

MS4 Monitoring Requirement Comparison

	Impaired waters monitoring	Baseline monitoring (IDDE)	Catchment Investigation Procedure (IDDE)
area covered	All outfalls to Stormwater impaired waters	Outfalls in priority areas (urbanized area, discharges to impaired waters or in basin where DCIA > 11%) that are categorized as either high or low priority catchments (see IDDE section of this website or appendix B of permit for more information)	Problem, High Priority and Low Priority catchments in the priority area. Those with at least one SVF to be investigated and screened.
type of sampling	wet weather	dry weather for initial baseline screening	dry weather manhole investigation wet weather screening at outfall for catchment with at least one SVF
pollutant(s) to screen for	The listed stormwater pollutant of concern (nitrogen, phosphorus, bacteria, or other pollutant of concern). Note that for waters impaired by 'other pollutant of concern' screen for turbidity.	Listed stormwater pollutants of concern (if any), PLUS: ammonia chlorine conductivity salinity <i>E. coli.</i> (freshwater) or enterococcus (saline or brackish receiving water) surfactants temperature	Dry wx: ammonia, chlorine, and surfactants Wet wx: listed impairment pollutant(s) (if any), PLUS ammonia chlorine conductivity salinity <i>E. coli.</i> (freshwater) or enterococcus (saline or brackish receiving water) surfactants temperature
follow-up	Conduct drainage area investigation that includes: land use/development patterns business or commercial activities industrial activities DCIA natural contributors potential MS4 maintenance issues residential activities any other potentially related activities implement appropriate control measures select 6 of the highest contributing outfalls for annual sampling	See the Catchment Investigation procedure column.	Within year of removal of all illicit discharges in a catchment, confirmatory screening shall be done within one year Further follow-up screening required within 5 years of successful confirmatory screening
deadlines	Screen all outfalls to impaired waters by end of permit term 6/30/22 (all MS4s) Begin annual monitoring of worst 6 outfalls once 50% of all outfalls have been screened by 6/30/20 (2004 MS4s) or 6/30/2021 (2017 MS4s)	baseline sampling: 6/30/20 (2004 MS4s) 6/30/22 (2017 MS4s)	Complete catchment investigation procedure in 80% of MS4 served by Problem catchments by 6/30/2020. Complete catchment investigation procedure in 100% of MS4 served by Problem catchments by 6/30/2022. Complete catchment investigation procedure in 100% of catchments with indications of sewer input (highest High Priority catchments by 6/30/2022. Complete catchment investigation procedure in 40% of area served by all MS4 catchments by 6/30/2022. Complete catchment investigation procedure in 100% of area served by all MS4 catchments by 6/30/2027.