

## 2012 Industrial Stormwater General Permit Modification

### Summary of Changes

This table contains a summary of changes to the Industrial Stormwater General Permit (ISGP). The underlined language (e.g., 12 hours) indicates new language, and the “struck-out” language (e.g., ~~30 minutes~~) indicates deleted language. This table does not include minor changes made to correct errors. For a complete set of permit conditions, please refer to the ISGP issued May 16, 2012 and effective July 1, 2012.

Page 7; Condition S1, Table 1	<p><b>Facilities Required to Seek Coverage Under This General Permit</b></p> <p>Transportation facilities which have <i>vehicle maintenance</i> <u>activity shops</u>, <del>material handling facilities</del>, equipment cleaning operations, or airport deicing operations:</p>
Page 10; Condition S1.D.3	<p><b>Facilities Excluded from Coverage</b></p> <p><u>Industrial activities operated by any department, agency, or instrumentality of the executive, legislative, and judicial branches of the Federal Government of the United States, or another entity, such as a private contractor, performing industrial activity for any such department, agency, or instrumentality.</u> <del>Facilities located on federal land or are federally owned or operated.</del></p>
Page 11; Condition S2.B.1	<p><b>Modification of Permit Coverage</b></p> <p>Apply for modification of coverage at least 60 days before implementing a <i>significant process change</i>; or by <u>May 15<sup>th</sup></u> <del>June 1<sup>st</sup></del> prior to a Corrective Action deadline, if requesting a Level 2 or 3 time extension or waiver request per Condition S8.B-D.</p>
Page 12; Condition S2.C.1	<p><b>Permit Coverage Timeline</b></p> <p>If the applicant does not receive notification from <i>Ecology</i>, permit coverage <del>or modification of coverage</del> automatically commences on whichever of the following dates occurs last:</p> <ol style="list-style-type: none"> <li>a. The 31<sup>st</sup> day following receipt by <i>Ecology</i> of a completed <i>application</i> for coverage <del>or modification of coverage</del> form.</li> <li>b. The 31<sup>st</sup> day following the end of a 30-day public comment period.</li> </ol>
Page 21-22; Condition S4.B.1.c	<p><b>Sampling Requirements</b></p> <p>Permittees shall collect samples within the first 12 hours of <i>stormwater discharge</i> events. If it is not possible to collect a sample within the first 12 hours of a <i>stormwater</i> discharge event, the Permittee must collect the sample as soon as practicable after the first 12 hours, and keep documentation with the sampling records (Condition S4.B.3) explaining why they could not collect samples within the first 12 hours; <u>or if it is unknown (e.g., discharge was occurring during start of regular business hours).</u></p>
Page 22; Condition S4.B.3.c&d	<p><b>Sampling Requirements</b></p> <p>A notation describing if the Permittee collected the sample within the first 12 hours <del>30 minutes</del> of <i>stormwater</i> discharge events; <u>or, if it is unknown (e.g., discharge was occurring during start of regular business hours).</u></p> <p>An explanation of why it could not collect a sample within the first 12 hours <del>30 minutes</del> of a <i>stormwater</i> discharge event, if it was not possible. <u>Or, if it is unknown, an explanation of why it doesn't know if a sample was collected within or outside the first 12 hours of <i>stormwater</i> discharge.</u></p>

<p>Page 23; Condition S4.B.6.a&amp;b</p>	<p><b>Sampling Requirements</b></p> <p>The Permittee may suspend sampling for one or more parameters (other than “visible oil sheen”) based on consistent attainment of <i>benchmark</i> values when:</p> <p>a. <del>Eight</del> <del>Four</del> consecutive quarterly samples, collected after the effective date of this permit, demonstrate a reported value equal to or less than the <i>benchmark</i> value; or for pH, within the range of 5.0 – 9.0.</p> <p><u>iii. Permittees who suspended sampling based on consistent attainment of benchmarks prior to July 1, 2012 must resume/continue sampling until a total of eight consecutive quarterly samples demonstrate consistent attainment.</u></p>
<p>Page 32; Condition S6.C, Table 5, Footnote “h”</p>	<p><b>Sampling and Effluent Limits Applicable to Discharges to 303(d)-listed Waters Fecal Coliform Bacteria</b></p> <p><del><sup>h</sup>The effluent limit is the water recreation bacteria criteria (WAC 173-201A) applicable to the receiving waterbody.</del> <sup>h</sup> <u>A numeric effluent limit does not apply, but permittees must sample according to Table 5. In addition, the following mandatory BMPs shall be incorporated into the SWPPP and implemented:</u></p> <p><u>1) Use all known, available and reasonable methods to prevent rodents, birds, and other animals from feeding/nesting/roosting at the facility. Nothing in this section shall be construed as allowing violations of any applicable federal, state or local statutes, ordinances, or regulations including the Migratory Bird Treaty Act.</u></p> <p><u>2) Perform at least one annual dry weather inspection of the stormwater system to identify and eliminate sanitary sewer cross-connections;</u></p> <p><u>3) Install structural source control BMPs to address on-site activities and sources that could cause bacterial contamination (e.g., dumpsters, compost piles, food waste, animal products, etc.);</u></p> <p><u>4) Implement operational source control BMPs to prevent bacterial contamination from any known sources of fecal coliform bacteria (e.g., animal waste, etc.);</u></p> <p><u>5) Additional bacteria-related sampling and/or BMPs, if ordered by Ecology on a case-by-case basis.</u></p>
<p>Page 35; Condition S8.B</p>	<p><b>Level One Corrective Actions – Operational Source Control BMPs</b></p> <p>Permittees that exceed any applicable <i>benchmark</i> value(s) in Table 2 or Table 3, shall complete a Level 1 Corrective Action for each parameter exceeded in accordance with the following:</p> <p>1. <u>Within 14 days of receipt of sampling results that indicate a benchmark exceedance:</u></p> <p>a. <u>Conduct an inspection to investigate the cause.</u></p> <p>b. Review the SWPPP and ensure that it fully complies with Permit Condition S3, and contains the correct BMPs from the applicable <i>Stormwater Management Manual</i>.</p> <p>c. Make appropriate revisions to the SWPPP to include additional <i>Operational Source Control BMPs</i> with the goal of achieving the applicable <i>benchmark</i> value(s) in future discharges. The Permittee shall sign and certify the revised SWPPP in accordance with S3.A.6.</p>
<p>Pages 35-36; Condition S8.C</p>	<p><b>Level Two Corrective Actions – Structural Source Control BMPs</b></p> <p>Permittees that exceed an applicable <i>benchmark</i> value (for a single parameter) for any two quarters during a calendar year shall complete a Level 2 Corrective Action in accordance with</p>

S8.C. Alternatively, the permittee may skip Level 2 and complete a Level 3 Corrective Action in accordance with Condition S8.D.

1. Review the SWPPP and ensure that it fully complies with Permit Condition S3.
2. Make appropriate revisions to the SWPPP to include additional *Structural Source Control BMPs* with the goal of achieving the applicable *benchmark* value(s) in future discharges. The Permittee shall sign and certify the revised SWPPP in accordance with S3.A.6.
3. Summarize the Level 2 Corrective Actions (planned or taken) in the Annual Report (Condition S9.B).
4. **Level 2 Deadline:** The Permittee shall fully implement the revised SWPPP according to Permit Condition S3 and the applicable *Stormwater Management Manual* as soon as possible, but no later than August 31<sup>st</sup> ~~September 30<sup>th</sup>~~ the following year<sup>4</sup>.
  - a. If installation of necessary *Structural Source Control BMPs* is not feasible by August 31<sup>st</sup> ~~September 30<sup>th</sup>~~ the following year, *Ecology* may approve additional time, by approving a *Modification of Permit Coverage*.
  - b. If installation of *Structural Source Control BMPs* is not feasible or not necessary to prevent discharges that may cause or contribute to a violation of a water quality standard, *Ecology* may waive the requirement for additional *Structural Source Control BMPs* by approving a *Modification of Permit Coverage*.
  - c. To request a time extension or waiver, a Permittee shall submit a detailed explanation of why it is making the request (technical basis), and a *Modification of Coverage* form to *Ecology* in accordance with Condition S2.B, by May 15<sup>th</sup> ~~June 1<sup>st</sup>~~ prior to Level 2 Deadline. *Ecology* will approve or deny the request within 60 days of receipt of a complete *Modification of Coverage* request.
  - d. For the year following the calendar year the permittee triggered a Level 2 corrective action, benchmark exceedences (for the same parameter) do not count towards additional Level 2 or 3 Corrective Actions.

<sup>4</sup>For Level 2 Corrective Actions triggered in 2011 and due in 2012, the Level 2 Deadline is September 30, 2012.

<sup>4</sup>~~Facilities that continue to exceed benchmarks after a Level 2 Corrective Action is triggered, but prior to the Level 2 Deadline, are not required to complete another Level 2 or 3 Corrective Action the following year for the same parameter. However, a Level 1 Corrective Action is required each time a benchmark is exceeded.~~

Pages 36-37;  
Condition S8.D

**Level Three Corrective Actions – Treatment BMPs**

Permittees that exceed an applicable *benchmark* value (for a single parameter) for any three quarters during a calendar year shall complete a Level 3 Corrective Action in accordance with ~~the following~~<sup>5</sup> S8.D. A Level 2 Corrective Action is not required.

1. Review the SWPPP and ensure that it fully complies with Permit Condition S3.
2. Make appropriate revisions to the SWPPP to include additional *Treatment BMPs* with the goal of achieving the applicable *benchmark* value(s) in future discharges. Revisions shall include additional operational and/or structural source control BMPs if necessary for proper performance and maintenance of *Treatment BMPs*.
  - a. The Permittee shall sign and certify the revised SWPPP in accordance with S3.A.6.

b. A licensed professional engineer, geologist, hydrogeologist, or Certified Professional in Storm Water Quality (CPSWQ) shall design and stamp the portion of the SWPPP that addresses *stormwater* treatment structures or processes.

i. *Ecology* may waive the requirement for a licensed or certified professional upon request of the Permittee and demonstration that the Permittee or treatment device vendor can properly design and install the treatment device; or the treatment BMP doesn't require site-specific design or sizing (e.g., off-the-shelf filtration units, etc.).

ii. *Ecology* will not waive the Level 3 requirement for a licensed or certified professional more than one time during the permit cycle.

3. Before installing treatment BMPs that require the site-specific design or sizing of structures, equipment, or processes to collect, convey, treat, reclaim, or dispose of industrial stormwater, the Permittee shall submit an engineering report, plans and specifications, and an operations and maintenance (O&M) manual to Ecology for review in accordance with Chapter 173-240 WAC.

a. The engineering report shall be submitted no later than the May 15<sup>th</sup> prior to the Level 3 deadline, unless an alternate due date is specified in an order.

b. The plans and specifications and O&M Manual shall be submitted at least 30 days before construction/installation, unless an alternate date is specified in an order. Upon request of the Permittee, Ecology may allow final conceptual drawings to be substituted for plans and specifications.

4. Summarize the Level 3 Corrective Actions (planned or taken) in the Annual Report (Condition S9.B). Include information on how monitoring, assessment or evaluation information was (or will be) used to determine whether existing treatment BMPs will be modified/enhanced, or if new/additional treatment BMPs will be installed.

5. **Level 3 Deadline:** The Permittee shall fully implement the revised SWPPP according to Permit Condition S3 and the applicable *Stormwater Management Manual* as soon as possible, but no later than September 30<sup>th</sup> the following year.

a. If installation of necessary *Treatment BMPs* is not feasible by the Level 3 Deadline; *Ecology* may approve additional time by approving a *Modification of Permit Coverage*.

b. If installation of *Treatment BMPs* is not feasible or not necessary to prevent discharges that may cause or contribute to violation of a water quality standard, *Ecology* may waive the requirement for *Treatment BMPs* by approving a *Modification of Permit Coverage*.

c. To request a time extension or waiver, a Permittee shall submit a detailed explanation of why it is making the request (technical basis), and a Modification of Coverage form to *Ecology* in accordance with Condition S2.B, by ~~June 1<sup>st</sup>~~ May 15<sup>th</sup> prior to the Level 3 Deadline. *Ecology* will approve or deny the request within 60 days of receipt of a complete *Modification of Coverage* request.

d. For the year following the calendar year the Permittee triggered a Level 3 corrective action, benchmark exceedences (for the same parameter) do not count towards additional Level 2 or 3 Corrective Actions.

<sup>5</sup>~~Facilities that continue to exceed benchmarks after a Level 3 Corrective Action is triggered, but prior to the Level 3 Deadline, are not required to complete another Level 2 or 3 Corrective Action the following year for the same parameter. However, a Level 1 Corrective Action is required each time a benchmark is exceeded.~~