

Department of Environmental Quality
Air Quality Program

GENERAL
AIR CONTAMINANT DISCHARGE PERMIT
ASSESSMENT REPORT

ROCK CRUSHERS/CONCRETE CRUSHERS/RAP CRUSHERS

SOURCE DESCRIPTION AND QUALIFICATION

1. This General Permit is designed to regulate air contaminant emissions from rock crushers, concrete crushers and recycled asphalt product (RAP) crushers.
2. The facilities assigned to this General Permit have no other air pollution sources which require regulation beyond that specified in this permit, or have other pollution sources that also qualify for General Permits. Facilities eligible for assignment to this permit have not experienced recurring or serious compliance problems.

ASSESSMENT OF EMISSIONS

3. Facilities assigned to this General Permit are sources of PM and PM₁₀ emissions. Some facilities are portable and may operate generators to produce the energy necessary for the production processes. Generators are also sources of PM and PM₁₀, as well as SO₂, CO, NO_x, and VOC emissions.
4. Potential nuisances originating from this type of operation could include fugitive dust associated with the crushing process, material handling operations and vehicular traffic. The permit includes requirements to control fugitive dust emissions.
5. The Department has assessed the level of emissions of all air pollutants from these facilities and determined that facilities complying with the operational limits and monitoring requirements of this permit have emission levels below the established levels of concern stated in Tables 2 and 3 of OAR 340-200-0020.

SPECIFIC AIR PROGRAM APPLICABILITY

6. Facilities assigned to this General Permit are subject to the general visible emissions standards, nuisance requirements (control of fugitive dust and odors), and fuel sulfur limits in OAR Chapter 340, Divisions 208 and 228. The permit contains requirements and limitations to ensure compliance with these standards. The particulate matter emission limits in OAR Chapter 340, Division 226 are not applicable to these facilities because the emissions are fugitives, which cannot be measured using standard test

methods.

7. Facilities assigned to this General Permit may be subject to 40 CFR Part 60, Subpart OOO. Oregon has not adopted the regulation for sources of this size, but the regulation may impose requirements on the source which are implemented by the US EPA.

COMPLIANCE ASSURANCE

8. Permittees are required to use water sprays for controlling fugitive dust emissions when crushing dry material.
9. Permittees are required to maintain records of production, upset conditions, and complaints received at the facility. These items are reported to the Department annually.
10. Department staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

REVOCAION OF ASSIGNMENT

11. Any facility that fails to demonstrate compliance, generates complaints, or fails to conform to the requirements and limitations contained in the permit may have its assignment to the General Permit revoked. The facility would then be subject to a higher, more stringent level of permitting.

PUBLIC NOTICE

12. General Air Contaminant Discharge Permits are incorporated into the Oregon Administrative Rules by reference and are part of the State Implementation Plan. As part of the rulemaking process, the public will be provided at least 30 days to submit written comments or may provide oral testimony at a public hearing that will be held at the end of the comment period in different locations throughout the state. Notice of when and where the hearings will be held will be provided at least 30 days in advance of the hearings. The Department will review any comments and may modify the permits in response to the comments. The final permits will be issued after approval by the Environmental Quality Commission.