

Sampling Guide for the Multi-Sector General Permit (MSGP) - TXR050000

Type of Sampling	Requirements of Sampling	Frequency	MSGP Sectors	Record Keeping & Reporting
Quarterly Visual Part III	<ul style="list-style-type: none"> ▪ collect a grab sample from each outfall location using a clean, clear, glass or plastic jar ▪ perform the visual examination immediately after collecting the sample (within 30 minutes of discharge) ▪ examine samples in a well-lit area ▪ document observations of floating, suspended and settled solids, color, clarity, foam, oil sheen, odor, and other obvious indicators of storm water pollution ▪ assess BMPs or processes for possible modification if examination reveals indicators of pollutants 	Quarterly, during normal operating hours within a time frame that ensures the sample is representative of the discharge	All	<ul style="list-style-type: none"> ▪ document findings and include in SWP3 ▪ modify BMPs and other controls as needed and revise SWP3 ▪ collect and examine discharges by a member of the pollution prevention team when possible to ensure consistency ▪ may establish substantially similar outfalls for quarterly visual monitoring per Part III D
Benchmark Part IV	<ul style="list-style-type: none"> ▪ obtain sampling kit from the laboratory (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample at an outfall that best represents the industrial activity conducted at the site according to approved procedures in 30 TAC §319.7 ▪ may establish substantially similar outfalls for benchmark monitoring per Part III D.2.(b) ▪ follow proper preservation techniques and ship sample to testing laboratory for analysis using approved methods ▪ review analysis results (laboratory report) and compare to benchmark values listed in Table 3 found in Part IV ▪ assess BMPs or processes for possible modification if any benchmark parameter value is exceeded 	Semiannually (Jan–Jun & Jul–Dec)	A, B, C, D, E, F, G, H, J, K, L, M, N, O, Q, S, T, U, Y, AA, AD	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on Benchmark Summary form (TCEQ-20091) and include in the SWP3 ▪ submit Benchmark Summary to TCEQ by March 31 of each year ▪ report values that are the average yearly analyses for each pollutant, rather than on an outfall-by-outfall basis ▪ report results of data collected that year if sampling during any six-month period is not conducted due to adverse weather conditions, drought, etc. ▪ waive benchmark monitoring during years 3 and 4 if annual average sampling values for years 1 and 2 are all below benchmark levels
Numeric Effluent Limits (Hazardous Metals) Part III Unscheduled	<ul style="list-style-type: none"> ▪ obtain sampling kit from the laboratory (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample at the final outfall according to approved procedures in 30 TAC §319.7 ▪ may establish substantially similar outfalls for numeric effluent limits (hazardous metals) per Part III D.2.(b) ▪ follow proper preservation techniques and ship sample to testing laboratory for analysis using approved methods ▪ review analysis results and compare to hazardous metals numeric effluent limits listed in Table 1 in Part III C.1.(a) ▪ assess BMPs or processes for possible modification if any sampling parameter value is exceeded 	Annually before Dec. 31 of each year	All	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on a Discharge Monitoring Report (DMR) form (EPA-3320-1) and include in your SWP3 ▪ Effective December 21, 2016, submit DMRs to the TCEQ online using the NetDMR system by March 31 of each year if analyses indicate an exceedance of any constituent listed. Permittees that are issued an electronic reporting waiver should report per Part III E.6.(a)(1) ▪ report in writing to TCEQ regional office and Enforcement Division (MC-224) in Austin if the exceedance deviates from the effluent limit by more than 40% per Part III E.6.(b)(2) ▪ waive monitoring on a metal or outfall basis if criteria met and certified per Part III C
Sector Specific Numeric Effluent Limits Part V Scheduled	<ul style="list-style-type: none"> ▪ obtain sampling kit from the laboratory (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample, prior to combining with other flows, according to approved procedures in 30 TAC §319.7 ▪ follow proper preservation techniques and ship sample to testing laboratory for analysis using approved methods ▪ review analysis results and compare to sector specific numeric effluent limits listed in Part V ▪ assess BMPs or processes for possible modification if any sampling parameter value is exceeded 	Annually before Dec. 31 of each year	A, C (only SIC 2874), D, E, J, O (only facilities with coal pile runoff), S	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on a DMR (EPA-3320-1) and include in the SWP3 ▪ Effective December 21, 2016, submit DMRs to the TCEQ online using the NetDMR system by March 31 of each year. Permittees that are issued an electronic reporting waiver should report per Part III E.6.(a)(1) ▪ report in writing to the TCEQ regional office and Enforcement Division (MC-224) in Austin if the sample analysis deviates from the effluent limit by more than 40% per Part III E.6.(b)(2)
Impaired Waters and Pollutants of Concern Part II	<ul style="list-style-type: none"> ▪ same as Benchmark and Numeric Effluent Limits if discharging to an impaired water body per the current approved 303(d) list, prevent exposure of any pollutant of concern, document that POC is not generated by industrial activities or present in materials at the site, or obtain analytical evidence that POC is not discharged per Part II B.7.(b)(3) 	Annually, if applicable	All, if discharging to water body impaired for that POC	<ul style="list-style-type: none"> ▪ maintain all monitoring and analytical data ▪ if sampling indicates presence of POC at level that may contribute to impairment, monitor discharge per Part III B.4., implement pollutant reduction plan to eliminate the POC, and revise SWP3