

STORMWATER REQUIREMENTS

Sector C: Chemical and Allied Products Manufacturing and Refining Facilities



To follow Nevada's Multi-Sector General Permit (MSGP), your facility must complete four routine inspections and four visual assessments every year. You may also need to collect stormwater samples, depending on your location and activities.

What you must do every year:

1. Quarterly facility inspections

Permit section 4.0

Do this four times a year.

- Inspect all areas where industrial materials or activities are exposed to stormwater.
- At least one inspection must happen during a storm when water is discharging from your site.
- If you can't do a storm-event inspection, explain why in your Stormwater Pollution Prevention Plan (SWPPP).
- A sample Routine Facility Inspection report is available on the NDEP MSGP website.

2. Quarterly visual assessments

Permit section 4.0

Do this four times a year, and you may complete it the same day as a storm-event inspection.

- Collect a stormwater sample and look for color, odor, clarity, solids, foam, oil sheen, or anything else that suggests pollution.
- Document your findings. A sample report is available on the NDEP MSGP website.



If you discharge to an impaired water...

Permit section 7.4

You must sample for pollutants that the water body is impaired for unless the pollutant has an approved Total Maximum Daily Load (TMDL). Contact NDEP if you're not sure whether this applies to you.

Example: If a water body is impaired for nitrogen and phosphorus, but nitrogen has a TMDL, then you only test for phosphorus.

Stormwater effluent limits for chemical and allied products manufacturing and refining facilities

These facilities must collect specific effluent samples:

- Start sampling in the first full quarter after you receive permit coverage.
- Collect samples once per year at each outfall.
- Submit all samples to a Nevada certified laboratory.

Industrial activity:

Runoff from phosphate fertilizer manufacturing that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874).

Table 1. Effluent limits for Sector C facilities

Parameter	Effluent limitation
Total phosphorus (P)	Daily maximum: 105 mg/L 30-day average: 35 mg/L
Fluoride	Daily maximum: 75 mg/L 30-day average: 25 mg/L

Permit section 7.3, 9.4



How to collect stormwater samples

Your laboratory will tell you which bottles and preservatives you need. Follow their instructions.

- Do not rinse or overfill bottles
- Wear powder-free disposable gloves
- Keep hands away from bottle openings
- Collect samples directly into the bottle while holding it facing upstream
- Cap and label bottles right away
- Keep samples cold and deliver them to the lab before holding times expire

Items you'll need:



Get and complete a Chain of Custody form

