

DOGAMI Water Quality Program

Program Basics & Updates

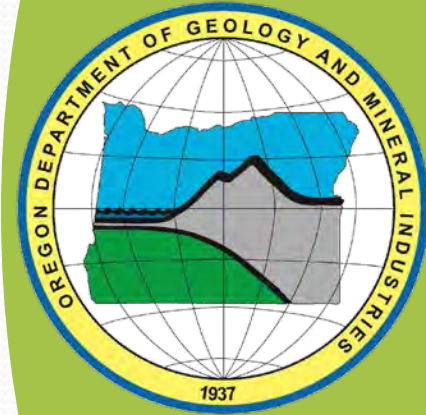
Presenter: Lisa Reinhart, Water Quality Reclamationist

DOGAMI Water Quality Program

The Mineral Land Regulation and Reclamation (MLRR) program administers two water quality permits at mine sites on behalf of the Oregon Department of Environmental Quality (DEQ):

National Pollution Discharge Elimination System (NPDES) 1200-A

Water Pollution Control Facility (WPCF) 1000



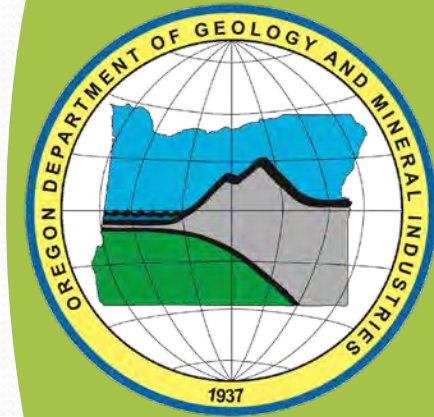
NPDES 1200-A Permit



A NPDES 1200-A permit is required for all aggregate mining operations that discharge stormwater or mine dewatering water off site. Process water cannot be discharged off site.

The purpose is to prevent water pollution to waters of the State.

This permit expired 12/3/17 and has been administratively extended until DEQ issues the new permit.

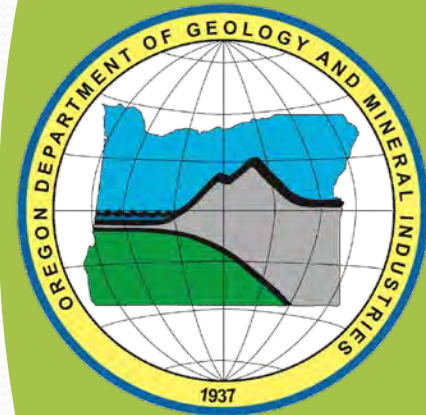


WPCF 1000 Permit

A WPCF 1000 permit is required for aggregate mining operations that use water for processing rock (not dust suppression) and that DO NOT discharge stormwater or process water off site.

The purpose is to protect groundwater from contamination.

This permit expired 10/31/17 and has been administratively extended until DEQ issues the new permit.



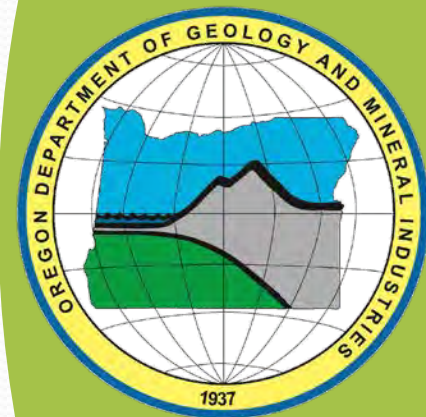
SO...WHAT PERMIT DO I NEED?

NPDES 1200-A

- 1) **Does this site have unusual characteristics that could affect surface water?**
 - YES...DEQ *may* require an Individual NPDES permit. Contact us for more info.
 - NO...Go to Question 2.
- 2) **Is stormwater discharged from the site?**
 - YES...An NPDES permit is required. Contact us for more information.
 - NO...A 1200-A is not required.

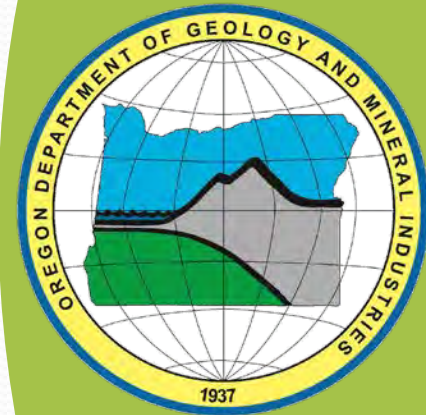
WPCF 1000

- 1) **Is water used for processing?**
 - YES...Go to Question 2.
 - NO...A 1000 is not required.
- 2) **Is process water disposed of on-site by recirculation, evaporation, and/or controlled seepage?**
 - YES...You need to apply for a WPCF 1000 permit through DOGAMI.
 - NO...DEQ *may* require an Individual WPCF permit. Contact us for more information.



Monitoring Requirements NPDES 1200 A- Schedule B

- NPDES 1200A
 - Grab sample submitted to lab
 - Benchmarks (Use electrode to measure pH)
 - Impairment Pollutants (Impaired waterbody)
 - 4 Samples to be collected
 - Monitoring year is July 1st to June 30th
 - 1st sample to be collected during the first 12 hours of discharge
 - Additional samples collected 14 days apart
 - 2 samples prior to January 1, 2 samples after January 1



Monitoring Requirements

WPCF 1000 Schedule B

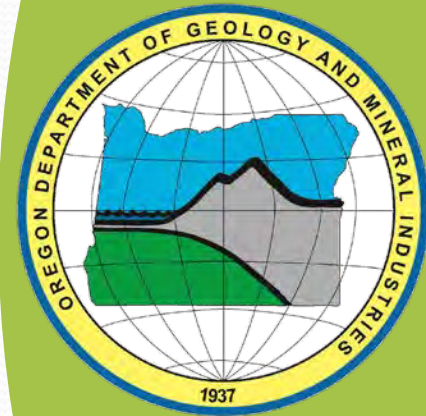
The permittee must monitor the operation and efficiency of all wastewater treatment and disposal facilities.

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

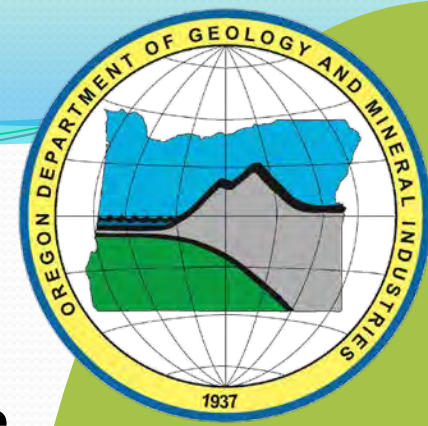
* Pond freeboard may be monitored on a weekly basis if the facility has an alarm system or a float valve discharging to an overflow pond.

** 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.



Record Keeping

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



Best Management Practices

- BMPs are structural, operational, or vegetative practices used to treat, prevent, or reduce water pollution.



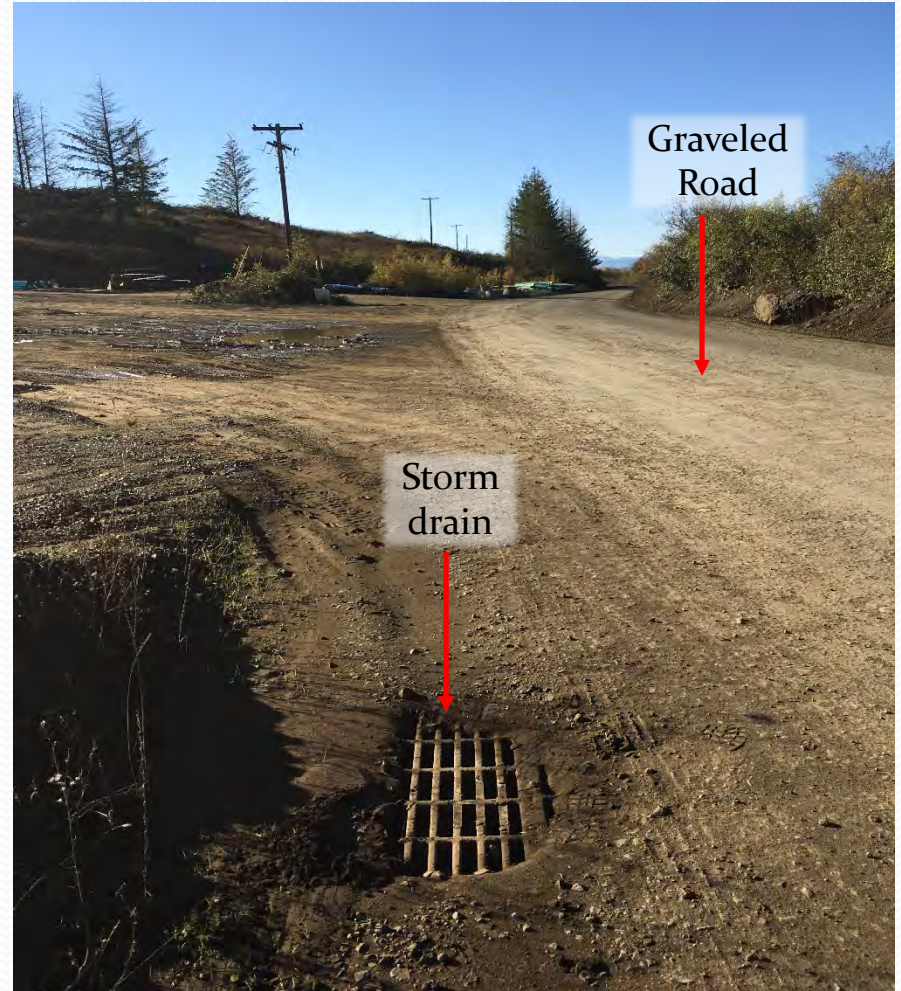
Best Management Practices



Best Management Practices



Best Management Practices



[DEQ Home](#)

Status of Permit Application - Search

View the status of current DEQ permit applications.

Note: at the present time, only Water Quality permit applications can be viewed.

To view the status of a permit application, enter the facility/file number below and press the "Search" button:

Search by Facility/File #	
Facility/File #:	<input type="text"/>
<input type="button" value="Search"/>	<input type="button" value="Clear"/>

Or, if you don't know the facility number, enter one or more of the available search options below and press the "Search" button:

Search by Facility Name and/or Address	
Facility Name:	<input type="text"/>
Facility Street:	<input type="text"/>
Facility City:	<input type="text"/>
Facility Zip Code:	<input type="text"/>
<input type="button" value="Search"/>	<input type="button" value="Clear"/>

If you would like to contact DEQ regarding a permit application, please contact your [local DEQ office](#).

Oregon Department Of Geology and Mineral Industries

QUESTIONS?

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OREGON SAFE AND PROSPEROUS**

