



# **Stormwater Program Water Quality Characterization Report**

Indiana Department of Environmental Management  
Office of Water Quality  
Surface Water and Operations Branch  
Stormwater Section



# Dates What do They Mean

Title	Location	Date
Updating ordinances	4.1(i)(1)	730 days
Review and revise SWQMP	4.1(i)(2)	180 days
Identify 3 community wide issues	4.3(a)(2)	365 days
2 public meeting	4.3(a)(3)	Annually
Update web presents	4.3(c)	Annually
Update IDDE	4.4(b)	365 days
Update IDDE mapping	4.4(d)(2)	Annually
High priority area map	4.4(f)	365 days
Facility assessments	4.7(c)	365 days
Surface visual inspection	4.7(g)(3)	1825 days
Reoccurring issues	4.7(g)(4) (2)	3 times annually
New hires training	4.7(m)(2)(A)	60 days
Seasonal employees	4.7(m)(2)(B)	30 days
Identify applicable TMDL	5.1(d)(1)	365 days
TMDL and load reduction plan	5.1(c)(2)	730 days
Annual report		April 1 annually
Water Quality Characterization report		Updated annually in annual report

# WQCR

## 3.1 Water Quality Characterization Report

- (a) The water quality characterization report (WQCR) shall use the most current data available but may also consider additional data that describes the chemical, biological, and/or physical condition of the receiving waters of the MS4 jurisdictional area.
- (b) If monitoring is conducted as part of the characterization, the monitoring of receiving waters shall be either at, or in proximity to stormwater outfalls.



# The WQCR Must Include

1. An assessment of land use

# The WQCR Must Include

2. An inventory of MS4 owned/operated structural stormwater management measures that are operated for purpose of stormwater quality, stormwater management, and flood control, including an identification number, geographic coordinate, and structural condition.

## **The WQCR Must Include**

3. Identification of all receiving waters that receive discharges from outfalls within the MS4, including wetlands and lakes.



# The WQCR Must Include

4. Any 303d listed impaired waters or TMDLs for receiving waters need to be identified.

# The WQCR Must Include

5. Identification of known sensitive areas including, but not limited to public swimming areas, drinking water intakes, habitats associated with threatened or endangered species, and outstanding state and national resource waters.



# The WQCR Must Include

6. A review and summary of existing and available monitoring data of the MS4 receiving waters, including, as applicable, data that can be correlated from stream reach characterization and evaluation reports (SRCER).

# The WQCR Must Include

7. Identification of areas that have a reasonable potential for or are actually contributing to stormwater quality problems based on available land use and complaint information and relevant chemical, biological, and physical data.

# The WQCR Must Include

8. An evaluation of data collected to determine which areas or specific discharge points that may need to be considered for future planning and implementation of new stormwater measures or modification of existing measures. The highest priority should be given to sensitive areas and the prohibition of new or significantly increased MS4 discharges.

# What Does This All Mean

Look at ways to use this data and information to determine

1. How your MS4 discharges are impacting stream conditions.
2. If you cannot determine your impact on stream conditions what possible actions can you take.
3. Are there any positive changes in the stream impact that are a result of your activities as an MS4.

# Questions?

