City of Portland
Environment Services
Industrial Stormwater Program

January 2013

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 is a violation of the permit, subject to enforcement.
Employee Training	All employees who work in areas where industrial materials or activities are exposed to stormwater must be trained. Training must include the contents of the SWPCP, including narrative technology based effluent limits, and spill response. Training is required within 30 days of hire and annually.
Spills & Prohibited Discharges	Spills that impact, or have the potential to impact, catch basins or the stormwater system **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 or areas where potential spills of significant materials may occur. Inspect waste storage areas, equipment for leaks, areas where tracking may occur, catch basins, stormwater control measures, structures, 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 sample locations for floating solids, foam, oil sheen and discoloration **when discharge is occurring** (i.e. following recent rain) each month.
	Corrective Actions are required if site conditions indicate that the SWPCP is not being followed, if pollutants are being released or if cleaning or maintenance is required. Corrective actions are required immediately, or before the next storm event.
	There is no waiver for facility inspections or visual observations.
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 by July 31st (for the prior monitoring year). The DEQ does not need a copy, unless requested.
	Visual observations are not required to be submitted with the DMR but must be kept on site and made available upon request.

Stormwater Sampling Information

- The monitoring year is July 1st- June 30th.
- 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.

Permit Benchmarks

- Sample 4 times per year, two samples on or before December 31, and two samples on or after January 1.
- Sample for all years of permit coverage unless a monitoring waiver is obtained.
- Sample results must meet permit benchmarks, or corrective actions are required.

Parameter	Benchmark	Hold Time
pH	5.5-9.0 SU	15 minutes
Total Suspended Solids (TSS)	100 mg/L	7 days
Oil & Grease	10 mg/L	28 days
Copper (Cu)	0.020 mg/L	6 months if preserved
Lead (Pb)	0.040 mg/L	6 months if preserved
Zinc (Zn)	0.12 mg/L	6 months if preserved

Additional Pollutants

- Collect two samples on or before December 31, and two samples on or after January 1.
- No benchmarks or limits apply. No monitoring waivers are allowed.

Parameter	Hold Time	Sample during the first 3 years of permit coverage
Cadmium, Chromium, Nickel (All facilities)	6 months if preserved	8 times total
Mercury (For facilities with SIC code 5093 and 5015 only)	28 days	4 times total
PCBs (For facilities with SIC code 5093 only)	7 days until extraction, 40 days for analysis, if preserved	4 times total

Impairment Pollutants

Each facility discharges stormwater to a specific water body. Each water body has a specific list of impairment pollutants, derived from the DEQ's 303d list of pollutants causing water quality concerns in that water body. The list of parameters is included in the cover letter of the permit.

- Sample 2 times per year, one sample on or before December 31, and one sample on or after January 1.
- Sample for all years of permit coverage unless a monitoring waiver is obtained.
- Sample results must meet reference concentrations described in the cover letter, or corrective actions are required.

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 cover letter of your permit.

- Sample 4 times per year, two samples on or before December 31, and two samples on or after January 1.
- Sample for all years of permit coverage unless a monitoring waiver is obtained.
- Sample results must meet the benchmarks and/or limits described in the permit, or corrective actions are required

Corrective Actions

If stormwater sample results exceed the benchmarks or reference concentrations, you need to:

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. You must make corrective actions before the next rain event, or as soon as possible. Retain the report on site and submit if requested.

2nd year data evaluation:

Calculate the geometric mean of sample results following the 2nd year of permit coverage. If exceedances occur, prepare a **Tier 2 corrective action report** by December 31 of the third year of permit coverage. The report must be stamped by a PE or CEG and include source control stormwater treatment measures to improve stormwater quality. The corrective actions must be completed by June of the 4th year of permit coverage.