



Storm Water Sampling and Analysis

*****Fact Sheet*****

Background:

Pursuant to the Federal Clean Water Act, most industries, construction sites, and municipalities in the United States are now required to obtain coverage under a National Pollutant Discharge Elimination System (NPDES) Permit for storm water runoff. The State Water Resources Control Board (SWRCB) issues these industrial and construction NPDES permits. These permits are issued under the California Water Code, to prevent pollution and protect the quality of surface and ground waters in California by regulating storm water discharge. Moore Twining Associates can help by providing sampling kits and laboratory analysis to meet your permit requirements.

- ***For what analytes should my storm water samples be tested?***
Dischargers are required to collect and analyze samples for pH, TSS, Specific Conductance, and either Oil and Grease or Total Organic Carbon. Depending on your industry, you may be required to analyze for toxic chemicals and other pollutants that are likely to be present in significant quantities at your site. It is very important to review which analyses you are required to have performed. These are stated in your NPDES permit and vary from business to business.
- ***When do I collect storm water samples?***
During the storm water season (October 1st – May 31st), dischargers are required to collect and analyze samples of storm water runoff from at least two storm events per year. Each storm event must be one that produces significant storm water discharge and is preceded by at least three working days of dry weather. The grab sample should be collected during the first 30 minutes of a storm event and should be sent to the laboratory for analysis as soon as possible.
- ***Is timing really important?***
Timing is very important because many analyses have short holding times and must be analyzed as soon as possible. It is essential that samples be maintained at a cold temperature and brought in or shipped over night to Moore Twining as soon as possible.
- ***How can Moore Twining help me with my storm water testing?***
Moore Twining will be glad to answer any questions you may have regarding storm water sampling or other analytical needs. We are also pleased to provide our customers with complete sampling kits for storm water testing. These kits include pre-preserved sample containers, chain-of-custody documents, shipping labels, and sampling instructions.

Have more questions? Ask our Client Services Department at (800) 268-7021 OR order your storm water sampling kits today!