



**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

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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)	☐ Year 1	☐ Year 2	☐ Year 3	☐ Year 4	☐ 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 ☐ Yes ☐ 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)
22. Outfall					23. Time sample was collected			
24. Results								
25. Outfall					26. Time sample was collected			
27. Results								
28. Outfall					29. Time sample was collected			
30. Results								
31. Outfall					32. Time sample was collected			
33. Results								
34. Outfall					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?						☐ Yes, additional pollutants were sampled and are included in the laboratory report. ☐ 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.