipment leaking contaminants that could contact storm water; and
  - (C) it must be surrounded by some type of physical containment to prevent run-off in the event of a structural failure or leaking transfer valve.
- (e) The no exposure certification must include the following information:
  - (1) The person's name, address, and phone number.
  - (2) The facility name and address, the county name, and the latitude and longitude where the facility is located.
  - (3) The certification must indicate that none of the following materials or activities are, or will be in the foreseeable future, exposed to precipitation:
    - (A) Using, storing, or cleaning industrial machinery or equipment, and areas where residuals from using, storing, or cleaning industrial machinery or equipment remain and are exposed to storm water.
    - (B) Materials or residuals on the ground or in storm water inlets from spills or leaks.
    - (C) Materials or products from past industrial activity.
    - (D) Material handling equipment (except adequately maintained vehicles).
    - (E) Materials or products during loading and unloading or transporting activities.
    - (F) Materials or products stored outdoors (except final products intended for outside use, for example, new cars, where exposure to storm water does not result in the discharge of pollutants).
    - (G) Materials contained in open, deteriorated, or leaking storage drums, barrels, tanks, and similar containers.
    - (H) Materials or products handled or stored on roads or railways owned or maintained by the facility.
    - (I) Waste material (except waste in covered, nonleaking containers, for example, dumpsters).
    - (J) Application or disposal of process wastewater (unless otherwise permitted).
    - (K) Particulate matter or visible deposits of residuals from roof stacks or vents not otherwise regulated, that is, under an air quality control permit, and evident in the storm water outflow.
  - (4) All no exposure certifications must include the following certification statement and be signed in accordance with 327 IAC 15-4-3(g) and 327 IAC 15-4-3(h): "I certify under penalty of law that I have read and understand the eligibility requirements for claiming a condition of "no exposure" and obtaining an exclusion from NPDES storm water permitting; and that there are no discharges of storm water contaminated by exposure to industrial activities or materials from the industrial facility identified in this document (except as allowed under subsection (d)(4)). I understand that I am obligated to submit a no exposure certification form once every five (5) years to the department and, if requested, to the operator of the local regulated MS4 into which this facility discharges (where applicable). I understand that I must allow the department,

or MS4 operator where the discharge is into the local regulated MS4, to perform inspections to confirm the condition of no exposure and to make such inspection reports publicly available upon request. I understand that I must obtain coverage under an NPDES permit prior to any point source discharge of storm water from the facility. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly involved in gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(f) Information contained in the "No Exposure Certification" form provided by the commissioner shall be used by the commissioner to determine whether a facility is eligible for the exclusion. Definitions of terms provided in these documents shall apply to the commissioner's interpretation of the no exposure exclusion.

(g) A facility excluded under this section shall meet the following requirements:

(1) A copy of the "No Exposure Certification" form must be retained on site at the facility for a period of five (5) years following the date that the commissioner received the original form in order for the no exposure exclusion to remain applicable.

(2) The "No Exposure Certification" form must be submitted once every five (5) years to the commissioner with updated information as necessary.

(3) The certification for no exposure is nontransferable. If a new operator or owner takes over a facility, the new operator shall immediately complete and submit a new certification form in order to claim the exclusion.

(4) If changes at a facility result in industrial activities or materials becoming exposed to storm water, the no exposure exclusion ceases to apply. The person with financial responsibility or operational control for the facility must submit an NOI letter in accordance with sections 5 and 6 of this rule at least two (2) days before the foreseen changes happen that cause the condition of exposure.

(5) If unforeseen events, such as spills, equipment malfunctions, or acts of nature, cause industrial activities or materials to become exposed to storm water, the no exposure exclusion may still apply provided notification is given to the commissioner within twenty-four (24) hours of facility personnel becoming aware of the exposure and corrective measures are taken to reestablish a condition of no exposure prior to the next storm water discharge event.

(h) If the commissioner finds that, during a compliance inspection or at a later time, the facility has a reasonable potential to cause a violation or nonattainment of a water quality standard or does not meet the conditions for the no exposure exclusion, the commissioner may, upon notifying the facility in writing, deny or revoke the exclusion and require the facility to obtain permit coverage within thirty (30) days of the date on the notification letter.

(i) Failure to maintain the condition of no exposure or obtain coverage under an NPDES permit may lead to the unauthorized discharge of pollutants to waters of the state. (*Water Pollution Control Division; 327 IAC 15-6-12; filed Oct 27, 2003, 10:15 a.m.: 27 IR 860; errata filed Feb 4, 2004, 1:45 p.m.: 27 IR 2285; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

## **Rule 7. Facilities Engaged in Mining of Coal, Coal Processing, and Reclamation Activities**

### **327 IAC 15-7-1 Purpose**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-18-4

Sec. 1. The purpose of this rule is to regulate wastewater discharges from surface mining, underground mining, and reclamation projects which utilize sedimentation basin treatment for pit dewatering and surface run-off and to require best management practices for storm water run-off to protect the public health, existing water uses, and aquatic biota. (*Water Pollution Control Division; 327 IAC 15-7-1; filed May 25, 1994, 11:00 a.m.: 17 IR 2284; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; readopted filed Jun 14, 2019, 1:59 p.m.:*

20190710-IR-327190246BFA)

**327 IAC 15-7-2 Definitions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4

Affected: IC 13-18

Sec. 2. The following definitions apply throughout this rule:

- (1) "1-year, 2-year, and 10-year, 24-hour precipitation event" means the maximum 24-hour precipitation event with a probable recurrence interval of once in one (1), two (2), and ten (10) years, respectively, as defined by the National Weather Service and Technical Paper No. 40, "Rainfall Frequency Atlas of the U.S.", May 1961, or equivalent regional or rainfall probability information developed therefrom.
- (2) "4 × yearly sample frequency" means the performance of the associated monitoring once any time during each of the four (4) annual quarters:
  - (A) January-February-March;
  - (B) April-May-June;
  - (C) July-August-September; and
  - (D) October-November-December.
- (3) "Acid or ferruginous mine drainage" means mine drainage which, before any treatment, either has a pH of less than six (6.0) or a total iron concentration equal to or greater than ten (10) milligrams per liter.
- (4) "Active mining area" means the area, on and beneath land, used or disturbed in activity related to the extraction, removal, or recovery of coal from its natural deposits. This term excludes coal preparation plants, coal preparation plant associated areas, and post mining areas.
- (5) "Alkaline mine drainage" means mine drainage which, before any treatment, has a pH equal to or greater than six (6.0) and a total iron concentration of less than ten (10) milligrams per liter.
- (6) "Bond release" means the time at which the appropriate regulatory authority returns a reclamation or performance bond based upon its determination that reclamation work (including, in the case of underground mines, mine sealing and abandonment procedures) has been satisfactorily completed.
- (7) "Coal preparation plant" means a facility where coal is subjected to cleaning, concentrating, or other processing or preparation in order to separate coal from its impurities and thereafter is loaded for transit to a consuming facility.
- (8) "Coal preparation plant associated areas" means the coal preparation plant yards, immediate access roads, coal refuse piles, and coal storage piles and facilities.
- (9) "Coal refuse disposal pile" means any coal refuse deposited on the earth and intended as a permanent disposal or long term storage (greater than one hundred eighty (180) days) of such material but does not include coal refuse deposited within the active mining area or coal refuse that is never removed from the active mining area.
- (10) "Concentration" means the mass of any given material present in a unit volume of liquid. Unless otherwise indicated in this rule, concentration values shall be expressed in milligrams per liter (mg/l).
- (11) "Controlled surface mine discharge" means any surface mine drainage that is pumped or siphoned from the active mining area.
- (12) "Dry weather base flow" means the normal base flow coming from an area or treatment facility which is not immediately affected by run-off caused by rainfall. This flow is a result of ground water interference or a build-up of rainwater over a long period of time. Alternate limitations apply when this dry weather flow increases due to a precipitation event and continues until the flow again returns to the dry weather rate.
- (13) "Mine drainage" means any drainage, and any water pumped or siphoned, from an active mining area or a post mining area.
- (14) "ml/l" means milliliters per liter.
- (15) "Post mining area" means either of the following:
  - (A) A reclamation area.
  - (B) The underground workings of an underground coal mine after the extraction, removal, or recovery of coal from its natural deposit has ceased and prior to bond release.

(16) "Precipitation event" means a rainfall, snow melt, or ice melt which causes a discharge or an increase in the volume of a discharge.

(17) "Reclamation area" means the surface area of a coal mine which has been returned to required contour and on which revegetation (specifically, seeding or planting) work has commenced.

(18) "Settleable solids" means that matter measured by the volumetric method specified in 40 CFR 434.64, which is: Fill an Imhoff cone to the one (1) liter mark with a thoroughly mixed sample. Allow to settle undisturbed for forty-five (45) minutes. Gently stir along the inside surface of the cone with a stirring rod. Allow to settle undisturbed for fifteen (15) minutes longer. Record the volume of settled material in the cone as milliliters per liter (ml/l). Where a separation of settleable and floating materials occurs, do not include the floating material in the reading. The method detection limit for measuring settleable solids shall be four-tenths (0.4) ml/l.

(19) "TSS" or "total suspended solids" means the mass of suspended matter in wastewater retained on a standard glass fiber filter after filtration of a well-mixed sample after drying for one (1) hour at one hundred three degrees Celsius (103°C).

*(Water Pollution Control Division; 327 IAC 15-7-2; filed May 25, 1994, 11:00 a.m.: 17 IR 2284; errata filed Jul 11, 1994, 3:00 p.m.: 17 IR 2657; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-3 Applicability**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-11-2; IC 13-18-4

Sec. 3. This rule applies to all persons who:

(1) meet the NPDES general permit rule applicability requirements under 327 IAC 15-2-3; or

(2) have an existing point source discharge of wastewater controlled by a valid individual NPDES permit.

*(Water Pollution Control Division; 327 IAC 15-7-3; filed May 25, 1994, 11:00 a.m.: 17 IR 2285; filed Jan 14, 1997, 12:00 p.m.: 20 IR 1477; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-4 General permit rule boundary**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4; IC 13-18-18

Affected: IC 13-18

Sec. 4. Facilities existing within the boundaries of Indiana affected by this rule are regulated under this rule. *(Water Pollution Control Division; 327 IAC 15-7-4; filed May 25, 1994, 11:00 a.m.: 17 IR 2285; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-5 NOI letter requirements under this rule**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-18-4

Sec. 5. (a) In addition to the NOI letter requirements contained in 327 IAC 15-3, a person regulated under this rule must submit with the NOI letter requirements under this rule the following information:

(1) The discharge location of each outfall, including each outfall regulated under section 7(b)(6) of this rule and its associated receiving stream.

(2) An identifying outfall number. The numbering shall start at 001 for the first outfall, 002 for the second outfall, and continue in that manner until all outfalls are numbered. The sequential number assigned to any outfall identified under section 7(b)(6) of this rule shall be preceded by an "S".

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(3) For each numbered outfall, identify the mine drainage status regulated under section 7(a)(1) through 7(a)(4) of this rule. For numbered outfalls regulated under section 7(b)(6) of this rule, identify the outfall as discharging storm water.

(4) The dry weather base flow value for each numbered outfall regulated under section 7(a)(1) through 7(a)(4) of this rule.

(5) A topographical map identifying the location of the coal mining operation, the receiving streams, and the location of each numbered outfall.

(b) The NOI letter must also include proof of publication of the following statement in a newspaper of largest circulation in the area of the discharge:

"(Your facility name, address, address of the location of the discharging facility, and the stream(s) receiving the discharge(s)) is submitting a Notice of Intent letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-7 to discharge wastewater associated with the mining of coal, coal processing, and/or reclamation activities. Any person aggrieved by this action may appeal in writing to the Environmental Law Judge of the Office of Environmental Adjudication for an adjudicatory hearing on the question of whether this facility should operate under this NPDES general permit rule. An appeal must be postmarked no later than fifteen (15) days from the date of this public notice. Such a written request for an adjudicatory hearing must:

- (A) state the name and address of the person making the request;
- (B) identify the interest of the person making the request;
- (C) identify any persons represented by the person making the request;
- (D) state with particularity the reasons for the request;
- (E) state with particularity the issues proposed for consideration at the hearing; and
- (F) state with particularity the reasons why the NPDES general permit rule should not be available to the discharger identified in this notice.

Any such request shall be mailed or delivered to:

Office of Environmental Adjudication  
Indiana Government Center-North  
100 North Senate Avenue, Room N501  
Indianapolis, Indiana 46204".

(c) Following submittal of an NOI letter to IDEM and publication in the newspaper by the person requesting coverage under subsection (b), IDEM shall do the following:

(1) Review the NOI for applicability pursuant to section 3 of this rule and for compliance with the requirements of subsection (a).

(2) List this facility, the NPDES general permit tracking number, and the information contained in this notice in a monthly publication to be distributed by IDEM to all persons who have asked to receive NPDES general permit rule notification. This monthly publication shall be issued by IDEM on the fifteenth day of every month and shall identify all facilities which met both the NOI and newspaper publication requirements in the preceding month. Requests to be placed on the NPDES general permit rule notification list shall be mailed or delivered to the address at 327 IAC 15-3-1. IDEM's monthly publication will also contain the following instructions:

"Any person aggrieved by this action may appeal in writing to the Environmental Law Judge of the Office of Environmental Adjudication for an adjudicatory hearing on the question of whether this facility should operate under this NPDES general permit rule. An appeal must be postmarked no later than fifteen (15) days from the publication date of this public notice. Such a written request for an adjudicatory hearing must:

- (A) state the name and address of the person making the request;
- (B) identify the interest of the person making the request;
- (C) identify any persons represented by the person making the request;
- (D) state with particularity the reasons for the request;
- (E) state with particularity the issues proposed for consideration at the hearing; and
- (F) identify the NPDES general permit rule terms and conditions which, in the judgment of the person making the request, would be appropriate to satisfy the requirements of the law governing this NPDES general permit rule. If any person filing such objections desires any part of this NPDES general permit rule to be stayed pending the outcome of the appeal, a specific request for such must be included in the request identifying those



parts of the rule to be stayed.

Any such request shall be mailed or delivered to:

Office of Environmental Adjudication  
Indiana Government Center-North  
100 North Senate Avenue, Room N501  
Indianapolis, Indiana 46204".

(d) An amended NOI letter containing the information required in 327 IAC 15-3 and subsection (a) shall be submitted for active or post mining areas and coal preparation plants and associated areas prior to initiating one (1) of the following events:

- (1) A point source discharge is added or deleted.
- (2) A change is made in mine drainage status to a point source discharge.
- (3) The point source discharge location is changed to a different receiving stream.

(e) A copy of the NOI letter and the amended NOI letter required under this section shall also be sent to the following address:

Indiana Department of Natural Resources  
Division of Reclamation  
14619 West State Road 48  
Jasonville, Indiana 47438-7056

*(Water Pollution Control Division; 327 IAC 15-7-5; filed May 25, 1994, 11:00 a.m.: 17 IR 2285; errata filed Jul 11, 1994, 3:00 p.m.: 17 IR 2657; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1938; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-7-6 Deadline for submittal of NOI letter; additional information**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4; IC 13-18-18  
Affected: IC 13-18

Sec. 6. (a) For any person operating under an existing individual NPDES permit, that regulates a wastewater discharge affected by this NPDES general permit rule, the information required under 327 IAC 15-3 shall be submitted to the commissioner any time between the effective date of the existing individual NPDES permit and one hundred eighty (180) days prior to the expiration date of the existing individual NPDES permit, unless the commissioner determines that a later date is acceptable. For any person operating under an individual NPDES permit that regulates a wastewater discharge affected by this NPDES general permit rule and that has expired and has been administratively extended, the information required under 327 IAC 15-3 shall be submitted to the commissioner within ninety (90) days of the effective date of this NPDES general permit rule, unless the commissioner determines that a later date is acceptable.

(b) For a person proposing a new discharge, the information required under 327 IAC 15-3 shall be submitted to the commissioner fifteen (15) days before the date on which the discharge is to commence as allowed in 327 IAC 15-3-3. *(Water Pollution Control Division; 327 IAC 15-7-6; filed May 25, 1994, 11:00 a.m.: 17 IR 2287; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

**327 IAC 15-7-7 General conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4; IC 13-18-18  
Affected: IC 13-18

Sec. 7. (a) A person regulated under this rule is authorized to discharge through the outfalls identified in the NOI letter in accordance with this rule. Such discharges shall be limited and monitored as follows:

- (1) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source undetermined mine drainage status shall be limited and monitored as follows:

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Parameter	Daily Minimum	Daily Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Flow	–	Report	Report	MGD	2XMonthly	Instantaneous
TSS	–	35	70	mg/l	2XMonthly	Grab
pH	6.0	–	9.0	s.u.	2XMonthly	Grab
Total iron	–	3.0	6.0	mg/l	2XMonthly	Grab
Influent pH	–	Report	Report	Std.	Monthly	Grab
Influent total iron	–	Report	Report	mg/l	Monthly	Grab

(2) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source alkaline mine drainage status shall be limited and monitored as follows:

Parameter	Daily Minimum	Daily Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Flow	–	Report	Report	MGD	2XMonthly	Instantaneous
TSS	–	35	70	mg/l	2XMonthly	Grab
pH	6.0	–	9.0	s.u.	2XMonthly	Grab
Total iron	–	3.0	6.0	mg/l	2XMonthly	Grab

(3) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source acid mine drainage status shall be limited and monitored as follows:

Parameter	Daily Minimum	Daily Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Flow	–	Report	Report	MGD	Weekly	Instantaneous
TSS	–	35	70	mg/l	Weekly	Grab
pH	6.0	–	9.0	s.u.	Weekly	Grab
Total iron	–	3.0	6.0	mg/l	Weekly	Grab
Total manganese	–	2.0	4.0	mg/l	Weekly	Grab
Total aluminum	–	Report	Report	mg/l	Monthly	Grab
Total copper	–	Report	Report	mg/l	Monthly	Grab
Total zinc	–	Report	Report	mg/l	Monthly	Grab
Total nickel	–	Report	Report	mg/l	Monthly	Grab

(4) Discharges through outfalls identified as post mining areas shall be limited and monitored as follows:

Parameter	Daily Minimum	Daily Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Flow	–	–	–	–	4XYearly	Instantaneous
Settleable solids	–	Report	0.5	ml/l	4XYearly	Grab
pH	6.0	–	9.0	s.u.	Once every reporting period	Grab

(b) A person regulated under this rule shall comply with the following additional discharge requirements:

(1) The pH of the water contained in any water pollution treatment/control facility cannot be adjusted by the use of anhydrous ammonia. The only approved water treatment additives for pH adjustment are:

- (A) sodium hydroxide;
- (B) hydrated lime;
- (C) calcined (unslaked or quick) lime;
- (D) soda ash;
- (E) lime;
- (F) sodium bicarbonate; or
- (G) other water treatment additive approved by the Indiana department of environmental management.

(2) The discharge shall not cause excessive foam in the receiving waters.

(3) The discharge shall be essentially free of floating and settleable solids.

(4) The discharge shall not contain oil or other substances in amounts sufficient to create a visible film or sheen on the receiving waters.

(5) The discharge shall be free of substances that are in amounts sufficient to be unsightly or deleterious or which produce color, odor, or other conditions in such a degree as to create a nuisance.

(6) For discharges of storm water run-off composed entirely of flows from conveyances used for collecting and conveying

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precipitation run-off which are contaminated by contact with overburden, coal product, coal byproduct, or coal waste located on the site and do not otherwise report to a NPDES discharge point regulated under this rule, the permittee shall use best management practices including, but not limited to, secondary sedimentation control structures such as rip rap, straw dikes, check dams, mulch, dugouts, or other measures that reduce overload flow velocity, reduce run-off volume, or trap sediment to control run-off from such areas. Compliance with this subdivision obviates the need to comply with 327 IAC 15-6.

(c) A person regulated under subsection (a)(1) through (a)(3) may choose to apply the following alternate effluent limitations to a discharge when the discharge flow rate exceeds the dry weather base flow based on the precipitation events identified as follows:

(1) If a precipitation event is less than or equal to the 10-year, 24-hour storm event, the following limitations may apply instead of the limitations listed in subsection (a):

(A) pH is limited to the range of six (6.0) to nine (9.0).

(B) Settleable solids are limited to a maximum concentration of five-tenths (0.5) ml/l.

(2) If a precipitation event is greater than the 10-year, 24-hour storm event, only pH is limited to the range of six (6.0) to nine (9.0).

These alternate limits are not applicable to discharges which occur during dry weather base flow.

(d) A person regulated under this rule shall comply with the following sampling requirements:

(1) When possible, grab samples shall be taken two (2) times per month with one (1) sample representative of the dry weather base flow and one (1) sample representative of a precipitation event. In the event that only one (1) discharge event or no discharge occurred during a monthly reporting period, the monthly discharge monitoring report shall so state.

(2) Samples taken in compliance with the monitoring requirements in this section shall be taken at a point representative of the discharge but prior to entry into waters of Indiana.

(3) The analytical and sampling methods used shall conform to the current version of 40 CFR 136 as referenced in 327 IAC 5-2-13(d)(1).

(4) Samples and measurements taken as required in this section shall be representative of the volume and nature of the monitored discharge.

(e) A person regulated under this rule shall comply with the following reporting requirements:

(1) Under subsection (c), for reporting purposes, a person regulated under this rule shall report on the monthly discharge monitoring report all analytical results and identify on an attachment to this report the analytical results that were reported under subsection (c) and state the duration and volume of the precipitation event. Failure to submit the necessary information with the monthly discharge monitoring report will disqualify the discharge from the alternate effluent limitations and may lead to a violation of this rule.

(2) For areas designated as new source undetermined mine drainage status, influent pH and influent total iron are to be monitored for a six (6) month period to determine whether they are present in significant quantities. At the end of this sampling period, a person regulated under this rule may request, in writing, to the permits section at the address listed in 327 IAC 15-3-1, a review of these requirements. Upon review and approval by the Indiana department of environmental management, monitoring for influent pH and influent iron may cease, if appropriate, without public notice or comment.

(3) For areas designated as new source acid mine drainage status, total aluminum, total copper, total zinc, and total nickel are to be monitored for one (1) year to determine whether they are present in significant quantities. At the end of this sampling period, a person regulated under this rule may request, in writing, to the permits section at the address listed in 327 IAC 15-3-1, a review of these requirements. Upon review and approval by the Indiana department of environmental management, monitoring for total aluminum, total copper, total zinc, and total nickel may cease, if appropriate, without public notice or comment.

(4) Monthly discharge monitoring reports shall be submitted to the data management section at the address listed in 327 IAC 15-3-1, containing results obtained during the previous month and shall be postmarked no later than the twenty-eighth day of the month following each completed monitoring period. During a month in which no discharge occurs, the person regulated under this rule shall submit the report stating that no discharge occurred.

(5) For each measurement or sample taken pursuant to the requirements of this rule, the facility shall record the following information:

(A) The exact place, date, and time of sampling.

- (B) The person(s) who performed the sampling or measurements.
- (C) The dates the analyses were performed.
- (D) The person(s) who performed the analyses.
- (E) The analytical techniques or methods used.
- (F) The results of all required analyses.

(6) Monitoring of any pollutant at the location(s) identified in the NOI letter more frequently than required under this rule, using approved analytical methods, the results of such monitoring shall be included in the calculation and reporting of the values required in monthly discharge monitoring report. Such increased frequency shall also be indicated in this report.

(7) All records and information resulting from the monitoring activities required under this rule, including all records of analyses performed and calibration and maintenance of instrumentation, shall be retained for a minimum of three (3) years. When the original records are kept at another location, a copy of all such records shall be kept at the facility. The three (3) year period shall be extended:

(A) automatically during the course of any unresolved litigation regarding the discharge of pollutants by the facility or regarding promulgated effluent guidelines applicable to the facility; or

(B) when requested by the regional administrator or the Indiana department of environmental management.

*(Water Pollution Control Division; 327 IAC 15-7-7; filed May 25, 1994, 11:00 a.m.: 17 IR 2287; errata filed Jul 11, 1994, 3:00 p.m.: 17 IR 2657; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-8 Standard conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4; IC 13-18-18

Affected: IC 13-18

Sec. 8. In addition to the conditions set forth in this rule, the standard conditions for the NPDES general permit rule under 327 IAC 15-4 shall apply also to this rule. *(Water Pollution Control Division; 327 IAC 15-7-8; filed May 25, 1994, 11:00 a.m.: 17 IR 2289; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-9 Inspection and enforcement**

Authority: IC 13-14-8; IC 13-14-9; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3

Affected: IC 13-18-4; IC 13-30

Sec. 9. (a) In accordance with 327 IAC 5-1-3(c), the commissioner or a designated representative or both may inspect any facility regulated under this rule at any time.

(b) Any person violating any provision of this rule shall be subject to enforcement and penalties as set forth under IC 13-30 and 327 IAC 15-1-4. *(Water Pollution Control Division; 327 IAC 15-7-9; filed May 25, 1994, 11:00 a.m.: 17 IR 2289; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA)*

### **327 IAC 15-7-10 Duration of coverage**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3; IC 13-18-4; IC 13-18-18

Affected: IC 13-18

Sec. 10. Coverage under this rule is granted by the commissioner for a period of five (5) years from the date coverage commences. To obtain renewal of coverage under this general permit rule, the information required under 327 IAC 15-3 shall be submitted to the commissioner within ninety (90) days of the termination of coverage under this NPDES general permit rule, unless

the commissioner determines that a later date is acceptable. (*Water Pollution Control Division; 327 IAC 15-7-10; filed May 25, 1994, 11:00 a.m.: 17 IR 2289; readopted filed Jan 10, 2001, 3:23 p.m.: 24 IR 1518; readopted filed Nov 21, 2007, 1:16 p.m.: 20071219-IR-327070553BFA; readopted filed Jul 29, 2013, 9:21 a.m.: 20130828-IR-327130176BFA; readopted filed Jun 14, 2019, 1:59 p.m.: 20190710-IR-327190246BFA*)

**Rule 8. Facilities Discharging Noncontact Cooling Water (Repealed)**

*(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 9. Wastewater Discharge Associated with Petroleum Products Terminals (Repealed)**

*(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 10. Wastewater Discharge Associated with Ground Water Petroleum Remediation Systems (Repealed)**

*(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 11. Wastewater Discharge Associated with Hydrostatic Testing of Commercial Pipelines (Repealed)**

*(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 12. Facilities Engaged in Sand, Gravel, Dimension Stone, or Crushed Stone Operations (Repealed)**

*(Repealed by Water Pollution Control Division; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**Rule 13. Storm Water Run-Off Associated with Municipal Separate Storm Sewer System Conveyances**

**327 IAC 15-13-1 Purpose**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for storm water discharges from municipal separate storm sewer system (MS4) conveyances to protect public health, existing water uses, and aquatic biota. (*Water Pollution Control Division; 327 IAC 15-13-1; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**327 IAC 15-13-2 Applicability**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 2. This rule applies to an MS4 entity that:

- (1) is not required to obtain an individual NPDES permit under 327 IAC 5-4-6(a)(4), 327 IAC 5-4-6(a)(5), or 327 IAC 15-2-9(b);
- (2) meets the general permit rule applicability requirements under 327 IAC 15-2-3;
- (3) does not have coverage under an individual MS4 permit; and
- (4) operates, maintains, or otherwise has responsibility for an MS4 conveyance within a designated MS4 area.

*(Water Pollution Control Division; 327 IAC 15-13-2; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577)*

**327 IAC 15-13-3 MS4 area designation criteria**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 3. (a) An MS4 entity that meets one (1) of the following is designated for permit coverage under this rule:

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- (1) Located within, or contiguous to, a mapped 2000 United States Census Bureau urbanized area (UA) and is:
  - (A) a municipality, regardless of its United States Census Bureau population; or
  - (B) a university, college, military base, hospital, or correctional facility with a full-time equivalent enrollment, daily user population, or bed count occupancy (based on the most recent enrollment count or population data) greater than or equal to one thousand (1,000).
- (2) A county that contains a mapped UA. Only the portion of the county that contains the mapped UA, as delineated by political township or section, township, and range boundaries, must be regulated. If only a portion of the county contains a mapped UA, the MS4 entity may elect to regulate, to the extent of its authority, any additional portion of the county, as delineated by political township or section, township, and range boundaries, under this rule.
- (3) A documented significant contributor of pollutants to waters or a regulated MS4 area.
- (4) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater and United States Census Bureau population of ten thousand (10,000) or more.
- (5) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater, United States Census Bureau population greater than seven thousand (7,000) and less than ten thousand (10,000), and having a positive, ten (10) year population growth percentage greater than or equal to ten percent (10%).
- (6) A municipality with a population density, according to 2000 United States Census Bureau data, of five hundred (500) people per square mile or greater, United States Census Bureau population greater than seven thousand (7,000) and less than ten thousand (10,000), and having a university or college full-time equivalent enrollment, military base population, hospital bed count occupancy, or correctional facility daily user population (based on the most recent enrollment, count, or population data) that places the total population greater than or equal to ten thousand (10,000).
- (7) A university, college, military base, hospital, or correctional facility with a full-time equivalent enrollment, daily user population, or bed count occupancy greater than or equal to one thousand (1,000), located within a designated municipality, and having responsibility for a storm water conveyance.
- (8) A conservancy district or homeowner's association with a population within their service area of greater than or equal to one thousand (1,000) people, located within a designated municipality or mapped UA, and having responsibility for a storm water conveyance.
- (9) A public or private storm water utility that serves one (1) or more of the MS4 entities designated under subdivisions (1) through (8).
  - (b) An MS4 entity not already designated under subsection (a) may be designated for permit coverage if its discharge is to a sensitive area or if other environmental programs are not adequately protecting water quality.
  - (c) Once an MS4 entity is designated under this section, it remains designated until the expiration of its permit unless any of the conditions for termination in section 20 of this rule are applicable or a waiver is granted in accordance with subsection (f).
  - (d) The department shall notify MS4 entities meeting the designation criteria of this section in writing. If the department does not notify an MS4 entity in writing, an MS4 entity meeting the designation criteria of this section must comply with the requirements of section 9(e) of this rule.
  - (e) A designated MS4 entity subject to this rule is also subject to the requirements of 327 IAC 15-2-9(b) and may be required to obtain an individual NPDES permit.
  - (f) A designated MS4 entity may request a waiver from permit coverage under this rule. Unless an MS4 entity's conveyance system is substantially contributing to the pollutant loadings of a regulated, physically interconnected MS4 entity or a department determination is made that requires storm water controls, MS4 entities within a mapped UA that have a conveyance system serving a population of less than one thousand (1,000) are conditionally granted a waiver. For all other MS4 entities, this waiver will only be granted under the following conditions:
    - (1) The MS4 entity's conveyance system serves a population of less than ten thousand (10,000).
    - (2) The MS4 entity's conveyance system is not contributing substantially to the pollutant loadings of a physically interconnected MS4 entity that is regulated by this rule.
    - (3) An evaluation of all waters that receive a discharge from the MS4 entity's conveyance system has been conducted by the department or another approved entity.
    - (4) For all evaluated waters, the department has determined that storm water controls are not needed based on wasteload

allocations that are part of a United States Environmental Protection Agency approved or established total maximum daily load or equivalent process and are reflective of pollutants identified as sources of impairment.

(5) The department has determined that future discharges from the MS4 entity's conveyance system do not have the potential to result in exceedances of water quality standards, including impairment of designated uses or other significant water quality impacts, including habitat and biological impacts.

*(Water Pollution Control Division; 327 IAC 15-13-3; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3577; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

### **327 IAC 15-13-4 General permit boundary**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 4. (a) This general permit covers Indiana.

(b) For each MS4 entity, the permit covers all storm water discharges from conveyance systems for which it has jurisdiction or, in the case of designated counties, the portion of the county jurisdictional area depicted in a mapped UA, as specified under section 3(a)(2) of this rule, unless appropriate written, enforceable, legal documentation has been obtained to allow another entity to have permit responsibilities for systems and areas within another entity's jurisdiction. *(Water Pollution Control Division; 327 IAC 15-13-4; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3578)*

### **327 IAC 15-13-5 Definitions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-11-2; IC 13-18-4; IC 13-20-10; IC 14-32

Sec. 5. In addition to the definitions contained in IC 13-11-2, 327 IAC 5, and 327 IAC 15-1-2, the following definitions apply throughout this rule:

(1) "Best management practice" or "BMP" means any structural or nonstructural control measure utilized to improve the quality and, as appropriate, reduce the quantity of storm water run-off. The term includes schedules of activities, prohibitions of practice, treatment requirements, operation and maintenance procedures, use of containment facilities, land use planning, policy techniques, and other management practices.

(2) "Buffer strip" means an existing, variable width strip of vegetated land intended to protect water quality and terrestrial and aquatic habitat in an adjacent resource or area.

(3) "Canine park" means a designated public location where dogs are restricted and animal waste may accumulate. For the purposes of this rule, the term does not include kennels, municipal dog impoundments, or humane society buildings.

(4) "Class V injection well" means a type of well, which typically has a depth greater than its largest surface dimension, emplaces fluids into the subsurface, and does not meet the definitions of Class I through Class IV wells as defined under 40 CFR 146.5. While the term includes the specific examples described in 40 CFR 144.81, septic systems that serve more than one (1) single-family dwelling or provide service for nondomestic waste, dug wells, bored wells, improved sinkholes, french drains, infiltration sumps, and infiltration galleries, it does not include surface impoundments, trenches, or ditches that are wider than they are deep.

(5) "Combined sewer" means a sewer that is designed, constructed, and used to receive and transport combined sewage.

(6) "Combined sewer operational plan" or "CSOOP" means a plan that contains the minimum technology controls applicable to, and requirements for operation and maintenance of, a combined sewer system:

(A) before;

(B) during; and

(C) upon completion of;

the implementation of a long term control plan.

(7) "Constructed wetland" means a manmade shallow pool that creates growing conditions suitable for wetland vegetation and is designed to maximize pollutant removal.

(8) "Contiguity" means an entity's proximity to a designated MS4 area in such a way that it allows for direct discharges of

storm water run-off into the regulated MS4 conveyance.

(9) "Conveyance" means any structural process for transferring storm water between at least two (2) points. The term includes piping, ditches, swales, curbs, gutters, catch basins, channels, storm drains, and roadways.

(10) "Daily user population" means a population for an entity that is present at that location on a daily basis.

(11) "Dechlorinated swimming pool discharge" means chlorinated water that has either sat idle for seven (7) days following chlorination prior to discharge to the MS4 conveyance or, by analysis, does not contain detectable concentrations (less than five-hundredths (0.05) milligram per liter) of chlorinated residual.

(12) "Detention basin" means a type of storage practice used to detain or slow storm water run-off and then release it through a positive outlet.

(13) "Disposal" means the:

- (A) discharge;
- (B) deposit;
- (C) injection;
- (D) spilling;
- (E) leaking; or
- (F) placing;

of any solid waste or hazardous waste into or on any land or water so that the solid waste or hazardous waste, or any constituent of the waste, may enter the environment, be emitted into the air, or be discharged into any waters, including ground waters.

(14) "Dry well" means a type of infiltration practice that allows storm water run-off to flow directly into the ground via a bored or otherwise excavated opening in the ground surface.

(15) "Filter strip" means a type of vegetative practice used to filter storm water run-off through the use of planted or existing vegetation near disturbed or impervious surfaces.

(16) "Floatable" means any solid waste that, due to its physical characteristics, will float on the surface of water. For the purposes of this rule, the term does not include naturally occurring floatables, such as leaves or tree limbs.

(17) "Flood plain" means the area adjoining a river, stream, or lake that is inundated by the base flood as determined by 312 IAC 10.

(18) "Floodway" means the channel of a river or stream and those portions of the flood plain adjoining the channel that are reasonably required to efficiently carry and discharge the peak flow from the base flood as determined by 312 IAC 10.

(19) "Full-time equivalent enrollment" means a college or university enrollment of undergraduate students currently taking fifteen (15) credit hours of course work and graduate or professional students currently taking twelve (12) credit hours of course work. Each respective fifteen (15) or twelve (12) credit hours of course work equals one (1) full-time equivalent.

(20) "Garbage" means all putrescible animal solid, vegetable solid, and semisolid wastes resulting from the:

- (A) processing;
- (B) handling;
- (C) preparation;
- (D) cooking;
- (E) serving; or
- (F) consumption;

of food or food materials.

(21) "General permit rule boundary" means an area based upon existing geographic or political boundaries indicating the area within which an MS4 conveyance affected by this rule is located.

(22) "Grass swale" means a type of vegetative practice used to filter storm water run-off via a vegetated, shallow-channel conveyance.

(23) "Ground water" means such accumulations of underground water, natural or artificial, public and private, or parts thereof, which are wholly or partially within, flow through, or border upon this state. The term does not include manmade underground storage or conveyance structures.

(24) "Household hazardous waste" or "HHW" means solid waste generated by households that:

- (A) is ignitable, as defined under 40 CFR 261.21;



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- (B) is toxic, as defined under 40 CFR 261.24;
  - (C) is reactive, as defined under 40 CFR 261.23;
  - (D) is corrosive, as defined under 40 CFR 261.22; or
  - (E) otherwise poses a threat to human health or the environment.
- (25) "Hydrologic unit code" or "HUC" means a numeric United States Geological Survey code that corresponds to a watershed area. Each area also has a text description associated with the numeric code.
- (26) "Illicit discharge" means any discharge to an MS4 conveyance that is not composed entirely of storm water, except naturally occurring floatables, such as leaves or tree limbs. Sources of illicit discharges include sanitary wastewater, septic tank effluent, car wash wastewater, oil disposal, radiator flushing disposal, laundry wastewater, roadway accident spillage, and household hazardous wastes.
- (27) "Impervious surface" means any surface that prevents storm water to readily infiltrate into the soils.
- (28) "Individual NPDES permit" means an NPDES permit issued to one (1) MS4 operator that contains requirements specific to that MS4 conveyance.
- (29) "Infiltration basin or trench" means a type of infiltration practice used to filter storm water run-off into soils via the use of installed structures with porous material.
- (30) "Infiltration gallery" means a type of infiltration practice used to filter storm water run-off into soils that utilizes one (1) or more vertical pipes leading to a horizontal, perforated pipe laid within a trench, often backfilled with gravel or some other permeable material.
- (31) "Infiltration practices" means any structural BMP designed to facilitate the percolation of run-off through the soil to ground water. Examples include infiltration basins or trenches, dry wells, and porous pavement.
- (32) "Initial receiving water" means a water that is the direct recipient of a discharge from an MS4 area after the discharge passes through another MS4 conveyance.
- (33) "Larger common plan of development or sale" means a plan, undertaken by a single developer or a group of developers acting in concert, to offer lots for sale or lease; where such land is contiguous, or is known, designed, purchased, or advertised as a common unit or by a common name, such land shall be presumed as being offered for sale or lease as part of a larger common plan. The term also includes phased construction by a single entity for its own use.
- (34) "Legally binding agreement" means a written, enforceable legal document used to describe responsibilities between joint permittees or other entities.
- (35) "Load allocation" means the portion of a receiving waterbody's loading capacity that is attributed either to one (1) of its existing or future nonpoint sources of pollution or to natural background sources.
- (36) "Long term control plan" or "LTCP" means a plan that is:
- (A) consistent with the federal Combined Sewer Overflow Control Policy (59 FR 18688); and
  - (B) developed in accordance with the recommendations set forth in Combined Sewer Overflows Guidance for Long-Term Control Plan (EPA 832B95002).
- (37) "Minimum control measure" or "MCM" refers to the following minimum measures required by this rule:
- (A) Public education and outreach.
  - (B) Public participation and involvement.
  - (C) Illicit discharge detection and elimination.
  - (D) Construction site run-off control.
  - (E) Postconstruction run-off control.
  - (F) Pollution prevention and good housekeeping.
- (38) "MS4 area" means a land area comprising one (1) or more places that receives coverage under one (1) NPDES storm water permit regulated by this rule or 327 IAC 5-4-6(a)(4) and 327 IAC 5-4-6(a)(5).
- (39) "MS4 entity" means a public or private body that owns, operates, or maintains a storm water conveyance system, including a transportation agency operated by that body. The term can also include federal, state, city, town, county, district, association, or township public bodies and privately owned universities, colleges, or storm water utilities. For the purposes of this rule, the term does not include non-MS4 entity-owned shopping malls, office parks, apartment complexes, golf courses, churches, or hotels.
- (40) "MS4 operator" means the person responsible for development, implementation, or enforcement of the MCMs for a

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designated MS4 area.

(41) "Municipal separate storm sewer system" or "MS4" means a conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains, that is:

(A) owned or operated by a:

(i) federal, state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over storm water, including special districts under state law such as a sewer district, flood control district, or drainage district, or similar entity, or a designated and approved management agency under Section 208 of the Clean Water Act (33 U.S.C. 1288) that discharges into waters of the state; or

(ii) privately owned storm water utility, hospital, university, or college having jurisdiction over storm water that discharges into waters of the state;

(B) designed or used for collecting or conveying storm water;

(C) not a combined sewer; and

(D) not part of a publicly owned treatment works (POTW) as defined at 40 CFR 122.2.

(42) "Municipal, state, federal, or institutional refueling area" means an operating gasoline or diesel fueling area whose primary function is to provide fuel to either municipal, state, federal, or institutional equipment or vehicles.

(43) "Mutual drain" means a drainage system that:

(A) is located on two (2) or more tracts of land that are under different ownership;

(B) was established by the mutual consent of all the owners; and

(C) was not established under or made subject to any drainage statute.

(44) "Nonpoint source" means a source of water pollution that does not meet the definition of point source. The term includes in-place pollutants, direct wet and dry deposition, ground water inflow, and overland run-off.

(45) "Notice of deficiency letter" or "NOD letter" means a written notification from the department indicating an MS4 entity's deficiencies in its NOI letter or SWQMP submittals.

(46) "Notice of intent letter" or "NOI letter" means a written notification indicating an MS4 entity's intention to comply with the terms of this rule in lieu of applying for an individual NPDES permit and includes information as required under sections 6 and 9 of this rule. It is the application for obtaining permit coverage under this rule.

(47) "Notice of sufficiency letter" or "NOS letter" means a written notification from the department indicating that an MS4 entity has sufficiently provided the required information in its NOI letter or SWQMP submittals.

(48) "Notice of termination letter" or "NOT letter" means a written notification from the department indicating that an MS4 entity has met the conditions to terminate its permit coverage under this rule.

(49) "Open space" means any land area devoid of any disturbed or impervious surfaces created by industrial, commercial, residential, agricultural, or other manmade activities.

(50) "Outfall" means a point source discharge via a conveyance of storm water run-off into a water of the state.

(51) "Outfall scouring" means the deterioration of a stream bed or lake bed from an outfall discharge to an extent that the excessive settling of solid material results and aquatic habitat is diminished.

(52) "Point source" means any discernible, confined, and discrete conveyance, including a pipe, ditch, channel, tunnel, conduit, well, or discrete fissure.

(53) "Pollutant of concern" means any pollutant that has been documented via analytical data as a cause of impairment in any waterbody, or to another MS4, to which the MS4 discharges.

(54) "Porous pavement" means a type of infiltration practice to improve the quality and reduce the quantity of storm water run-off via the use of manmade, pervious pavement which allows run-off to percolate through the pavement and into underlying soils.

(55) "Private drain" means a drainage system that:

(A) is located on land owned by one (1) person or by two (2) or more persons jointly; and

(B) was not established under or made subject to any drainage statute.

(56) "Programmatic indicator" means any data collected by an MS4 entity that is used to indicate implementation of one (1) or more minimum control measures.

(57) "Qualified professional" means an individual who is trained and experienced in storm water treatment techniques and related fields as may be demonstrated by state registration, professional certification, experience, or completion of coursework

that enable the individual to make sound, professional judgments regarding storm water control or treatment and monitoring, pollutant fate and transport, and drainage planning.

(58) "Rain garden" means a vegetative practice used to alter impervious surfaces, such as roofs, into pervious surfaces for absorption and treatment of rainfall.

(59) "Receiving stream" or "receiving water" means a waterbody that receives a discharge from an outfall. The term does not include private drains, unnamed conveyances, retention and detention basins, or constructed wetlands used as treatment.

(60) "Redevelopment" means alterations of a property that change a site or building in such a way that there is disturbance of one (1) acre or more of land. The term does not include such activities as exterior remodeling.

(61) "Responsible individual" means the person responsible for development, implementation, or enforcement of the MCMs for a designated MS4 entity.

(62) "Retail gasoline outlet" means an operating gasoline or diesel fueling facility whose primary function is the resale of fuels. The term applies to facilities that create five thousand (5,000) or more square feet of impervious surfaces or generate an average daily traffic count of one hundred (100) vehicles per one thousand (1,000) square feet of land area.

(63) "Retention basin" means a type of storage practice, that has no positive outlet, used to retain storm water run-off for an indefinite amount of time. Run-off from this type of basin is removed only by infiltration through a porous bottom or by evaporation.

(64) "Riparian habitat" means a land area adjacent to a waterbody that supports animal and plant life associated with that waterbody.

(65) "Riparian zone" means a land area adjacent to a waterbody that is directly associated with that waterbody.

(66) "Sand" means mineral material with a size range between two (2) and one-sixteenth ( $\frac{1}{16}$ ) millimeter diameter.

(67) "Sedimentation" means the settling and accumulation of unconsolidated material carried by storm water run-off.

(68) "Sensitive area" means a waterbody identified as needing priority protection or remediation based on:

- (A) having endangered or threatened species or their habitat;
- (B) usage as a public surface water supply intake;
- (C) usage for full body contact recreation, such as bathing beaches; or
- (D) outstanding state resource water classification as found in 327 IAC 2-1-11(b), 327 IAC 2-1.3-3(d), and 327 IAC 2-1.5-19(b).

(69) "Significant contributor of pollutants" means an MS4 entity or industrial facility that contributes pollutants into an MS4 conveyance in such a quantity or quality and to such a degree that it impacts the receiving MS4 operator's ability to comply with applicable state or federal law.

(70) "Soil and water conservation district" or "SWCD" means a political subdivision established under IC 14-32.

(71) "Solid waste" means any garbage, refuse, sludge for a waste treatment plant, sludge from a water supply treatment plant, sludge from an air pollution control facility, or other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, or agricultural operations or from community activities. The term does not include:

- (A) solid or dissolved material in:
  - (i) domestic sewage; or
  - (ii) irrigation return flows or industrial discharges;
 that are point sources subject to permits under Section 402 of the Clean Water Act;
- (B) source, special nuclear, or byproduct material (as defined by the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.);
- (C) manures or crop residues returned to the soil at the point of generation as fertilizers or soil conditioners as part of a total farm operation; or
- (D) vegetative matter at composting facilities registered under IC 13-20-10.

(72) "Spill" means the unexpected, unintended, abnormal, or unapproved dumping, leakage, drainage, seepage, discharge, or other loss of petroleum, hazardous substances, extremely hazardous substances, or objectionable substances. The term does not include releases to impervious surfaces when the substance does not migrate off the surface or penetrate the surface and enter the soil.

(73) "Storage practices" means any structural BMP intended to store or detain storm water and slowly release it to receiving

waters or drainage systems. The term includes detention and retention basins.

(74) "Storm drain marking" means any marking procedure that identifies a storm sewer inlet as draining directly to a receiving waterbody so as to avoid dumping pollutants. The procedures can include painted or cast messages and adhesive decals.

(75) "Storm water quality management plan" or "SWQMP" means a comprehensive written document that addresses storm water run-off quality within an MS4 area. The SWQMP is divided into three (3) different submittal parts as follows:

(A) Part A-Initial Application.

(B) Part B-Baseline Characterization and Report.

(C) Part C-Program Implementation.

(76) "Stream reach characterization and evaluation report" or "SRCER" means a written report that characterizes and evaluates the pollutant sources on receiving waters from a combined sewer system discharge.

(77) "Total maximum daily load" or "TMDL" means the sum of the daily individual wasteload allocations for point sources and load allocations for nonpoint sources and natural background minus the sum of a specified margin of safety and any capacity reserved for growth. A TMDL sets and allocates the maximum daily amount of a pollutant that may be introduced into a waterbody and still assure attainment and maintenance of water quality standards.

(78) "Traffic phasing plan" means a written plan that addresses the installation of appropriate pollution prevention practices that is directly related to the land disturbance associated with infrastructure constructed to reroute vehicular traffic within an active construction zone. The term does not include detours that are directed away from the active construction area.

(79) "Urbanized area" or "UA" means a land area comprising one (1) or more places that together have a residential population of at least fifty thousand (50,000) and an overall population density of at least five hundred (500) people per square mile.

(80) "Vegetative practices" means any nonstructural or structural BMP that, with optimal design and good soil conditions, utilizes various forms of vegetation to enhance pollutant removal, maintain and improve natural site hydrology, promote healthier habitats, and increase aesthetic appeal. Examples include grass swales, filter strips, buffer strips, constructed wetlands, and rain gardens.

(81) "Waste transfer station" means a place where solid wastes are segregated for additional off-site processing or disposal.

(82) "Wasteload allocation" means the portion of a receiving stream's loading capacity that is allocated to one (1) of its existing or future point sources of pollution.

(83) "Waterbody" means any accumulation of water, surface or underground, natural or artificial, including rivers, streams, creeks, ditches, swales, lakes, ponds, marshes, wetlands, and ground water. The term does not include any storage or treatment structures.

(84) "Watercourse" means the path taken by flowing surface water.

(85) "Watershed" means an area of land from which water drains to a common point.

(86) "Wellhead protection area" has the meaning set forth at 327 IAC 8-4.1-1(27).

*(Water Pollution Control Division; 327 IAC 15-13-5; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3578; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191; filed Nov 10, 2014, 1:51 p.m.: 20141210-IR-327130290FRA; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**327 IAC 15-13-6 Notice of intent letter requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 6. (a) Unless one (1) application is submitted for multiple MS4 entities, each MS4 entity shall submit an NOI letter with the following information, which will serve as the permit application:

(1) Contact information required under subsection (b).

(2) List of all known receiving waters or, if the discharge is to another MS4, the name of the MS4 entity and the initial receiving water. For the purposes of the NOI letter submittal, receiving waters include, at a minimum, waters listed on the United States Geological Survey National Hydrography Dataset or, if no waters are listed on this data base within a given MS4 area, the primary receiving water for the MS4 area drainage. As additional receiving waters are identified, the

information must be provided in the corresponding annual report required in section 18 of this rule.

(3) Copy of the completed SWQMP-Part A: Initial Application certification submittal and checklist form.

(4) Proof of publication in the newspaper with the greatest circulation in the affected MS4 area. The notice must provide a listing of all entities intended to be covered under the permit. This statement must be included in the public notice, "(MS4 entity name and address) intends to discharge storm water into the (text name and numeric code of all 14-digit Hydrologic Unit Code area) watershed(s), and is submitting a Notice of Intent letter to notify the Indiana Department of Environmental Management of our intent to comply with the requirements under 327 IAC 15-13 to discharge storm water run-off associated with municipal separate storm sewer systems."

(5) Certification, by completing and signing Appendix A of the NOI letter, that any applicable, legally binding agreements between MS4 area entities have been obtained concerning individual responsibilities for implementation of this rule.

(b) The contact information required under subsections (a)(1) and (c)(1) must include the following:

(1) Name of MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual for each MS4 entity.

(2) Title of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(3) MS4 entity represented by the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(4) Mailing (and, if different, the physical) address of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(5) Telephone and facsimile number of the MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(6) E-mail address (if available) of MS4 operator, primary contact individual (if different from the MS4 operator), or responsible individual or individuals.

(c) The SWQMP-Part A: Initial Application required under subsection (a)(3) must contain the following:

(1) Written listing of the MS4 entities within an MS4 area covered by the NOI letter submittal. The listing must provide the name of each MS4 entity, a responsible individual for each MS4 entity, and contact information for each MS4 entity.

(2) Written schedule which, at a minimum, adheres to the compliance schedule in section 11 of this rule.

(3) Written proposed or estimated budget allocation for the MS4 area's storm water program with a summary of identified funding sources. When multiple MS4 entities are applying under a single NOI letter, the budget allocation must be, at a minimum, separated by MS4 entity.

(d) Multiple MS4 entities within an MS4 area may submit a single NOI letter provided they comply with the submittal requirements of this section. Coverage under a single NOI letter will only be allowed if all the MS4 entities seeking coverage consolidate, and provide, the required information in sections 7, 8, and 18 of this rule as single submittals, and the information is submitted to the department by the MS4 operator designated in subsection (b). MS4 operators may utilize materials from existing local or state programs, or partner with an existing individual MS4 permittee, if all parties agree to coordinate responsibilities in accordance with subsection (a)(5).

(e) Multiple MS4 entities within an MS4 area may submit a separate NOI letter corresponding to each entity and still share responsibilities for implementation of one (1) or more of the requirements in this rule provided they comply with the submittal requirements of this section and coordinate responsibilities in accordance with subsection (a)(5).

(f) Where multiple MS4 entities submit one (1) or more NOI letters based on a watershed delineation and the created MS4 area contains undesignated MS4 entities, the undesignated MS4 entities shall not be subject to the provisions of this rule unless the applicability requirements of section 3 of this rule apply.

(g) Where the MS4 operator changes, or where a new operator is added after the submittal of an NOI letter, a new NOI letter must be completed and submitted in accordance with 327 IAC 15-2-8 and sections 6 and 9 of this rule. If no other conditions change except for the name of the MS4 operator, a written letter describing the name change and a statement that no other conditions, including those conditions in the SWQMP-Part A: Initial Application and legal agreements, have changed will be sufficient notification to the department.

(h) An MS4 entity within an MS4 area that does not have the legal authority or other regulatory mechanisms to implement one (1) or more of the six (6) minimum control measures required under this rule shall either obtain the legal authority or other

regulatory mechanism, or work with a neighboring regulated MS4 entity, via legally binding agreements, to share responsibilities.

(i) All documents and information required by this section must meet the signatory requirements of 327 IAC 15-4-3(g).

(j) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part A: Initial Application checklist form.

(k) The department shall review initially submitted NOI letters and SWQMP-Part A: Initial Applications for adequacy and shall assign each NOI letter an NPDES permit number. Either a written NOD letter requesting additional information or NOS letter containing the assigned NPDES permit number shall be returned to the MS4 operator within ninety (90) days of the NOI letter submittal. If the MS4 operator does not receive either a NOD letter or NOS letter within ninety (90) days of the NOI letter submittal, the NOI letter and SWQMP-Part A: Initial Application will be considered adequate.

(l) Responses to NOD letters shall be made by the recipient within thirty (30) days of the date on the NOD letter.

(m) Forms for the NOI letter, SWQMP, annual report, and required certifications shall be provided by the department. (*Water Pollution Control Division; 327 IAC 15-13-6; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3583; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191*)

### **327 IAC 15-13-7 SWQMP-Part B: baseline characterization and report**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 7. (a) An MS4 operator shall characterize the water quality of all known waters that receive storm water outfall discharges within the MS4 area. This characterization may begin with the receiving waters identified in the NOI letter submittal, and, as receiving waters are identified, the characterization shall be expanded to those additional receiving waters and the subsequent information presented in the corresponding annual report required under section 18 of this rule. The water quality characterization must utilize existing or new information that may describe the chemical, biological, or physical condition of the MS4 area water quality. If monitoring is conducted as part of the characterization, the monitoring of receiving waters shall be either at, or in proximity to, all known, or representative, storm water outfall discharges. After the baseline characterization data is collected, the MS4 operator shall evaluate the data in the baseline characterization to determine which identified areas or specific discharge points are in need of additional water quality measures. This baseline characterization must include the following:

(1) An investigation of land usage and assessment of structural and nonstructural storm water BMP locations and conclusions, such as key observation or monitoring locations in the MS4 conveyances, derived from the land usage investigation.

(2) The identification of known sensitive areas, such as public swimming areas, surface drinking water intakes, waters containing endangered or threatened species and their habitat, or outstanding state resource waters. The identified sensitive areas should be given the highest priority for the selection of BMPs and the prohibition of new or significantly increased MS4 discharges.

(3) A review of known existing and available monitoring data of the MS4 area receiving waters, including, as applicable, data that can be correlated from SRCERs.

(4) The identification of areas having a reasonable potential for or actually causing storm water quality problems based on the available and relevant chemical, biological, physical, land use, and complaint data.

(5) Assessment results of BMP locations and, as appropriate, the structural condition of the BMP related to the BMP's effectiveness in improving storm water quality. As appropriate, this assessment should include recommendations for placement and implementation of additional BMPs within the MS4 area.

(b) An SWQMP-Part B: Baseline Characterization and Report addressing the requirements of subsection (a) must be developed and submitted to the department at the address specified in section 9(b) of this rule. The SWQMP-Part B: Baseline Characterization and Report and completed corresponding certification form must be submitted no later than one hundred eighty (180) days from the date the initial NOI letter submittal was received by the department or the expiration date of the previous five (5) year permit term.

(c) The department shall review the SWQMP-Part B: Baseline Characterization and Report for adequacy, and a written NOS letter or NOD letter shall be issued to the MS4 operator. If no letter is issued within ninety (90) days of submittal, the SWQMP-Part B: Baseline Characterization and Report is deemed sufficient.

(d) Responses to NOD letters shall be made by the recipient within thirty (30) days of the date on the NOD letter.

(e) Ongoing data collection related to the SWQMP-Part B: Baseline Characterization and Report must be submitted to the department with the corresponding annual report.

(f) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part B: Baseline Characterization and Report checklist form. (*Water Pollution Control Division; 327 IAC 15-13-7; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3584; filed Nov 10, 2014, 1:51 p.m.: 20141210-IR-327130290FRA*)

**327 IAC 15-13-8 Submittal of an SWQMP-Part C: program implementation**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 8. (a) An MS4 operator shall develop and implement an SWQMP-Part C: Program Implementation. The SWQMP-Part C: Program Implementation must contain the following:

(1) An initial evaluation of the storm water program for the MS4 area. This evaluation should include information on all known structural and nonstructural storm water BMPs utilized.

(2) A detailed program description for each minimum control measure (MCM) referenced in sections 12 through 17 of this rule.

(3) A timetable for program implementation milestones, which includes milestones for each of the MCMs referenced in sections 12 through 17 of this rule, and applicable SWQMP-Part B: Baseline Characterization and Report conclusions (BMP recommendations, additional protective measures for sensitive areas, and correcting identified water quality problems).

(4) As appropriate, a schedule for ongoing characterization of the receiving waters either at, or in proximity to, outfall locations identified in the SWQMP-Part B: Baseline Characterization and Report to evaluate BMP effectiveness and receiving water quality.

(5) A narrative and mapped description of the MS4 area boundaries that indicate responsible MS4 entity areas for each MCM. The narrative description must include the specific sectional or, as appropriate, the street name boundaries of the MS4 area.

(6) An estimate of the linear feet of MS4 conveyances within the MS4 area, segregated by MS4 type, for example, by open ditch or pipe.

(7) A summary of which structural BMP types will be allowed in new development and redevelopment for the MS4 area.

(8) A summary on storm water structural BMP selection criteria and, where appropriate, associated performance standards that must be met after installation to indicate BMP effectiveness.

(9) A summary of the current storm water budget, expected or actual funding source, and a projection of the budget for each year within the five (5) year permit term.

(10) A summary of measurable goals for, at a minimum, each MCM referenced in sections 12 through 17 of this rule. These measurable goals shall demonstrate results that relate to an environmental benefit.

(11) Completed certification forms, as appropriate, for each MCM. The certification forms only need to be completed and submitted during the initial five (5) year permit term.

(12) The identification of programmatic indicators. Programmatic indicators, grouped by corresponding MCM, must include those listed in subsection (b) that apply to the MS4 operator. Other relevant indicators may be used in place of those listed in subsection (b). If an indicator listed in subsection (b) is not applicable to the operator, or if another relevant indicator is used, the operator shall provide rationale for the nonapplicability or substitution. Programmatic indicators do not need to be fully implemented at the time of the SWQMP-Part C: Program Implementation submittal. Updated data for each of these indicators must be submitted in each annual report.

(b) The programmatic indicators must address the following:

(1) Number or percentage of citizens, segregated by type of constituent as referenced in section 12(a) of this rule, that have an awareness of storm water quality issues.

(2) Number and description of meetings, training sessions, and events conducted to involve citizen constituents in the storm water program.

(3) Number or percentage of citizen constituents that participate in storm water quality improvement programs.

- (4) Number and location of storm drains marked or cast, segregated by marking method.
  - (5) Estimated or actual linear feet or percentage of MS4 mapped and indicated on an MS4 area map.
  - (6) Number and location of MS4 area outfalls mapped.
  - (7) Number and location of MS4 area outfalls screened for illicit discharges.
  - (8) Number and location of illicit discharges detected.
  - (9) Number and location of illicit discharges eliminated.
  - (10) Number of and estimated or actual amount of material, segregated by type, collected from HHW collections in the MS4 area.
  - (11) Number and location of constituent drop-off centers for automotive fluid recycling.
  - (12) Number or percentage of constituents that participate in the HHW collections.
  - (13) Number of construction sites obtaining an MS4 entity-issued storm water run-off permit in the MS4 area.
  - (14) Number of construction sites inspected.
  - (15) Number and type of enforcement actions taken against construction site operators.
  - (16) Number of, and associated construction site name and location for, public informational requests received.
  - (17) Number, type, and location of structural BMPs installed.
  - (18) Number, type, and location of structural BMPs inspected.
  - (19) Number, type, and location of structural BMPs maintained or improved to function properly.
  - (20) Type and location of nonstructural BMPs utilized.
  - (21) Estimated or actual acreage or square footage of open space preserved and mapped in the MS4 area, if applicable.
  - (22) Estimated or actual acreage or square footage of pervious and impervious surfaces mapped in the MS4 area, if applicable.
  - (23) Number and location of new retail gasoline outlets or municipal, state, federal, or institutional refueling areas, or outlets or refueling areas that replaced existing tank systems that have installed storm water BMPs.
  - (24) Number and location of MS4 entity facilities that have containment for accidental releases of stored polluting materials.
  - (25) Estimated or actual acreage or square footage, amount, and location where pesticides and fertilizers are applied by a regulated MS4 entity to places where storm water can be exposed within the MS4 area.
  - (26) Estimated or actual linear feet or percentage and location of unvegetated swales and ditches that have an appropriately-sized vegetated filter strip.
  - (27) Estimated or actual linear feet or percentage and location of MS4 conveyances cleaned or repaired.
  - (28) Estimated or actual linear feet or percentage and location of roadside shoulders and ditches stabilized, if applicable.
  - (29) Number and location of storm water outfall areas remediated from scouring conditions, if applicable.
  - (30) Number and location of deicing salt and sand storage areas covered or otherwise improved to minimize storm water exposure.
  - (31) Estimated or actual amount, in tons, of salt and sand used for snow and ice control.
  - (32) Estimated or actual amount of material by weight collected from catch basin, trash rack, or other structural BMP cleaning.
  - (33) Estimated or actual amount of material by weight collected from street sweeping, if utilized.
  - (34) If applicable, number or percentage and location of canine parks sited at least one hundred fifty (150) feet away from a surface waterbody.
- (c) An SWQMP-Part C: Program Implementation and completed corresponding certification form must be submitted to the department within three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department or the expiration date of the previous five (5) year permit term.
- (d) The department shall review submitted SWQMP-Part C: Program Implementations for adequacy. Either a written NOD letter requesting additional information or NOS letter shall be sent to the MS4 operator within ninety (90) days of the SWQMP-Part C: Program Implementation submittal. If no letter is issued within ninety (90) days of submittal, the plan is deemed sufficient.
- (e) Responses to NOD letters must be made by the recipient within thirty (30) days of the date on the NOD letter.
- (f) As conditions or allowed technologies change, the SWQMP-Part C: Program Implementation must be updated. When updates are created, relevant sections of the SWQMP-Part C: Program Implementation containing the updates must be submitted to the commissioner as an attachment to the corresponding annual report required under section 18 of this rule.



(g) A qualified professional and the MS4 operator shall certify, with the stated paragraph found in 327 IAC 15-4-3(g)(3), a submitted SWQMP-Part C: Program Implementation checklist form. (*Water Pollution Control Division; 327 IAC 15-13-8; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3585; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191*)

**327 IAC 15-13-9 Submittal of an NOI letter and other documents**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 9. (a) All information required under section 6 of this rule must be submitted to the commissioner. An MS4 entity that meets the designation criteria under section 3 of this rule shall submit the NOI letter, SWQMP-Part A: Initial Application, and other required documentation no later than ninety (90) days from the effective date of this rule unless:

- (1) written permission for a later date has been granted by the commissioner; or
- (2) the MS4 entity was not notified in writing at least one hundred eighty (180) days prior to the effective date of this rule.

(b) A termination request, the NOI letter, Parts A, B, and C of the SWQMP, and any other required information must be submitted to:

Indiana Department of Environmental Management  
Office of Water Quality, Urban Wet Weather Section  
100 North Senate Avenue, Room N1255  
Indianapolis, Indiana 46204  
Attention: Rule 13 Storm Water Coordinator

(c) The permit and the compliance schedules of this rule become effective upon receipt of the initial NOI letter by the department.

(d) The commissioner may deny coverage under this rule and require submittal of an application for an individual NPDES permit based on a review of the NOI letter or other information. This review may consider the location and size of the discharge, the quantity and nature of the pollutants discharged, and other relevant factors. Before completing the review, the department will inform the MS4 entity as to what information is being used for the review and provide the MS4 entity an opportunity to respond if the MS4 entity believes the information used is inaccurate or incomplete.

(e) An MS4 entity that either was not notified in writing at least one hundred eighty (180) days prior to the effective date of this rule or meets the designation criteria of section 3 of this rule after the effective date of this rule due to changing conditions or new facility construction shall submit the required information under section 6 of this rule within three hundred sixty-five (365) days of either:

- (1) the date of receivership on the written notification;
- (2) becoming aware of the relevant changed conditions; or
- (3) upon the initiation of facility operations;

unless written permission for a later date has been granted by the commissioner.

(f) Any person who knowingly makes any false statement, representation, or certification in any document submitted or required to be maintained under this rule is subject to 327 IAC 15-4-3(i). (*Water Pollution Control Division; 327 IAC 15-13-9; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1939*)

**327 IAC 15-13-10 MS4 permit implementation; coordination with total maximum daily load allocations**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 10. If a total maximum daily load (TMDL) is approved for any waterbody into which an MS4 conveyance discharges, the MS4 operator must review and appropriately modify Parts B and C of their SWQMP if the TMDL includes requirements for control of storm water discharges under the jurisdiction of the MS4 operator. (*Water Pollution Control Division; 327 IAC 15-13-10; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587*)

**327 IAC 15-13-11 Compliance schedule**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
 Affected: IC 13-18-4

Sec. 11. An MS4 operator shall comply with the following schedule for implementation of this rule:

Rule Requirement	Compliance Deadline (from initial NOI letter receivership date)
Storm Water Quality Management Plan:	Components throughout term of permit
Part A: Initial Application submitted	With NOI letter
Part B: Baseline Characterization and Report submitted	180 days
Part C: Program Implementation submitted	1 year
Public Education and Outreach MCM implementation:	Throughout term of permit
Public education and outreach program development certification submitted	1 year
Public Involvement/Participation MCM implementation:	Throughout term of permit
Public involvement and participation program development certification submitted	1 year
Illicit Discharge Detection/Elimination MCM implementation:	Throughout term of permit
Illicit discharge plan and regulatory mechanism certification submitted	1 year
25% of storm water outfalls systems mapped	Each year after 1 year
All known storm water outfall systems, with pipe diameters 12 inches or greater or open ditches with 2 feet or larger bottom width, mapped	5 years
Construction Site Run-Off Control MCM implementation:	Throughout term of permit
Construction site program plan and regulatory mechanism certification submitted	1 year
Postconstruction Run-Off Control MCM implementation:	Throughout term of permit
Operational and maintenance plan certification submitted	2 years
Postconstruction program plan and regulatory mechanism certification submitted	2 years
Municipal operations pollution prevention and good housekeeping MCM implementation:	Throughout term of permit
Operations pollution prevention program development certification submitted	1 year

If an MS4 operator is unable to meet a compliance deadline under this section the operator shall submit a written request and justification for extending the deadline. The request must be submitted to the department no later than thirty (30) days prior to the due date. (*Water Pollution Control Division; 327 IAC 15-13-11; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3587*)

**327 IAC 15-13-12 Storm water quality management plan public education and outreach MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
 Affected: IC 13-18-4

Sec. 12. (a) An MS4 operator shall develop an SWQMP that includes methods and measurable goals that will be used to inform residents, visitors, public service employees, commercial and industrial facilities, and construction site personnel within the MS4 area about the impacts polluted storm water run-off can have on water quality and ways they can minimize their impact on storm water quality. The MS4 operator shall ensure, via documentation, that a reasonable attempt was made to reach all constituents within the MS4 area to meet this measure.

(b) MS4 operators are encouraged to utilize existing programs and outreach materials to meet this measure. MS4 operators shall identify and implement an informational program with educational materials for constituents. A certification form shall be

completed and submitted to the department once the program has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated, as necessary.

(c) MS4 operators shall develop measurable goals for this MCM. An initial assessment of the MS4 area constituents must be conducted to determine initial constituent knowledge and practices as they relate to storm water quality. To comply with this measure, specific target outreach or reduction goal percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant targeted audience improvement in disposal practices, cast storm drain cover installations, school curricula or Web site implementation, outreach to every population sector, and educational material distribution.

(d) In combined sewer system municipalities designated under this rule, the current LTCP shall be reviewed, and any necessary language changes to ensure consistency with the SWQMP shall be included in the plan to ensure that this MCM requirement is met. (*Water Pollution Control Division; 327 IAC 15-13-12; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3588; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191*)

**327 IAC 15-13-13 Storm water quality management plan public participation and involvement MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 13. (a) The MS4 operator shall develop an SWQMP that includes provisions to allow opportunities for constituents within the MS4 area to participate in the storm water management program development and implementation. An MS4 operator shall ensure, via documented efforts, that sufficient opportunities were allotted to involve all constituents interested in participating in the program process to meet this measure. Correctional facilities will not be required to implement the public participation and involvement MCM.

(b) An MS4 entity shall comply with applicable public notice requirements. An MS4 operator shall identify and implement a public participation and involvement program. A certification form shall be completed and submitted to the department once the program has been developed and implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(c) An MS4 operator shall develop measurable goals for this MCM. An initial assessment of MS4 area constituents must be conducted to identify interested individuals for participation in the MS4 area storm water program. To comply with this measure, specific outreach and reduction goal percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant community participation in citizen panels, community clean-ups, citizen watch groups and drain marking projects, and public meeting notification.

(d) In combined sewer system municipalities designated under this rule, the current LTCP shall be reviewed, and any necessary language changes to ensure consistency with the SWQMP shall be included in the plan to ensure that this MCM requirement is met. (*Water Pollution Control Division; 327 IAC 15-13-13; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3588*)

**327 IAC 15-13-14 Storm water quality management plan illicit discharge detection and elimination MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 14. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop and implement a strategy to detect and eliminate illicit discharges to the MS4 conveyance.

(b) An MS4 operator shall develop a storm sewer system map showing the location of all outfalls and MS4 conveyances in the particular MS4 area under the MS4 operator's control and the names and locations of all waters that receive discharges from those outfalls. A map developed under this subsection must meet the following:

(1) At a minimum, longitude and latitude for mapped outfall locations must be done in decimal degrees, or, if a global

positioning system is utilized, mapping-grade accuracy data shall be collected, where an accuracy discrepancy is less than five (5) meters.

(2) The mapping requirement must be developed as follows:

(A) All known outfall conveyance systems with a pipe diameter of twelve (12) inches or larger and open ditches with a two (2) foot or larger bottom width must be mapped within the first five (5) year permit term according to the following:

(i) After the second year of permit coverage, mapping must depict the location of outfall conveyance systems for at least twenty-five percent (25%) of the MS4 conveyances within the MS4 area.

(ii) For each additional year of the initial permit term, mapping must depict at least an additional twenty-five percent (25%) of the MS4 conveyances.

(B) Subsequent permit terms will require that all remaining outfall conveyance systems are mapped.

(3) The mapping requirements in subdivision (2) do not include private or mutual drains, yard swales that are not maintained by a regulated MS4 entity, or curbs and gutters.

(c) Through an ordinance or other regulatory mechanism, an MS4 operator shall prohibit illicit discharges into MS4 conveyances and establish appropriate enforcement procedures and actions.

(d) An MS4 operator shall develop a plan to detect, address, and eliminate illicit discharges, including illegal dumping, into the MS4 conveyance. This plan need not address the following categories of nonstorm water discharges or flows unless the MS4 operator identifies them as significant contributors of pollutants to its MS4 conveyance:

- (1) Water line flushing.
- (2) Landscape irrigation.
- (3) Diverted stream flows.
- (4) Rising ground waters.
- (5) Uncontaminated ground water infiltration.
- (6) Uncontaminated pumped ground water.
- (7) Discharges from potable water sources.
- (8) Foundation drains.
- (9) Air conditioning condensation.
- (10) Irrigation water.
- (11) Springs.
- (12) Water from crawl space pumps.
- (13) Footing drains.
- (14) Lawn watering.
- (15) Individual residential car washing.
- (16) Flows from riparian habitats and wetlands.
- (17) Dechlorinated swimming pool discharges.
- (18) Street wash water.
- (19) Discharges from firefighting activities.

(e) The plan developed under subsection (d) must, at a minimum, locate problem areas via dry weather screening or other means, determine the source, remove or otherwise correct illicit connections, and document the actions taken. The dry weather screening or other means must utilize a field testing kit, or similar method, to analyze for pollutants of concern and other parameters, such as pH, conductivity, or nitrogen-ammonia, used to identify possible pollutant sources. All storm water outfalls in the regulated MS4 area under the MS4 operator's control must be screened for illicit discharges. The screening may be initiated gradually throughout successive five (5) year permit cycles. If the gradual approach is utilized, all storm water outfalls with a pipe diameter of twelve (12) inches or larger and open ditches with a two (2) foot or larger bottom width must be screened in the first five (5) year permit term. Subsequent permit terms will require that all remaining outfalls be screened.

(f) The plan developed under subsection (d) must identify all active industrial facilities within the MS4 area that discharge into an MS4 conveyance. This identification shall include the facility name, address, telephone number, and Standard Industrial Classification (SIC) code. Updated information regarding active industrial facilities must be submitted in each annual report.

(g) A certification form must be completed and submitted to the department once the plan has been developed and

implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(h) An MS4 operator shall educate public employees, businesses, and the general public about the hazards associated with illicit discharges and improper disposal of waste. This educational effort shall include the following:

(1) Informational brochures and guidances for specific audiences and school curricula.

(2) Publicizing and facilitating public reporting of illicit discharges and spills.

(i) An MS4 operator shall initiate, or coordinate existing, recycling programs in the regulated MS4 area for commonly dumped wastes, such as motor oil, antifreeze, and pesticides.

(j) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific outreach and reduction percentages and timetables must be identified. At a minimum, goals must address relevant collection system mapping, regulatory mechanism implementation, employee training, household hazardous waste programs, illicit discharge detection, and illicit discharge elimination.

(k) In combined sewer system municipalities designated under this rule, the current CSOOP and LTCP must be reviewed, and any necessary language changes to ensure consistency with the SWQMP must be included in the plans to ensure that this MCM requirement is met. (*Water Pollution Control Division; 327 IAC 15-13-14; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3589*)

**327 IAC 15-13-15 Storm water quality management plan construction site storm water run-off control MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 15. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop, implement, manage, and enforce an erosion and sediment control program for construction activities that disturb one (1) or more acres of land within the MS4 area.

(b) Through an ordinance or other regulatory mechanism, the MS4 operator shall establish a construction program that controls polluted run-off from construction activities with a land disturbance greater than or equal to one (1) acre, or disturbances of less than one (1) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) or more acres of land. Except for state permitting process references and submittal deadlines of construction plans and permit applications in 327 IAC 15-5, this ordinance or other regulatory mechanism must contain, at a minimum, the requirements of 327 IAC 15-5. The MS4 operator may establish a permitting process and timetable for plan and application submittals that are different than that established under 327 IAC 15-5. The permitting process must include a requirement for the construction project site owner to submit a copy of the application directly to the department. A certification form shall be completed and submitted to the department once the ordinance or other regulatory mechanism is developed and a program has been implemented or three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the regulatory mechanism and program shall be reviewed for adequacy and accuracy and updated as necessary. Until the MS4 operator program is implemented, NOI letters and construction plans for construction activities within the MS4 area will be submitted in accordance with 327 IAC 15-5-5 and 327 IAC 15-5-6 to the department and the local SWCD.

(c) If the MS4 operator has not entered into a written agreement with the local SWCD to review and approve construction site plans or conduct construction site inspections, the MS4 operator shall provide an opportunity to the local SWCD to provide comments and recommendations to the MS4 operator on individual projects. This process may be accomplished by the MS4 operator establishing a local plan review and comment procedure, a project technical review committee, or other mechanism to solicit the input of the local SWCD.

(d) Failure of the SWCD to respond within a predetermined time period should not delay final action of the MS4 operator to approve plans or projects.

(e) In addition to any procedural requirements for submittal to the MS4 operator or MS4 designated entity, an NOI letter required under 327 IAC 15-5 must be submitted to the department for any projects within the MS4 area.

(f) The MS4 operator, or a designated MS4 entity, shall meet the following:

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- (1) Develop requirements for the implementation of appropriate BMPs on construction sites to control sediment, erosion, and other waste.
  - (2) Review and approve the construction plans submitted by the construction site operator before construction activities commence.
  - (3) Develop procedures for site inspection and enforcement to ensure that BMPs are properly installed.
  - (4) Establish written procedures to identify priority sites for inspection and enforcement based on, at a minimum, the nature and extent of the construction activity, topography, and the characteristics of soils and receiving water quality.
  - (5) Develop procedures for the receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities.
  - (6) Implement, at a minimum, a tracking process in which submitted public information, both written and verbal, is documented and then given to appropriate staff for follow-up.
  - (g) MS4 area personnel responsible for plan review, inspection, and enforcement of construction activities shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement procedures.
  - (h) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific outreach, compliance, and implementation goal percentages and timetables must be identified. At a minimum, goals must address relevant regulatory mechanism implementation, public informational request procedure implementation, site inspection procedure implementation, and construction site operator compliance improvement.
  - (i) For those construction activities operated by the MS4 operator or MS4 municipalities within the MS4 area, construction plans must be submitted to the local SWCD or other entity designated by the department for review and approval. If the MS4 operator does not receive either a notice of deficiency or an approval within thirty-five (35) days of the submittal, the plan will be considered adequate. After a one (1) year period of compliance, the MS4 operator or the designated MS4 entity need not submit the plans and may review MS4-operated project construction plans internally.
  - (j) In addition to the requirements of 327 IAC 15-5-6.5, the MS4-operated project construction plans must include a traffic phasing plan for those projects that have the potential to alter vehicular traffic routes.
  - (k) In addition to the requirements of 327 IAC 15-5-6.5(a)(7), the MS4-operated project storm water pollution prevention plan must address the following areas outside of right-of-ways:
    - (1) Utility relocation areas.
    - (2) Material hauling and transportation routes/roads.
    - (3) Borrow pits.
    - (4) Temporary staging and material stockpile areas.
    - (5) Temporary disposal areas for waste materials.
- (Water Pollution Control Division; 327 IAC 15-13-15; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3590; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

**327 IAC 15-13-16 Storm water quality management plan postconstruction storm water run-off control MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

- Sec. 16. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop, implement, manage, and enforce a program to address discharges of postconstruction storm water run-off from new development and redevelopment areas that disturb one (1) or more acres of land or disturbances of less than one (1) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) or more acres of land within the MS4 area.
- (b) Through the use of an ordinance or other regulatory means, an MS4 operator shall implement planning procedures to promote improved water quality. These planning procedures must include, at a minimum, the postconstruction requirements of 327 IAC 15-5-6.5(a)(8). Where appropriate, and to the extent of the MS4 operator's authority, the procedures may also include the following:
- (1) Buffer strip and riparian zone preservation.
  - (2) Filter strip creation.

- (3) Minimization of land disturbance and surface imperviousness.
- (4) Minimization of directly connected impervious areas.
- (5) Maximization of open space.
- (6) Directing the community's physical growth away from sensitive areas and toward areas that can support it without compromising water quality.

A certification form that combines the completed requirements of this subsection and subsection (e) shall be completed and submitted to the department once the ordinance or other regulatory means has been developed and a program has been implemented or seven hundred thirty (730) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(c) Where appropriate, an MS4 operator shall use any combination of storage, infiltration, filtering, or vegetative practices to reduce the impact of pollutants in storm water run-off on receiving waters. In addition to the combination of practices, the following requirements shall be utilized:

- (1) Infiltration practices will not be allowed in wellhead protection areas.
- (2) Discharges from an MS4 area will not be allowed directly into sinkholes or fractured bedrock without treatment that results in the discharge meeting Indiana ground water quality standards as referenced in 327 IAC 2-11.
- (3) Any storm water practice that is a Class V injection well must ensure that the discharge from such practices meets Indiana ground water quality standards as referenced in 327 IAC 2-11.
- (4) As site conditions allow, the rate at which water flows through the MS4 conveyances shall be regulated to reduce outfall scouring and stream bank erosion.
- (5) As site conditions allow, a vegetated filter strip of appropriate width shall be maintained along unvegetated swales and ditches.
- (6) New retail gasoline outlets, new municipal, state, federal, or institutional refueling areas, or outlets and refueling areas that replace their existing tank systems shall be required by MS4 ordinance or other regulatory means to design and install appropriate practices to reduce lead, copper, zinc, and polyaromatic hydrocarbons in storm water run-off.

(d) MS4 area personnel responsible for plan review, inspection, and enforcement of postconstruction BMPs shall receive, at a minimum, annual training addressing such topics as appropriate control measures, inspection protocol, and enforcement procedures.

(e) An MS4 operator shall develop and implement a written operational and maintenance plan for all storm water structural BMPs. A certification form that combines the completed requirements of this subsection and subsection (b) shall be completed and submitted to the department once the plan has been developed and implemented or seven hundred thirty (730) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary.

(f) An MS4 operator shall develop measurable goals for this measure. To comply with this measure, specific reduction percentages and timetables must be identified. At a minimum, goals must address relevant regulatory mechanism implementation, planning and structural BMP strategies, new impervious surface reduction, and discharge quality improvement. (*Water Pollution Control Division; 327 IAC 15-13-16; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3591; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191*)

**327 IAC 15-13-17 Storm water quality management plan municipal operations pollution prevention and good housekeeping MCM**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 17. (a) An MS4 operator shall develop an SWQMP that includes a commitment to develop and implement a program to prevent or reduce pollutant run-off from municipal operations within the MS4 area.

(b) To the extent of their authority, an MS4 operator shall develop and implement a program to ensure that existing municipal, state, or federal operations are performed in ways that will reduce contamination of storm water discharges. A certification form must be completed and submitted to the department once the program has been developed and implemented or

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three hundred sixty-five (365) days from the date the initial NOI letter submittal was received by the department, whichever is earlier. In subsequent permit terms, the certification form does not need to be completed and submitted. At a minimum, every five (5) years the program shall be reviewed for adequacy and accuracy and updated as necessary. This program must include the following:

- (1) Written documentation of maintenance activities, maintenance schedules, and long term inspection procedures for BMPs to reduce floatables and other pollutants discharged from the separate storm sewers. Maintenance activities shall include, as appropriate, the following:
  - (A) Periodic litter pick up as defined in the MS4 area SWQMP.
  - (B) Periodic BMP structure cleaning as defined in the MS4 area SWQMP.
  - (C) Periodic pavement sweeping as defined in the MS4 area SWQMP.
  - (D) Roadside shoulder and ditch stabilization.
  - (E) Planting and proper care of roadside vegetation.
  - (F) Remediation of outfall scouring conditions.
- (2) Controls for reducing or eliminating the discharge of pollutants from operational areas, including roads, parking lots, maintenance and storage yards, and waste transfer stations. Appropriate controls shall include the following:
  - (A) Covering or otherwise reducing the potential for polluted storm water run-off from deicing salt or sand storage piles.
  - (B) Establishing designated snow disposal areas that have minimal potential for pollutant run-off impact on MS4 area receiving waters.
  - (C) Providing facilities for containment of any accidental losses of concentrated solutions, acids, alkalies, salts, oils, or other polluting materials.
  - (D) Standard operating procedures for spill prevention and clean-up during fueling operations.
  - (E) BMPs for vehicular maintenance areas.
  - (F) Prohibition of equipment or vehicle wash waters and concrete or asphalt hydrodemolition waste waters into storm water run-off except under the allowance of an appropriate NPDES wastewater permit.
  - (G) Minimization of pesticide and fertilizer use. Pesticides shall be used, applied, handled, stored, mixed, loaded, transported, and disposed of via office of the Indiana state chemist's guidance requirements.
  - (H) Proper disposal of animal waste. If applicable, it is recommended that canine parks be sited at least one hundred fifty (150) feet away from a surface waterbody.
- (3) Written procedures for the proper disposal of waste or materials removed from separate storm sewer systems and operational areas. All materials removed from separate storm sewer systems and operational areas, including dredge spoil, accumulated sediments, floatables, and debris, must be:
  - (A) reused or recycled; or
  - (B) disposed of in accordance with applicable solid waste disposal regulations.
- (4) Written documentation that new flood management projects are assessed for their impacts on water quality and existing flood management projects are examined for incorporation of additional water quality protection devices or practices.
- (5) Written documentation that appropriate MS4 entity employees have been properly trained, with periodic refresher sessions, on topics such as proper disposal of hazardous wastes, vegetative waste handling, fertilizer and pesticide application, and the function of implemented BMPs.
  - (c) An MS4 operator shall develop measurable goals for this MCM. To comply with this measure, specific reduction percentages and timetables must be identified. As applicable or, if not applicable, then appropriately justified, goals must address relevant catch basin cleaning and street sweeping procedures, employee training, recycling program implementation, pesticide, fertilizer and sand or salt usage reductions, floatables reduction, and maintenance schedule for BMPs.
  - (d) In combined sewer system municipalities designated under this rule, the current CSOOP and LTCP will need to be reviewed, and any necessary language changes to ensure consistency with the SWQMP must be included in the plans to ensure that this MCM requirement is met. (*Water Pollution Control Division; 327 IAC 15-13-17; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3592*)



**327 IAC 15-13-18 Reporting requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 18. (a) An MS4 operator regulated under this rule shall submit an annual report to the department with the following information:

- (1) Progress towards development, implementation, and enforcement of all MCMs, including updated programmatic indicator data.
- (2) Summary of complaints received and follow-up investigation results related to storm water quality issues.
- (3) Updated measurable goals.
- (4) Storm water BMPs installed or initiated.
- (5) Follow-up or additional water quality characterization.
- (6) Updated active industrial facilities list.
- (7) Implementation problems encountered, including BMP changes due to ineffectiveness or infeasibility.
- (8) Funding sources and expenditures.
- (9) Changes to MS4 area boundaries, including land areas added to the MS4 area via annexation or other similar means.
- (10) Identified storm water quality improvement projects.
- (11) Updated receiving water information.

The initial annual report shall be postmarked no later than three hundred sixty-five (365) days from the date the SWQMP-Part C: Program Implementation submittal was received by the department. Subsequent report submittals during the first five (5) year permit term shall be provided no later than three hundred sixty-five (365) days from the previous report in years three (3), four (4), and five (5). In subsequent permit terms, reports must be submitted in years two (2) and four (4).

(b) An MS4 operator shall submit a monthly construction site project summary to the department containing a listing of all project names associated with section 15 of this rule, the project address, project duration, and an indication of enforcement actions undertaken. If no projects occur within a given month, a report does not need to be submitted. Reports must be postmarked no later than the last day of the following month. The commissioner may develop criteria for an alternative acceptable timetable for submission of this summary.

(c) The summary required under subsection (b) must address those projects for which there has been:

- (1) an NOI letter submittal, or its equivalent, to the MS4 entity; or
- (2) a Notice of Termination letter, or its equivalent, processed by the MS4 entity.

(d) An MS4 operator shall certify by signature on the annual report form that information provided is true and accurate.

*(Water Pollution Control Division; 327 IAC 15-13-18; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3593; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191)*

**327 IAC 15-13-19 Permit duration**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 19. (a) The permits under this rule are valid for five (5) years from the date the initial NOI letter was received by the department. Renewal application for the permit is required at least sixty (60) days prior to the expiration date. Coverage under renewal NOI letters will begin on the date of expiration from the previous five (5) year permit term.

(b) If MS4 entity conditions change within an MS4 area, written notification of the changes must be submitted to the commissioner.

(c) For a complete renewal application to be sufficient, a new NOI letter and SWQMP-Part A: Initial Application must be submitted in accordance with sections 6 and 9 of this rule.

(d) Permits may be reissued on a watershed basis to take into account surface water quality monitoring strategies and sampling data analyses for individual drainage areas.

(e) Subsequent permits will require the MS4 operator to maintain and, where possible, improve their performance in implementing the six (6) MCMs. *(Water Pollution Control Division; 327 IAC 15-13-19; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594)*

**327 IAC 15-13-20 Permit termination**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 20. (a) An MS4 entity may request the department to terminate permit coverage under this rule if:

- (1) based on physical changes in the MS4 area, the permit is no longer needed;
- (2) based on a lack of cooperation between MS4 entities, a new general permit NOI letter is needed; or
- (3) based on documented reductions in population, population density, occupancy, or enrollment that result in numbers below minimum designation criteria and a request based on this subdivision will only be considered once a permit under this rule has expired.

(b) The department may terminate permit coverage under this rule and require an MS4 entity to apply for an individual permit if one (1) or more of the cases referenced in 327 IAC 15-2-9(a) is applicable. (*Water Pollution Control Division; 327 IAC 15-13-20; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**327 IAC 15-13-21 Standard conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-14-10; IC 13-18-4; IC 13-30

Sec. 21. The standard conditions for the NPDES general permit rule under 327 IAC 15-4 shall apply to this rule. (*Water Pollution Control Division; 327 IAC 15-13-21; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594; errata filed Sep 8, 2003, 3:15 p.m.: 27 IR 191*)

**327 IAC 15-13-22 Inspection and enforcement**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-14-10; IC 13-18-4; IC 13-30

Sec. 22. (a) The commissioner may inspect an MS4 entity regulated under this rule at any time. Any documentation required in sections 6 through 20 of this rule or related to implementation of this rule must be available at the physical address corresponding to the MS4 operator or the primary contact individual for review by the commissioner during normal business hours.

(b) At a minimum, records shall be established and maintained at the address referenced in subsection (a) for the five (5) years of the permit term. The five (5) year period will be extended:

- (1) automatically during the course of any unresolved litigation regarding the discharge of pollutants by the MS4 operator, or other MS4 entity regulated by the MS4 area permit, or regarding promulgated effluent guidelines applicable to the MS4 area; or
- (2) as requested by the regional administrator of the United States Environmental Protection Agency or the commissioner.

(c) The commissioner may request data to facilitate the identification or quantification of pollutants that may be released to the environment from an MS4 conveyance or to determine effectiveness of the MCMs.

(d) The commissioner, or an authorized representative, upon providing appropriate credentials, may inspect an MS4 entity regulated under this rule at any time. Record keeping and reporting requirements for sections 15 and 16 of this rule shall conform to 327 IAC 15-5.

(e) All persons or MS4 entities responsible for the MS4 conveyances shall be responsible for complying with the SWQMP for the MS4 area and the provisions of this rule. Any person or MS4 entity causing or contributing to a violation of any provisions of this rule shall be subject to IC 13-30 and IC 13-14-10.

(f) All projects within a regulated MS4 area meeting the applicability requirements of 327 IAC 15-5 are subject to inspection and enforcement by the department or their designated representative for violations associated with 327 IAC 15-5. (*Water Pollution Control Division; 327 IAC 15-13-22; filed Jul 7, 2003, 2:15 p.m.: 26 IR 3594; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA*)

**Rule 14. On-Site Residential Sewage Discharging Disposal Systems within the Allen County On-Site**

## Waste Management District

### 327 IAC 15-14-1 Purpose

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 1. The purpose of this rule is to establish requirements for point source discharges of treated sewage from on-site residential sewage discharging disposal systems within the Allen County on-site waste management district to protect the public health, existing water uses, and aquatic biota. *(Water Pollution Control Division; 327 IAC 15-14-1; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1563; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA)*

### 327 IAC 15-14-2 Applicability

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4; IC 13-18-12-9

Sec. 2. This rule applies to on-site residential sewage discharging disposal systems located within the Allen County on-site waste management district that have been installed to repair or replace a sewage disposal system that fails to meet public health and environmental standards and for which an operating permit has been issued pursuant to IC 13-18-12-9. Such systems shall discharge one thousand (1,000) gallons or less per day of treated sanitary wastewater. *(Water Pollution Control Division; 327 IAC 15-14-2; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1563)*

### 327 IAC 15-14-3 Definitions

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-11-2; IC 13-18-4; IC 36-11

Sec. 3. In addition to the definitions contained in IC 13-11-2, 327 IAC 5, and 327 IAC 15-1-2, the following definitions apply throughout this rule:

- (1) "CBOD<sub>5</sub>" means Five (5)-day Carbonaceous Biochemical Oxygen Demand.
- (2) "District" means the Allen County on-site waste management district established under IC 36-11.
- (3) "E. coli" means Escherichia coli bacteria.
- (4) "On-site residential sewage discharging disposal system" means a sewage disposal system that:
  - (A) is located on a site with and serves a one (1) or two (2) family residence; and
  - (B) discharges effluent off-site.
- (5) "Permittee" means, for purposes of this rule, the owner of an on-site residential sewage discharging disposal system and the district in subdivision (2).
- (6) "Sewage disposal system" means septic tanks, wastewater holding tanks, seepage pits, cesspools, privies, composting toilets, interceptors or grease traps, portable sanitary units, and other equipment, facilities, or devices used to:
  - (A) store;
  - (B) treat;
  - (C) make inoffensive; or
  - (D) dispose of;human excrement or liquid carrying wastes of a domestic nature.
- (7) "TSS" means total suspended solids.

*(Water Pollution Control Division; 327 IAC 15-14-3; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1564; errata filed Sep 2, 2004, 11:05 a.m.: 28 IR 214; filed Oct 9, 2015, 4:07 p.m.: 20151104-IR-327100659FRA; errata filed Dec 30, 2015, 12:37 p.m.: 20160113-IR-327150453ACA)*

**327 IAC 15-14-4 NOI letter requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4; IC 13-18-12-9; IC 13-18-20-12

Sec. 4. (a) Except as provided in subsection (f), the owner of property upon which an on-site residential sewage discharging disposal system subject to this rule is located shall submit to the district a request for inclusion into the district and coverage under this rule. The request shall include the following:

(1) Name and address of the owner and location of the property for which the request is submitted, if different than the mailing address.

(2) A copy of the operating permit issued by the local health department with jurisdiction over the system as provided in section 7 of this rule, pursuant to IC 13-18-12-9(d).

(3) A statement that the person named under subdivision (1) wishes to be covered by this rule.

(4) Signature of the person named under subdivision (1).

(b) If an on-site residential sewage discharging disposal system serves more than one (1) home, each homeowner served by the system shall submit the information required in subsection (a).

(c) If there is a change of ownership of the property upon which an on-site residential sewage discharging disposal system is located, the following must be accomplished in accordance with any applicable district requirements:

(1) The seller of the property shall submit:

(A) a notice to the district reporting the change in property ownership; and

(B) a written statement to the buyer of the property explaining the obligations, including the requirements of this rule, of owning an on-site residential sewage discharging disposal system.

(2) The buyer of the property shall submit to the district a statement requesting to remain subject to coverage under this rule.

(d) The district shall submit a NOI letter to the following address:

Indiana Department of Environmental Management

Office of Water Quality

100 North Senate Avenue, Room N1255

Indianapolis, Indiana 46204

Attention: Permits Section

(e) The NOI letter shall include the following:

(1) Names and mailing addresses of all persons requesting inclusion in the district.

(2) Map indicating the following:

(A) The location of each on-site residential sewage discharging disposal system within the district.

(B) The location of any pond or lake within two (2) miles downstream of any on-site residential sewage discharging disposal system within the district.

(3) Names of the receiving streams into which the on-site residential sewage discharging disposal systems will discharge.

(4) A statement that the district and the persons listed under this subsection intend to be covered by this rule.

(5) The application fee required under IC 13-18-20-12.

(f) For an on-site residential sewage discharging disposal system installed at a residence that was constructed after July 1, 2002, because of failure of the original on-site non-discharging sewage disposal system, the following additional requirements apply:

(1) The owner of the system shall submit all information required under this section to both the district and IDEM, including a copy of the operating permit issued by the local health department, prior to discharge from the system.

(2) The owner shall also submit to IDEM a system failure report, on a form provided by the department, that summarizes:

(A) the known reasons for failure of the system; and

(B) other technologies for repair or options for managing the on-site waste that were considered by the local health department prior to issuing an operating permit.

(3) The owner may not discharge from the system until receiving approval from the department. If the department does not approve the operation within fifteen (15) days of receipt of the NOI information, the system is approved for purposes of this rule.

(g) The NOI letter must be signed by the head of the governing body of the district. (*Water Pollution Control Division; 327 IAC 15-14-4; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1564; errata filed Feb 6, 2006, 11:15 a.m.: 29 IR 1939*)

**327 IAC 15-14-5 Deadline for submission of a NOI letter and update requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 5. (a) Any person requesting inclusion in the district and coverage under this rule shall submit the request for inclusion to the district within thirty (30) days of receipt of the operating permit issued by the local health department. However, a person described in section 4(f) of this rule shall submit the NOI information required under section 4 of this rule to the district and IDEM at least fifteen (15) days prior to discharging.

(b) The district shall submit the NOI letter to the department within ninety (90) days of the effective date of this rule.

(c) The district shall provide written updates to the department every three (3) months after submission of the initial NOI letter. The updates shall include the following:

(1) Updated list of names and mailing addresses of district members, including the following:

(A) Additional persons included in the district and requesting coverage under this rule since the last update.

(B) Changes in ownership of any systems, including the names of the new and former owners.

(2) Updated map containing the most recent information required under section 4(e)(2) of this rule.

(d) The update required by subsection (c) must be signed by the head of the governing body of the district. (*Water Pollution Control Division; 327 IAC 15-14-5; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1565*)

**327 IAC 15-14-6 General permit rule boundary**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 6. On-site residential sewage discharging disposal systems located within the boundaries of the Allen County on-site waste management district are regulated under this rule. (*Water Pollution Control Division; 327 IAC 15-14-6; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1565*)

**327 IAC 15-14-7 General requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4; IC 13-18-12-9

Sec. 7. (a) The point source discharge of treated sewage from an on-site residential sewage discharging disposal system is prohibited unless:

(1) the local health department with jurisdiction over the system has issued an operating permit for the system as provided under IC 13-18-12-9(d); and

(2) all applicable requirements of this article and 327 IAC 5 have been met.

(b) Coverage commences under this rule according to the following:

(1) Upon receipt by the department of the initial NOI letter for discharges from an on-site residential sewage discharging disposal system included in the NOI letter.

(2) Upon receipt by the district of the request for inclusion and coverage under section 4 of this rule for owners of an on-site residential sewage discharging disposal system installed after the district sends the initial NOI letter to the department.

(3) For a person described in section 4(f) of this rule, coverage commences upon approval by the department or fifteen (15) days after the department receives all information required under section 4 of this rule.

(*Water Pollution Control Division; 327 IAC 15-14-7; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1565*)

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**327 IAC 15-14-8 Discharge limits and monitoring and reporting requirements**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 8. (a) The permittee must meet the discharge and monitoring requirements listed in Table 1 and this section as follows:

Table 1

The discharge shall be limited and monitored by the permittee as specified as follows:

Parameter	Daily Maximum	Daily Minimum	Units	Monitoring Frequency	Sample Type
Effluent flow	-	-	GPD	1 X Monthly	24-Hr. Total [1]
Temperature	Report	Report	°C	2 X Annually	Grab
CBOD <sub>5</sub>	15	-	mg/l	2 X Annually	Grab
TSS	18	-	mg/l	2 X Annually	Grab
Ammonia-nitrogen	2	-	mg/l	2 X Annually	Grab
pH	9.0	6.0	s.u.	2 X Annually	Grab
Dissolved Oxygen [2]				2 X Annually	Grab
Winter [3]	-	5.0	mg/l		
Summer [4]	-	[5]	mg/l		
E. coli	235	-	colonies/100ml	1 X Quarterly	Grab
Total residual chlorine [6]					
Final	<0.06	-	mg/l	1 X Quarterly	Grab

[1] Flows may be estimated.

[2] Dissolved oxygen must be monitored once during the winter monitoring period, and once during the summer monitoring period.

[3] Winter limitations apply from December 1 through April 30 of each year.

[4] Summer limitations apply from May 1 through November 30 of each year.

[5] During the summer monitoring period, the dissolved oxygen concentration shall not be less than fifty percent (50%) of saturation as determined by Table 2 as follows:

Table 2

No one (1) sample shall be less than 4.0 mg/l.

Temp. °C	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0
D.O. mg/l	4.703	4.654	4.606	4.559	4.513	4.467	4.422	4.378	4.335	4.293	4.251	4.210	4.169	4.129	4.090	4.051	4.012

[6] If chlorine is used as a disinfectant, the residual prior to dechlorination shall be maintained at a minimum of 0.5 mg/l at all times. Dechlorination is required such that the concentration of residual chlorine does not exceed the limit of quantification of 0.06 mg/l.

(b) Samples and measurements required by this rule shall:

- (1) be representative of the volume and nature of the monitored discharge flow;
- (2) be taken at times that reflect the full range of effluent parameters normally expected to be present;
- (3) be taken at times that represent seasonal variability unless otherwise approved by the commissioner;
- (4) not be taken at times or in a manner to avoid showing elevated levels of any parameter; and
- (5) be analyzed by a laboratory using approved methods.

(c) The owner of an on-site residential sewage discharging disposal system shall visually inspect the system at least one (1) time each month and complete a visual inspection form provided by the department. Completed visual inspection forms shall be maintained by the owner of the system and made available for inspection by the district or IDEM. If the person inspecting the system discovers any problem in the operation or maintenance of the system, the person shall contact the district immediately.

(d) Except as provided in subsection (h), the analytical results of monitoring required by this rule shall be reported as follows:

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- (1) The homeowner shall submit to the district the required analytical results on or before the twenty-eighth day of the month following the month in which the samples were collected.
- (2) The district shall submit to the department on a semiannual basis the sampling results for all of the on-site residential sewage discharging disposal systems that are regulated under this rule.
- (3) Monitoring results shall be submitted to the department on forms provided by the department.
- (e) The discharge from the on-site residential sewage discharging disposal system shall not cause receiving waters, including the mixing zone, to contain substances (for example, foam), materials, floating debris, oil, scum, or other pollutants that:
  - (1) will settle to form putrescent or otherwise objectionable deposits;
  - (2) are in amounts sufficient to be unsightly or deleterious;
  - (3) produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
  - (4) are in amounts sufficient to be acutely toxic to or otherwise severely injure or kill aquatic life, other animals, plants, or humans; or
  - (5) are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- (f) The discharge from the on-site residential sewage discharging disposal system shall not cause receiving waters outside the mixing zone to contain substances in concentrations that on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.
- (g) The permittee shall take all reasonable steps to minimize any adverse impact to waters of the state resulting from noncompliance with any effluent limitations specified in this permit. The commissioner may require accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
- (h) If the results of any compliance monitoring show an exceedance of an effluent limitation under this section, a confirmation test must be conducted for each exceeded limitation no later than thirty (30) days from the date that the original sample was taken. Results of the confirmation sampling must be submitted to the district as soon as received but in no case later than seven (7) days after receipt of the sampling results. A confirmation test must be conducted every thirty (30) days until the effluent limitation is met.
- (i) If two (2) consecutive sampling results, including the confirmation samples required under subsection (h), exceed an effluent limitation, the district must submit a corrective action plan to the department within thirty (30) days of receipt of results of the second sample. The plan shall include information on corrective action taken to ensure compliance with each exceeded limitation and a plan to ensure future compliance with the limitation. (*Water Pollution Control Division; 327 IAC 15-14-8; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1565*)

**327 IAC 15-14-9 Standard conditions**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-18-4

Sec. 9. (a) In addition to the conditions set forth in this rule, the standard conditions for a NPDES permit under 327 IAC 5 and the standard conditions for a NPDES general permit under this article apply to this rule.

(b) The district shall maintain the following records within the district office and make them available for inspection pursuant to section 10 of this rule:

- (1) Monitoring reports required under section 8 of this rule for each system within the district.
- (2) A copy of the operating permit issued by the local health department for each system within the district.
- (3) Signed requests for inclusion in the district and coverage under this rule for each system within the district.

(*Water Pollution Control Division; 327 IAC 15-14-9; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1567*)

**327 IAC 15-14-10 Inspection and enforcement**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2  
Affected: IC 13-14-10; IC 13-15-7; IC 13-18-3; IC 13-18-4; IC 13-30; IC 36-11-2-1; IC 36-11-5

Sec. 10. (a) The owner of an on-site residential sewage discharging disposal system shall allow the commissioner or an

authorized representative, upon presentation of credentials, to enter upon the premises where an on-site residential sewage discharging disposal system is located to determine compliance with this rule and state water quality standards.

(b) The district shall allow the commissioner or an authorized representative, upon presentation of credentials, to enter the district office and have access to and copy any records that must be kept under the conditions of this rule, in accordance with 327 IAC 15-4-1(l).

(c) The conditions of this rule are subject to enforcement pursuant to 327 IAC 15-4-1 and IC 13-30. (*Water Pollution Control Division; 327 IAC 15-14-10; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1567*)

### **327 IAC 15-14-11 Duration and renewal of coverage**

Authority: IC 13-14-8; IC 13-15-1-2; IC 13-15-2-1; IC 13-18-3-1; IC 13-18-3-2

Affected: IC 13-18-4

Sec. 11. (a) Coverage under this rule is granted by the commissioner for a period of five (5) years from the date coverage commences according to section 7(b) of this rule.

(b) To obtain renewal of coverage under this general permit rule, the district shall submit the information required under section 4 of this rule to the commissioner no later than ninety (90) days prior to the expiration of coverage under this rule unless the commissioner determines that a later date is acceptable. (*Water Pollution Control Division; 327 IAC 15-14-11; filed Dec 18, 2003, 10:39 a.m.: 27 IR 1567*)

### **Rule 15. Concentrated Animal Feeding Operations (Repealed)**

(*Repealed by Water Pollution Control Division; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012*)

### **Rule 16. Concentrated Animal Feeding Operations (CAFOs)**

#### **327 IAC 15-16-1 Purpose and applicability**

Authority: IC 13-14-8; IC 13-18-10-4

Affected: IC 13-11-2; IC 13-14-12; IC 13-18-10; IC 13-30

Sec. 1. (a) This rule:

(1) incorporates by reference federal National Pollutant Discharge Elimination System (NPDES) concentrated animal feeding operation (CAFO) regulations;

(2) requires construction, operational, and land application standards for CAFOs; and

(3) describes how to be removed from the CAFO permitting program.

(b) This rule applies to all of the following:

(1) All CAFOs defined as CAFOs under 40 CFR 122.23(c)\* that discharge to waters of the state.

(2) Animal feeding operations designated as CAFOs under 40 CFR 122.23(c)\* that discharge to waters of the state.

(3) AFOs electing to be subject to this rule.

(c) An owner/operator of a facility listed in subsection (b) must obtain permit coverage under this rule.

(d) The discharge of manure, litter, or process wastewater from a CAFO to waters of the state as a result of land application of manure, litter, or process wastewater by the CAFO to land application areas under the control of the CAFO owner/operator is a discharge subject to NPDES permit requirements under this rule, except where it is an agricultural storm water discharge.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, www.gpo.gov, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-1; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)



**327 IAC 15-16-2 References to the Code of Federal Regulations**

Authority: IC 4-22-2-21; IC 13-14-8; IC 13-18-10-4

Affected: IC 4-22-9-5; IC 13-11-2; IC 13-18-10; IC 13-30

Sec. 2. (a) Unless otherwise indicated, any reference to the Code of Federal Regulations (CFR) in this article means the July 1, 2016, edition, except as provided in subsection (b).

(b) The following are exceptions to the incorporations by reference in subsection (a):

(1) Delete "or proposes to discharge" wherever it occurs.

(2) Delete 40 CFR 122.23(e)(2).

(3) Delete 40 CFR 122.23(f) and substitute the following: Any CAFO that discharges must obtain permit coverage under paragraph (d)(1) of this section.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, www.gpo.gov, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-2; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

**327 IAC 15-16-3 Conversion of federal terms**

Authority: IC 13-14-8-1; IC 13-18-10-4

Affected: IC 13-11-2; IC 13-14-12; IC 13-18; IC 13-30

Sec. 3. When used in 40 CFR, as incorporated by reference in this rule, substitute the following unless otherwise indicated:

(1) "Administrator" means the commissioner of the Indiana department of environmental management.

(2) "Agency" means the Indiana department of environmental management.

(3) "Director" means the commissioner of the Indiana department of environmental management.

(4) "Environmental protection agency" or "EPA" means the Indiana department of environmental management.

(5) "State", "authorized state", "approved state", and "approved program" means Indiana.

(6) "United States" means the state of Indiana.

(*Water Pollution Control Division; 327 IAC 15-16-3; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012*)

**327 IAC 15-16-4 Definitions**

Authority: IC 13-14-8; IC 13-18-10-4

Affected: IC 13-11-2; IC 13-18-10; IC 13-30

Sec. 4. In addition to the definitions in IC 13-11-2, 327 IAC 5-1.5, 327 IAC 19-2, and 40 CFR 122.23, the following definitions apply throughout this rule:

(1) "Agricultural storm water discharge" means a precipitation related discharge from a land application area where the manure, litter, or process wastewater has been applied in accordance with this rule and site-specific nutrient management practices to ensure the agronomic utilization of the nutrients in the manure, litter, or process wastewater as provided in 33 U.S.C. 1362(14) and 40 CFR 122.23(e).

(2) "Confined feeding operation approval" means a valid approval issued by the commissioner under 327 IAC 19.

(3) "Manure storage area" means any area where manure is kept. The term includes the following areas:

(A) Lagoons.

(B) Runoff ponds.

(C) Storage sheds.

(D) Stockpiles.

(E) Under house or pit storage.

(F) Liquid impoundments.

(G) Static piles.

(H) Composting piles.

(4) "One hundred (100) year, twenty-four (24) hour rainfall event" means a twenty-four (24) hour precipitation event with a probable recurrence interval of once in one hundred (100) years, as determined using National Oceanic and Atmospheric Administration (NOAA) Atlas 14, "Precipitation-Frequency Atlas of the United States, Volume 2 Version 3.0", revised 2006\*.

(5) "Overflow" means the discharge of manure or process wastewater resulting from the filling of wastewater or manure storage structures beyond the point at which no more manure, process wastewater, or storm water can be contained by the structure.

(6) "Setback" means a specified distance from surface waters or potential conduits to surface waters where manure, litter, and process wastewater may not be land applied. Examples of conduits or potential conduits include the following:

(A) Open tile line intake structures.

(B) Sinkholes.

(C) Agricultural well heads.

(7) "Twenty-five (25) year, twenty-four (24) hour rainfall event" means a twenty-four (24) hour precipitation event with a probable recurrence interval of once in twenty-five (25) years, as determined using NOAA Atlas 14, "Precipitation-Frequency Atlas of the United States, Volume 2 Version 3.0", revised 2006\*.

\*Copies are available from the National Weather Service, Office of Hydrologic Development, 1325 East West Highway, Silver Spring, MD 20910 or online at <http://www.nws.noaa.gov/oh/hdsc/currentpf.htm>. (*Water Pollution Control Division; 327 IAC 15-16-4; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

**327 IAC 15-16-5 Application requirements**

Authority: IC 13-14-8; IC 13-18-10-4

Affected: IC 13-18-10-2; IC 13-18-20-11.5; IC 13-18-20-12; IC 13-30

Sec. 5. (a) The owner/operator of a CAFO must submit all of the following to the department:

(1) The application for an individual NPDES permit required by 40 CFR 122.21\* and 327 IAC 5-2-3 on forms provided by the department.

(2) The NPDES permit application fee of fifty dollars (\$50) required by IC 13-18-20-12. If this fee is not submitted, the permit application must be denied as provided in IC 13-18-20-12(b).

(3) The individual NPDES CAFO permit application fee of two hundred fifty dollars (\$250) required by IC 13-18-20-11.5.

(4) A list of potentially affected persons, which includes those described in IC 13-18-10-2 and landowners or occupants of land that adjoins the land that is the subject of the permit.

(b) In addition to the requirements in subsection (a), when expanding the CAFO to increase animal capacity or manure containment capacity, the owner/operator must:

(1) obtain a separate construction approval under 327 IAC 19 by submitting:

(A) an application in accordance with 327 IAC 19-7-1; and

(B) the fee of one hundred dollars (\$100) required by IC 13-18-10-2(a)(5); and

(2) comply with the public notice and comment requirements of 327 IAC 19-8-7.

The department shall incorporate the construction approval into the NPDES CAFO permit.

(c) The department shall process the application in accordance with 327 IAC 5-3.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, [www.gpo.gov](http://www.gpo.gov), or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-5; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

**327 IAC 15-16-6 Permit term and renewal**

Authority: IC 13-13-5-1; IC 13-15-1-2; IC 13-15-2-1

Affected: IC 13-18-10

Sec. 6. (a) A permit issued under this rule is effective for a period of five (5) years from the date the permit is issued by the department.

(b) To obtain renewal of coverage under this rule, the information required under 40 CFR 122.21\* shall be submitted to the department no later than one hundred eighty (180) days before the expiration of coverage under the permit.

(c) The permittee must submit an application in accordance with section 5 of this rule to renew a permit.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, www.gpo.gov, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-6; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

**327 IAC 15-16-7 Performance standards and effluent limitations**

Authority: IC 13-14-8; IC 13-18-10-4

Affected: IC 13-14-12; IC 13-18-10; IC 13-30

Sec. 7. (a) All permitted CAFOs must comply with the requirements of 327 IAC 19-3-1.

(b) Animals in any confinement area must not have direct access to waters of the state.

(c) A discharge of process wastewater pollutants to waters of the state is prohibited, except as described in subsection (d).

(d) Whenever rainfall events cause an overflow of process wastewater from a facility designed, constructed, operated, and maintained to contain all process wastewater generated in addition to the runoff from a twenty-five (25) year, twenty-four (24) hour rainfall event for the location of the point source, process wastewater pollutants in the overflow may be discharged into waters, provided that the production area is operated in accordance with the requirements of 40 CFR 412.37(a)\* and 40 CFR 412.37(b)\*.

(e) Any discharges by operations permitted under this rule may not cause an exceedance of a water quality standard under 327 IAC 2.

(f) Permitted CAFOs must meet the following requirements and effluent limitations for the CAFO production areas as of the date of permit coverage:

(1) A discharge of manure, litter, or process wastewater pollutants to waters of the state is prohibited.

(2) Whenever rainfall events cause an overflow of process wastewater from a structure designed, constructed, operated, and maintained to contain all process wastewater including the direct precipitation and runoff from a twenty-five (25) year, twenty-four (24) hour rainfall event for the location of the point source, process wastewater pollutants in the overflow may be discharged into waters, provided that the production area is operated in accordance with the requirements of subdivisions (3) through (7).

(3) Conduct weekly visual inspections of all of the following:

(A) Storm water diversion devices.

(B) Runoff diversion devices.

(C) Devices channeling contaminated storm water to the process wastewater and manure storage structure.

(D) Manure, litter, and process wastewater impoundments, noting the level in open surface liquid impoundments as indicated by the depth marker.

(4) Conduct daily inspection of all water lines that may come in contact with or impact manure, litter, or process wastewater in and around the production area. Water lines include drinking water lines for livestock.

(5) Correct any deficiencies found in inspections as soon as possible.

(6) Do not dispose of mortalities in a liquid manure or process wastewater system. Mortalities must be handled to prevent the discharge of pollutants to surface water.

(7) Maintain, within the operating record required under section 11 of this rule, for a period of five (5) years from the date of creation, a complete copy of the following records:

- (A) Records documenting self-inspections.
- (B) Weekly records of the depth of manure and process wastewater in the open surface liquid impoundment, as indicated by the depth marker.
- (C) Records of actions taken to correct deficiencies. Deficiencies not corrected within thirty (30) days of discovery must be accompanied by an explanation of the factors preventing immediate correction.
- (D) Records of mortality management and practices.
- (E) Records documenting the current design of any manure, litter, or process wastewater storage structures, including volume for solids accumulation, design treatment volume, total design volume, and approximate number of days of storage capacity.
- (F) Records of the date, time, and estimated amount of any overflow.

(g) For the land upon which the CAFO applies manure, the records described in 327 IAC 19-14-3(f) must be maintained in the operating record for a period of five (5) years from the date of permit coverage.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, www.gpo.gov, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-7; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

### **327 IAC 15-16-8 Design, construction, and operational requirements**

Authority: IC 13-14-8-1; IC 13-18-10-4

Affected: IC 13-11-2; IC 13-14-12; IC 13-18; IC 13-30

Sec. 8. All permitted CAFOs must comply with the requirements of the following:

- (1) 327 IAC 19-4.
- (2) 327 IAC 19-7-6.
- (3) 327 IAC 19-8-3(b).
- (4) 327 IAC 19-10.
- (5) 327 IAC 19-11-1(a).
- (6) 327 IAC 19-12, unless an alternative design or compliance approach has been approved by the commissioner under 327 IAC 19-5-1.
- (7) 327 IAC 19-13.

(*Water Pollution Control Division; 327 IAC 15-16-8; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012*)

### **327 IAC 15-16-9 Nutrient management requirements**

Authority: IC 13-13-5-1; IC 13-15-1-2; IC 13-15-2-1

Affected: IC 13-18-10

Sec. 9. (a) The owner/operator of a CAFO must conduct manure, litter, and process wastewater testing for nitrogen and phosphorus annually. Soil sampling and testing must be conducted at a minimum of once every three (3) years. An owner/operator may use the most recent data required under 327 IAC 19-7-5 to meet this requirement after the effective date of this rule.

(b) An owner/operator shall use the protocols listed in the Indiana NRCS Nutrient Management Conservation Practice Standard, Code 590: Nutrient Management, October 2013\* for sampling and testing of soil, manure, litter, and process wastewater.

(c) When developing the nutrient management plan required by 40 CFR 122.42(e)\*\*, the owner/operator shall follow:

- (1) the Indiana Comprehensive Nutrient Management Plan Criteria Practice Activity Code 102, August 2015\*;
- (2) the Purdue University Manure Management Planner\*\*\*; or
- (3) an equivalent program that meets all requirements of 40 CFR 122.42(e)\*\*.

(d) Manure application rates must be in accordance with 327 IAC 19-14-3.

(e) Except as otherwise provided under this section, application of manure, litter, and process wastewater must be in accordance with the setbacks in 327 IAC 19-14-6.

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(f) Manure, litter, or process wastewater must be applied to the land in accordance with 327 IAC 19-14-4.

(g) Land application sites must be inspected to identify any field tile outlets under or immediately bordering the land application site in accordance with 327 IAC 19-14-6.

(h) Spray irrigation must be done in accordance with the requirements in 327 IAC 19-14-5.

(i) Marketing of manure must be done in accordance with the requirements of 327 IAC 19-14-7.

(j) In accordance with 40 CFR 122.42(e)\*\*, the department shall provide public notice of substantial changes to the nutrient management plan for seven (7) days after receipt of the changes. The owner/operator may not implement the changes until after:

(1) closure of the comment period; and

(2) notification of approval by the department.

\*This document is incorporated by reference. Copies may be obtained from the Indiana NRCS State Office, 6013 Lakeside Boulevard, Indianapolis, IN 46278, online at <http://www.in.nrcs.usda.gov/>, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204.

\*\*This document is incorporated by reference. Copies may be obtained from Government Publishing Office, [www.gpo.gov](http://www.gpo.gov), or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204.

\*\*\*This program is available for use online at: <http://www.purdue.edu/agsoftware/mmp/>. (*Water Pollution Control Division; 327 IAC 15-16-9; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA; errata filed Jul 31, 2017, 11:06 a.m.: 20170809-IR-327170349ACA*)

### **327 IAC 15-16-10 Annual report and general conditions**

Authority: IC 13-13-5-1; IC 13-15-1-2; IC 13-15-2-1

Affected: IC 13-18-10

Sec. 10. (a) Any person with a facility subject to this rule shall submit an annual report to the commissioner by February 15 of each year for the previous calendar year with the following information:

(1) The requirements listed in 40 CFR 122.42(e)(4)\*.

(2) Information specified under 327 IAC 15-4-2 and 327 IAC 15-4-3 for any instance of noncompliance. If a spill occurs, the spill must be reported to the department within two (2) hours of discovery, in accordance with 327 IAC 2-6.1-7.

(b) All reports and information required to be submitted under this rule shall be signed and certified in accordance with 327 IAC 15-4-3(g).

(c) It shall not be a defense in an enforcement action that an owner/operator would have had to halt or reduce the permitted activity in order to maintain compliance with the requirements of this rule.

(d) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(e) The owner/operator shall comply with the requirements of 327 IAC 5-2-14.

(f) The owner/operator shall give notice to the commissioner as soon as possible of any planned physical alterations or additions to the permitted facility when the alterations or additions would cause the facility to become a new source under 40 CFR 122.29(b)\*.

(g) The owner/operator shall give notice to the commissioner of any planned change in the permitted facility or activity that may result in noncompliance with the requirements of this rule.

\*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, [www.gpo.gov](http://www.gpo.gov), or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, IN 46204. (*Water Pollution Control Division; 327 IAC 15-16-10; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012; filed Jul 12, 2017, 8:47 a.m.: 20170809-IR-327160003FRA*)

### **327 IAC 15-16-11 Operating record**

Authority: IC 13-13-5-1; IC 13-15-1-2; IC 13-15-2-1

Affected: IC 13-18-10

Sec. 11. (a) The following information must be included, maintained, and updated in the operating record:

- (1) All valid permits, modifications, and notifications.
- (2) The current annual report information required under section 10 of this rule.
- (3) The current emergency spill response plan required under 327 IAC 19-13-4.
- (4) Marketing and distribution records for five (5) years under 327 IAC 19-14-7.
- (5) Updated calculation of minimum acreage required to meet land application requirements under this rule.
- (6) Maps required under 327 IAC 19-7-2.
- (7) Farmstead plan required under 327 IAC 19-7-3.
- (8) Records required under section 7 of this rule and 327 IAC 19-13-1(f).
- (9) The storm water records required under 327 IAC 19-11-1(a).

(b) Access to a minimum number of acres for land application of manure, litter, or process wastewater must be maintained and documented in the operating record at all times based on the requirements in this rule:

- (1) Any acreage identified as part of the minimum required acreage for the application of manure, litter, or process wastewater that is not owned by the owner or operator of the CAFO must be documented in the operating record by land use agreements signed by the property owners on whose property the manure, litter, or process wastewater will or may be applied. If the property is held under a lease or managed by someone other than the property owner, such person in responsible control of the property with authority to approve the land application of manure on the land may sign the land use agreement. The land use agreement shall specify the location of each parcel of land upon which manure may be applied and the available acreage on each parcel after calculation of setbacks.
- (2) Copies of any written waivers related to reduction of the property line setback distances by adjoining property owners.
- (3) The amount of minimum acreage required to be accessible for land application may be reduced based on the amount of manure that is marketed or distributed.

*(Water Pollution Control Division; 327 IAC 15-16-11; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012)*

### **327 IAC 15-16-12 Decommissioning, ceasing operation, and transfer of ownership**

Authority: IC 13-14-8-1; IC 13-18-10-4

Affected: IC 13-11-2-40; IC 13-14-12; IC 13-18; IC 13-30

Sec. 12. (a) A CAFO that is decommissioning a manure storage area must do so in accordance with 327 IAC 19-15.

(b) A CAFO that is ceasing operation must do so in accordance with 327 IAC 19-16-3.

(c) Transfer of ownership of a CAFO must be done in accordance with 327 IAC 5-2-6(c). *(Water Pollution Control Division; 327 IAC 15-16-12; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012)*

### **327 IAC 15-16-13 Transition to the confined feeding operation program in 327 IAC 19**

Authority: IC 13-14-8-1; IC 13-18-10-4

Affected: IC 13-11-2-40; IC 13-14-12; IC 13-18; IC 13-30

Sec. 13. (a) A CAFO that is no longer required to maintain an NPDES permit but meets the definition of a CFO as of the effective date of this rule must provide written notification to the commissioner of its transition into the CFO program under 327 IAC 19.

(b) Coverage under 327 IAC 19 commences on the effective date of 327 IAC 19 and remains in effect for the duration of time the NPDES permit would have been in effect but in no case longer than five (5) years.

(c) The department shall send a transition form to each CAFO NPDES permit holder prior to the effective date of this rule. The form shall indicate the current status of the permit holder and provide the date by which the permit holder must submit information to the department as to whether the permit holder is transitioning to the state CFO program or maintaining a CAFO NPDES permit.

(d) Facilities that do not submit the notification by the date required on the transition form must submit the full application for CFO approval required under 327 IAC 19-7.

(e) Any facility that holds a CAFO NPDES general permit prior to the effective date of the repeal of the CAFO NPDES

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general permit rules must elect to either transition to the state CFO program or submit an application for an individual CAFO NPDES permit. (*Water Pollution Control Division; 327 IAC 15-16-13; filed Feb 6, 2012, 2:50 p.m.: 20120307-IR-327090213FRA, eff Jul 1, 2012*)

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**APPENDIX M: SWPPP CERTIFICATION CHECKLIST**





**RULE 6 STORM WATER POLLUTION PREVENTION PLAN (SWP3) CERTIFICATION CHECKLIST**

State Form 51287 (R5 / 1-09)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**For questions regarding this form, contact:**  
IDEM – Rule 6 Coordinator  
100 North Senate Avenue, Rm 1255  
Mail Code 85-42  
Indianapolis, IN 46204  
Phone: (317) 233-0202 or  
(800) 451-6027, ext. 30202 (within Indiana)  
Web Access:  
<http://www.in.gov/idem/4901.htm>

- NOTE:**
- This form must be used, completed, and submitted within one (1) year after an NOI letter is received by IDEM for permit coverage under a general NPDES permit pursuant to 327 IAC 15-6.
  - Return this form by mail to the IDEM Rule 6 Coordinator at the address listed in the box on the upper-right.

PART A: GENERAL INFORMATION FOR FACILITY		
1. Facility name		
2. Facility general NPDES Industrial Storm Water Permit Number		INR-
Number and street		
3. Facility location address		
City	ZIP code	County

PART B: RULE 6 CHECKLIST		
▶ Please check the appropriate box when the requirements for each numbered item have been met, or check NA if an item is "not applicable." For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.		
✓	NA	ITEM
<input type="checkbox"/>		1. Plan identifies individuals and their corresponding responsibilities for the facility Storm Water Pollution Prevention Team
<input type="checkbox"/>		2. Plan contains a copy of the complete NOI letter, which contains:
<input type="checkbox"/>		i) Facility contact information
<input type="checkbox"/>		ii) SIC Code(s)
<input type="checkbox"/>		iii) Facility longitude and latitude
<input type="checkbox"/>		iv) Receiving water(s)
<input type="checkbox"/>	<input type="checkbox"/>	v) The identification of past and present NPDES permits
<input type="checkbox"/>	<input type="checkbox"/>	vi) The identification of the MS4 receiving the storm water discharge(s)
<input type="checkbox"/>		vii) Narrative description of industrial processes at facility
<input type="checkbox"/>	<input type="checkbox"/>	viii) Responsible individual contact information
<input type="checkbox"/>		ix) Registered Agent contact information
<input type="checkbox"/>		x) Outfall description, which identifies substantially similar outfall discharges and monitoring points
<input type="checkbox"/>		xi) Proof of publication
<input type="checkbox"/>	<input type="checkbox"/>	3. Plan contains a soils map, which indicates the types of soils found on the facility property. The boundaries of the facility property have been outlined, in a contrasting color. If a facility's property only has impervious surfaces, the soils map requirement can be omitted.
<input type="checkbox"/>		4. Graphical representation which indicates <sup>1</sup> :
<input type="checkbox"/>		i) On-site drainage and discharge conveyances
<input type="checkbox"/>		ii) Adjacent property drainage and discharge conveyances
<input type="checkbox"/>	<input type="checkbox"/>	iii) On-site and adjacent property water bodies
<input type="checkbox"/>		iv) Outline of the drainage area for each storm water outfall
<input type="checkbox"/>		v) Outline of the facility property indicating directional flows of surface drainage patterns
<input type="checkbox"/>		vi) Outline of the impervious surfaces, with estimate of impervious and pervious surfaces square footage for each drainage area
<input type="checkbox"/>	<input type="checkbox"/>	vii) On-site injection wells
<input type="checkbox"/>	<input type="checkbox"/>	viii) On-site wells used as potable water sources
<input type="checkbox"/>	<input type="checkbox"/>	ix) Existing structural control measures
<input type="checkbox"/>	<input type="checkbox"/>	x) Existing and/or historical underground and aboveground storage tank locations <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xi) Permanently designated plowed and/or dumped snow storage locations <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xii) Loading and unloading areas for solid and/or liquid bulk materials <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xiii) Existing and/or historical outdoor storage areas for raw materials, intermediary products, final products, or waste materials <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xiv) Existing and/or historical outdoor storage areas for fuels, processing equipment, and other containerized materials <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xv) Outdoor processing areas <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xvi) Dust or particulate generating process areas <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xvii) Outdoor waste storage and/or disposal areas <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xviii) Pesticide and/or herbicide application areas <sup>2</sup>
<input type="checkbox"/>	<input type="checkbox"/>	xix) Vehicular access roads <sup>2</sup>
<input type="checkbox"/>		5. Area map which indicates:
<input type="checkbox"/>		i) Topographic relief or similar elevations
<input type="checkbox"/>		ii) Facility outlined in contrasting color
<input type="checkbox"/>		iii) Receiving water(s)
<input type="checkbox"/>	<input type="checkbox"/>	iv) Drinking water wells within a ¼-mile radius

(Continued on page 2)

<sup>1</sup> The on-site mapping of items listed in (x) through (xix) is required only in those areas that generate storm water discharges exposed to industrial activity and have a reasonable potential for storm water exposure to pollutants.

<sup>2</sup> The mapping of historical locations is only required if the historical locations have a reasonable potential for storm water exposure to historical pollutants.

**PART B: RULE 6 CHECKLIST**

► Please check the appropriate box when the requirements for each numbered item have been met, or check NA if an item is "not applicable." For some of the numbered items, the requirements must be met and "not applicable" is not provided as an option.

✓	NA	ITEM
<input type="checkbox"/>		<b>6. Plan contains a narrative description of potential pollutant source areas<sup>3</sup></b>
<input type="checkbox"/>		a) Descriptions have been created for all existing and/or historical areas identified as being a potential source of storm water exposure to pollutants.
<input type="checkbox"/>		b) The descriptions for EACH area includes:
<input type="checkbox"/>		i) Type and typical quantity of materials present in the area
<input type="checkbox"/>		ii) Methods of storage, including presence of any secondary containment measures
<input type="checkbox"/>	<input type="checkbox"/>	iii) Remedial actions undertaken in the area to eliminate pollutant sources or exposure of storm water to those sources
<input type="checkbox"/>	<input type="checkbox"/>	iv) Spill or leak history in the area <sup>3</sup>
<input type="checkbox"/>	<input type="checkbox"/>	(1) Date and type of material released
<input type="checkbox"/>	<input type="checkbox"/>	(2) Estimated volume released
<input type="checkbox"/>	<input type="checkbox"/>	(3) Description of remedial actions undertaken
<input type="checkbox"/>		c) Where the chemical or material can be exposed to storm water, area contains a risk identification analysis of chemicals or materials stored or used within the area, which includes:
<input type="checkbox"/>		i) Toxicity data of chemicals and/or materials used within the area, referencing appropriate MSDS locations
<input type="checkbox"/>		ii) Frequency and typical quantity of chemicals and/or materials stored in the area
<input type="checkbox"/>		iii) Potential ways storm water discharges may be exposed to chemicals and/or materials
<input type="checkbox"/>		iv) Likelihood of the chemicals and/or materials to come into contact with storm water
<input type="checkbox"/>		<b>7. Plan contains a narrative description of existing and planned management practices and measures to improve the quality of, or eliminate, storm water run-off leaving the facility property</b>
<input type="checkbox"/>	<input type="checkbox"/>	a) Descriptions have been created for all existing and/or historical areas identified as being a potential source of storm water exposure to pollutants, including those areas listed in the graphical representation required by the SWP3.
<input type="checkbox"/>		The description includes:
<input type="checkbox"/>	<input type="checkbox"/>	i) Existing and planned structural and nonstructural control practices and measures for EACH area
<input type="checkbox"/>	<input type="checkbox"/>	ii) Any treatment the storm water receives prior to leaving the facility property or entering a water of the state
<input type="checkbox"/>	<input type="checkbox"/>	iii) Ultimate disposal of any solid or fluid wastes collected in structural control measures
<input type="checkbox"/>	<input type="checkbox"/>	b) Specific control practices and measures are utilized, and include:
<input type="checkbox"/>	<input type="checkbox"/>	i) Identification of areas which have a high potential for significant soil erosion, including implementation of erosion control measures
<input type="checkbox"/>	<input type="checkbox"/>	ii) Plan created to reduce exposure of storm water to storage piles of sand, salt, or other commercial/industrial materials
<input type="checkbox"/>	<input type="checkbox"/>	iii) Storage piles of sand, salt, or other commercial/industrial materials are stored in a manner to reduce the potential for polluted storm water run-off
<input type="checkbox"/>		c) The facility has a written preventative maintenance program
<input type="checkbox"/>	<input type="checkbox"/>	i) Implementation of good housekeeping practices to reduce the potential for storm water contact with pollutants
<input type="checkbox"/>	<input type="checkbox"/>	ii) Documentation of storm water control measure maintenance
<input type="checkbox"/>	<input type="checkbox"/>	iii) Documentation of the inspection and testing of facility equipment and systems that have potential exposure to storm water
<input type="checkbox"/>		iv) Documentation of quarterly storm water control measure inspections
<input type="checkbox"/>		v) Documentation of quarterly storm water run-off conveyances inspections
<input type="checkbox"/>		vi) Documentation of annual training for all employees that have the potential to engage in industrial activities that impact storm water quality
<input type="checkbox"/>	<input type="checkbox"/>	d) The facility has a written spill response program
<input type="checkbox"/>	<input type="checkbox"/>	i) Location, description, and quantity of all response materials and equipment
<input type="checkbox"/>	<input type="checkbox"/>	ii) Response procedures for facility personnel
<input type="checkbox"/>	<input type="checkbox"/>	iii) Contact information for reporting spills, both for facility staff and external emergency response entities
<input type="checkbox"/>		e) The facility has a written nonstorm water assessment program
<input type="checkbox"/>	<input type="checkbox"/>	i) Certification letter stating that storm water discharges from the facility property or entering a water of the state have been evaluated for the presence of illicit discharges and non-storm water contributions
<input type="checkbox"/>	<input type="checkbox"/>	ii) Detergent or solvent-based washing of equipment or vehicles that would allow washwater additives to enter any storm drainage system or receiving water shall not be allowed at the facility, and the corrective action is documented in the written nonstorm water assessment program
<input type="checkbox"/>	<input type="checkbox"/>	iii) Maintenance area floor drains with the potential for maintenance fluids or other materials to enter storm sewers are sealed, connected to a sanitary sewer with prior authorization, or the discharge is permitted under an appropriate NPDES wastewater permit, and the corrective action is documented in the written nonstorm water assessment program
<input type="checkbox"/>	<input type="checkbox"/>	iv) For conducting the nonstorm water assessment, a description of the method used, the date of any testing, and the on-site drainage points that were directly observed during a test
<input type="checkbox"/>		<b>8. Plan contains the analytical results of run-off monitoring</b>
<input type="checkbox"/>	<input type="checkbox"/>	a) Monitoring data includes field data sheets, chain-of-custody forms, and laboratory results
<input type="checkbox"/>	<input type="checkbox"/>	b) Comparison created after the results of two sample monitoring events is available
<input type="checkbox"/>	<input type="checkbox"/>	i) Pollutant investigated when reductions are not indicated in the comparison, where appropriate
<input type="checkbox"/>	<input type="checkbox"/>	ii) Practices and/or measures implemented as a result of the investigation are documented
<input type="checkbox"/>	<input type="checkbox"/>	<b>9. If applicable, plan references other facility pertinent plans (e.g. Operations and Maintenance, Spill Prevention Control and Countermeasures, or Risk Contingency Plans)</b>
<input type="checkbox"/>		<b>10. Plan has been certified by a qualified professional</b>
<input type="checkbox"/>		<b>11. Plan is retained and available at the facility</b>
<input type="checkbox"/>		<b>12. Plan has been completed and implemented 365 days after submission of a timely-submitted NOI letter, or prior to initiation of operations at the facility</b>

<sup>3</sup> Spill or leak history shall date back for a period of three (3) years from the date of the NOI letter, in the identified area, for materials spilled outside of secondary containment structures and impervious surfaces in excess of their reportable quantity. In subsequent permit terms, the history shall date back for a period of five (5) years from the date of the NOI letter.

**PART C: GENERAL INFORMATION REGARDING THE SWP3**

- The SWP3 must be reviewed periodically for changes and improvements at the facility. As a minimum, this review should be conducted annually.
  - The dates of all SWP3 reviews should be documented in the SWP3.
  - As changes and improvements to the original SWP3 are made, the SWP3 must be updated, and retained and available at the facility.
- The SWP3 checklist shall be completed and submitted to IDEM:
  - Within 365 days after submission of an initial, renewal, or amended NOI letter; or
  - Upon the written or verbal request of an IDEM representative.

**PART D: CERTIFICATION AND SIGNATURE**

- Make sure you have completed all appropriate sections of this SWP3 checklist. Sign and date the bottom of this form and return it to the address shown on page one (1) of this SWP3 checklist.
- All information requested in this SWP3 checklist is MANDATORY, unless noted otherwise, for the administration and processing of your permit pursuant to 327 IAC 15-6. All data received will be regarded as a public record.

► The person referenced in PART A, Item #10 of this form (Qualified Professional) must sign the following certification statement:

*"By signing this SWP3 checklist, I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Type or print Qualified Professional Name: \_\_\_\_\_

Signature of Qualified Professional: \_\_\_\_\_

Date: \_\_\_\_\_ (mm/dd/year)

Type or print Responsible Individual Name: \_\_\_\_\_

Signature of Responsible Individual: \_\_\_\_\_

Date: \_\_\_\_\_ (mm/dd/year)

**APPENDIX N: DISCHARGE MONITORING REPORT (DMR) FORM**



**RULE 6 INDUSTRIAL STORM WATER  
GENERAL PERMIT – STORM WATER  
DISCHARGE MONITORING REPORT**  
State Form 53590 (R /12-09)

**INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**  
Rule 6 Coordinator  
100 North Senate Avenue,  
Mail Code 65-42, Room 1255  
Indianapolis, IN 46204-2251  
Telephone (317) 233-0202  
Toll free (800) 451-6027 (within Indiana), ext. 30202  
[www.idem.IN.gov](http://www.idem.IN.gov)

Web Access: [www.IN.gov/idem/4901.htm](http://www.IN.gov/idem/4901.htm)

**MONITORING REQUIREMENTS**

- **YEAR ONE (1)** - 327 IAC 15-6-7.3 This form must be submitted within one (1) year of the original or renewal NOI letter submittal and prior to implementation of the "Storm Water Pollution Prevention Plan." A permitted facility shall sample and analyze the discharge from the outfall(s) identified in the approved NOI letter.
- **YEARS TWO (2) through Five (5)** - Subsequent annual sampling data shall be provided no later than three hundred sixty-five (365) days from submittal of the previous report in years Two (2) through Five (5).
- There should be a minimum of at least three (3) months between reported sampling events.
- Samples shall be taken from a storm event. Run-off resulting from snow or ice melt should not be used to meet the annual monitoring requirements.
- Attachments – Submit a complete copy of the laboratory report, including chain-of-custody.
- Please submit this form and attachments to IDEM at the address in the box in the upper right hand corner of this form within thirty (30) days after laboratory analyses have been completed.

**PART A: PERMIT INFORMATION**

1. Facility permit number		2. Facility name			
3. Facility address (number and street)					
4. City		5. ZIP code	6. County		
7. Contact Person					
8. Contact telephone number ( ) -		9. E-mail address			

**PART B: GENERAL MONITORING SAMPLE INFORMATION**

10. Sample Year (permit year)	<input type="checkbox"/> Year 1	<input type="checkbox"/> Year 2	<input type="checkbox"/> Year 3	<input type="checkbox"/> Year 4	<input type="checkbox"/> Year 5
11. Laboratory completing the analysis					
12. Date laboratory analysis was completed (month, day, year)	/ /				
13. The laboratory report, including the Chain-of Custody has been attached to this submittal <input type="checkbox"/> Yes <input type="checkbox"/> No					

**PART C: FIELD SAMPLING DATA**

**Insert Field Data Sheet Information**

14. Person collecting sample					
15. Outfall(s) sampled					
16. Description of outfall					
17. Date of sample collection (month, day, year)	___/___/___				
18. Start of discharge (date and time)	___/___/___ :___				
19. Duration of storm event	___ hours				
20. Total rainfall (in inches)	___ inches				
21. Number of hours between the start of storm measured and end of the previous measurable storm event:	___ hours				

**PART D: MONITORING RESULTS**

Parameters	Field pH	O & G (mg/L)	CBOD5 (mg/L)	COD (mg/L)	TSS (mg/L)	TKN (mg/L)	Phosphorous, Total (mg/L)	Nitrate-Nitrite Nitrogen (mg/L)
<b>22. Outfall</b>					23. Time sample was collected			
24. Results								
<b>25. Outfall</b>					26. Time sample was collected			
27. Results								
<b>28. Outfall</b>					29. Time sample was collected			
30. Results								
<b>31. Outfall</b>					32. Time sample was collected			
33. Results								
<b>34. Outfall</b>					35. Time sample was collected			
36. Results								
37. Are there any additional results or pollutants sampled for, not listed above, and included in the laboratory analysis report?						<input type="checkbox"/> Yes, additional pollutants were sampled and are included in the laboratory report. <input type="checkbox"/> No, additional pollutants were not sampled for.		

**PART E: CERTIFICATION STATEMENT**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of responsible corporate officer or duly authorized representative under 327 IAC 15-4-3(g).

Signature \_\_\_\_\_ Date (month, day, year) \_\_\_\_\_

## APPENDIX A: SUPPLEMENTARY INFORMATION

### Monitoring requirements

Each discharge outfall as listed on your approved Notice of Intent form, composed entirely of storm water and allowable non-storm water run-off, shall be monitored annually. Within one (1) year of the original or renewal NOI letter submittal and prior to implementation of the Storm Water Pollution Prevention Plan (SWP3), a permitted facility shall sample and analyze the discharge from the outfall(s) identified in the approved NOI letter. The monitoring data taken from this first year event shall be used by the permitted facility as an aid in developing and implementing the SWP3. Subsequent annual sampling data shall be used to verify the effectiveness of the SWP3 and will aid your facility with revising the SWP3 and implementation of additional Best Management Practices.

Each discharge outfall shall be monitored for any pollutant attributable to your facility's industrial activity that is reasonably expected to be present in the discharge.

Run-off events resulting from snow or ice melt should not be sampled and shall not be used to meet the minimum annual monitoring requirements.

All grab samples must be collected from a discharge resulting from a measurable storm event at least seventy-two (72) hours from the previous measurable storm event. Keep record and documentation of weather conditions.

Measurable storm event means a precipitation event which results in a total measured precipitation accumulation equal to, or greater than, one-tenth (0.1) inch.

### Reporting requirements

Permitted facilities are required to submit a storm water monitoring report and the required attachments annually. Sampling data results shall be submitted to IDEM within thirty (30) days after laboratory analyses have been completed. There shall be a minimum of three (3) months between reported sampling events. The analytical techniques and results of all required analyses and measurements shall be submitted in concurrence with this form, including a chain-of-custody.

If a permitted facility monitors a pollutant more frequently than annually, the results of such monitoring must be reported as additional information in the annual report, such increased frequency must also be indicated in the report.

### Part A. Permit information

1. Enter the facility's permit identification number as assigned by IDEM. If you do not know the permit identification number, you can find it on the Notice of Sufficiency (NOS) Letter from IDEM responding to your most recent Notice of Intent (NOI) application.
- 2-6. Enter the permitted Facility's name, street address, city, county, and ZIP code.
- 7-9. Enter the contact person's name, telephone number and e-mail address.

### Part B. General monitoring sample Information

10. Enter the sample year, or year in which this report is satisfying the annual monitoring report requirements. For example, if the facility is conducting their first sample, then their sample year is Year one.
11. Enter the laboratory name your facility chose to conduct the analyses of the collected storm water sample.
12. Enter the date the laboratory completed the analyses.
13. Check the yes or no box. By checking the Yes box, you are certifying that the laboratory report and chain-of-custody has been attached. The laboratory report must be attached to satisfy your annual sampling requirements.

### Part C. Field sampling data

14. Enter the name of the person collecting the storm water discharge sample.
15. Enter the name of the outfall(s) sampled during this storm event. Outfall(s) shall be listed by name, as they were on your NOI Letter. Annual storm water samples shall be collected during the same measurable storm event.
16. Describe the type of sampled outfall(s). A storm water outfall conveys storm water and was previously defined in you NOI Letter. A type may be described as a pipe, channel, seepage point, grass swale, any ditches, etc.

17. Enter the date the storm water discharge sample was collected.
18. Enter the start time, or the time of the start of the discharge.
19. Enter the duration in hours of the storm event sampled.
20. Enter the total accumulated rainfall amount for the sampled storm event. This information may be obtained from an on-site rain gauge or by accessing the National Oceanic Atmospheric Administration (NOAA) Web site at <http://www.noaa.gov/>.
21. Enter the amount of time, in hours, from the end of the last measurable storm event to the start of the storm event being sampled. Measurable storm event means a precipitation event which results in a total measured precipitation accumulation equal to or greater than, one-tenth (0.1) inch.

#### **Part D: Monitoring results**

Permitted facilities are required to sample for the following eight parameters:

Field pH, O & G – Oil and Grease, CBOD5 – Carbonaceous biochemical oxygen demand, COD – Chemical oxygen demand, TSS – Total suspended solids, TKN – Total Kjeldahl nitrogen, Total Phosphorous, Nitrate plus nitrite nitrogen, pH (measurement shall be obtained in the field)

Analytical and sampling methods used must meet the requirements of 327 IAC 5-2-13(d)(1) and 327 IAC 5-2-13(d)(2).

- 22- 36. Enter the outfall and enter the exact time the storm water discharge sample was collected at each outfall. Then enter the laboratory results of the required parameters in the coinciding results column. The pH measurement must be taken at the time the grab sample is collected and by using a pH meter that has been properly calibrated according to manufacturer's specifications and provides results displayed in numeric units. A color comparison analysis for pH is not acceptable. Any additional parameters sampled for should be included in the annual report comparison table, as well as on the attached laboratory report. If storm water is sampled more frequently than required, the results of such monitoring must be reported as additional information in the annual report.
37. Check the box which most appropriately matches your site. Check Yes if your facility submitted sampling results for additional pollutants, which may be present.



APPENDIX O: STORMWATER ANNUAL REPORT FORM



**RULE 6 INDUSTRIAL STORM WATER GENERAL PERMIT - ANNUAL REPORT**

State Form 54185 (12- 09)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

- This form must contain information obtained during the previous year of regulation and, for the first submittal, be submitted no later than three hundred sixty-five (365) days from the initial NOI submittal date or the expiration date of the previous five (5) year permit term.
- Subsequent annual report submittals shall be provided no later than three hundred sixty-five (365) days from the previous report in years two (2) through five (5).

**For questions regarding this form, contact:**

IDEM – Rule 6 Coordinator  
 100 North Senate Avenue, Room 1255  
 Mail Code 65-42  
 Indianapolis, IN 46204

Phone: (317) 233-0202 or  
 (800) 451-6027, ext. 30202 (within Indiana)

Web Access:  
[www.idem.IN.gov/4901.htm](http://www.idem.IN.gov/4901.htm)

**PART A: GENERAL PERMIT INFORMATION**

1. Facility name		2. Facility Permit Number	
3. Facility address			
4. City		5. County	6. ZIP code
7. Facility contact person			
8. Facility contact phone		9. E-mail	

**PART B: GENERAL ANNUAL REPORT INFORMATION**

10. Were there any changes to the original Notice of Intent letter? <b>If yes, have these changes been:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. Made to the on-site Storm Water Pollution Prevention Plan (SWP3)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
12. Submitted to the Department in an amended Notice of Intent Form?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
13. Were there any changes to the facility?	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. If yes to question 13, have these changes been included in an amended SWP3?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
15. Were there any changes to the facility operations?	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. Were there any additional potential source pollutants?	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. Were there any changes to the facility's industrial activities?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. If yes to questions 15, 16, or 17 was the SWP3 updated to reflect the facility's changes?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
19. Is there a comparison of sampling data results included in the SWP3 or a reference in the SWP3 to the on-site location where the information is stored? Please include this information in Part D below.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. Were there any additional Best Management Practices implemented or corrective measures taken, as a result of sampling data analysis?	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. If yes to question 20, please list any measures or additional practices implemented	
22. Are good housekeeping practices inspected regularly?	<input type="checkbox"/> Yes <input type="checkbox"/> No

**PART C: QUARTERLY VISUAL INSPECTIONS**

23. Quarterly visual inspections of each storm water management measures and storm water run-off conveyances are required. Below, please list the location of the quarterly inspection (for example outfall number) and the date each outfall was inspected in the previous permit year. If you have more than five (5) locations/outfalls, please include that information in an attachment.

Location of Quarterly Inspection:	Date of Quarterly Inspection			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4

### PART D: COMPARISON TABLE OF SAMPLING RESULTS

24. A comparison of all sampling data results should be submitted in the box below. Any additional parameter analyzed should be included in the comparison. Write the constituent name in the extra blank boxes below the required eight parameters. Any additional comments can be included in the comments box.

PARAMETER	YEAR 1 RESULT	YEAR 2 RESULT	YEAR 3 RESULT	YEAR 4 RESULT	YEAR 5 RESULT
Oil and Grease (mg/l)					
CBOD5 (mg/l)					
COD (mg/l)					
TSS (mg/l)					
TKN (mg/l)					
Total Phosphorus (mg/l)					
pH					
Nitrate-Nitrite Nitrogen (mg/l)					

Additional Comments

### PART E: CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of responsible corporate officer or duly authorized representative under 327 IAC 15-4-3(g)

Print Name \_\_\_\_\_ Title \_\_\_\_\_

Signature \_\_\_\_\_ Date (month, day, year) \_\_\_\_\_

## Appendix A: Supplementary Information

### Reporting Requirements

#### Part A: General Permit Information

1. Enter the facility's permit identification number as assigned by IDEM. If you do not know the permit identification number, you can find it on the Notice of Sufficiency (NOS) Letter from IDEM responding to your most recent Notice of Intent (NOI) application.
- 2-6. Enter the permitted facility's name, street address, city, county, and ZIP code.
- 7-9. Enter the contact person's name, phone number and email address.

#### Part B: General Annual Report Information

Information in this section must be completed. Answer yes or no to questions 10 through 22. For those questions that may not be appropriate to your facility, an option of not applicable (N/A) is available.

- 10-12. Changes include, but may not be limited to, any information that is included in the permitted facility's current Notice of Intent form submitted to IDEM, pursuant to 327 15-3, and additional information listed under 327 IAC 15-6-5.
- 13-18. Changes to the facility, facility operations, and facility industrial activity include any changes to the design, construction, operation, or maintenance which may have significant effect on the potential for the discharge of pollutants to surface waters of the state.
19. As required under section 7(b)(9) of Rule 6, the results of the monitoring data must include completed field data sheets, laboratory results, and chain-of-custody forms contained within the storm water plan (SWP3).
- 20-21. A description of existing and planned management practices and measures to improve the quality of storm water run-off entering a water of the state must be included in your facility's SWP3.
22. Good housekeeping means maintaining a clean work environment to reduce or eliminate the potential mobilization of pollutants by storm water.

#### Part C: Quarterly Visual Inspection

23. Permitted facilities must conduct quarterly visual inspections during non-sampled storm events. Inspections must be documented and either contained in or have the on-site record keeping location referenced in the SWP3. Inspections should be of the storm water management measures and storm water run-off conveyances, including the outfall(s) to ensure the SWP3 is effective in reducing or eliminating pollutants in the storm water discharges.

#### Part D: Comparison of Sampling Data

The storm water annual report requires a comparison of all sampling data results, as provided on the laboratory reports. As two (2) or more sample monitoring events are completed, the laboratory results must be compared to indicate water quality improvements in the run-off from the facility.

24. Complete the table provided in Part D. The information within the table must be included with the Annual Report submittal in Years 2 through 5 of permit coverage. The first year of permit coverage is considered to be 365 days from the submittal of the facility's Notice of Intent.

If the parameters and sample type are identical, historical storm water monitoring data at each discharge outfall identified in your facility's Notice of Intent (NOI) Letter, or representative discharge outfall identified in your facility's NOI Letter, can be used in the comparison to provide data that is more reflective of initial water quality conditions.

## APPENDIX P: MONITORING BENCHMARKS



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
*We Protect Hoosiers and Our Environment.*

**Office of Water Quality**  
**Surface Water, Operations and Enforcement Branch**  
**Wetlands and Storm Water Section**

## **Industrial Storm Water Permits - Monitoring Benchmarks**

The state General Permit for Industrial Storm Water requires monitoring of each outfall composed entirely of storm water and allowable non-storm water run-off. The outfalls must be sampled for the following parameters:

- Oil and grease mg/l grab Annual
- CBOD5 (Carbonaceous biochemical oxygen demand) mg/l grab Annual
- COD (Chemical oxygen demand) mg/l grab Annual
- TSS (Total suspended solids) mg/l grab Annual
- TKN (Total Kjeldahl nitrogen) mg/l grab Annual
- Total phosphorous mg/l grab Annual
- pH s.u. grab Annual
- Nitrate plus nitrite nitrogen mg/l grab Annual
- In addition, each outfall is required to be monitored for any pollutant attributable to a facility's industrial activity that can reasonably be expected to be present in the discharge.
- IDEM may also require sampling for any other pollutant(s) that has the potential to be present in a storm water discharge.

The Industrial Storm Water General Permit requires the monitoring data taken during the first year of the permit to be used by the permittee as an aid in developing and implementing the facility storm water pollution prevention plan (SWPPP). Subsequent annual sampling data is to be used to verify the effectiveness of the storm water pollution prevention plan and as an aid to revise the storm water pollution prevention plan (SWPPP) including, if necessary, the implementation of additional storm water quality measures.

The objective of the monitoring is to work towards continuous improvement at a facility; which focuses on operational changes and the implementation of additional storm water quality measures. However, the Industrial Storm Water General Permit is vague as it does not provide a clear objective or target for each parameter that is to be sampled. Consultants and facility operators often request clarification on this issue and ask the agency to identify acceptable discharge benchmarks that can be used to calibrate their monitoring and that will be an indicator when additional operational changes and/or storm water quality measures may be needed to address storm water run-off from the facility.

In an effort to provide guidance to the regulated community, the following resources have been identified:

- Multi-Sector General Permit, U.S. Environmental Protection Agency:
  - Provides guidance for the specific sector into which the facility falls. This document may be used to identify additional sampling parameters associated with a specific industry and other useful information in managing the operations at a facility. This document can be found at <http://cfpub.epa.gov/npdes/stormwater/msgp.cfm>
- Sampling Benchmarks:
  - The following three (3) pages of this document include "Benchmark Limits" as provided by the U.S. Environmental Protection Agency.

## Benchmark limits developed by EPA

The "benchmarks" are the pollutant concentrations above which EPA determined represent a level of concern. The level of concern is a concentration at which a storm water discharge could potentially impair, or contribute to impairing, water quality or affect human health from ingestion of water or fish. The "benchmarks" are also viewed by EPA as a level that, if below, a facility presents little potential for water quality concern. As such, the benchmarks also provide an appropriate level to determine whether a facility's storm water pollution prevention measures are successfully implemented. The benchmark concentrations are not effluent limitations and should not be interpreted or adopted as such. These values are merely levels which EPA has used to determine if storm water discharge from any given facility merits further monitoring to ensure that the facility has been successful in implementing SWPPP. As such, these levels represent a target concentration for a facility to achieve through implementation of pollution prevention measures at the facility. Table 3 lists the parameter benchmark values and the sources used for the benchmarks.

Table 3.--Parameter Benchmark Values

<u>Parameter Name</u>	<u>Benchmark Level</u>	<u>Source</u>
▪ Biochemical Oxygen Demand (5 day)	30 mg/L	4
▪ Chemical Oxygen Demand	120 mg/L	5
▪ Total Suspended Solids	100 mg/L	7
▪ Oil and Grease	15 mg/L	8
▪ Nitrate + Nitrite Nitrogen	0.68 mg/L	7
▪ Total Phosphorus	2.0 mg/L	6
▪ pH	6.0-9.0 s.u.	4
▪ Acrylonitrile (c)	7.55 mg/L	2
▪ Aluminum, Total (pH 6.5-9)	0.75 mg/L	1
▪ Ammonia	19 mg/L	1
▪ Antimony, Total	0.636 mg/L	9
▪ Arsenic, Total (c)	0.16854 mg/L	9
▪ Benzene	0.01 mg/L	10
▪ Beryllium, Total (c)	0.13 mg/L	2
▪ Butylbenzyl Phthalate	3 mg/L	3
▪ Cadmium, Total (H)	.0159 mg/L	9
▪ Chloride	860 mg/L	1
▪ Copper, Total (H)	0.0636 mg/L	9
▪ Cyanide, Total	0.0636 mg/l	9
▪ Dimethyl Phthalate	1.0 mg/L	11
▪ Ethylbenzene	3.1 mg/L	3
▪ Fluoranthene	0.042 mg/L	3
▪ Fluoride	1.8 mg/L	6
▪ Iron, Total	1.0 mg/L	12
▪ Lead, Total (H)	0.0816 mg/L	1
▪ Magnesium, Total	0.0636 mg/l	9
▪ Manganese	1.0 mg/L	13
▪ Mercury, Total	0.0024 mg/L	1
▪ Nickel, Total (H)	1.417 mg/L	1

<u>Parameter Name</u>	<u>Benchmark Level</u>	<u>Source</u>
▪ PCB-1016 (c)	0.000127 mg/L	9
▪ PCB-1221 (c)	0.10 mg/L	10
▪ PCB-1232 (c)	0.000318 mg/L	9
▪ PCB-1242 (c)	0.00020 mg/L	10
▪ PCB-1248 (c)	0.002544 mg/L	9
▪ PCB-1254 (c)	0.10 mg/L	10
▪ PCB-1260 (c)	0.000477 mg/L	9
▪ Phenols, Total	1.0 mg/L	11
▪ Pyrene (PAH,c)	0.01 mg/L	10
▪ Selenium, Total (*)	0.2385 mg/L	9
▪ Silver, Total (H)	0.0318 mg/L	9
▪ Toluene	10.0 mg/L	3
▪ Trichloroethylene (c)	0.0027 mg/L	3
▪ Zinc, Total (H)	0.117 mg/L	1

**Sources:**

1. ``EPA Recommended Ambient Water Quality Criteria." Acute Aquatic Life Freshwater.
2. ``EPA Recommended Ambient Water Quality Criteria." LOEL Acute Freshwater.
3. ``EPA Recommended Ambient Water Quality Criteria." Human Health Criteria for Consumption of Water and Organisms.
4. Secondary Treatment Regulations (40 CFR 133).
5. Factor of 4 times BOD5 concentration--North Carolina benchmark.
6. North Carolina storm water benchmark derived from NC Water Quality Standards.
7. National Urban Runoff Program (NURP) median concentration.
8. Median concentration of Storm Water Effluent Limitation Guideline (40 CFR Part 419).
9. Minimum Level (ML) based upon highest Method Detection Limit (MDL) times a factor of 3.18.
10. Laboratory derived Minimum Level (ML).
11. Discharge limitations and compliance data.
12. ``EPA Recommended Ambient Water Quality Criteria." Chronic Aquatic Life Freshwater.
13. Colorado--Chronic Aquatic Life Freshwater--Water Quality Criteria.

**Notes:**

- (\*) Limit established for oil and gas exploration and production facilities only.  
(c) carcinogen  
(H) hardness dependent  
(PAH) Polynuclear Aromatic Hydrocarbon

**Assumptions:**

- Receiving water temperature -20 C  
Receiving water pH -7.8  
Receiving water hardness CaCO3 100 mg/L  
Receiving water salinity 20 g/kg  
Acute to Chronic Ratio (ACR) -10



**APPENDIX Q: NON-STORMWATER ASSESSMENT AND CERTIFICATION**

<b>DATE OF TEST OR EVALUATION</b>	<b>OUTFALL(S) DIRECTLY OBSERVED DURING THE TEST (IDENTIFIED ON SITE MAP)</b>	<b>METHOD USED TO TEST OR EVALUATE DISCHARGE</b>	<b>DESCRIBE RESULTS FROM TEST FOR THE PRESENCE OF NON-STORMWATER DISCHARGE</b>	<b>IDENTIFY POTENTIAL SIGNIFICANT SOURCES</b>	<b>NAME OF PERSON WHO CONDUCTED THE TEST OR EVALUATION</b>
November 7, 2016	Outfall 002, Outfall 003, and Outfall 015 and all dry wells and drainage areas on the property	Visual Observation	Process wastewater generated at the facility is collected in a tank; sheet runoff and discharge to storm drain is composed of storm water only.	None	* Drew McClay * Bob Cappiello **Luke Ricke
December 16, 2021	Outfall 002, Outfall 003, and Outfall 015 and all dry wells and drainage areas on the property	Visual Observation	Process wastewater generated at the facility is collected in a tank; sheet runoff and discharge to storm drain is composed of storm water only.	None	* Kevin Vinson **Luke Ricke

\*Cornerstone EHS Representative      \*\*Sonoco Representative

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<b>A. Name and Official Title</b>		<b>B. Office Phone #</b>	
<b>C. Signature</b>		<b>D. Date Signed</b>	

## APPENDIX R: COMPLETED MISC. STORMWATER RECORDS

1. Records of Preventative Maintenance
2. Maintenance and Repair of Control Measures
3. Descriptions of any Deviations from Monitoring
4. Description of any Corrective Actions taken

**APPENDIX S: MANAGEMENT APPROVAL**

**Sonoco Flexible Packaging  
6502 South U.S Highway 31  
Edinburgh, Indiana 46124**

"I hereby certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information contained within is, to the best of my knowledge and belief, true, accurate, and complete."

---

Signature of Company Representative

---

Printed Name

---

Title

---

Date Signed

**APPENDIX T: QUALIFIED PROFESSIONAL CERTIFICATION**

**Sonoco Flexible Packaging  
6502 South U.S Highway 31  
Edinburgh, Indiana 46124**

I hereby certify that this Plan has been prepared in accordance with regulations as set forth in Indiana Administrative Code Title 327, Article 15, Rule 6, using information gathered during a facility walk-through and from interviews with facility personnel.

*Kevin Vinson*

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Signature of Qualified Professional

Kevin Vinson

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Printed Name

Environmental Specialist

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Title

1/21/2022

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Date Signed

## APPENDIX U: REVISION LOG

REVISION NUMBER	DATE	REVISIONS MADE
1.0	December 2016	No revisions – original document
2.0	January 2022	New template. Removed propane tank from plan.