

Summary of Water Pollution Control Facility (WPCF) 1000 Permit Requirements

All aggregate and industrial-minerals surface mines that dispose of process wastewater by recirculation, evaporation, and/or controlled seepage, with no discharge of process water or stormwater to surface waters, need coverage under the DEQ WPCF 1000 permit. The permit covers on-site washing of aggregate, asphalt and concrete plants, and related activities at aggregate mine sites. Processing facilities not located at a mine site regulated by DOGAMI will be regulated by DEQ.

Waste Disposal Limitations

The following may be disposed of at the site under this permit:

- Process water and waste solids from aggregate rock washing
- Wastewater and waste solids from an air scrubber
- Concrete mixer washout and waste solids
- Clean dewatering water
- Stormwater

No process water or stormwater is allowed to discharge to wetlands, streams, creeks, rivers, or any other “waters of the state,” including roadside ditches that connect to waters of the state. Track out of material by trucks onto public roads is considered a discharge and is prohibited under permit.

If adverse impacts to groundwater are suspected, DEQ may require a groundwater investigation.

Discharge of stormwater and clean dewatering water to surface waters is not permitted under this permit. Coverage under the DEQ NPDES 1200-A permit is required prior to discharging stormwater or pit dewatering to waters of the state.

The pH of concrete washout seepage ponds shall be kept between 6 and 9.

Petroleum-based products, coagulants, flocculents, solvents, acids, or other materials that can degrade water quality shall not be discharged, disposed, or placed where they are likely to be carried into waters of the state.

Settling pond spoils and other waste solids cannot be released into waters of the state. Health hazards and nuisance conditions shall not be created.

Wastewater ponds shall be maintained with at least one foot of freeboard. Operations must shut down when the freeboard is less than one foot.

Monitoring and Reporting Requirements

Monitoring shall include the following:

<i>Parameter</i>	<i>Frequency</i>	<i>Type</i>
Inspect dikes, containment system, and pond freeboard ⁽¹⁾	Daily when operating Monthly when not operating	Record
Inspect all adjacent streams for seepage	3 times per week, at different times during the day, when operating	Record inspection time, hours of operation, and results
pH ⁽²⁾	Weekly when operating	Grab

⁽¹⁾May be weekly if the facility has an alarm system or a discharge to an overflow pond

⁽²⁾Fresh litmus paper or a properly calibrated pH meter may be used.

Records to be kept on site for review by DEQ or DOGAMI.

Special Conditions

This permit does not cover in-stream mining.

Detailed plans and specifications for the construction or modification of all wastewater management, treatment, and disposal facilities shall be approved in writing by DOGAMI. The plans may be part of the DOGAMI reclamation plan.

This permit does not authorize sanitary waste disposal.

When the disposal system is operating, a responsible person must monitor it.

Follow all other state and local surface mining regulations.

This permit does not cover activities in an individual permit until the individual permit has expired or is cancelled.

The permit may be revoked if:

- The source is a significant contributor to, or creates, environmental problems.
- The permittee is not in compliance with the permit conditions.
- The activity no longer qualifies for a general permit.

General Conditions

A permit does not convey property rights.

DEQ assumes no liability by issuing the permit.

The DEQ may modify, suspend, or revoke the permit for reasons including the following:

- Violation of : a term or condition of the permit; any rule or statute; or any Commission order.
- Misrepresentation or non-disclosure of any relevant facts.
- Failure to submit annual fees as required.
- The permit may be transferred once the necessary fee and paperwork are completed.

All control facilities must be kept in good working order.

All control facilities must:

- Be operated as efficiently as possible and so that discharges, health hazards, and nuisances are prevented.
- Disposed of all screenings, grit, and sludge appropriately or as approved by DOGAMI.
- Not allow untreated waste to bypass treatment facilities.

If an operator cannot comply with all the conditions they must do all of the following:

- Take action to stop, contain, and clean up unauthorized discharges; and to ensure that such discharges will no longer occur.
- Notify the regional DEQ office.
- Submit a written report to DOGAMI, describing what happened, within 5 days of the incident.
- Provide qualified operating staff to maintain and operate the facility.

Monitoring and Records

DEQ or DOGAMI is authorized by law to:

- Enter the site.
- Review and copy pertinent records.
- Inspect treatment facilities.
- Sample or monitor relevant materials.

Reporting Requirements

Plan submittal: Specs must be approved by DOGAMI before start-up, and before modification.

All written submittals shall be signed and certified by the applicant of record or authorized representative.