

Department of Environmental Quality  
Air Quality Program

GENERAL  
AIR CONTAMINANT DISCHARGE PERMIT  
ASSESSMENT REPORT

HOT MIX ASPHALT PLANTS

SOURCE DESCRIPTION AND QUALIFICATION

1. This General Permit is designed to regulate air contaminant emissions from hot mix asphalt plants.
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 PM<sub>10</sub>, SO<sub>2</sub>, CO, NO<sub>x</sub>, and VOC emissions. Some facilities are portable and may operate generators to produce the energy necessary for the production processes. Generators are also sources of these pollutants.
4. 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

5. Facilities assigned to this General Permit are subject to the general visible emissions standards, nuisance requirements (control of fugitive dust and odors), particulate matter standards, and fuel sulfur limits in OAR Chapter 340, Divisions 208, 226, and 228. The permit contains requirements and limitations to ensure compliance with these standards.
6. Facilities assigned to this General Permit are subject to Oregon Administrative Rule Chapter 340, Division 236, Part 0400 through 0440. The permit contains requirements and limitations to ensure compliance with these standards.
7. Some of the facilities assigned to this General Permit are subject to federal New Source

Performance Standards for Hot Mix Asphalt Plants found in Title 40, Code of Federal Regulations , Part 60, Subpart I. Facilities for which construction, modification, or reconstruction was commenced after June 11, 1973 are subject to these federal requirements. The permit contains requirements and limitations to ensure compliance with these federal standards.

#### COMPLIANCE ASSURANCE

8. New or modified plants are required to demonstrate compliance with the emissions limits by conducting a stack source test shortly after beginning operations.
9. Routine tune ups are required for all plants. This is to ensure that the plants are running efficiently to minimize NO<sub>x</sub> and CO emissions as well as ensuring compliance with the particulate matter emission limits.
10. Permittees are required to maintain records of production, upset conditions, and complaints received at the facility. These items are reported to the Department annually.
11. Department staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

#### REVOCACTION OF ASSIGNMENT

12. 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

13. 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.