



1200-Z Permit Compliance Guidance Fact Sheet

*please review permit document for complete requirements

Category	Permit Requirement Summary
Narrative Technology Based Effluent Limits (NTBELs) aka required Best Management Practices (BMPs) or Site Controls	Facilities must implement procedures to locate materials and activities under cover, prevent stormwater contamination, respond to spills, keep the facility clean, and maintain and inspect equipment and the stormwater systems. Many industry types have additional requirements that are sector-specific.
	Activities must be described in the SWPCP and implemented at all times. If the facility fails to implement the SWPCP or the NTBELs, corrective actions will be required and must be implemented before the next storm event, unless a later date is approved. Failure to implement the SWPCP or the NTBELs is a violation of the permit, subject to enforcement.
Employee Education	All employees who work in areas where stormwater is exposed to industrial activities or conduct duties related to the implementation of the SWPCP must be trained. Training must include the contents of the SWPCP, including specific control measures used to achieve the narrative technology based effluent limits such as spill response procedures and good housekeeping practices. Training is required within 30 days of hire or change in duties for key personnel and annually thereafter.
Spills & Prohibited Discharges	Spills that impact, or have the potential to impact, the stormwater system or waters of the state, must be reported to (1) the Oregon Emergency Response System (OERS) at 1-800-452-0311 (2) the National Response Center (NRC) at 1-800-424-8802 and (3) if the facility discharges to the municipal stormwater system it must also be reported to the City of Portland's Spill Response at (503) 823-7180.
Monthly Inspections	Facility: Monthly inspections are required including, but not limited to, areas where industrial activities are conducted and areas where potential spills of significant materials may occur. Inspect waste storage areas, equipment for leaks, areas where tracking may occur, stormwater control measures, structures, catch basins and treatment facilities, etc. Many industry types have additional requirements that are sector-specific. The permit and the SWPCP contain a complete list of areas/items that must be inspected.
	Visual Observations: Stormwater must be inspected at ALL discharge points associated with industrial activity for floating, suspended or settleable solids, foam, odor, color, and visible oil sheen or other obvious indicators of pollution, when discharge is occurring (i.e. during or following recent rain) each month.
	Corrective Actions associated with monthly inspections are required if site conditions indicate that the SWPCP is not being followed, if visual observations show evidence of stormwater pollution or if cleaning or maintenance is required. Corrective actions are required immediately, or before the next storm event. If visual observations indicate pollutants are present, a Tier I Corrective Action Report must be prepared.
Reporting and Record Keeping	Records must be kept for facility inspections, visual observations, corrective actions, cleaning, maintenance and repair activities, sample results, education activities, and any spills for a minimum of three years. Documents will be reviewed during inspections. The City may require documentation to be submitted as a report.
	An approved DEQ Discharge Monitoring Report (DMR) form must be filled out, signed and submitted to the City, including the full laboratory report and the chain-of-custody. The DMR must be submitted quarterly. The DEQ does not need a copy, unless requested. If monthly visual observations and/or monitoring does not occur at the frequency required by the permit, due to the installation of volume reduction measures at your facility, you must document and demonstrate why the observations and/or monitoring did not occur and submit a monitoring variance request with the associated DMR.

Stormwater Sampling Information

- The monitoring year is July 1st - June 30th.
- Sample 4 times per year: 2 samples on or before December 31st, and 2 samples on or after January 1st.
- Samples must be collected at least 14 days apart.
- Sample during the first 12 hours of a discharge event, or as soon as practicable.
- Sample at locations described in the SWPCP. All outfalls must be sampled, unless in an area without industrial activities (such as employee parking) or if the outfall has been determined to be substantially similar to other monitored outfalls.
- Laboratory analysis and sample collection must be conducted in accordance with requirements in 40 CFR 136. pH must be analyzed with a digital meter.
- Sample for all years of permit coverage unless a monitoring waiver is obtained.
- Sample results that do not meet permit or sector-specific benchmarks or impairment pollutant reference concentrations require corrective actions (see below).

Permit Benchmarks

Parameter	Columbia River Benchmark	Regional Benchmark	Columbia Slough Benchmark	Portland Harbor Benchmark	Hold Time
pH	5.5-9.0 SU	5.5-9.0 SU	5.5-8.5 SU	5.5-9.0 SU	15 minutes
Total Suspended Solids (TSS)	100 mg/L	100 mg/L	30 mg/L	30 mg/L	7 days
Oil & Grease	10 mg/L	10 mg/L	10 mg/L	10 mg/L	28 days
Copper (Cu)	0.020 mg/L	0.020 mg/L	0.020 mg/L	0.020 mg/L	6 months if preserved
Lead (Pb)	0.040 mg/L	0.015 mg/L	0.060 mg/L	0.040 mg/L	6 months if preserved
Zinc (Zn)	0.12 mg/L	0.12 mg/L	0.24 mg/L	0.12 mg/L	6 months if preserved
E. coli	N/A	N/A	406 counts/100 ml	N/A	8 hours
Biological Oxygen Demand (BOD)	N/A	N/A	33 mg/L	N/A	48 hours
Phosphorus (P)	N/A	N/A	0.160 mg/L	N/A	28 days

Impairment Pollutants

Each facility discharges stormwater to a specific water body. If the water body is on the DEQ 303(d) list of impaired water bodies, monitoring is required for the associated impairment pollutants listed for that water body. The list of parameters that a facility is responsible for monitoring for is included in the monitoring requirements letter.

Sector Specific Sampling Requirements

Many industry types have additional specific sampling requirements, based on the type of activities at each facility. The additional sector specific sampling requirements are included in the monitoring requirements letter.

Corrective Actions

If stormwater sample results exceed the benchmarks or reference concentrations or if visual observations show evidence of stormwater pollution, you need to:

- Investigate the cause of the elevated pollutant levels, determine if the SWPCP is being followed and prepare a **Tier 1 corrective action report** within 30 days of receiving sample results.
- The report needs to contain corrective actions to improve stormwater quality. Include a date of implementation.
- You must make corrective actions before the next rain event, if possible, or no later than 30 calendar days after receiving the monitoring results.
- If the reference concentrations for impairment pollutants are exceeded, submit the report to the City within 60 days of receiving sample results.
- If the permit or sector-specific benchmarks are exceeded, retain the report on site and submit if requested.

2nd year data evaluation- applies **ONLY** to parameters and benchmark values in the permit benchmark table above (does not apply to impairment pollutants or sector specific benchmarks):

- Calculate the geometric mean of sample results collected during the 2nd year of permit coverage.
- If a geometric mean exceedance(s) occur, prepare and submit a **Tier II Report or Tier II Mass Reduction Waiver** by December 31st of the 3rd year of permit coverage.
- The Tier II Corrective Action Response must meet the requirements in the permit and the corrective actions must be fully implemented by June 30th of the 4th year of permit coverage.