

Permit Number: 1000
Expiration Date: October 31, 2017

GENERAL WATER POLLUTION CONTROL FACILITIES PERMIT

Department of Environmental Quality
811 SW Sixth Avenue
Portland, OR 97204

Issued pursuant to ORS 468B.050

ISSUED TO:

SOURCES COVERED BY THIS PERMIT:

Sand, gravel and other non-metallic mineral quarrying and mining operations that dispose of all process wastewater and storm water by recirculation, evaporation, and/or controlled seepage with no discharge to surface waters. Asphalt mix batch plants, concrete batch plants, and other related activities located on site are also covered.

Lauri Aunan, Administrator
Water Quality Division

November 7, 2007
Effective Date

PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to operate a wastewater collection, treatment, control, and disposal system in conformance with requirements, limitations, and conditions set forth in attached schedules as follows:

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Unless specifically authorized by this permit, by another NPDES or WPCF permit, or by Oregon Administrative Rule, any other direct or indirect discharge to waters of the state is prohibited, including discharges to an underground injection control system.

HOW TO APPLY FOR COVERAGE UNDER THIS GENERAL PERMIT

New Application Requirements

1. Persons seeking coverage under this 1000 General Permit (2007-2017) for the first time, and persons registered for coverage under the 1000 General Permit issued in 2002 who did not submit a renewal application prior to the expiration date of the permit must do the following:
 - a. Applicants must complete an application. Applicants may obtain an Oregon Department of Environmental Quality (DEQ) application form by:
 - i. Mail or in person from the DEQ or Department of Geology and Mineral Industries (DOGAMI) offices provided below, or
 - ii. Downloading the application from the DEQ or DOGAMI website.
 - b. Sand, gravel and other non-metallic mineral quarrying and mining operation applicants must submit a completed application to the DOGAMI office provided below, requesting coverage under this permit at least 30 days prior to the planned activity. Asphalt mix and concrete batch plants applicants must submit a completed application to any of the DEQ offices provided below, requesting coverage under this permit at least 30 days prior to the planned activity. Applications filed less than 30 days from the planned activity may be accepted on a case by case basis.
 - c. Applicants must submit all applicable fees with the application.
2. DEQ or DOGAMI will review the application information and will take one of the following actions:
 - i. Issue written notice of approval.
 - ii. Request additional information.
 - iii. Deny coverage under this permit. The applicant will be notified if the applicant's operation cannot be approved for coverage under the General Permit, and that the applicant may need to obtain an individual permit.

Permit Renewal Requirements

1. Persons registered under this General Permit can operate until the expiration date provided on the cover page (unless terminated or extended under Other Applicable Conditions, below). Persons requiring renewal of this General Permit for asphalt mix and concrete batch plant operations must submit a complete renewal application form to DEQ. Persons requiring renewal of this General Permit for sand, gravel and other non-metallic mineral quarrying and mining operations must submit a complete renewal application form to DOGAMI. The application must be received no later than September 1, 2017, 60 days prior to the expiration date of this permit indicated on the cover page. The DEQ Director may grant permission to submit the application less than 60 days in advance but no later than the permit expiration date.
2. DEQ or DOGAMI will review the application and will take one of the following actions:

- a. Issue written notice of approval.
- b. Request additional information.
- c. Deny coverage under this permit. The applicant will be notified if the applicant's operation cannot be approved for coverage under the General Permit, and that the applicant may need to obtain an individual permit.

Other Application Conditions

1. Coverage under this permit will continue for a permittee after the expiration date if the permittee submits a complete renewal application as described above.
2. If DEQ or DOGAMI does not receive a renewal application as described above, coverage under this General Permit is no longer valid and the operation must cease.
3. Any person not wishing to be covered or limited by this General Permit may apply for an individual permit in accordance with the procedures in OAR 340-045-0030.

DEQ Regional Office Locations:

Northwest Region
2020 SW 4th Avenue, Suite 400
Portland, OR 97201
Tel. No. (503) 229-5263

Western Region
750 Front Street NE, Suite 120
Salem, OR 97301-1039
Tel. No. (503) 378-8240

Eastern Region
700 SE Emigrant, Suite 330
Pendleton, OR 97801
Tel. No. (541) 276-4063

DOGAMI Office Location:

Department of Geology and Mineral Industries
Mineral Land Regulation and Reclamation
229 Broadalbin St. SW
Albany, OR 97321
Tel No. (541) 967-2039

SCHEDULE A
Waste Disposal Limitations

1. The permittee is authorized to manage and dispose of the following wastes in accordance with the conditions of this permit:
 - a. Process wastewater and waste solids derived from aggregate washing activities;
 - b. Wastewater and waste solids derived from air scrubber equipment;
 - c. Concrete mixer washout wastewater and waste solids;
 - d. Excavation dewatering wastewater that has come into contact with process or other wastewater;
 - e. Vehicle and wheel wash water; and
 - f. Storm water.
2. There must be no discharge to surface waters. All wastewater must be adequately controlled by settling, recirculation, seepage, irrigation, or used for dust control.
3. No activities may be conducted that could adversely impact groundwater quality. If adverse impacts to groundwater quality are suspected from a facility covered by this permit, the Department may require the permittee to perform a groundwater investigation.
4. Concrete mixer washout wastewater must be controlled in a pond or other containment. The pH of wastewater in concrete mixer washout seepage ponds must be kept between 6 and 9 standard units (SU). If necessary, either dilution water or buffering agents must be added to make the necessary pH adjustments.
5. Petroleum-base products, coagulants, flocculants, solvents, and acids, as well as other substances that might cause the water quality standards of the state of Oregon to be violated must not be discharged, disposed, or placed in any locations where they would likely be carried into the waters of the state by any means.
6. All settling pond spoils and other waste solids must be used or disposed in a manner that will prevent their entry into the waters of the state and not create health hazards or nuisance conditions.
7. Each wastewater pond must be maintained at a minimum freeboard of one (1) foot, as measured from the lowest elevation of the top of the pond containment dikes. In situations where the minimum freeboard requirement cannot be met, the permittee must cease the discharge of wastewater into that pond.
8. For facilities adjacent to streams, mining activities and wastewater seepage must be controlled such that no visible turbidity increase occurs within the stream.
9. Track-out of any surface water mixed with dirt and other materials off-site is prohibited. Vehicle and wheel wash, or other methods may be necessary to remove loose dirt or other materials from vehicles exiting the site.

10. Facilities that wash eight or more vehicles or pieces of equipment per week or wash engines, transmissions or undercarriages must do so on a wash pad with a wastewater collection system. Facilities that wash less than eight vehicles or pieces of equipment per week and do not wash engines, transmissions or undercarriages, may do so without a wash pad or collection system so long as there is no runoff or tracking of cement or mud off-site and no discharge to surface waters, storm sewers or dry wells.
11. Facilities that wash eight or more vehicles or pieces of equipment per week or wash engines, transmissions or undercarriages shall collect the wastewater and comply with the following limitations:

Parameters	Limitations (Daily Maximum)
Oil & Grease	15 mg/l
pH	Shall be within 6.0 - 9.0 range

SCHEDULE B Monitoring and Reporting Requirements

1. The permittee must monitor the operation and efficiency of all wastewater treatment and disposal facilities. Facility monitoring must include the following items or parameters:

Parameter	Frequency	Type
Inspect dikes, containment system, and pond freeboard*	Daily when operating Monthly when not operating	Record
Inspect all adjacent streams for seepage	3/Week, at different times in the day, when operating	Record the time of inspection, hours of operation before inspection, and results
pH** (concrete mixer washout pond and vehicle wash water pond)	Weekly when used	Grab
Oil & Grease (vehicle wash water pond)	Monthly when used	Grab

* Pond freeboard may be monitored on a weekly basis if the facility has an alarm system or a float valve discharging to an overflow pond.

** Fresh litmus paper that has the capability of determining pH to one-tenths (0.1) standard units or a properly calibrated portable pH meter may be used to make field measurement of pH.

2. When a site is inaccessible due to adverse weather conditions, monitoring is not required. The permittee must make note of the adverse weather condition in its inspection records.

3. The permittee must retain monitoring records on-site and make them available to DEQ and the Department of Geology and Mineral Industries upon request.

**SCHEDULE D
Special Conditions**

1. This permit does not cover in-stream mining or other in-stream activities. Before conducting any in-stream activities, applicable permits must be obtained from the Oregon Division of State Lands and the U.S. Army Corps of Engineers.
2. Except as provided in OAR 340-052-0045, prior to constructing or modifying wastewater management, treatment and disposal facilities, detailed plans and specifications must be submitted to and approved in writing by the Department.
3. This permit does not authorize the disposal of sanitary waste.
4. The permittee must, during all times of disposal, provide personnel whose responsibility is to assure continuous performance of the disposal system in accordance with the conditions of this permit.
5. The permittee must follow all other state and local regulations pertaining to surface mining.
6. Any person conducting an activity covered by an individual permit may request that the individual permit be canceled after applying for and obtaining this general permit.
7. The Director may revoke this general permit as it applies to any person and require such person to apply for and obtain an individual permit if:
 - a. The covered source or activity is a significant contributor of pollution or creates other environmental problems;
 - b. The permittee is not in compliance with the terms and conditions of this general permit; or
 - c. Conditions or standards have changed so that the source or activity no longer qualifies for this general permit.

8. DOGAMI and Local Public Agencies Acting as DEQ's Agent

DEQ authorizes DOGAMI and local public agencies to act as its Agent in implementing this permit. DEQ's Agent may be authorized to conduct the following activities, including but not limited to: application review and approval, inspections, monitoring data review, and storm water and wastewater monitoring.

**SCHEDULE F
WPCF GENERAL CONDITIONS**

SECTION A. STANDARD CONDITIONS

1. Duty to Comply with Permit

The permittee must comply with all conditions of this permit. Failure to comply with any permit condition is a violation of Oregon Revised Statutes (ORS) 468B.025 and grounds for an enforcement action. Failure to comply is also grounds for the Department to modify, revoke, or deny renewal of a permit.

2. Property Rights and Other Legal Requirements

Issuance of this permit does not convey any property rights of any sort, or any exclusive privilege, or authorize any injury to persons or property or invasion of any other rights, or any infringement of federal, tribal, state, or local laws or regulations.

3. Liability

The Department of Environmental Quality or its officers, agents, or employees may not sustain any liability on account of the issuance of this permit or on account of the construction or maintenance of facilities or systems because of this permit.

4. Permit Actions

After notice by the Department, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including but not limited to the following:

- a. Violation of any term or condition of this permit, any applicable rule or statute, or any order of the Commission;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts.

5. Transfer of Permit

This permit may not be transferred to a third party without prior written approval from the Department. The Department may approve transfers where the transferee acquires a property interest in the permitted activity and agrees in writing to fully comply with all the terms and conditions of this permit and the rules of the Commission. A transfer application and filing fee must be submitted to the Department.

6. Permit Fees

The permittee must pay the fees required by Oregon Administrative Rules 340-045-0070, and 340-045-0075.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

At all times the permittee must maintain in good working order and properly operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to comply with the terms and conditions of this permit.

2. Standard Operation and Maintenance

All waste collection, control, treatment, and disposal facilities or systems must be operated in a manner consistent with the following:

- a. At all times, all facilities or systems must be operated as efficiently as possible in a manner that will prevent discharges, health hazards, and nuisance conditions.
- b. All screenings, grit, and sludge must be disposed of in a manner approved by the Department to prevent any pollutant from the materials from reaching waters of the state, creating a public health hazard, or causing a nuisance condition.
- c. Bypassing untreated waste is generally prohibited. Bypassing may not occur without prior written permission from the Department except where unavoidable to prevent loss of life, personal injury, or severe property damage.

3. Noncompliance and Notification Procedures

If the permittee is unable to comply with conditions of this permit because of surfacing sewage; a breakdown of equipment, facilities or systems; an accident caused by human error or negligence; or any other cause such as an act of nature, the permittee must:

- a. Immediately take action to stop, contain, and clean up the unauthorized discharges and correct the problem.
- b. Immediately notify the Department's Regional office so that an investigation can be made to evaluate the impact and the corrective actions taken, and to determine any additional action that must be taken.
- c. Within 5 days of the time the permittee becomes aware of the circumstances, the permittee must submit to the Department a detailed written report describing the breakdown, the actual quantity and quality of waste discharged, corrective action taken, steps taken to prevent a recurrence, and any other pertinent information.

Compliance with these requirements does not relieve the permittee from responsibility to maintain continuous compliance with the conditions of this permit or liability for failure to comply.

4. Wastewater System Personnel

The permittee must provide an adequate operating staff that is duly qualified to carry out the operation, maintenance, and monitoring requirements to assure continuous compliance with the conditions of this permit.

SECTION C. MONITORING AND RECORDS

1. Inspection and Entry

The permittee must at all reasonable times allow authorized representatives of the Department to:

- a. Enter upon the permittee's premises where a waste source or disposal system is located or where any records are required to be kept under the terms and conditions of this permit;
- b. Have access to and copy any records required by this permit;
- c. Inspect any treatment or disposal system, practices, operations, monitoring equipment, or monitoring method regulated or required by this permit; or
- d. Sample or monitor any substances or permit parameters at any location at reasonable times for the purpose of assuring permit compliance or as otherwise authorized by state law.

2. Averaging of Measurements

Calculations of averages of measurements required for all parameters except bacteria must use an arithmetic mean; bacteria must be averaged as specified in the permit.

3. Monitoring Procedures

Monitoring must be conducted according to test procedures specified in the most recent edition of **Standard Methods for the Examination of Water and Wastewater**, unless other test procedures have been approved in writing by the Department and specified in this permit.

4. Retention of Records

The permittee must retain records of all monitoring and maintenance information, including all calibrations, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. The Department may extend this period at any time.

SECTION D. REPORTING REQUIREMENTS

1. Plan Submittal

Pursuant to Oregon Revised Statute 468B.055, unless specifically exempted by rule, construction, installation, or modification of disposal systems, treatment works, or sewerage systems may not commence until plans and specifications are submitted to and approved in writing by the Department.

All construction, installation, or modification shall be in strict conformance with the Department's written approval of the plans.

2. Change in Discharge

Whenever a facility expansion, production increase, or process modification is expected to result in a change in the character of pollutants to be discharged or in a new or increased discharge that will exceed the conditions of this permit, a new application must be submitted together with the necessary reports, plans, and specifications for the proposed changes. A change may not be made until plans have been approved and a new permit or permit modification has been issued.

3. Signatory Requirements

All applications, reports, or information submitted to the Department must be signed and certified by the official applicant of record (owner) or authorized designee.

SECTION E. DEFINITIONS

1. *BOD₅* means five-day biochemical oxygen demand.
2. *TSS* means total suspended solids.
3. *FC* means fecal coliform bacteria.
4. *NH₃-N* means Ammonia Nitrogen.
5. *NO₃-N* means Nitrate Nitrogen.
6. *NO₂-N* means Nitrite Nitrogen.
7. *TKN* means Total Kjeldahl Nitrogen.
8. *Cl* means Chloride.
9. *TN* means Total Nitrogen.
10. "*Bacteria*" includes but is not limited to fecal coliform bacteria, total coliform bacteria, and *E. coli* bacteria.
11. *Total residual chlorine* means combined chlorine forms plus free residual chlorine.
12. *mg/l* means milligrams per liter.
13. *ug/l* means micrograms per liter.
14. *kg* means kilograms.
15. *GPD* means gallons per day.
16. *MGD* means million gallons per day.
17. *Grab sample* means an individual discrete sample collected over a period of time not to exceed 15 minutes.
18. *Composite sample* means a combination of samples collected, generally at equal intervals over a 24-hour period, and based on either time or flow.
19. *Week* means a calendar week of Sunday through Saturday.
20. *Month* means a calendar month.
21. *Quarter* means January through March, April through June, July through September, or October through December.