



NEVADA DIVISION OF **ENVIRONMENTAL PROTECTION**

Multi-Sector General Permit (Industrial Stormwater General Permit) Inspection and Sampling Requirements for Sector C (Chemical and Allied Products Manufacturing and Refining Facilities)

Each calendar year, Permittees must perform four quarterly routine inspections and four quarterly visual assessments.

Quarterly routine facility inspection

Each quarter you must conduct and document an inspection of all the areas of your facility where industrial materials or activities are exposed to stormwater. You can find a sample Routine Facility Inspection report on the NDEP Multi-Sector General Permit (MSGP) website. One of the quarterly routine site inspections must occur when water is discharging from the site (a storm event routine inspection). If one is not completed when water is discharging from the site, document the reason in your Stormwater Pollution Prevention Plan (SWPPP). More information can be found in Section 4.0 of the permit.

Visual assessment of stormwater discharges

Each quarter you must collect a sample and document visual inspections for color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution quarterly. An example Visual Assessment Report is available on the NDEP MSGP website. More information can be found in Section 4.0 of the permit. Your quarterly visual assessment can be completed on the same day as your storm event routine inspection. Both just need to be documented in a report.



Impaired waters monitoring

If a facility discharges to an impaired water, you must monitor for all pollutants for which the water body is impaired and has no associated Total Maximum Daily Load (TMDL), and for which a standard analytical method exists. For example, if the water body you discharge to is impaired for Nitrogen and phosphorus, and there is a TMDL for Nitrogen but not for phosphorus, then you will only have to sample for phosphorus. More information can be found in Section 7.4 of the permit. Contact the NDEP Stormwater Branch if you are unsure if your facility discharges to an impaired water with no TMDL.



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Stormwater Specific Effluent Limitations

Specific effluent limitation samples must be collected at Chemical and Allied Products Manufacturing and Refining facilities. More information can be found in Section 7.3 and 9.4 of the permit.

Samples must be:

- Collected beginning with the first full quarter following the issuance of this permit, or the date of discharge authorization, whichever comes later,
- Monitored once per year at each outfall.
- Submitted to a Nevada certified laboratory.

Sample for the following if applicable:

Industrial Activity	Parameter	Effluent Limitation
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874).	Total Phosphorus (as P)	Daily Max: 105 mg/L
		30-Day Avg.: 35 mg/L
	Fluoride	Daily Max: 75 mg/L
		30-Day Avg.: 25 mg/L

Sample Collection

- You will contact a certified lab to determine which sample bottles are needed. They will also tell you how to fill the bottles and what preservatives are needed.
- Make sure that the samples are delivered to the lab before the expiration of the holding times.
- Get a Chain of Custody. The lab can tell you how to fill these out.
- Do Not Rinse or overfill the bottles.
- When sampling you will need:
 - Sample bottles
 - To wear powder free disposable gloves
 - Coolers and ice for the samples
 - Notebook for keeping sample collection records
 - To keep your hands away from the opening
 - To collect samples directly into the bottles
 - Hold the bottle facing upstream
 - Cap and label the bottles as soon as the sample is collected
 - Transport sample bottles to lab for analyses

