

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, Section A,5,h	<ul style="list-style-type: none"> ▪ collect a grab sample from the outfall locations using a clean, clear, glass jar ▪ perform the examination immediately after collecting the sample (within 30 minutes) ▪ examine samples in a well-lit area ▪ document observations of floating, suspended and settled solids, color, clarity, foam, sheen, odor, and other obvious indicators of storm water pollution 	<p>Quarterly, during daylight hours and normal operating hours for the facility</p> <p>All examinations must be performed within a time frame that ensures the sample is representative of the discharge</p>	All	<ul style="list-style-type: none"> ▪ document findings and include in your SWP3 for review ▪ if the examination reveals indicators of pollutants, review the SWP3, BMPs, and other controls to determine if modifications are needed ▪ conduct collections and examination of discharges (where practicable) by the same person for the entire permit term to ensure consistency ▪ may establish substantially similar outfalls for quarterly visual monitoring in accordance with Part III, Section C of the MSGP
Benchmark Part IV	<ul style="list-style-type: none"> ▪ obtain sampling kit from the lab (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample according to approved procedures in 30 TAC §319.7 ▪ follow proper preservation techniques and ship to testing laboratory for analysis using approved methods ▪ receive and analyze results (compare to benchmark values listed in the MSGP) ▪ take note that any exceedance of the benchmark values will require an examination of the site BMPs by the Pollution Prevention Team 	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	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on a Benchmark Summary form (TCEQ-20091) and include in the SWP3 ▪ submit the Benchmark Summary form to the 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 ▪ may establish substantially similar outfalls for benchmark monitoring in accordance with Part III, Section C of the MSGP ▪ report results based on the data collected for that year if sampling during any six-month period is not conducted for a pollutant due to adverse weather conditions, drought, etc.
Numeric Effluent Limits (Hazardous Metals) Part III, Section D	<ul style="list-style-type: none"> ▪ obtain sampling kit from the lab (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample according to approved procedures in 30 TAC §319.7 ▪ follow proper preservation techniques and ship to testing laboratory for analysis using approved methods ▪ receive and analyze results (compare to numeric effluent limits listed in Part III, Section D of the MSGP) ▪ take note that any exceedance of the benchmark values will require an examination of the site BMPs by the Pollution Prevention Team 	Annually before Dec. 31 of each year	All	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on a DMR (EPA-3320-1) and include in your SWP3 ▪ submit the DMR to the TCEQ by March 31 of each year if analyses indicate the exceedance of any constituent listed ▪ report to the TCEQ in writing if the exceedance is greater than 40% in accordance with Part III, Section E,4 of the MSGP ▪ may establish substantially similar outfalls for numeric effluent limits (hazardous metals) in accordance with Part III, Section C of the MSGP
Sector Specific Effluent Limits Part V	<ul style="list-style-type: none"> ▪ obtain sampling kit from the lab (bottles, cooler for shipping, preservatives, etc.) ▪ collect grab sample according to approved procedures in 30 TAC §319.7 ▪ follow proper preservation techniques and ship to testing laboratory for analysis using approved methods ▪ receive and analyze results (compare to numeric effluent limits listed in Part V of the MSGP) ▪ take note that any exceedance of the benchmark values will require an examination of the site BMPs by the Pollution Prevention Team 	Annually before Dec. 31 of each year	A, C, D, E, J, O	<ul style="list-style-type: none"> ▪ record results of analyses for sampling on a DMR (EPA-33201-1) and included in the SWP3 ▪ submit results to the TCEQ before March 31 of each year ▪ report to the TCEQ in writing if the exceedance is greater than 40% in accordance with Part III, Section E,4 of the MSGP