

Summary of Major Changes to the Industrial Stormwater General Permit Issued October 21, 2009 and Effective January 1, 2010

1. Condition S3. Stormwater Pollution Prevention Plan (SWPPP)

Mandatory BMPs shall be implemented no later than July 1, 2010 (See Permit for full detail). The Permittee may omit individual BMPs if site conditions render the BMP unnecessary, infeasible, or the Permittee provides alternative and equally effective BMPs; and justifies the omission in the SWPPP.

- **Operational Source Control BMPs:**

Vacuum paved surfaces with a vacuum sweeper (or sweeper w/ vacuum attachment) 1/quarter.

Minimize stormwater contamination from dust. Inspect and maintain bag houses monthly.

Keep all dumpsters under cover or keep dumpster lid closed when not in use.

Clean catch basins when at capacity.

Inspect all equipment and vehicles for leaking fluids. Take leaking equipment and vehicles out of service or prevent leaks until repaired.

Store all chemical liquids, fluids, and petroleum products on an impervious surface with containment that is capable of containing 10% of the total enclosed tank volume or 110% of the volume contained in the largest tank, whichever is greater.

Prevent precipitation from accumulating in containment areas.

Locate spill kits within 25 feet of all stationary fueling stations, fuel transfer stations, and mobile fueling units. Permit defines minimum requirements for spill kits.

Do not lock shut-off fueling nozzles in the open position. Do not “top-off” tanks being refueled.

During fueling block, plug or cover storm drains that receive runoff from areas where fueling.

Use drip pans or equivalent containment measures during all petroleum transfer operations.

Maintain a spill log that documents chemical and petroleum spills.

- **Structural Source Control BMPs:**

Use grading, berming, or curbing to prevent runoff of contaminated stormwater flows and divert run-on away from manufacturing, processing, and material storage areas.

Perform all cleaning operations indoors, under cover, or in bermed areas that prevent stormwater runoff and run-on and capture any overspray. Drain wash water to a collection system for further treatment or storage.

- **Condition S3. SWPPP Signature/Certification**

The Permittee must sign and certify the SWPPP and any revisions.

2. Condition S4. Sampling

- Sample each distinct point of discharge off-site; except “substantially identical outfalls”.
- Sample within the first 12 hours of stormwater discharge or as soon as practicable after the first 12 hours.
- Sample the stormwater discharge from the first fall storm event, after October 1st.
- Consistent attainment requires that **four** consecutive quarterly samples (after January 1, 2010) be equal to or less than the benchmark value; or for pH, within the range of 5.0 – 9.0.

3. Condition S5. Benchmarks and Effluent Limitations

- All facilities sample **copper** (1/quarter): Western WA= **14 ug/L**, Eastern WA= **32 ug/L**
- All facilities inspect discharge locations for “**visible oil sheen**”; oil & grease deleted.
- pH range changed from 6.0 – 9.0 standard units to **5.0 – 9.0 standard units**.
- Various changes to “*Additional Benchmarks and Sampling Requirements Applicable to Specific Industries*”. See Permit for new benchmarks and parameters.

4. Condition S6. Discharges to 303(d)-Listed Waters

Numeric effluent limits now apply to facilities with discharges to 303(d)-listed impaired waterbodies (Category 5). Compliance schedules are available. See Permit for details.

5. Condition S7. Inspections

Qualified personnel conduct and document visual inspections of the site **monthly**. Dry season and annual comprehensive inspection eliminated.

6. Condition S8. Corrective Actions

Level 2 and 3: Permittees that exceed benchmark value (for a single parameter) for any **two quarters** during a calendar year complete a Level 2 Corrective Action (Structural Source Control BMPs). Permittees that exceed benchmark value (for a single parameter) for any **three quarters** during a calendar year complete a Level 3 Corrective Action (Treatment BMPs).

- Revise SWPPP/complete installation by September 30th the following year. Time extensions/waivers may be requested. All corrective actions documented in Annual Report; Level 2/3 Source Control Reports eliminated.

A licensed professional engineer, geologist, hydrogeologist, or certified professional in storm water quality (CPSWQ) must design and stamp the portion of the SWPPP that addresses (Level 3) stormwater treatment structures or processes. May be waived on a case-by-case basis.

7. Condition S9. Reporting

S9. All Permittee must submit an **Annual Report** to the Department of Ecology no later than May 15th of each year (except 2010). Level 1, 2, and 3 corrective actions are summarized in Annual Report.